

Acad, Prof, & Personal Success (APPS)

Academic Health Center Shared (AHS)

1101 Orientation to Health Careers

(Student Option No Audit;)
45693 001 LEC, 15:35-16:25 M, Moos Health Sci Tower 1-451, In Person Term Based; Scott Simpson ; 1 cr.

1102 Orientation to Health Careers

(Student Option No Audit;)
45711 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Fred Williams ; 1 cr.
68082 002 LEC, Completely Online; Fred Williams ; 1 cr.

1601 The Future Physician II

(Student Option; Prereq: Permission number; 1600 recommended)
45727 001 LEC, 15:35-16:25 W, Moos Health Sci Tower 2-620, In Person Term Based; Tricia Todd, Andrew Slattengren ; 1 cr.

1602 The Future Physician III: Experiences in Health

(Student Option; Prereq: [1600 or 1601], instr consent)
45749 001 FWK, 00:00-00:00 , ONLINE, Completely Online; Scott Simpson ; 2 cr.

2400 Writing a Personal Statement

(S-N only;)
45789 001 DIS, 14:30-15:20 T, Moos Health Sci Tower 2-565, In Person Term Based; Fred Williams ; 1 cr.
45790 002 DIS, 10:10-11:00 W, Moos Health Sci Tower 2-565, In Person Term Based; Scott Simpson ; 1 cr.
45810 003 DIS, 10:10-11:00 Th, Moos Health Sci Tower 2-565, In Person Term Based; Dana Lovold ; 1 cr.

3002 Global Health in Thailand - Humans, Elephants, and Disease

(A-F only; GP)
68883 001 DIS, 14:30-15:20 W, Moos Health Sci Tower 2-565, In Person Term Based; Dana Lovold, Karin Hamilton ; 3 cr.

5100 HIV Drug Discovery

(A-F only; Prereq: One year of organic chemistry, [CHEM 2301 and 2302] or equivalent, [one semester of biochemistry], [BIOC 3021 or equivalent])
45792 001 LEC, 9:00-10:15 TTh, Moos Health Sci Tower 2-580, In Person Term Based; Zhengqiang Wang, Robert Geraghty ; 3 cr.

Accounting (ACCT)

2050 Introduction to Financial Reporting

(A-F or Audit; Prereq: Soph)
53741 001 LEC, 8:00- 9:40 MW, Carlson School of Mgmt L-110, In Person Term Based; Kendall Poch ; 4 cr.
53742 002 LEC, 15:45-17:25 MW, Carlson School of Mgmt L-110, In Person Term Based; Vivian Fang ; 4 cr.
53743 003 LEC, 11:50-13:30 TTh, Carlson School of Mgmt L-110, In Person Term Based; Cyrus Aghamolla ; 4 cr.
53744 004 LEC, 13:45-15:25 TTh, Carlson School of Mgmt L-110, In Person Term Based; Cyrus Aghamolla ; 4 cr.
53745 020 LEC, 17:45-21:05 Th, Hanson Hall 1-102, In Person Term Based; Hui Liang ; 4 cr.
53994 005 LEC, 9:55-11:35 MW, Carlson School of Mgmt L-110, In Person Term Based; Vivian Fang ; 4 cr.
54043 006 LEC, 15:45-17:25 TTh, Carlson School of Mgmt L-110, In Person Term Based; Paul White ; 4 cr.

2050H Honors: Introduction to Financial Reporting

(A-F or Audit;)
54069 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-142, In Person Term Based; Cyrus Aghamolla ; 4 cr.

3001 Introduction to Management Accounting

(A-F or Audit; Prereq: 2050)
53746 001 LEC, 8:15- 9:30 TTh, Hanson Hall 1-102, In Person Term Based; Clayton Forester ; 3 cr.
53747 002 LEC, 16:00-17:15 TTh, Hanson Hall 1-102, In Person Term Based; Clayton Forester ; 3 cr.

53748 020 LEC, 17:45-20:15 T, Hanson Hall 1-104, In Person Term Based; Carrie Kirscht ; 3 cr.
54057 003 LEC, 11:15-12:30 MW, Hanson Hall 1-102, In Person Term Based; Clayton Forester ; 3 cr.

3150 Role of the Accountant in Today's Finance Function

(A-F only; Prereq: 2050)
54025 001 LEC, 9:55-11:35 M, Hanson Hall 1-106, In Person Term Based; Thomas Batina ; 1 cr.

3199 Internship in Public Accounting

(S-N or Audit; Prereq: 5125, instr consent)
53799 001 FWK, 00:00-00:00 , In Person Term Based; Nick Biondich ; 2 cr.

3299 Internship in Management Accounting

(S-N or Audit; Prereq: Acct 3201, instr consent)
53800 001 FWK, 00:00-00:00 , In Person Term Based; Nick Biondich ; 2 cr.

5101 Intermediate Accounting I

(A-F or Audit; Prereq: Grade of at least B- in 2050, mgmt major or mgmt grad student, accounting certificate, select non mgmt students)
53767 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt L-126, In Person Term Based; Joshua Madsen ; 4 cr.
53925 002 LEC, 13:45-15:25 MW, Carlson School of Mgmt 1-132, In Person Term Based; Joshua Madsen ; 4 cr.
53973 020 LEC, 17:45-21:05 W, Carlson School of Mgmt 1-149, In Person Term Based; Thomas Batina ; 4 cr.
54079 003 LEC, 15:45-17:25 TTh, Carlson School of Mgmt 1-142, In Person Term Based; Thomas Batina ; 4 cr.

5102 Intermediate Accounting II

(A-F or Audit; Prereq: 5101[mgmt or grad mgmt student])
53768 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 1-132, In Person Term Based; Frank Beil ; 4 cr.
53969 020 LEC, 17:45-21:05 Th, Carlson School of Mgmt 1-135, In Person Term Based; Nick Biondich ; 4 cr.

5125W Auditing Principles and Procedures

(A-F or Audit; Prereq: [3101 or 5101 or 5100 or 6100], [acct major or grad mgmt student][W])
53769 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt 2-224, In Person Term Based; Frank Beil ; 4 cr.
54097 002 LEC, 15:45-17:25 TTh, Carlson School of Mgmt 1-135, In Person Term Based; Frank Beil ; 4 cr.

5126 Internal Auditing

(A-F or Audit; Prereq: 2050)
54017 001 LEC, 10:10-11:50 TTh, Hanson Hall 1-103, In Person Term Based; Thomas Batina ; 2 cr.

5135 Fundamentals of Federal Income Tax

(A-F or Audit; Prereq: [2050 or MBA 6030], [mgmt or grad mgmt student])
53770 001 LEC, 14:30-16:10 MW, Hanson Hall 1-109, In Person Term Based; Paul Gutterman ; 4 cr.
53771 020 LEC, 17:45-21:05 M, Hanson Hall 1-107, In Person Term Based; Paul Gutterman ; 4 cr.

5160 Financial Statement Analysis

(A-F or Audit; Prereq: [5100/6100 or 3101/5101], [accounting or finance major])
53774 020 LEC, 17:45-21:05 M, Carlson School of Mgmt 1-143, In Person Term Based; Kendall Poch ; 2 cr.
53836 001 LEC, 10:10-11:50 TTh, Carlson School of Mgmt L-126, In Person Term Based; Frank Beil ; 2 cr.

5201 Intermediate Management Accounting

(A-F or Audit; Prereq: 3001, acct or finance major)
53775 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 2-233, In Person Term Based; Paul White ; 2 cr.
53776 020 LEC, 17:45-21:05 Th, Hanson Hall 1-107, In Person Term Based; Paul White ; 2 cr.
69727 002 LEC, 9:55-11:35 TTh, Carlson School of Mgmt L-110, In Person Term Based; Paul White ; 2 cr.

5236 Introduction to Taxation of Business

(A-F or Audit; Prereq: 5135, acct major)
53797 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt 1-132, In Person Term Based; Roger Conlon ; 2 cr.

5310 International Accounting

(A-F or Audit; Prereq: 5101; [5102 or concurrent registration is required (or allowed) in 5102] recommended)
53961 020 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-123, In Person Term Based; Thomas Batina ; 2 cr.

5420 MAcc directed study

(Student Option; Prereq: MAcc student)
53968 001 IND, 00:00-00:00 , In Person Term Based; 1-4 cr.

6603 Advanced Auditing

(A-F only;)
67491 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt 1-143, In Person Term Based; Thomas Batina ; 4 cr.

6605 Negotiations for Financial Executives

(A-F only;)
54214 001 LEC, 15:45-17:25 MW, Carlson School of Mgmt 1-143, In Person Term Based; Thomas Batina ; 2 cr.

8821 Capital Markets I

(Student Option;)
68128 001 LEC, In Person Term Based; Pervin Shroff ; 2 cr.

8822 Capital Markets II

(Student Option;)
68129 001 LEC, In Person Term Based; Pervin Shroff ; 2 cr.

8831 Analytical Research Topics I

(Student Option;)
65702 001 LEC, In Person Term Based; Gaoqing Zhang ; 2 cr.

8892 Readings in Accounting

(Student Option; Prereq: Business admin PhD student or instr consent)
53798 001 IND, 00:00-00:00 , In Person Term Based; 1-8 cr.

8894 Research in Accounting

(Student Option; Prereq: Business admin PhD student or instr consent)
53737 001 IND, 00:00-00:00 , In Person Term Based; 1-8 cr.

Addiction Studies (ADDS)

5011 Foundations in Addiction Studies

(A-F only;)
61098 301 LEC, 00:00-00:00 , ONLINE, Completely Online; ThanhVan Vu ; 2 cr.
61099 302 LEC, 00:00-00:00 , ONLINE, Completely Online; Elizabeth Bassett ; 2 cr.

5021 Introduction to Evidence Based Practices and the Helping Relationship

(A-F only;)
61068 001 LEC, 9:00-12:40 M, Ruttan Hall B42, In Person Term Based; Laura Boisen ; 3 cr.

5031 Applied Psychopharmacology

(A-F only;)
61067 001 LEC, 8:30-13:30 Sa, Ruttan Hall B26, 8:30-13:30 Sa, Ruttan Hall B22, 8:30-13:30 Sa, Ruttan Hall B26, 8:30-13:30 Sa, Ruttan Hall B26, 8:30-13:30 Sa, Ruttan Hall B26, In Person Term Based; Heidi Kammer-Hodge ; 2 cr.

5041 Methods and Models I: Motivational Counseling

(A-F only; Prereq: 5021)
61156 001 LEC, 18:00-20:30 M, Ruttan Hall B26, In Person Term Based; Jennifer Weigelt ; 2 cr.

5051 Methods and Models II: Cognitive Behavioral Therapy

(A-F only;)
61069 001 LEC, 15:00-17:30 M, Magrath Library 6, In Person Term Based; Jennifer Weigelt ; 2 cr.

5061 Foundations of Group Work

(A-F only;)
61065 001 LEC, 17:30-20:30 Th, Ruttan Hall B36, In Person Term Based; Fiyaz Karim ; 3 cr.

5071 Foundations of Co-occurring Disorders

(A-F only;)
61100 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Ann Becher-Ingwalson ; 2 cr.

5081 Multicultural Foundations of Behavioral Health

(A-F only;)

61066 001 LEC, 17:00-20:40 Th, Ruttan Hall B42, In Person Term Based; Debra Wamsley ; 3 cr.

5091 Assessment and Treatment Planning I (A-F only;)

61125 001 LEC, 17:30-20:10 W, Ruttan Hall B26, In Person Term Based; Jesse Cramer ; 3 cr.

5121 Professional Seminar 1 (S-N only;)

61140 001 LEC, 14:00-16:00 M, Ruttan Hall B42, 14:00-16:00 M, Ruttan Hall B42, 14:00-16:00 M, Ruttan Hall B42, 14:00-16:00 M, Ruttan Hall B42, 14:00-16:00 M, Ruttan Hall B42, In Person Term Based; ThanhVan Vu ; 1 cr.

5993 Directed Study

(Student Option; Prereq: dept consent)
61141 001 IND, In Person Term Based; 1-3 cr.

5996 Internship in Behavioral Health

(S-N only; Prereq: [5001 or 5011], [5021, 5003 or 5031], [5002 or 5041], [4001 or 5091], and ADDS 5121 (for students admitted Sp 15 and later) Department permission required.)

61138 001 IND, 17:30-19:00 M, Ruttan Hall B36, 17:30-19:00 M, Ruttan Hall B36, 17:30-19:00 M, Ruttan Hall B36, 17:30-19:00 M, Ruttan Hall B36, 17:30-19:00 M, Ruttan Hall B36, 17:30-19:00 M, Ruttan Hall B36, In Person Term Based; Debra Wamsley ; 1-4 cr.
61139 002 IND, 17:30-18:20 W, Ruttan Hall B30, 17:30-19:00 W, Ruttan Hall B30, 17:30-19:00 W, Ruttan Hall B30, 17:30-19:00 W, Ruttan Hall B30, 17:30-19:00 W, Ruttan Hall B30, 17:30-19:00 W, Ruttan Hall B30, 17:30-19:00 W, Ruttan Hall B30, In Person Term Based; Debra Wamsley ; 1-4 cr.

Adult Psychiatry (ADPY)

7500 Psychiatry Externship

(H-N only;)
58183 001 ROT, 8:30-12:30 F, AHC ROOM TBA, In Person Term Based; 4 cr.
58184 002 ROT, In Person Term Based; 4 cr.
58775 003 ROT, In Person Term Based; 4 cr.
68344 004 ROT, In Person Term Based; 4 cr.

7512 Psychiatry Consultation/Liaison

(H-N only;)
59190 001 ROT, In Person Term Based; 4 cr.
59191 002 ROT, In Person Term Based; 4 cr.
59192 003 FWK, In Person Term Based; 4 cr.
59193 004 ROT, In Person Term Based; 4 cr.

7516 Chemical Dependency Services

(H-N only;)
58371 021 ROT, 00:00-00:00 , , In Person Term Based; Gregory Amer ; 2 cr.
58819 012 ROT, In Person Term Based; Serena Sherrell ; 2 cr.
58820 031 ROT, In Person Term Based; 2 cr.
58821 011 ROT, In Person Term Based; Serena Sherrell ; 2 cr.
58822 032 ROT, In Person Term Based; 2 cr.
58823 022 ROT, In Person Term Based; 2 cr.
68623 041 ROT, In Person Term Based; Serena Sherrell ; 2 cr.
68624 042 ROT, In Person Term Based; Serena Sherrell ; 2 cr.

7518 Geriatric Psychiatry

(H-N only;)
58825 002 ROT, In Person Term Based; Serena Sherrell ; 4 cr.
58826 001 ROT, In Person Term Based; Serena Sherrell ; 4 cr.
58835 004 ROT, In Person Term Based; Serena Sherrell ; 4 cr.
58836 003 ROT, In Person Term Based; Serena Sherrell ; 4 cr.

7530 Psychiatry Scholarly Work

(H-N only;)
59214 099 IND, In Person Term Based; 4 cr.

7535 Clinical Practice of Psychiatry

(H-N only;)
68345 001 ROT, In Person Term Based; Serena Sherrell ; 4 cr.
68346 002 ROT, In Person Term Based; Serena Sherrell ; 4 cr.

68347 003 ROT, In Person Term Based; Serena Sherrell ; 4 cr.

68348 004 ROT, In Person Term Based; Serena Sherrell ; 4 cr.

7910 Adult Psychiatry Medical Residency (No Grade Associated;)

59164 001 FWK, In Person Term Based; 6 cr.

7930 Adult Psychiatry Medical Fellowship (No Grade Associated;)

59163 001 FWK, In Person Term Based; 6 cr.

Aerospace Engineering and Mech (AEM)

1805 First Year Projects: Aircraft and Spacecraft

(Student Option No Audit;)
67977 001 LEC, 15:35-17:30 T, Akerman Hall 313, In Person Term Based; James Flaten ; 2 cr.
67978 002 LEC, 15:35-17:30 Th, Akerman Hall 327, In Person Term Based; Chris Regan ; 2 cr.

2011 Statics

(A-F or Audit; Prereq: PHYS 1301W, [concurrent registration is required (or allowed) in Math 2374 or equiv], CSE)
55311 001 LEC, 9:05-9:55 MWF, Fraser Hall 102, In Person Term Based; 3 cr.
55312 002 DIS, 8:00-8:50 T, Akerman Hall 327, In Person Term Based; 3 cr.
55313 003 DIS, 13:25-14:15 T, Akerman Hall 327, In Person Term Based; 3 cr.
57243 004 DIS, 9:05-9:55 T, Akerman Hall 327, In Person Term Based; 3 cr.

2012 Dynamics

(A-F or Audit; Prereq: 2011, [concurrent registration is required (or allowed) in Math 2373 or equiv], CSE student)
55314 001 LEC, 11:15-12:05 MWF, Tate Hall 101, In Person Term Based; 3 cr.
55315 002 DIS, 11:15-12:05 T, Akerman Hall 327, In Person Term Based; 3 cr.
55316 003 DIS, 13:25-14:15 T, Akerman Hall 211, In Person Term Based; 3 cr.
57479 004 DIS, 9:05-9:55 T, Amundson Hall 120, In Person Term Based; 3 cr.

2021 Statics and Dynamics

(A-F or Audit; Prereq: Phys 1301W, [concurrent registration is required (or allowed) in Math 2374 or equiv], CSE)
55317 001 LEC, 12:20-13:10 MTWF, Amundson Hall B75, In Person Term Based; 4 cr.
55318 002 DIS, 8:00-8:50 Th, Akerman Hall 215, In Person Term Based; 4 cr.
55319 003 DIS, 12:20-13:10 Th, Akerman Hall 327, In Person Term Based; 4 cr.
55320 004 DIS, 15:35-16:25 Th, Akerman Hall 317, In Person Term Based; 4 cr.

2301 Mechanics of Flight

(A-F or Audit; Prereq: PHYS 1301W, [concurrent registration is required (or allowed) in MATH 2373 or equiv], CSE)
55321 001 LEC, 12:20-13:10 MWF, Tate Hall 105, In Person Term Based; Yohannes Ketema ; 3 cr.

3031 Deformable Body Mechanics

(A-F or Audit; Prereq: [2011 or 2021 or [BMEN 3011, BMEN major]], [Math 2374 or equiv], [concurrent registration is required (or allowed) in Math 2373 or equiv], CSE)
55322 001 LEC, 13:25-14:15 MWF, 10 Church Street SE 100, In Person Term Based; 3 cr.
55323 002 DIS, 8:00-8:50 Th, Akerman Hall 211, In Person Term Based; 3 cr.
55324 003 DIS, 11:15-12:05 Th, Akerman Hall 327, In Person Term Based; 3 cr.
55325 004 DIS, 10:10-11:00 Th, Ford Hall 127, In Person Term Based; 3 cr.
55326 005 DIS, 10:10-11:00 Th, Akerman Hall 327, In Person Term Based; 3 cr.
55327 006 DIS, 15:35-16:25 Th, Akerman Hall 313, In Person Term Based; 3 cr.
55889 007 DIS, 13:25-14:15 Th, Akerman Hall 313, In Person Term Based; 3 cr.
56849 008 DIS, 9:05-9:55 Th, Akerman Hall 327, In Person Term Based; 3 cr.

56974 009 DIS, 15:35-16:25 Th, Akerman Hall 215, In Person Term Based; 3 cr.

57130 011 DIS, 13:25-14:15 Th, Akerman Hall 215, In Person Term Based; 3 cr.

67278 012 DIS, 13:25-14:15 Th, Akerman Hall 211, In Person Term Based; 3 cr.

4202 Aerodynamics

(A-F or Audit; Prereq: upper div CSE or grad, 4201)
55333 001 LEC, 10:10-12:05 MW, Smith Hall 231, In Person Term Based; Krishnan Mahesh ; 4 cr.

4203 Aerospace Propulsion

(A-F or Audit; Prereq: 4202, [CSE upper div or grad student])
55773 001 LEC, 12:20-14:15 TTh, Tate Hall 105, In Person Term Based; Filippo Coletti ; 4 cr.

4247 Hypersonic Aerodynamics

(A-F only; Prereq: 4202, CSE upper division)
67280 001 LEC, 10:10-11:00 MWF, Akerman Hall 319, In Person Term Based; Meets With: 001 AEM 5247; Graham Candler ; 3 cr.

4301 Orbital Mechanics

(A-F only; Prereq: [2012 or equiv], [MATH 2373 or equiv], [CSE upper div or grad student])
57244 001 LEC, 15:35-16:25 MWF, Bruininks Hall 230, In Person Term Based; Joseph Mueller ; 3 cr.

4303W Flight Dynamics and Control

(A-F only; Prereq: [2012, 2301, 3101, [WRIT 1301 or equiv], [CSE upper div or grad student]] or instr consentW)
55328 001 LEC, 9:05-9:55 MWF, Akerman Hall 209, In Person Term Based; Demoz Gebre Egziabher ; 3 cr.

4305 Spacecraft Attitude Dynamics and Control

(A-F or Audit; Prereq: [4301, [3101 or ME 3281 or EE 3015], CSE upper div] or grad student)
56835 001 LEC, 13:25-14:15 MWF, Keller Hall 3-115, In Person Term Based; Yohannes Ketema ; 3 cr.
69258 883 LEC, 13:25-14:15 MWF, ONLINE, Completely Online; Yohannes Ketema ; 3 cr.

4333 Aerospace Design: Special Projects

(Student Option; Prereq: 4331 or instr consent)
56428 001 DIS, 00:00-00:00 , , In Person Term Based; John Weyrauch, Chris Regan ; 3 cr.

4391 Independent Design Project

(A-F only; Prereq: 4331, dept consent)
57047 001 IND, 00:00-00:00 , , Independent/Directed Study; John Weyrauch, Chris Regan ; 3 cr.

4501 Aerospace Structures

(A-F or Audit; Prereq: CSE upper div or grad, 3031 or equiv)
55329 001 LEC, 13:25-14:15 MWF, Smith Hall 331, In Person Term Based; Ryan Elliott ; 3 cr.

4511 Mechanics of Composite Materials

(Student Option; Prereq: 3031, [CSE upper div or grad student])
55330 001 LEC, 12:20-13:10 MWF, Keller Hall 3-230, In Person Term Based; Perry Leo ; 3 cr.

4595 Problems in Mechanics and Materials

(Student Option; Prereq: dept consent)
55332 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

4601 Instrumentation Laboratory

(A-F or Audit; Prereq: CSci 1113, EE 3005, EE 3006, [upper div BAEM])
55702 001 LEC, 14:30-15:20 MWF, Smith Hall 231, In Person Term Based; Yohannes Ketema ; 3 cr.
55703 002 LAB, 8:00-11:00 T, Akerman Hall 3, In Person Term Based; 3 cr.
55704 003 LAB, 14:30-17:30 T, Akerman Hall 3, In Person Term Based; 3 cr.
55705 004 LAB, 8:00-11:00 Th, Akerman Hall 3, In Person Term Based; 3 cr.
55706 005 LAB, 14:30-17:30 Th, Akerman Hall 3, In Person Term Based; 3 cr.
55707 006 LAB, 8:00-11:00 F, Akerman Hall 3, In Person Term Based; 3 cr.
56723 007 LAB, 11:15-14:15 T, Akerman Hall 3, In Person Term Based; 3 cr.
56724 008 LAB, 11:15-14:15 Th, Akerman Hall 3, In Person Term Based; 3 cr.

4796 Professional Experience

(A-F or Audit; Prereq: CSE upper div, AEM major, dept consent)

55799 001 FWK, 00:00-00:00 , , In Person Term Based; Thomas Schwartztruber ; 3 cr.

4894H Senior Honors Thesis

(A-F only; Prereq: Honors student, permission of University Honors Program, AEM major)

56971 001 IND, 00:00-00:00 , , Independent/Directed Study; Thomas Shield ; 3 cr.

4896 International Professional Experience

(A-F only; Prereq: CSE upper div, AEM major, dept consent)

57026 001 FWK, 00:00-00:00 , , Independent/Directed Study; Thomas Schwartztruber ; 3 cr.

5247 Hypersonic Aerodynamics

(A-F or Audit; Prereq: 4202 or equiv, CSE grad student)

67281 001 LEC, 10:10-11:00 MWF, Akerman Hall 319, In Person Term Based; Meets With: 001 AEM 4247; Graham Candler ; 3 cr.

5503 Theory of Elasticity

(A-F or Audit; Prereq: 4501 or equiv, Math 2263 or equiv or instr consent)

55494 001 LEC, 14:30-15:45 MW, Akerman Hall 227, In Person Term Based; Richard James ; 3 cr.

8000 Seminar: Aerospace Engineering and Mechanics

(S-N or Audit; Prereq: DGS consent)

55614 001 LEC, 14:30-16:25 F, Akerman Hall 319, In Person Term Based; ; 1 cr.

8202 Fluid Mechanics II

(Student Option; Prereq: 8201)

55450 001 LEC, 11:15-12:30 MW, Akerman Hall 319, In Person Term Based; Joseph Nichols ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

57124 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8400 Seminar: Aerospace Systems

(S-N or Audit; Prereq: Aerosp Eng grad student)

55666 001 LEC, 10:10-11:00 W, Cooke Hall 215, In Person Term Based; 1 cr.

55666 001 LEC, 10:10-11:00 W, Cooke Hall 215, In Person Term Based; 1 cr.

8421 Robust Multivariable Control Design

(Student Option; Prereq: 5321 or equiv)

70084 001 LEC, 8:15- 9:30 MW, Keller Hall 3-125, In Person Term Based; Meets With: 001 EE 5235; Dale Enns ; 3 cr.

70089 883 LEC, 8:15- 9:30 MW, ONLINE, Completely Online; Dale Enns ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

57125 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8495 Advanced Topics in Aerospace Systems

(A-F or Audit; Prereq: dept consent)

57245 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8531 Fracture Mechanics

(A-F or Audit; Prereq: 5503 or instr consent)

67290 001 LEC, 11:15-12:30 MW, Akerman Hall 227, In Person Term Based; Ellad Tadmor ; 3 cr.

8595 Selected Topics in Mechanics and Materials

(Student Option; Prereq: dept consent)

57246 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

57126 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

57127 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8880 Plan B Project

(Student Option; Prereq: Grad aerospace engineering or mechanics major, dept consent)

57128 001 LEC, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

57129 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

Aerospace Studies (AIR)

1000 Leadership Laboratory

(S-N or Audit;)

61204 001 LAB, 16:00-18:00 Th, Armory Building 116, In Person Term Based; Justin Mason ; 1 cr.

61209 002 LAB, In Person Term Based; Justin Mason ; 1 cr.

1105 Foundations of the United States Air Force II

(A-F or Audit;)

61194 001 LEC, 11:10-12:00 Th, Armory Building 105, In Person Term Based; Justin Mason ; 1 cr.

61195 002 LEC, 15:00-15:50 Th, Armory Building 105, In Person Term Based; Justin Mason ; 1 cr.

61211 003 LEC, In Person Term Based; Justin Mason ; 1 cr.

1204 The Evolution of USAF Air and Space Power I

(A-F or Audit;)

61213 001 LEC, In Person Term Based; Justin Mason ; 1 cr.

1205 The Evolution of USAF Air and Space Power II

(A-F or Audit;)

61198 001 LEC, 13:25-14:15 T, Armory Building 105, In Person Term Based; Christopher Hughes ; 1 cr.

61199 002 LEC, 10:10-11:00 T, Armory Building 105, In Person Term Based; Christopher Hughes ; 1 cr.

3302 Air Force Officership, Quality, and Communication

(A-F or Audit; Prereq: 3301 recommended)

61202 001 LEC, 7:00- 9:30 W, , In Person Term Based; Justin Mason ; 3 cr.

61210 002 LEC, In Person Term Based; Justin Mason ; 3 cr.

3402 Preparation for Active Duty

(A-F or Audit; Prereq: 3401 recommended)

61203 001 LEC, 7:00- 9:30 M, Armory Building 105, In Person Term Based; Daniel Hatzung ; 3 cr.

African Amer & African Studies (AFRO)

1011 Introduction to African American Studies

(Student Option;)

51767 001 LEC, 13:00-14:15 MW, Hubert H. Humphrey School 35, In Person Term Based; Rose Brewer ; 3 cr.

3006 Impact of African Migrations in the Atlantic World

(A-F or Audit;)

51673 001 LEC, 13:25-14:15 MWF, Blegen Hall 435, In Person Term Based; Victoria Coifman ; 3 cr.

3135 Political Dynamics in the Horn of Africa

(Student Option;)

70071 001 LEC, 9:45-11:00 MW, Blegen Hall 220, In Person Term Based; Josef Woldense ; 3 cr.

3205 History of South Africa from 1910

(Student Option;)

68871 001 LEC, 11:15-12:30 MW, Blegen Hall 235, In Person Term Based; Meets With: 001 HIST 3435; Helena Pohlandt-McCormick ; 3 cr.

3301 The Music of Black Americans

(Student Option; AH,DSJ)

50972 001 LEC, 11:15-12:30 TTh, Blegen Hall 415, In Person Term Based; Yolanda Williams ; 3 cr.

3402 Pleasure, Intimacy and Violence

(Student Option;)

52744 001 DIS, 14:30-15:45 TTh, Akerman Hall 319, In Person Term Based; Meets With: 001 GWSS 3402; Lena Palacios ; 3 cr.

3426 African Americans, Social Policy, and the Welfare State

(Student Option;)

50839 001 LEC, 18:00-20:45 W, Hubert H. Humphrey School 15, In Person Term Based; Keith Mayes ; 3 cr.

3431 Early Africa and Its Global Connections

(Student Option; GP,HIS)

69268 001 DIS, 8:15- 9:30 TTh, Blegen Hall 130, In Person Term Based; Meets With: 001 HIST 3431; Jessica Farrell ; 3 cr.

3433 Economic Development in Contemporary Africa

(Student Option; Prereq: APEC 1101 or ECON 1101GP,SOC5)

50922 001 LEC, 16:00-17:15 TTh, Hanson Hall 1-109, In Person Term Based; Meets With: 001 APEC 3061; Tade Okediji ; 3 cr.

3578 Arts of Africa

(Student Option;)

69979 001 LEC, 11:15-12:30 MW, Blegen Hall 220, In Person Term Based; Njeri Githire ; 3 cr.

3592W Black Women's Life-Writing

(Student Option; DSJ,WI,LITR)

51216 001 LEC, 9:45-11:00 TTh, Blegen Hall 140, In Person Term Based; Meets With: 001 ENGL 3592W; Terrion Williamson ; 3 cr.

3865 African American History: 1865 to the Present

(Student Option;)

50336 001 DIS, 11:15-12:30 TTh, Walter W Heller Hall 1210, In Person Term Based; Meets With: 001 HIST 3865; Saje Mathieu ; 3 cr.

3867 Black Men: Representations and Reality

(Student Option;)

70072 001 DIS, 10:10-12:55 W, Blegen Hall 260, In Person Term Based; Keith Mayes ; 3 cr.

3868W Race, War, and Race Wars in American History

(A-F or Audit; WI)

51493 001 LEC, 17:30-20:00 M, Blegen Hall 235, In Person Term Based; Meets With: 090 HIST 3868W; Malinda Lindquist ; 3 cr.

3993 Directed Study

(Student Option; Prereq: instr consent, dept consent, college consent)

49738 001 IND, In Person Term Based; 1-5 cr.

4406 Black Feminist Thought

(Student Option;)

68740 001 DIS, 13:00-14:15 TTh, Blegen Hall 335, In Person Term Based; Meets With: 001 GWSS 4406; Terrion Williamson ; 3 cr.

4991W Thesis Research and Writing

(A-F or Audit; Prereq: dept consentWI)

51471 001 IND, In Person Term Based; Njeri Githire, Keith Mayes ; 3 cr.

5910 Topics in African American and African Studies

(Student Option;)

68632 001 LEC, 14:45-17:30 T, Blegen Hall 140, In Person Term Based; Meets With: 001 AFRO 8910; Njeri Githire ; 2-4 cr.

5993 Directed Study

(Student Option; Prereq: instr consent)

49739 001 IND, In Person Term Based; 1-3 cr.

8202 Seminar: Intellectual History of Race

(Student Option;)

50501 001 LEC, 17:30-20:15 W, Carlson School of Mgmt
2-219, In Person Term Based; Rose Brewer ; 3 cr.

8910 Topics in Studies of Africa and the African Diaspora

(Student Option;)

68112 001 LEC, 14:45-17:30 T, Blegen Hall 140, In Person
Term Based; Meets With: 001 AFRO 5910; Njeri Githire ; 3
cr.

Ag Industries & Marketing (AIM)

4011 Student Project/Field Investigation

(Student Option;)

53196 001 FWK, 15:00-17:00 T, Ruttan Hall B26, In Person
Term Based; Ward Nefstead ; 3 cr.

Agri, Food, and Environ Educ (AFEE)

2421 Professional Communication for Agriculture, Food, and the Environment

(A-F or Audit;)

53297 001 LEC, 10:40-11:30 MW, Ruttan Hall B45, In
Person Term Based; Rebecca Swenson ; 3 cr.
53397 002 DIS, 10:40-11:30 F, Ruttan Hall B36, In Person
Term Based; Rebecca Swenson ; 3 cr.
53398 004 DIS, 11:45-12:35 F, Ruttan Hall B36, In Person
Term Based; Rebecca Swenson ; 3 cr.
53448 003 DIS, 9:35-10:25 F, Ruttan Hall B36, In Person
Term Based; Rebecca Swenson ; 3 cr.

3430 Communicating Food, Agriculture & Environmental Science to the Public

(A-F or Audit; Prereq: Sophomore standing or 30 cr)

67116 001 LEC, 13:30-14:45 MW, Ruttan Hall B25, In
Person Term Based; Rebecca Swenson ; 3 cr.

3480 Special Topics in Agricultural Education

(Student Option;)

70259 001 LEC, In Person Term Based; Amy Smith ; 1-4 cr.

5112 Agricultural Education Program Organization and Curriculum for Youth

(Student Option;)

52805 001 LEC, 9:00-12:00 WTh, Ruttan Hall 135B,
9:00-12:00 F, Ruttan Hall 135B, 9:00-12:00 M, Ruttan
Hall 135B, 9:00-12:00 T, Ruttan Hall 135B, 9:00-11:00
F, Ruttan Hall 135B, 9:00-12:00 W, Ruttan Hall 135B, In
Person Term Based; Amy Smith ; 3 cr.

5114 Agricultural Education Teaching Seminar

(Student Option;)

52807 001 LEC, 9:00-12:00 T, Ruttan Hall 135B, 14:00-16:00
F, Ruttan Hall 135B, 9:00-12:00 F, Ruttan Hall 135B,
13:00-16:00 F, Ruttan Hall 135B, 9:00-12:00 Th, Ruttan
Hall 135B, In Person Term Based; Brad Greiman ; 1 cr.

5116 Coordination of SAE Programs: Work-based Learning

(A-F or Audit;)

53136 001 LEC, 13:00-16:00 MTWTh, Ruttan Hall 135B,
9:00-12:00 TWTh, Ruttan Hall 135B, 9:00-12:00 T, Ruttan
Hall 135B, In Person Term Based; Amy Smith ; 2 cr.

5118 Strategies for Managing and Advising the FFA Organization

(A-F or Audit;)

53137 001 LEC, 13:00-16:00 TWTh, Ruttan Hall 135B,
13:00-16:00 M, Ruttan Hall 135B, 13:00-16:00 M, Ruttan
Hall 135B, In Person Term Based; Brad Greiman ; 2 cr.

5280 Current Issues for the Beginning Agricultural Education Teacher

(Student Option;)

53482 001 LEC, In Person Term Based; Brad Greiman ; 1-3
cr.

5698 Teaching Internship

(Student Option; Prereq: Admission to initial licensure program)

53307 001 LEC, 00:00-00:00 , In Person Term Based; Brad
Greiman, Amy Smith, Lavayne Rada ; 2-8 cr.

5993 Directed Study in Agricultural Education and Extension

(Student Option;)

52899 001 IND, 00:00-00:00 , Independent/Directed Study;
Brad Greiman ; 1-4 cr.
53321 002 IND, 00:00-00:00 , Independent/Directed Study;
Amy Smith ; 1-4 cr.
53382 003 IND, 00:00-00:00 , Independent/Directed Study;
Rebecca Swenson ; 1-4 cr.

5995 Integrating Paper--Master of Education Education

(A-F or Audit;)

52806 001 IND, 00:00-00:00 , Independent/Directed Study;
Brad Greiman, Amy Smith ; 1-5 cr.

8094 Research in Agricultural Education and Extension

(A-F or Audit; Prereq: AgEd student doing Plan B research, dept consent)

70169 001 IND, In Person Term Based; Amy Smith ; 1-6 cr.

Agronomy and Plant Genetics (AGRO)

1093 Directed Studies

(Student Option; Prereq: 4 cr in agronomy, instr consent)

52955 001 IND, 00:00-00:00 , In Person Term Based; Kevin
Smith ; 1-4 cr.

1101 Biology of Plant Food Systems

(Student Option; BIOL)

53367 001 LEC, 13:00-14:15 MW, Bruininks Hall 330, In
Person Term Based; Peter Morrell ; 4 cr.
53370 004 LAB, 10:30-12:30 T, Plant Growth Facility 132, In
Person Term Based; Peter Morrell ; 4 cr.
53374 005 LAB, 12:30-14:30 T, Plant Growth Facility 132, In
Person Term Based; Peter Morrell ; 4 cr.
53375 006 LAB, 9:30-11:30 W, Plant Growth Facility 132, In
Person Term Based; Peter Morrell ; 4 cr.

1660W First-Year Colloquium/Experience in Agroecosystems Analysis

(A-F or Audit; Prereq: 1st yr in major hosted by Department of Agronomy and Plant Genetics/WI)

53464 001 LEC, 10:40-12:35 F, Alderman Hall 405, In
Person Term Based; Mary Brakke ; 2 cr.

3203W Environment, Global Food Production, and the Citizen

(Student Option; GP,WI)

52862 001 LEC, 13:30-14:45 TTh, Biological Sciences Ctr
64, In Person Term Based; Meets With: 001 ANSC 3203W;
Mary Raeth, Mary Brakke ; 3 cr.

3660 Plant Genetic Resources: Identification, Conservation, and Utilization

(A-F only; Prereq: Introductory biology)

68498 001 LEC, 12:50-13:40 MW, Plant Growth Facility 132,
In Person Term Based; Robert Stupar ; 3 cr.
68499 002 LAB, 13:45-15:35 W, Plant Growth Facility 132, In
Person Term Based; Robert Stupar ; 3 cr.

4096W Professional Experience Program: Internships

(A-F only; WI)

52884 001 LEC, 00:00-00:00 , In Person Term Based; Mary
Brakke ; 2 cr.

4097W Undergraduate Research Thesis

(S-N only; Prereq: Jr or SrWI)

53447 001 IND, 00:00-00:00 , In Person Term Based; Kevin
Smith ; 2 cr.

4505 Biology, Ecology, and Management of Invasive Plants

(Student Option; Prereq: 4005, [Bio 3002 or equiv], Soil 2125, [Agro 2501 or Hort 1011])

53112 001 LEC, 11:45-13:00 TTh, Borlaug Hall 306, In
Person Term Based; Donald Wyse ; 3 cr.

5121 Applied Experimental Design

(Student Option; Prereq: Stat 5021 or equiv or instr consent)

53153 001 LEC, 11:45-13:00 MW, McNeal Hall 395, In
Person Term Based; Meets With: 001 ENT 5121; Nancy Jo
Ehlike, Daniel Cariveau ; 4 cr.

53154 002 DIS, 13:00-13:50 W, McNeal Hall 395, In Person
Term Based; Meets With: 002 ENT 5121; Nancy Jo Ehlike,
Daniel Cariveau ; 4 cr.

5321 Ecology of Agricultural Systems

(A-F or Audit; Prereq: [3xxx or above] course in [Agro or AnSc or Ent or Hort or PIPa or Soil] or instr consent)

53372 001 LEC, 11:45-13:00 MW, Borlaug Hall 306, In
Person Term Based; Nicholas Jordan ; 3 cr.
53376 003 DIS, 13:00-13:50 W, Borlaug Hall 306, In Person
Term Based; Nicholas Jordan ; 3 cr.
53377 002 DIS, 13:00-13:50 M, Borlaug Hall 306, In Person
Term Based; Nicholas Jordan ; 3 cr.

8202 Breeding for Quantitative Traits in Plants

(Student Option; Prereq: [5201, STAT 5021] or instr consent)

68219 001 LEC, 10:15-11:30 TTh, Borlaug Hall 306, In
Person Term Based; Rex Bernardo ; 3 cr.

8270 Graduate Seminar

(A-F or Audit; Prereq: Grad major in [applied plnt sci or agro or ent or hort or plnt brdg or plnt path or soil] or instr consent)

52808 001 LEC, 15:30-16:20 M, Borlaug Hall 306, In Person
Term Based; Meets With: 001 HORT 8270; Donald Wyse ;
1 cr.

American Indian Studies (AMIN)

1001 American Indian Peoples in the United States

(Student Option; DSJ)

49055 001 LEC, 14:30-15:45 MW, Scott Hall 4, In Person
Term Based; Juliana Hu Pegues ; 3 cr.

1002 Indigenous Peoples in Global Perspective

(A-F or Audit; GP)

51714 001 LEC, 9:45-11:00 MW, Scott Hall 4, In Person
Term Based; Meets With: 001 POL 1019; Vicente Diaz ; 3
cr.

1003 American Indians in Minnesota

(A-F or Audit; DSJ,HIS)

50996 001 LEC, 11:15-12:30 TTh, Fraser Hall 101, In Person
Term Based; Alex Ghebregzi ; 3 cr.
51506 002 LEC, 13:00-14:15 TTh, Mechanical Engineering
18, In Person Term Based; Alex Ghebregzi ; 3 cr.

3001 Public History

(A-F or Audit; Prereq: instr consent)

67125 001 LEC, 9:45-11:00 TTh, Nicholson Hall 335, In
Person Term Based; Meets With: 001 HIST 3001; Christine
DeLisle ; 3 cr.

3201W American Indian Literature

(A-F only; DSJ,WI,LITR)

49694 002 LEC, 9:45-11:00 TTh, Nicholson Hall 145, In
Person Term Based; Carter Meland ; 3 cr.

3301 American Indian Philosophies

(Student Option; AH,DSJ)

49237 002 LEC, 9:45-11:00 TTh, Smith Hall 231, In
Person Term Based; Meets With: 001 RELS 3321; Alex
Ghebregzi ; 3 cr.

3304 Indigenous Filmmakers

(Student Option; AH)

69559 001 LEC, 14:00-17:00 W, Appleby Hall 319, In Person
Term Based; Vicente Diaz ; 3 cr.

3402 American Indians and the Cinema

(A-F or Audit; AH,DSJ)

51374 001 LEC, 18:20-20:50 Th, Murphy Hall 130, In Person
Term Based; Meets With: 001 AMIN 5402; Carter Meland ;
3 cr.

3604 Indigenous Immersion Methods for the Home, Classroom, and Community

(A-F only; Prereq: OJIB 3104, DAKO 3124 or four semesters of another target language)

52767 001 LEC, 18:20-20:50 M, Appleby Hall 223, In Person
Term Based; Zoe Brown ; 3 cr.

3711 Dakota Culture and History

(Student Option; DSJ,HIS)

49324 001 LEC, 13:00-14:15 MW, Akerman Hall 215, In Person Term Based; Wayne Bendickson ; 3 cr.

4525W Federal Indian Policy**(Student Option; WI)**

67127 001 LEC, 14:30-17:00 T, Akerman Hall 317, In Person Term Based; Meets With: 001 POL 4525W; David Wilkins ; 3 cr.

4990 Topics in American Indian Studies**(Student Option;)**

69677 001 LEC, 14:30-17:00 T, Akerman Hall 215, In Person Term Based; Christine De Lisle ; 1-4 cr.

4994 Directed Research**(Student Option; Prereq:instr consent, dept consent, college consent.)**

49742 001 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

4996 Field Study**(Student Option; Prereq:instr consent, dept consent, college consent.)**

49412 001 FWK, In Person Term Based; 1-12 cr.

5402 American Indians and the Cinema**(A-F or Audit; AH,DSJ)**

51375 001 LEC, 18:20-20:50 Th, Murphy Hall 130, In Person Term Based; Meets With: 001 AMIN 3402; Carter Meland ; 3 cr.

5412 Comparative Indigenous Feminisms**(Student Option No Audit; GP)**

70316 001 LEC, 16:00-18:30 Th, Nicholson Hall 110, In Person Term Based; Meets With: 001 CHIC 3412001 CHIC 5412001 AMST 5412; Gabriela Spears-Rico ; 3 cr.

American Sign Language (ASL)**1701 American Sign Language I****(Student Option;)**

47202 001 DIS, Completely Online; Jonathan Penny ; 5 cr.
47203 002 DIS, Completely Online; 5 cr.
47204 003 DIS, 10:40-12:35 MW, Lrng & Environmental Sci 140C, In Person Term Based; Marissa Polvere ; 5 cr.
47205 004 DIS, 12:50-14:45 MW, Lrng & Environmental Sci 140C, In Person Term Based; Leah Dolezal ; 5 cr.
47206 005 DIS, 15:00-16:55 MW, Lrng & Environmental Sci 140C, In Person Term Based; Marissa Polvere ; 5 cr.
47207 006 DIS, 8:30-10:25 TTh, Lrng & Environmental Sci 140C, In Person Term Based; Shirley Applebee ; 5 cr.
47208 007 DIS, 12:50-14:45 TTh, Lrng & Environmental Sci 140C, In Person Term Based; Shirley Applebee ; 5 cr.
47824 009 DIS, 17:10-21:00 T, Lrng & Environmental Sci 140C, In Person Term Based; Nishani McCluskey ; 5 cr.
48391 008 DIS, 15:00-16:55 TTh, Lrng & Environmental Sci 140C, In Person Term Based; Leah Dolezal ; 5 cr.

1702 American Sign Language II**(Student Option; Prereq: 1701 with grade of at least [S or C-] or dept consent)**

47209 002 DIS, 12:50-14:45 MW, Lrng & Environmental Sci 140B, In Person Term Based; Sherri Rademacher ; 5 cr.
47210 003 DIS, 15:00-16:55 MW, Lrng & Environmental Sci 140B, In Person Term Based; Bradley Neubarth ; 5 cr.
47211 004 DIS, 17:10-21:00 W, Lrng & Environmental Sci 140B, In Person Term Based; Leah Dolezal ; 5 cr.
47212 005 DIS, 8:30-10:25 TTh, Lrng & Environmental Sci 140B, In Person Term Based; Marissa Polvere ; 5 cr.
47213 006 DIS, 10:40-12:35 TTh, Lrng & Environmental Sci 140B, In Person Term Based; David Reinhart ; 5 cr.
47481 001 DIS, 8:30-10:25 MW, Lrng & Environmental Sci 140B, In Person Term Based; Sherri Rademacher ; 5 cr.
48176 007 DIS, 15:00-16:55 TTh, Lrng & Environmental Sci 140B, In Person Term Based; David Reinhart ; 5 cr.

3001 Cultural and Sociolinguistic Views**within the Deaf Community****(Student Option;)**

47219 001 LEC, 17:10-20:00 W, Lrng & Environmental Sci 140A, In Person Term Based; Bradley Hardin ; 3 cr.

3703 American Sign Language III**(Student Option; Prereq: 1702 with grade of at least [S or C-] or dept consent)**

47214 001 DIS, 10:40-12:35 MW, Lrng & Environmental Sci 140B, In Person Term Based; Shirley Applebee ; 5 cr.
47215 002 DIS, 15:00-16:55 MW, Lrng & Environmental Sci 140A, In Person Term Based; 5 cr.
47216 003 DIS, 12:50-14:45 TTh, Lrng & Environmental Sci 140B, In Person Term Based; Bradley Neubarth ; 5 cr.

47482 004 DIS, 17:00-21:00 T, Lrng & Environmental Sci 140B, In Person Term Based; Bradley Neubarth ; 5 cr.

3704 American Sign Language IV**(Student Option; Prereq: 3703 with grade of at least [S or C-] or dept consent)**

47217 002 DIS, 12:50-14:45 MW, Lrng & Environmental Sci 140A, In Person Term Based; Nishani McCluskey ; 5 cr.
47218 003 DIS, 10:40-12:35 TTh, Lrng & Environmental Sci 140C, In Person Term Based; Bradley Hardin ; 5 cr.
47480 004 DIS, 15:00-16:55 TTh, Lrng & Environmental Sci 140A, In Person Term Based; Bradley Hardin ; 5 cr.
48359 001 DIS, 8:30-10:25 MW, Lrng & Environmental Sci 140C, In Person Term Based; Nishani McCluskey ; 5 cr.
48722 005 DIS, 17:10-21:00 T, Lrng & Environmental Sci 140A, In Person Term Based; Sherri Rademacher ; 5 cr.

American Studies (AMST)**1012 Migrants, Refugees, Citizens, and****Exiles: The U.S. on an Immigrant Planet****(Student Option; CIV)**

52321 001 LEC, 18:20-20:50 W, Folwell Hall 120, In Person Term Based; Anna Kurhajec ; 3 cr.

2011 The United States since September 11**(Student Option; CIV,HIS)**

51275 001 DIS, 11:15-12:30 MW, Anderson Hall 230, In Person Term Based; Sarah Atwood-Hoffman ; 3 cr.

2031 Chasing the American Dream: Economic Opportunity and Inequality in the U.S.**(Student Option; DSJ,HIS)**

52619 001 LEC, 11:15-12:30 TTh, Burton Hall 125, In Person Term Based; Elizabeth Hartman ; 3 cr.

3112 Prince, Porn, and Public Space: The Cultural Politics of the Twin Cities in the 1980s**(Student Option; DSJ,HIS)**

67300 001 LEC, 13:00-14:15 TTh, Burton Hall 125, In Person Term Based; Elliott Powell ; 3 cr.

3114 America in International Perspective**(Student Option; DSJ)**

52620 001 LEC, 9:45-11:00 MW, Pillsbury Hall 110, In Person Term Based; Joseph Whitson ; 3 cr.

3212 Dissident Sexualities in U.S. History**(A-F or Audit;)**

69455 001 LEC, 13:00-14:15 TTh, Blegen Hall 145, In Person Term Based; Meets With: 001 HIST 3212001 GLBT 3212; Kevin Murphy ; 3 cr.

3252W American Popular Culture and Politics: 1900 to 1940**(Student Option; CIV,WI,HIS)**

50770 001 LEC, 18:20-20:50 T, Smith Hall 231, In Person Term Based; Elliott Powell ; 4 cr.

3253W American Popular Culture and Politics: 1940 to the Present**(Student Option; CIV,WI,HIS)**

50475 001 LEC, 9:45-11:00 TTh, 10 Church Street SE 100, In Person Term Based; BIANET CASTELLANOS ; 4 cr.
50641 002 DIS, 10:10-11:00 M, Ford Hall 127, In Person Term Based; Mary Marchan ; 4 cr.
50642 004 DIS, 10:10-11:00 W, Ford Hall 127, In Person Term Based; 4 cr.
50643 008 DIS, 11:15-12:05 T, Vincent Hall 209, In Person Term Based; Mary Marchan ; 4 cr.
50644 009 DIS, 11:15-12:05 T, Kolthoff Hall 139, In Person Term Based; 4 cr.

3920 Topics in American Studies**(Student Option;)**

69985 001 LEC, 15:30-18:00 T, Vincent Hall 213, In Person Term Based; Christopher Taylor ; 1-5 cr.
69986 002 LEC, 13:30-16:30 T, Peik Gymnasium G65, In Person Term Based; Brenda Child ; 1-5 cr.

3993 Directed Studies**(Student Option; Prereq: instr consent)**

49379 001 IND, 00:00-00:00 , , In Person Term Based; 1-9 cr.

4101 Gender, Sexuality, and Politics in America**(Student Option; DSJ,HIS)**

50881 001 LEC, 12:45-14:00 TTh, Scott Hall 4, In Person Term Based; Sasha Suarez ; 3 cr.

4962W Second Proseminar in American Studies**(Student Option; Prereq: AmSt sr or instr consentWI)**

50335 001 LEC, 16:00-18:30 W, Appleby Hall 223, In Person Term Based; Jennifer Pierce ; 3 cr.

5412 Comparative Indigenous Feminisms**(Student Option; GP)**

70330 001 LEC, 16:00-18:30 Th, Nicholson Hall 110, In Person Term Based; Meets With: 001 CHIC 3412001 CHIC 5412001 AMIN 5412; Gabriela Spears-Rico ; 3 cr.

8202 Theoretical Foundations and Current Practice in American Studies**(Student Option; Prereq: grad AmSt major or instr consent or dept consent)**

49236 001 LEC, 13:25-15:20 M, Bruininks Hall 123, In Person Term Based; Jennifer Pierce ; 3 cr.

8289 Ethnographic Research Methods: Research Strategies in American Studies**(Student Option; Prereq: 8288 or instr consent)**

67321 001 LEC, 14:30-16:25 W, Wulling Hall 220, In Person Term Based; Kale Fajardo ; 3 cr.

8401 Practicum in American Studies**(S-N or Audit; Prereq: instr consent)**

50141 001 FWK, 13:25-15:20 T, Ford Hall B60, In Person Term Based; BIANET CASTELLANOS ; 3 cr.

8444 FTE: Doctoral**(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)**

49561 001 IND, In Person Term Based; 1 cr.

8888 Thesis Credit: Doctoral**(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)**

49642 001 IND, In Person Term Based; 1-24 cr.

8970 Independent Study in American Studies**(Student Option; Prereq: instr consent, dept consent)**

49336 001 IND, 00:00-00:00 , , In Person Term Based; 1-9 cr.

Anatomy (ANAT)**3601 Principles of Human Anatomy**

(Student Option; Prereq: [BIOL 1002 or BIOL 1009 or BIOL 2002 or equiv], [concurrent registration is required (or allowed) in 3602 or concurrent registration is required (or allowed) in 3612], at least soph)
58559 001 LEC, 9:05-9:55 MWF, 10 Church Street SE 100, In Person Term Based; Anthony Weinhaus ; 3 cr.

3602 Principles of Human Anatomy Laboratory

(Student Option; Prereq: 3001 or 3301 or INMD 3001 or 3301 or concurrent registration is required (or allowed) in 3601 or concurrent registration is required (or allowed) in 3611)

58541 001 LAB, 10:10-12:05 M, Jackson Hall 5-151, In Person Term Based; Anthony Weinhaus ; 2 cr.
58542 002 LAB, 12:20-14:15 M, Jackson Hall 5-151, In Person Term Based; 2 cr.
58543 003 LAB, 14:30-16:25 M, Jackson Hall 5-151, In Person Term Based; 2 cr.
58544 004 LAB, 10:10-12:05 T, Jackson Hall 5-151, In Person Term Based; 2 cr.
58545 005 LAB, 12:20-14:15 T, Jackson Hall 5-151, In Person Term Based; 2 cr.
58546 006 LAB, 14:30-16:25 T, Jackson Hall 5-151, In Person Term Based; Anthony Weinhaus ; 2 cr.
58547 007 LAB, 10:10-12:05 W, Jackson Hall 5-151, In Person Term Based; Anthony Weinhaus ; 2 cr.
58548 008 LAB, 12:20-14:15 W, Jackson Hall 5-151, In Person Term Based; 2 cr.

3608H Principles of Human Anatomy Laboratory for Honors Students

(A-F only; Prereq: [concurrent registration is required (or allowed) in 3601 or concurrent registration is required (or allowed) in 3611] or 3001], sophomore, junior or senior, honors)

58580 001 LAB, 9:05-12:05 Th, AHC ROOM TBA, 10:10-12:05 M, AHC ROOM TBA, In Person Term Based; Anthony Weinhaus ; 3 cr.

58581 002 LAB, 9:05-12:05 Th, AHC ROOM TBA, 12:20-14:15 M, AHC ROOM TBA, In Person Term Based; Anthony Weinhaus ; 3 cr.
 58582 003 LAB, 9:05-12:05 Th, AHC ROOM TBA, 14:30-16:25 M, AHC ROOM TBA, In Person Term Based; Anthony Weinhaus ; 3 cr.
 58583 004 LAB, 9:05-12:05 Th, AHC ROOM TBA, 10:10-12:05 T, AHC ROOM TBA, In Person Term Based; Anthony Weinhaus ; 3 cr.
 58584 005 LAB, 9:05-12:05 Th, AHC ROOM TBA, 12:20-14:15 T, AHC ROOM TBA, In Person Term Based; Anthony Weinhaus ; 3 cr.
 58585 006 LAB, 9:05-12:05 Th, AHC ROOM TBA, 14:30-16:25 T, AHC ROOM TBA, In Person Term Based; Anthony Weinhaus ; 3 cr.
 58586 007 LAB, 9:05-12:05 Th, AHC ROOM TBA, 10:10-12:05 W, AHC ROOM TBA, In Person Term Based; Anthony Weinhaus ; 3 cr.
 58587 008 LAB, 9:05-12:05 Th, AHC ROOM TBA, 12:20-14:15 W, AHC ROOM TBA, In Person Term Based; Anthony Weinhaus ; 3 cr.

3611 Principles of Human Anatomy

(Student Option; Prereq: [BIOL 1002 or BIOL 1009 or BIOL 2002 or equiv], at least soph; [concurrent registration is required (or allowed) in 3602 or concurrent registration is required (or allowed) in 3612 recommended])
 58549 001 LEC, 16:30-17:45 TTh, Moos Health Sci Tower 2-620, In Person Term Based; Anthony Weinhaus ; 3 cr.

3612 Principles of Human Anatomy Laboratory

(Student Option; Prereq: 3001 or 3301 or INMD 3001 or 3301 or concurrent registration is required (or allowed) in 3601 or concurrent registration is required (or allowed) in 3611)
 58550 001 LAB, 18:00-20:00 M, Jackson Hall 5-151, In Person Term Based; Anthony Weinhaus ; 2 cr.
 58551 002 LAB, 18:00-20:00 W, Jackson Hall 5-151, In Person Term Based; 2 cr.
 58552 003 LAB, 18:00-20:00 Th, Jackson Hall 5-151, In Person Term Based; 2 cr.

4900 Directed Studies in Anatomy

(S-N only; Prereq: instr consent)
 58553 001 IND, 00:00-00:00 , , In Person Term Based; Anthony Weinhaus ; 1-6 cr.

7600 Advanced Topics in Anatomy

(P-N only; Prereq: instr consent)
 58554 001 LEC, 00:00-00:00 , , In Person Term Based; Anthony Weinhaus ; 1-15 cr.

7601 Advanced Clinical Gross Anatomy I

(P-N only; Prereq: 6150 or instr consent)
 58593 001 LAB, 00:00-00:00 , , In Person Term Based; 2-8 cr.

7800 Integrated Preparation for Internship

(H-N only;)
 58661 004 LAB, 00:00-00:00 , , In Person Term Based; Peter Kernahan, James Harmon ; 4 cr.

Anesthesiology (ANES)

5588 Advanced Clinical Physiology II for Nurse Anesthetists

(A-F or Audit; Prereq: Advanced Clinical Physiology I for Nurse Anesthetists)
 58324 001 LEC, In Person Term Based; 3 cr.

7015 Directed Study, Anesthesia Topics/ Project Course Development

(H-N or Audit;)
 58325 001 LEC, In Person Term Based; 1-15 cr.

7181 Introduction to Anesthesiology

(H-N only;)
 59222 011 ROT, In Person Term Based; 2 cr.
 68349 012 ROT, In Person Term Based; 2 cr.
 68350 021 ROT, In Person Term Based; 2 cr.
 68351 022 ROT, In Person Term Based; 2 cr.
 68352 031 ROT, In Person Term Based; 2 cr.
 68353 032 ROT, In Person Term Based; 2 cr.
 68354 041 ROT, In Person Term Based; 2 cr.
 68355 042 ROT, In Person Term Based; 2 cr.

7182 Anesthesiology Research

(H-N only;)
 58327 099 IND, In Person Term Based; 8 cr.

7183 Anesthesiology Advanced Elective

(H-N only;)
 58534 001 ROT, In Person Term Based; 4 cr.
 59225 002 ROT, In Person Term Based; 4 cr.
 59226 003 ROT, In Person Term Based; 4 cr.
 59227 004 ROT, In Person Term Based; 4 cr.

7186 Clinical Practice in Anesthesia

(H-N or Audit;)
 58328 001 LEC, In Person Term Based; 15 cr.

7286 Directed Study Anesthesia Project:

Clinical
 (H-N or Audit;)
 58329 001 LEC, In Person Term Based; 1-15 cr.

8269 Research in Anesthesia

(Student Option;)
 58330 001 LEC, In Person Term Based; 1 cr.

Animal Science (ANSC)

1101 Introductory Animal Science

(Student Option;)
 52893 001 LEC, 8:30- 9:20 MWF, Ruttan Hall B45, In Person Term Based; Anthony Seykora ; 4 cr.
 52895 003 LAB, 10:40-12:35 Th, Haecker Hall 365, In Person Term Based; Anthony Seykora ; 4 cr.
 52896 004 LAB, 12:50-14:45 Th, Haecker Hall 365, In Person Term Based; Anthony Seykora ; 4 cr.

1201 Backyard Chickens - Science and Practice

(Student Option;)
 53520 001 LEC, Completely Online; Anup Kollanoor Johnny ; 3 cr.

1205 Animal Handling - Livestock

(A-F only;)
 53525 001 LAB, 15:00-17:00 F, No Room Required, In Person Term Based; Anthony Seykora ; 1 cr.

1403 Companion Animal Nutrition and Care

(Student Option;)
 52919 001 LEC, Completely Online; Marshall Stern ; 3 cr.

2012 Livestock and Carcass Evaluation

(Student Option;)
 52897 001 LAB, 15:00-16:55 TTh, Andrew Boss Laboratory 125, In Person Term Based; Kyle Rozeboom ; 3 cr.

2015 Animal Welfare Science and Ethics

(A-F only;)
 69870 001 LEC, 13:30-14:45 MW, Ruttan Hall B35, In Person Term Based; Beth Ventura ; 3 cr.

2016 Introduction to Applied Animal

Behavior
 (A-F only;)
 69871 001 LEC, 8:45-10:00 TTh, Ruttan Hall B35, In Person Term Based; Beth Ventura ; 3 cr.

3007 Equine Nutrition

(Student Option; Prereq: 2401)
 53239 001 LEC, 13:30-14:45 TTh, Haecker Hall 430, In Person Term Based; Marcia Hathaway ; 3 cr.

3011 Statistics for Animal Science

(Student Option;)
 53001 001 LEC, 10:15-11:30 TTh, Ruttan Hall B35, In Person Term Based; Mary Raeth ; 4 cr.
 53334 002 LAB, 12:50-14:45 W, Lrng & Environmental Sci 220, In Person Term Based; Mary Raeth ; 4 cr.
 53335 003 LAB, 13:55-15:50 W, Lrng & Environmental Sci 230, In Person Term Based; Mary Raeth ; 4 cr.

3092 Undergraduate Research in Animal

Science
 (A-F only;)
 53284 001 IND, Independent/Directed Study; 1-3 cr.

3141 Advanced Dairy Judging

(Student Option; Prereq: 2011 or instr consent)
 53003 001 LAB, 15:00-17:30 W, Haecker Hall 265G, In Person Term Based; Leslie Hansen ; 1 cr.

3203W Environment, Global Food

Production, and the Citizen
 (Student Option; GP,WI)

53161 001 LEC, 13:30-14:45 TTh, Biological Sciences Ctr 64, In Person Term Based; Meets With: 001 AGRO 3203W; Mary Raeth, Mary Brakke ; 3 cr.

3301 Human and Animal Physiology

(Student Option; Prereq: Must have taken a Biology and Chemistry course.)
 53302 001 LEC, 12:50-13:40 MWF, Biological Sciences Ctr 64, In Person Term Based; Melissa Palmer ; 3 cr.

3302 Human and Animal Physiology

Laboratory
 (Student Option; Prereq: 3301 or concurrent registration is required (or allowed) in 3301)
 53333 001 LAB, 8:30-10:25 Th, Andrew Boss Laboratory 365, In Person Term Based; Melissa Palmer ; 1 cr.
 53404 002 LAB, 10:40-12:35 Th, Andrew Boss Laboratory 365, In Person Term Based; Melissa Palmer ; 1 cr.
 53405 003 LAB, 12:50-14:45 Th, Andrew Boss Laboratory 365, In Person Term Based; Melissa Palmer ; 1 cr.
 53519 004 LAB, 15:00-16:55 Th, Andrew Boss Laboratory 365, In Person Term Based; Melissa Palmer ; 1 cr.
 68494 005 LAB, 17:10-19:05 Th, Andrew Boss Laboratory 365, In Person Term Based; Melissa Palmer ; 1 cr.

3307 Artificial Insemination Techniques

(S-N or Audit; Prereq: instr consent)
 53094 001 LAB, In Person Term Based; Anthony Seykora ; 1 cr.

3511 Animal Growth and Development

(Student Option; Prereq: College-level biology course)
 52903 001 LEC, 10:15-11:30 TTh, Haecker Hall 205, In Person Term Based; 3 cr.

3555 Applied Livestock and Poultry

Microbiology
 (A-F only; Prereq: Instructor Permission)
 70590 001 LAB, 14:00-15:00 Th, , 14:00-16:00 W, , In Person Term Based; Meets With: 001 ANSC 5555; Anup Kollanoor Johnny ; 2 cr.

3609 Business Planning for Animal

Enterprises
 (Student Option;)
 70049 001 LEC, 13:55-15:55 F, Haecker Hall 205, In Person Term Based; Samuel Baidoo, Anup Kollanoor Johnny ; 2 cr.

4009W Undergraduate Research Thesis

(A-F or Audit; Prereq: Jr or sr major in AnSc, instr consentW)
 52952 001 IND, 00:00-00:00 , , In Person Term Based; Laura Mauro ; 1-6 cr.

4092 Special Problems in Animal Science

(Student Option; Prereq: instr consent)
 52921 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

4093 Tutorial in Animal Science

(Student Option; Prereq: instr consent)
 52922 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

4096 Professional Experience Program:

Internship
 (A-F only; Prereq: CFANS undergrad, instr consent, agreement form)
 52920 001 FWK, 00:00-00:00 , , In Person Term Based; Marshall Stern ; 1-3 cr.
 53258 002 FWK, 00:00-00:00 , , Independent/Directed Study; Brian Crooker ; 1-3 cr.
 53259 003 FWK, Independent/Directed Study; Beth Ventura ; 1-3 cr.
 53260 004 FWK, Independent/Directed Study; Sally Noll ; 1-3 cr.
 53262 006 FWK, 00:00-00:00 , , Independent/Directed Study; Leslie Hansen ; 1-3 cr.
 53263 007 FWK, 00:00-00:00 , , Independent/Directed Study; Marcia Hathaway ; 1-3 cr.
 53264 008 FWK, 00:00-00:00 , , Independent/Directed Study; Scott O'Grady ; 1-3 cr.
 53266 010 FWK, 00:00-00:00 , , Independent/Directed Study; Laura Mauro ; 1-3 cr.
 53268 012 FWK, 00:00-00:00 , , Independent/Directed Study; Anthony Seykora ; 1-3 cr.
 53269 013 FWK, 00:00-00:00 , , Independent/Directed Study; Gerald Shurson ; 1-3 cr.
 53277 017 FWK, 00:00-00:00 , , Independent/Directed Study; Kyle Rozeboom ; 1-3 cr.
 53292 018 FWK, 00:00-00:00 , , Independent/Directed Study; Mary Raeth ; 1-3 cr.

4403 Ruminant Nutrition

(Student Option; Prereq: 2401)

52918 001 LEC, 10:40-11:30 MWF, Ruttan Hall B25, In Person Term Based; Marshall Stern ; 3 cr.

4602 Sheep Production Systems**Management**

(Student Option;)

53279 001 LEC, 12:50-13:40 MWF, Haecker Hall 205, In Person Term Based; Kyle Rozeboom ; 4 cr.
53280 002 LAB, 13:50-15:30 W, Ruttan Hall B42, In Person Term Based; Kyle Rozeboom ; 4 cr.**4604 Dairy Production Systems****Management**

(Student Option; Prereq: Pre-req: AnSc 1101, AnSc 2401 Concurrent registration is not allowed in 4614)

52900 001 LEC, 16:05-17:50 M, Haecker Hall 205, In Person Term Based; Marcia Endres ; 4 cr.
52901 002 LAB, 13:05-17:50 T, Haecker Hall 205, In Person Term Based; Marcia Endres ; 4 cr.**4614 Advanced Dairy Production Systems Management**

(Student Option; Prereq: 4604)

52959 001 LEC, 13:05-17:50 Th, Haecker Hall 205, In Person Term Based; Marcia Endres ; 4 cr.
52960 002 LAB, 13:05-17:50 T, No Room Required, In Person Term Based; Marcia Endres ; 4 cr.**5091 Research Proposals: From Ideas to Strategic Plans**

(Student Option; Prereq: There are no prerequisites, however, having taken ANSC 3011 Statistics for Animal Science is desirable.WI)

53522 001 LEC, 15:00-16:30 TTh, Animal Science / Vet Med 495J, In Person Term Based; Meets With: 001 CFAN 3091V; Milena Saqui-Salces ; 3 cr.

5099 Special Workshop in Animal Science

(Student Option; Prereq: instr consent)

53047 001 LEC, 00:00-00:00 , , In Person Term Based; 1-6 cr.
53428 002 LEC, 00:00-00:00 , , In Person Term Based; Federico Ponce de Le?n, Charles Muscloppl ; 1-6 cr.**5555 Applied Livestock and Poultry****Microbiology**

(A-F only;)

70591 001 LAB, 14:00-15:00 Th, , 14:00-16:00 W, , In Person Term Based; Meets With: 001 ANSC 3555; Anup Kollanoor Johnny ; 2 cr.

5626 Nutritional Physiology

(A-F only;)

53436 001 LEC, 8:45-10:00 TTh, Ruttan Hall 143, In Person Term Based; Meets With: 001 NUTR 5626; Milena Saqui-Salces ; 3 cr.

8011 Applied Statistical Models and Analysis for Animal Science Professionals

(A-F only; Prerequisites: STAT 3021 or 5021: Statistical Analysis or equivalent, or consent of instructors)

70235 001 LEC, In Person Term Based; Alfredo DiCostanzo, Bradley Heins ; 3 cr.

8141 Mixed Model Methods for Genetic Analysis

(A-F or Audit; Prereq: 5200 or CMB 5200 or equiv)

53294 001 LEC, 14:00-16:00 TTh, Haecker Hall 265G, In Person Term Based; Yang Da ; 2 cr.

8194 Research in Animal Genetics

(Student Option; Prereq: instr consent)

53048 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8211 Animal Growth and Development

(Student Option; Prereq: instr consent)

53124 001 LEC, 8:30-10:15 MW, Haecker Hall 365, In Person Term Based; 3 cr.

8294 Research in Muscle Chemistry and Physiology

(Student Option; Prereq: instr consent)

53049 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8311 Animal Bioenergetics

(A-F or Audit; Prereq: instr consent; BIOC 4331 recommended)

53181 001 LEC, 00:00-00:00 , , In Person Term Based; Alfredo DiCostanzo, Samuel Baidoo ; 3 cr.

8320 Concepts and Developments in Nutritional Physiology

(A-F or Audit; Prereq: instr consent)

52954 001 DIS, 00:00-00:00 , , In Person Term Based; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

53014 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8394 Research in Animal Nutrition

(Student Option; Prereq: instr consent)

53050 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

53031 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8494 Research in Animal Physiology

(Student Option; Prereq: instr consent)

53051 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8510 Graduate Seminar

(Student Option; Prereq: instr consent)

53009 001 LEC, 15:00-16:00 M, Haecker Hall 365, In Person Term Based; Marshall Stern ; 1 cr.

8594 Research in Animal Science

(Student Option; Prereq: instr consent)

53052 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

53043 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

53061 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

53081 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8990 Curricular Practical Training

(S-N only; Prereq: AnSc grad student, dept consent)

69511 001 IND, In Person Term Based; Gerald Shurson ; 1 cr.

Anthropology (ANTH)**1001 Human Evolution**

(Student Option; BIOL)

49061 001 LEC, 11:15-12:30 TTh, Willey Hall 175, In Person Term Based; Gilbert Tostevin ; 4 cr.

49061 001 LEC, 11:15-12:30 TTh, Willey Hall 175, In Person Term Based; Gilbert Tostevin ; 4 cr.

49062 003 LAB, 11:15-13:15 M, Blegen Hall 345, In Person Term Based; 4 cr.

49063 004 LAB, 13:30-15:30 M, Blegen Hall 345, In Person Term Based; 4 cr.

49064 005 LAB, 15:45-17:45 M, Blegen Hall 345, In Person Term Based; 4 cr.

49065 006 LAB, 8:45-10:45 T, Blegen Hall 345, In Person Term Based; 4 cr.

49066 007 LAB, 13:00-15:00 T, Blegen Hall 345, In Person Term Based; 4 cr.

49067 008 LAB, 15:15-17:15 T, Blegen Hall 345, In Person Term Based; 4 cr.

49068 009 LAB, 9:00-11:00 W, Blegen Hall 345, In Person Term Based; 4 cr.

49069 010 LAB, 11:15-13:15 W, Blegen Hall 345, In Person Term Based; 4 cr.

49070 011 LAB, 13:30-15:30 W, Blegen Hall 345, In Person Term Based; 4 cr.

49071 013 LAB, 13:00-15:00 Th, Blegen Hall 345, In Person Term Based; 4 cr.

49072 020 LEC, 18:30-21:00 W, Blegen Hall 255, In Person Term Based; Niki Garrett ; 4 cr.

49393 002 LAB, 9:00-11:00 M, Blegen Hall 345, In Person Term Based; 4 cr.

49409 021 LAB, 18:00-20:00 Th, Blegen Hall 345, In Person Term Based; 4 cr.

49410 022 LAB, 18:00-20:00 M, Blegen Hall 345, In Person Term Based; 4 cr.

51743 012 LAB, 9:05-11:00 Th, Blegen Hall 345, In Person Term Based; 4 cr.

67641 014 LAB, 15:15-17:15 Th, Blegen Hall 345, In Person Term Based; 4 cr.

70532 023 LAB, 18:00-20:00 T, Blegen Hall 205, In Person Term Based; 4 cr.

1002 Cultural Heritage and Archaeology

(Student Option;)

52597 001 DIS, 13:00-14:50 MW, Blegen Hall 235, In Person Term Based; Rebecca Bria ; 4 cr.

1003V Understanding Cultures: Honors

(A-F only; Prereq: HonorsGP,WI,SOCs)

50966 001 LEC, 9:45-11:00 TTh, Anderson Hall 210, In Person Term Based; Meets With: 001 ANTH 1003W; Meryl Lodge ; 4 cr.

51332 002 DIS, 11:15-12:05 Th, Social Sciences Building 278, In Person Term Based; Meryl Lodge ; 4 cr.

1003W Understanding Cultures

(Student Option; GP,WI,SOCs)

49753 001 LEC, 9:45-11:00 TTh, Anderson Hall 210, In Person Term Based; Meets With: 001 ANTH 1003V; Meryl Lodge ; 4 cr.

51325 002 DIS, 14:30-15:20 M, Blegen Hall 210, In Person Term Based; 4 cr.

51326 003 DIS, 11:15-12:05 T, Blegen Hall 210, In Person Term Based; 4 cr.

51327 004 DIS, 14:30-15:20 T, Blegen Hall 430, In Person Term Based; 4 cr.

51328 005 DIS, 10:10-11:00 W, Blegen Hall 225, In Person Term Based; 4 cr.

51329 007 DIS, 11:15-12:05 Th, Blegen Hall 260, In Person Term Based; 4 cr.

51330 006 DIS, 12:20-13:10 Th, Blegen Hall 115, In Person Term Based; 4 cr.

51331 020 LEC, 18:20-21:30 T, Anderson Hall 230, In Person Term Based; Rebecca Bria ; 4 cr.

1911W Changing Human Adaptations

(Student Option No Audit; ENV,WI)

67672 001 DIS, 13:00-14:15 TTh, Blegen Hall 260, In Person Term Based; Martha Tappen ; 3 cr.

1912 Time: Now and Then

(Student Option No Audit;)

67658 001 DIS, 9:45-11:00 MW, Hubert H. Humphrey School 30, In Person Term Based; David Valentine ; 3 cr.

2006 Humans and Aliens: Learning**Anthropology through Science Fiction**

(Student Option; GP)

67655 001 LEC, 9:05- 9:55 MWF, Anderson Hall 250, In Person Term Based; Meets With: 001 ANTH 3006; Gilbert Tostevin ; 3 cr.

3002 Sex, Evolution, and Behavior:**Examining Human Evolutionary Biology**

(A-F or Audit;)

50965 001 LEC, 9:45-11:00 TTh, Anderson Hall 350, In Person Term Based; Meets With: 001 EEB 3002; Michael Wilson ; 4 cr.

51004 002 LAB, 10:10-11:00 M, Blegen Hall 318, In Person Term Based; Meets With: 002 EEB 3002; 4 cr.

51005 003 LAB, 11:15-12:05 T, Blegen Hall 318, In Person Term Based; Meets With: 003 EEB 3002; 4 cr.

51006 004 LAB, 14:30-15:20 T, Blegen Hall 318, In Person Term Based; Meets With: 004 EEB 3002; 4 cr.

51007 005 LAB, 11:15-12:05 Th, Blegen Hall 318, In Person Term Based; Meets With: 005 EEB 3002; 4 cr.

3003 Cultural Anthropology

(Student Option;)

51319 001 LEC, 11:15-12:30 MW, Anderson Hall 250, In Person Term Based; Steven Kensingler ; 3 cr.

3005W Language, Culture, and Power

(Student Option; DSJ,WI,SOCs)

69338 001 LEC, 18:20-21:30 Th, Blegen Hall 255, In Person Term Based; Timothy Gitzen ; 4 cr.

3006 Humans and Aliens: Learning Anthropology through Science Fiction**(Student Option; GP)**

67656 001 LEC, 9:05-9:55 MWF, Anderson Hall 250, In Person Term Based; Meets With: 001 ANTH 2006; Gilbert Tostevin ; 3 cr.

3008 Introduction to Flintknapping**(A-F or Audit;)**

67681 001 LAB, 13:00-16:00 F, Blegen Hall 318, In Person Term Based; Meets With: 001 ANTH 5008; Gilbert Tostevin ; 3 cr.

3009 Prehistoric Pathways to World**Civilizations****(Student Option; HIS)**

49073 001 LEC, 9:45-11:00 MW, Blegen Hall 5, In Person Term Based; Meets With: 001 HIST 3066001 ANTH 8009; Peter Wells ; 3 cr.

3023 Culture and Society of India**(Student Option; GP,SOCS)**

67677 001 LEC, 14:30-17:00 W, Blegen Hall 435, In Person Term Based; Meets With: 001 GLOS 3961; Gloria Raheja ; 3 cr.

3035 Anthropologies of Death**(A-F or Audit; GP,SOCS)**

67660 001 LEC, 13:00-14:15 MW, Blegen Hall 135, In Person Term Based; Jean Langford ; 3 cr.

3043 Art, Aesthetics and Anthropology**(Student Option;)**

67670 001 DIS, 11:15-12:30 TTh, Blegen Hall 125, In Person Term Based; Hoon Song ; 3 cr.

3306W Medical Anthropology**(A-F or Audit; Prereq: 1003 or 1005 or entry level soc sci course recommendedGP,WI)**

51731 001 LEC, 18:00-20:30 W, Anderson Hall 270, In Person Term Based; Amirpouyan Shiva ; 3 cr.

3405 Human Skeletal Analysis**(Student Option;)**

67664 001 LEC, 14:30-16:25 M, Blegen Hall 318, In Person Term Based; Meets With: 001 ANTH 5405; Anna Hardin ; 4 cr.

67665 002 LAB, 14:30-15:20 W, Blegen Hall 318, In Person Term Based; Meets With: 002 ANTH 5405; 4 cr.

3913 Senior Project Planning**(A-F only; Prereq: [Jr or sr] anth major, instr consent)**

49074 001 IND, 00:00-00:00 , In Person Term Based; William Beeman ; 1 cr.

51075 003 IND, 00:00-00:00 , In Person Term Based; Katherine Hayes ; 1 cr.

51076 004 IND, 00:00-00:00 , In Person Term Based; Karen Ho ; 1 cr.

51077 005 IND, 00:00-00:00 , In Person Term Based; Jean Langford ; 1 cr.

51078 006 IND, 00:00-00:00 , In Person Term Based; David Lipset ; 1 cr.

51079 008 IND, 00:00-00:00 , In Person Term Based; Stuart McLean ; 1 cr.

51080 009 IND, 00:00-00:00 , In Person Term Based; Kieran McNulty ; 1 cr.

51081 010 IND, 00:00-00:00 , In Person Term Based; Gilliane Monnier ; 1 cr.

51082 011 IND, 00:00-00:00 , In Person Term Based; Gloria Raheja ; 1 cr.

51083 012 IND, 00:00-00:00 , In Person Term Based; Hoon Song ; 1 cr.

51084 013 IND, 00:00-00:00 , In Person Term Based; Martha Tappen ; 1 cr.

51085 014 IND, 00:00-00:00 , In Person Term Based; Karen-Sue Taussig ; 1 cr.

51086 015 IND, 00:00-00:00 , In Person Term Based; Gilbert Tostevin ; 1 cr.

51087 016 IND, 00:00-00:00 , In Person Term Based; David Valentine ; 1 cr.

51088 017 IND, 00:00-00:00 , In Person Term Based; Peter Wells ; 1 cr.

51089 018 IND, 00:00-00:00 , In Person Term Based; Michael Wilson ; 1 cr.

70416 019 IND, In Person Term Based; Erin Durban-Albrecht ; 1 cr.

70443 020 IND, In Person Term Based; Serra Hakyemez ; 1 cr.

70444 021 IND, In Person Term Based; Steven Kosiba ; 1 cr.

4001 Advanced Method and Theory in**Archaeology****(Student Option;)**

67673 001 LEC, 14:30-15:45 TTh, Blegen Hall 205, In Person Term Based; Meets With: 002 ANTH 8510; Gilliane Monnier ; 3 cr.

4003W Contemporary Perspectives in Cultural Anthropology**(A-F or Audit; Prereq: [1003 or 1005], or instr consentWI)**

67675 001 LEC, 14:30-15:45 TTh, Blegen Hall 210, In Person Term Based; Gloria Raheja ; 3 cr.

4007 Laboratory Techniques in**Archaeology****(Student Option; Prereq: instr consent)**

50343 001 FWK, 00:00-00:00 , In Person Term Based; Meets With: 001 ANTH 4007H; Matt Edling ; 1-4 cr.

4007H Honors: Laboratory Techniques in**Archaeology****(A-F only;)**

67558 001 FWK, 00:00-00:00 , In Person Term Based; Meets With: 001 ANTH 4007; Matt Edling ; 1-4 cr.

4013 Senior Project**(Student Option; Prereq: sr major, instr consent)**

49117 001 IND, 00:00-00:00 , In Person Term Based; William Beeman ; 3 cr.

51090 003 IND, 00:00-00:00 , In Person Term Based; Katherine Hayes ; 3 cr.

51091 004 IND, 00:00-00:00 , In Person Term Based; Karen Ho ; 3 cr.

51092 005 IND, 00:00-00:00 , In Person Term Based; Jean Langford ; 3 cr.

51093 006 IND, 00:00-00:00 , In Person Term Based; David Lipset ; 3 cr.

51094 008 IND, 00:00-00:00 , In Person Term Based; Stuart McLean ; 3 cr.

51095 009 IND, 00:00-00:00 , In Person Term Based; Kieran McNulty ; 3 cr.

51096 010 IND, 00:00-00:00 , In Person Term Based; Gilliane Monnier ; 3 cr.

51097 011 IND, 00:00-00:00 , In Person Term Based; Gloria Raheja ; 3 cr.

51098 012 IND, 00:00-00:00 , In Person Term Based; Hoon Song ; 3 cr.

51099 013 IND, 00:00-00:00 , In Person Term Based; Martha Tappen ; 3 cr.

51100 014 IND, 00:00-00:00 , In Person Term Based; Karen-Sue Taussig ; 3 cr.

51101 015 IND, 00:00-00:00 , In Person Term Based; Gilbert Tostevin ; 3 cr.

51102 016 IND, 00:00-00:00 , In Person Term Based; David Valentine ; 3 cr.

51103 017 IND, 00:00-00:00 , In Person Term Based; Peter Wells ; 3 cr.

51104 018 IND, 00:00-00:00 , In Person Term Based; Michael Wilson ; 3 cr.

70417 019 IND, In Person Term Based; Erin Durban-Albrecht ; 3 cr.

70445 020 IND, In Person Term Based; Serra Hakyemez ; 3 cr.

70446 021 IND, In Person Term Based; Steven Kosiba ; 3 cr.

4013H Senior Honors Thesis Project**(A-F only; Prereq: Sr major, honors student, instr consent)**

51596 001 IND, 00:00-00:00 , In Person Term Based; William Beeman ; 3 cr.

51597 003 IND, 00:00-00:00 , In Person Term Based; Katherine Hayes ; 3 cr.

51598 004 IND, 00:00-00:00 , In Person Term Based; Karen Ho ; 3 cr.

51599 005 IND, 00:00-00:00 , In Person Term Based; Jean Langford ; 3 cr.

51600 006 IND, 00:00-00:00 , In Person Term Based; David Lipset ; 3 cr.

51601 008 IND, 00:00-00:00 , In Person Term Based; Stuart McLean ; 3 cr.

51602 009 IND, 00:00-00:00 , In Person Term Based; Kieran McNulty ; 3 cr.

51603 010 IND, 00:00-00:00 , In Person Term Based; Gilliane Monnier ; 3 cr.

51604 011 IND, 00:00-00:00 , In Person Term Based; Gloria Raheja ; 3 cr.

51605 012 IND, 00:00-00:00 , In Person Term Based; Hoon Song ; 3 cr.

51606 013 IND, 00:00-00:00 , In Person Term Based; Martha Tappen ; 3 cr.

51607 014 IND, 00:00-00:00 , In Person Term Based; Karen-Sue Taussig ; 3 cr.

51608 015 IND, 00:00-00:00 , In Person Term Based; Gilbert Tostevin ; 3 cr.

51609 016 IND, 00:00-00:00 , In Person Term Based; David Valentine ; 3 cr.

51610 017 IND, 00:00-00:00 , In Person Term Based; Peter Wells ; 3 cr.

51611 018 IND, 00:00-00:00 , In Person Term Based; Michael Wilson ; 3 cr.

70447 019 IND, In Person Term Based; Erin Durban-Albrecht ; 3 cr.

70448 020 IND, In Person Term Based; Serra Hakyemez ; 3 cr.

70449 021 IND, In Person Term Based; Steven Kosiba ; 3 cr.

4031W Anthropology and Social Justice**(Student Option; Prereq: 1003 or 1005 or 4003 or grad student or instr consentWI,CIV)**

67659 001 DIS, 13:00-14:15 MW, Hubert H. Humphrey School 389, In Person Term Based; David Valentine ; 4 cr.

4043 Romans, Anglo-Saxons and Vikings: Archaeology of Northern Europe**(Student Option;)**

52404 001 LEC, 14:00-16:30 T, Hubert H. Humphrey School 389, In Person Term Based; Meets With: 001 MEST 4043001 ANTH 8510; Peter Wells ; 3 cr.

4049 Religion and Culture**(Student Option; Prereq: 1003 or 1005 or instr consent)**

51612 001 LEC, 16:00-17:15 TTh, Blegen Hall 145, In Person Term Based; Meets With: 001 RELS 4049; Hoon Song ; 3 cr.

4121 Business Anthropology**(Student Option;)**

52413 001 LEC, 9:30-12:00 W, Akerman Hall 211, In Person Term Based; Meets With: 001 ANTH 5121; Robert Skoro ; 3 cr.

4991 Independent Study**(Student Option; Prereq: instr consent)**

51105 003 IND, 00:00-00:00 , In Person Term Based; Katherine Hayes ; 1-6 cr.

51106 004 IND, 00:00-00:00 , In Person Term Based; Karen Ho ; 1-6 cr.

51107 005 IND, 00:00-00:00 , In Person Term Based; Jean Langford ; 1-6 cr.

51108 006 IND, 00:00-00:00 , In Person Term Based; David Lipset ; 1-6 cr.

51109 008 IND, 00:00-00:00 , In Person Term Based; Stuart McLean ; 1-6 cr.

51110 009 IND, 00:00-00:00 , In Person Term Based; Kieran McNulty ; 1-6 cr.

51111 010 IND, 00:00-00:00 , In Person Term Based; Gilliane Monnier ; 1-6 cr.

51112 011 IND, 00:00-00:00 , In Person Term Based; Gloria Raheja ; 1-6 cr.

51113 012 IND, 00:00-00:00 , In Person Term Based; Hoon Song ; 1-6 cr.

51114 013 IND, 00:00-00:00 , In Person Term Based; Martha Tappen ; 1-6 cr.

51115 014 IND, 00:00-00:00 , In Person Term Based; Karen-Sue Taussig ; 1-6 cr.

51116 015 IND, 00:00-00:00 , In Person Term Based; Gilbert Tostevin ; 1-6 cr.

51117 016 IND, 00:00-00:00 , In Person Term Based; David Valentine ; 1-6 cr.

51118 017 IND, 00:00-00:00 , In Person Term Based; Peter Wells ; 1-6 cr.

51119 018 IND, 00:00-00:00 , In Person Term Based; Michael Wilson ; 1-6 cr.

70451 019 IND, In Person Term Based; Erin Durban-Albrecht ; 1-6 cr.

70452 020 IND, In Person Term Based; Serra Hakyemez ; 1-6 cr.

70453 021 IND, In Person Term Based; Steven Kosiba ; 1-6 cr.

4992 Directed Readings**(Student Option; Prereq: instr consent)**

49075 001 IND, 00:00-00:00 , In Person Term Based; William Beeman ; 1-6 cr.

51120 003 IND, 00:00-00:00 , In Person Term Based; Katherine Hayes ; 1-6 cr.

51121 004 IND, 00:00-00:00 , In Person Term Based; Karen Ho ; 1-6 cr.

51122 005 IND, 00:00-00:00 , In Person Term Based; Jean Langford ; 1-6 cr.

51123 006 IND, 00:00-00:00 , In Person Term Based; David Lipset ; 1-6 cr.

51124 008 IND, 00:00-00:00 , In Person Term Based; Stuart McLean ; 1-6 cr.

51125 009 IND, 00:00-00:00 , In Person Term Based; Kieran McNulty ; 1-6 cr.

51126 010 IND, 00:00-00:00 , In Person Term Based; Gilliane Monnier ; 1-6 cr.

51127 011 IND, 00:00-00:00 , In Person Term Based; Gloria Raheja ; 1-6 cr.

51128 012 IND, 00:00-00:00 , In Person Term Based; Hoon Song ; 1-6 cr.

51129 013 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-6 cr.
 51130 014 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-6 cr.
 51131 015 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-6 cr.
 51132 016 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-6 cr.
 51133 017 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-6 cr.
 51134 018 IND, 00:00-00:00 , , In Person Term Based; Michael Wilson ; 1-6 cr.
 70454 019 IND, In Person Term Based; Erin Durban-Albrecht ; 1-6 cr.
 70455 020 IND, In Person Term Based; Serra Hakyemez ; 1-6 cr.
 70456 021 IND, In Person Term Based; Steven Kosiba ; 1-6 cr.

4993 Directed Study

(Student Option; Prereq: instr consent)
 49076 001 IND, 00:00-00:00 , , In Person Term Based; William Beeman ; 1-6 cr.
 51135 003 IND, 00:00-00:00 , , In Person Term Based; Katherine Hayes ; 1-6 cr.
 51136 004 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-6 cr.
 51137 005 IND, 00:00-00:00 , , In Person Term Based; Jean Langford ; 1-6 cr.
 51138 006 IND, 00:00-00:00 , , In Person Term Based; David Lipset ; 1-6 cr.
 51139 008 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-6 cr.
 51140 009 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-6 cr.
 51141 010 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-6 cr.
 51142 011 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-6 cr.
 51143 012 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-6 cr.
 51144 013 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-6 cr.
 51145 014 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-6 cr.
 51146 015 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-6 cr.
 51147 016 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-6 cr.
 51148 017 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-6 cr.
 51149 018 IND, 00:00-00:00 , , In Person Term Based; Michael Wilson ; 1-6 cr.
 70469 019 IND, In Person Term Based; Erin Durban-Albrecht ; 1-6 cr.
 70470 020 IND, In Person Term Based; Serra Hakyemez ; 1-6 cr.
 70471 021 IND, In Person Term Based; Steven Kosiba ; 1-6 cr.

4994W Directed Research

(Student Option; Prereq: instr consentWI)
 49077 001 IND, 00:00-00:00 , , In Person Term Based; William Beeman ; 1-6 cr.
 51150 003 IND, 00:00-00:00 , , In Person Term Based; Katherine Hayes ; 1-6 cr.
 51151 004 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-6 cr.
 51152 005 IND, 00:00-00:00 , , In Person Term Based; Jean Langford ; 1-6 cr.
 51153 006 IND, 00:00-00:00 , , In Person Term Based; David Lipset ; 1-6 cr.
 51154 008 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-6 cr.
 51155 009 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-6 cr.
 51156 010 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-6 cr.
 51157 011 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-6 cr.
 51158 012 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-6 cr.
 51159 013 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-6 cr.
 51160 014 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-6 cr.
 51161 015 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-6 cr.
 51162 016 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-6 cr.
 51163 017 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-6 cr.
 51164 018 IND, 00:00-00:00 , , In Person Term Based; Michael Wilson ; 1-6 cr.
 70410 019 IND, In Person Term Based; Rebecca Bria ; 1-6 cr.

70481 020 IND, In Person Term Based; Erin Durban-Albrecht ; 1-6 cr.
 70482 021 IND, In Person Term Based; Serra Hakyemez ; 1-6 cr.
 70483 022 IND, In Person Term Based; Steven Kosiba ; 1-6 cr.

5008 Advanced Flintknapping

(A-F or Audit; Prereq: [3008 or 5269] or instr consent)
 67682 001 LAB, 13:00-16:00 F, Blegen Hall 318, In Person Term Based; Meets With: 001 ANTH 3008; Gilbert Tostevin ; 3 cr.

5009 Human Behavioral Biology

(A-F or Audit;)
 67915 001 LEC, 16:00-17:15 TTh, Blegen Hall 430, In Person Term Based; Michael Wilson ; 3 cr.

5121 Business Anthropology

(Student Option; Prereq: MBA student)
 52414 001 LEC, 9:30-12:00 W, Akerman Hall 211, In Person Term Based; Meets With: 001 ANTH 4121; Robert Skoro ; 2 cr.

5128 Anthropology of Education

(Student Option;)
 69150 001 LEC, 13:25-16:05 Th, Blegen Hall 110, In Person Term Based; Meets With: 001 OLPD 5128; Peter Demerath ; 3 cr.

5244 Interpreting Ancient Bone

(A-F or Audit; Prereq: 1001)
 51523 001 LAB, 10:10-12:05 W, Blegen Hall 318, In Person Term Based; Meets With: 001 ANTH 8244; Martha Tappen ; 4 cr.

5405 Human Skeletal Analysis

(Student Option;)
 67668 001 LEC, 14:30-16:25 M, Blegen Hall 318, In Person Term Based; Meets With: 001 ANTH 3405; Anna Hardin ; 4 cr.
 67669 002 LAB, 14:30-15:20 W, Blegen Hall 318, In Person Term Based; Meets With: 002 ANTH 3405; 4 cr.

5448 Applied Heritage Management

(A-F only;)
 51322 001 LEC, 14:30-17:00 M, Carlson School of Mgmt 1-122, In Person Term Based; David Mather ; 3 cr.

8002 Ethnography: Contemporary Theory and Practice

(A-F or Audit;)
 67792 001 LEC, 14:30-17:00 Th, Hubert H. Humphrey School 389, In Person Term Based; Stuart McLean ; 3 cr.

8009 Prehistoric Pathways to World

Civilizations
 (Student Option;)
 67657 001 LEC, 9:45-11:00 MW, Blegen Hall 5, In Person Term Based; Meets With: 001 ANTH 3009001 HIST 3066; Peter Wells ; 3 cr.

8244 Interpreting Ancient Bone

(A-F or Audit; Prereq: instr consent)
 51744 001 LAB, 10:10-12:05 W, Blegen Hall 318, In Person Term Based; Meets With: 001 ANTH 5244; Martha Tappen ; 4 cr.

8333 FTE: Masters

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
 49536 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
 49562 001 IND, In Person Term Based; 1 cr.

8510 Topics in Archaeology

(Student Option;)
 67143 001 LEC, 14:00-16:30 T, Hubert H. Humphrey School 389, In Person Term Based; Meets With: 001 ANTH 4043001 MEST 4043; Peter Wells ; 3 cr.
 67787 002 LEC, 14:30-15:45 TTh, Blegen Hall 205, In Person Term Based; Meets With: 001 ANTH 4001; Gilliane Monnier ; 3 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined

cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
 49584 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
 49608 001 IND, In Person Term Based; 1-18 cr.

8810 Topics in Sociocultural Anthropology

(Student Option;)
 67676 001 LEC, 14:00-16:30 T, Blegen Hall 230, In Person Term Based; Jean Langford ; 3 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
 49643 001 IND, In Person Term Based; 1-24 cr.

8980 Anthropology Graduate Workshop

(Student Option;)
 69216 001 LEC, 14:30-17:00 M, Social Sciences Building 360, In Person Term Based; Meets With: 001 GEOG 8980; Bruce Braun ; 1 cr.

8991 Independent Study

(Student Option; Prereq: instr consent)
 49078 001 IND, 00:00-00:00 , , In Person Term Based; William Beeman ; 1-18 cr.
 51165 003 IND, 00:00-00:00 , , In Person Term Based; Katherine Hayes ; 1-18 cr.
 51166 004 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-18 cr.
 51167 005 IND, 00:00-00:00 , , In Person Term Based; Jean Langford ; 1-18 cr.
 51168 006 IND, 00:00-00:00 , , In Person Term Based; David Lipset ; 1-18 cr.
 51169 008 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-18 cr.
 51170 009 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-18 cr.
 51171 010 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-18 cr.
 51172 011 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-18 cr.
 51173 012 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-18 cr.
 51174 013 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-18 cr.
 51175 014 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-18 cr.
 51176 016 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-18 cr.
 51177 017 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-18 cr.
 51178 018 IND, 00:00-00:00 , , In Person Term Based; Michael Wilson ; 1-18 cr.
 51179 015 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-18 cr.
 70490 019 IND, In Person Term Based; Erin Durban-Albrecht ; 1-18 cr.
 70491 020 IND, In Person Term Based; Serra Hakyemez ; 1-18 cr.
 70492 021 IND, In Person Term Based; Steven Kosiba ; 1-18 cr.

8992 Directed Reading

(Student Option; Prereq: instr consent)
 49079 001 IND, 00:00-00:00 , , In Person Term Based; William Beeman ; 1-18 cr.
 51180 003 IND, 00:00-00:00 , , In Person Term Based; Katherine Hayes ; 1-18 cr.
 51181 004 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-18 cr.
 51182 005 IND, 00:00-00:00 , , In Person Term Based; Jean Langford ; 1-18 cr.
 51183 006 IND, 00:00-00:00 , , In Person Term Based; David Lipset ; 1-18 cr.
 51184 008 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-18 cr.
 51185 009 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-18 cr.
 51186 010 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-18 cr.
 51187 011 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-18 cr.
 51188 012 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-18 cr.
 51189 013 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-18 cr.
 51190 014 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-18 cr.
 51191 015 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-18 cr.
 51192 016 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-18 cr.

51193 017 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-18 cr.
 51194 018 IND, 00:00-00:00 , , In Person Term Based; Michael Wilson ; 1-18 cr.
 70500 019 IND, In Person Term Based; Erin Durban-Albrecht ; 1-18 cr.
 70501 020 IND, In Person Term Based; Serra Hakyemez ; 1-18 cr.
 70502 021 IND, In Person Term Based; Steven Kosiba ; 1-18 cr.

8993 Directed Study**(Student Option; Prereq: instr consent)**

49080 001 IND, 00:00-00:00 , , In Person Term Based; William Beeman ; 1-18 cr.
 51195 003 IND, 00:00-00:00 , , In Person Term Based; Katherine Hayes ; 1-18 cr.
 51196 004 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-18 cr.
 51197 005 IND, 00:00-00:00 , , In Person Term Based; Jean Langford ; 1-18 cr.
 51198 006 IND, 00:00-00:00 , , In Person Term Based; David Lipset ; 1-18 cr.
 51199 008 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-18 cr.
 51200 009 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-18 cr.
 51201 010 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-18 cr.
 51202 011 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-18 cr.
 51203 012 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-18 cr.
 51204 013 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-18 cr.
 51205 014 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-18 cr.
 51206 015 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-18 cr.
 51207 016 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-18 cr.
 51208 017 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-18 cr.
 51209 018 IND, 00:00-00:00 , , In Person Term Based; Michael Wilson ; 1-18 cr.
 70503 019 IND, In Person Term Based; Erin Durban-Albrecht ; 1-18 cr.
 70504 020 IND, In Person Term Based; Serra Hakyemez ; 1-18 cr.
 70505 021 IND, In Person Term Based; Steven Kosiba ; 1-18 cr.

8994 Directed Research**(Student Option; Prereq: instr consent)**

49081 001 FWK, 00:00-00:00 , , In Person Term Based; William Beeman ; 1-18 cr.
 51034 003 FWK, 00:00-00:00 , , In Person Term Based; Katherine Hayes ; 1-18 cr.
 51035 004 FWK, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-18 cr.
 51036 005 FWK, 00:00-00:00 , , In Person Term Based; Jean Langford ; 1-18 cr.
 51037 006 FWK, 00:00-00:00 , , In Person Term Based; David Lipset ; 1-18 cr.
 51038 008 FWK, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-18 cr.
 51039 009 FWK, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-18 cr.
 51040 010 FWK, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-18 cr.
 51041 011 FWK, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-18 cr.
 51042 012 FWK, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-18 cr.
 51043 013 FWK, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-18 cr.
 51044 014 FWK, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-18 cr.
 51045 015 FWK, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-18 cr.
 51046 016 FWK, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-18 cr.
 51047 017 FWK, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-18 cr.
 51048 018 FWK, 00:00-00:00 , , In Person Term Based; Michael Wilson ; 1-18 cr.
 70508 019 FWK, In Person Term Based; Erin Durban-Albrecht ; 1-18 cr.
 70509 020 FWK, In Person Term Based; Serra Hakyemez ; 1-18 cr.
 70510 021 FWK, In Person Term Based; Steven Kosiba ; 1-18 cr.

2196 Work Experience in Apparel Design**(S-N only; Prereq: Plan submitted/approved by [adviser, internship supervisor], written approval of supervisor, instr consent)**

46164 001 FWK, Independent/Directed Study; Elizabeth Bye ; 1-4 cr.
 46165 003 FWK, Independent/Directed Study; Lucy Dunne ; 1-4 cr.
 46206 004 FWK, Independent/Directed Study; Marilyn DeLong ; 1-4 cr.
 68968 005 FWK, In Person Term Based; Bradley Holschuh ; 1-4 cr.
 68969 006 FWK, In Person Term Based; David Loranger ; 1-4 cr.

2211 Fashion Illustration and Portfolio Development**(A-F or Audit;)**

46460 001 LAB, 12:50-15:50 TTh, McNeal Hall 305, In Person Term Based; 4 cr.

2214 Softlines Analysis**(A-F or Audit; Prereq: DHA major or minor or instr consent)**

46162 001 LAB, 8:45-10:00 MW, McNeal Hall 10, In Person Term Based; Bradley Holschuh ; 3 cr.
 46413 002 LAB, 10:15-11:30 MW, McNeal Hall 10, In Person Term Based; 3 cr.

2221 Apparel Design Studio I**(A-F or Audit; Prereq: [DHA 1201 or RM 1201], [1221 or DHA 1221], apparel design premajor)**

46163 001 LAB, 12:50-15:50 MW, McNeal Hall 205, In Person Term Based; 4 cr.

3196 Field Study: National or International**(A-F or Audit; Prereq: instr consent)**

46529 001 FWK, In Person Term Based; Elizabeth Bye ; 1-10 cr.

3223 Apparel Design Studio III**(A-F or Audit; Prereq: [2222 or DHA 2222] with grade of at least C-, Apparel Design major, pass portfolio review)**

46394 001 LAB, 8:30-11:30 TTh, McNeal Hall 205, In Person Term Based; Linsey Griffin ; 4 cr.

3224W Apparel Design Studio IV**(A-F or Audit; Prereq: apparel design majorWI)**

46166 001 LAB, 9:35-12:35 MW, McNeal Hall 205, In Person Term Based; Lucy Dunne ; 4 cr.

3225 Apparel Design Research**(A-F only; Prereq: 3324 or concurrent registration is required (or allowed) in DHA 3224)**

46167 001 LEC, 15:00-16:55 Th, McNeal Hall 250, In Person Term Based; Elizabeth Bye ; 1 cr.

4121 History of Fashion, 19th to 21st Century**(A-F or Audit;)**

46168 001 LEC, 12:50-14:45 MW, McNeal Hall 316, In Person Term Based; Meets With: 001 APST 5121; 4 cr.

4160H Honors Capstone Project**(A-F only; Prereq: DHA honors)**

46169 001 LEC, In Person Term Based; Elizabeth Bye ; 2 cr.
 46170 003 LEC, In Person Term Based; Lucy Dunne ; 2 cr.
 46205 004 LEC, In Person Term Based; Marilyn DeLong ; 2 cr.

4193 Directed Study in Apparel Design**(A-F or Audit; Prereq: Undergrad, instr consent)**

46171 001 IND, Independent/Directed Study; Elizabeth Bye ; 1-4 cr.
 46172 003 IND, Independent/Directed Study; Lucy Dunne ; 1-4 cr.
 46368 004 IND, Independent/Directed Study; Marilyn DeLong ; 1-4 cr.
 65674 002 IND, In Person Term Based; Linsey Griffin ; 1-4 cr.
 65675 005 IND, In Person Term Based; Bradley Holschuh ; 1-4 cr.

4196 Internship in Apparel Design**(S-N or Audit; Prereq: Completion of at least one-half of professional sequence, plan submitted and approved in advance by adviser and internship supervisor, written consent of faculty supervisor, instr consent)**

46173 001 FWK, Independent/Directed Study; Elizabeth Bye ; 1-4 cr.
 46174 002 FWK, Independent/Directed Study; Linsey Griffin ; 1-4 cr.

46175 003 FWK, Independent/Directed Study; Lucy Dunne ; 1-4 cr.
 46369 004 FWK, Independent/Directed Study; Marilyn DeLong ; 1-4 cr.
 65676 005 FWK, In Person Term Based; Bradley Holschuh ; 1-4 cr.
 68967 006 FWK, In Person Term Based; David Loranger ; 1-4 cr.

4215 Product Development: Softlines**(A-F or Audit; Prereq: 2213 or DHA 2213 or apparel design major or clothing design major or retail merchandising major or instr consent)**

46176 001 LEC, 13:55-14:45 TTh, McNeal Hall 10, In Person Term Based; Linsey Griffin ; 4 cr.
 46177 002 LAB, 15:00-16:55 TTh, McNeal Hall 10, In Person Term Based; Linsey Griffin ; 4 cr.

Apparel Studies (APST)**5117 Retail Environments and Human Behavior****(A-F or Audit; Prereq: Grad student or instr consent)**

46406 001 DIS, Completely Online; Meets With: 001 RM 4117W; Juanjuan Wu ; 3 cr.

5121 History of Fashion, 19th to 21st Century**(A-F only;)**

46384 001 DIS, 12:50-14:45 MW, McNeal Hall 316, In Person Term Based; Meets With: 001 ADES 4121; 4 cr.

5170 Topics in Apparel Studies**(A-F or Audit;)**

70310 001 LEC, 9:35-12:35 MW, McNeal Hall 216, In Person Term Based; Lucy Dunne ; 1-4 cr.

5193 Directed Study in Apparel Studies**(A-F or Audit; Prereq: instr consent)**

46178 001 IND, In Person Term Based; Elizabeth Bye ; 1-4 cr.
 46179 003 IND, In Person Term Based; Lucy Dunne ; 1-4 cr.
 46180 004 IND, In Person Term Based; Marilyn DeLong ; 1-4 cr.
 46371 006 IND, In Person Term Based; Hye-Young Kim ; 1-4 cr.
 46372 007 IND, In Person Term Based; Juanjuan Wu ; 1-4 cr.
 46425 008 IND, In Person Term Based; Hyunjoo Im ; 1-4 cr.
 65673 002 IND, In Person Term Based; Linsey Griffin ; 1-4 cr.

8192 Readings in Apparel Studies**(A-F or Audit; Prereq: instr consent)**

46181 001 IND, Independent/Directed Study; Elizabeth Bye ; 1-3 cr.
 46182 003 IND, In Person Term Based; Lucy Dunne ; 1-3 cr.
 46183 004 IND, In Person Term Based; Marilyn DeLong ; 1-3 cr.
 46185 006 IND, In Person Term Based; Hye-Young Kim ; 1-3 cr.
 46186 007 IND, In Person Term Based; Juanjuan Wu ; 1-3 cr.
 46426 008 IND, In Person Term Based; Hyunjoo Im ; 1-3 cr.

8193 Directed Study**(A-F or Audit; Prereq: instr consent)**

46187 001 IND, Independent/Directed Study; Elizabeth Bye ; 1-3 cr.
 46188 003 IND, In Person Term Based; Lucy Dunne ; 1-3 cr.
 46189 004 IND, In Person Term Based; Marilyn DeLong ; 1-3 cr.
 46191 006 IND, In Person Term Based; Hye-Young Kim ; 1-3 cr.
 46192 007 IND, In Person Term Based; Juanjuan Wu ; 1-3 cr.
 46427 008 IND, In Person Term Based; Hyunjoo Im ; 1-3 cr.

8222 Plan B Master's Project**(S-N or Audit; Prereq: DHA master's student, instr consent)**

46193 001 IND, Independent/Directed Study; Elizabeth Bye ; 3 cr.
 46194 003 IND, In Person Term Based; Lucy Dunne ; 3 cr.
 46195 004 IND, In Person Term Based; Marilyn DeLong ; 3 cr.
 46197 006 IND, In Person Term Based; Hye-Young Kim ; 3 cr.
 46198 007 IND, In Person Term Based; Juanjuan Wu ; 3 cr.
 46428 008 IND, In Person Term Based; Hyunjoo Im ; 3 cr.

8272 Digital Consumers: Theories in Retail and Consumer Studies**(A-F or Audit; Prereq: DES 8102 or equivalent quantitative methods class)****Apparel Design (ADES)**

67031 001 LEC, 8:30-11:15 M, McNeal Hall 310, In Person
Term Based; Hyunjoo Im ; 3 cr.

Applied Business (ABUS)

3051 Career Skills in the Professional Environment for Juniors and Seniors (Student Option; Prereq: preferred 60 cr; junior or senior)

61010 301 LEC, Completely Online; Lori Bonderson ; 2 cr.
61047 101 LEC, 17:00-18:50 M, Bruininks Hall 420A,
Partially Online; Monica Hamling ; 2 cr.
61263 302 LEC, Completely Online; Lori Bonderson, Monica
Hamling ; 2 cr.

3301 Introduction to Quality Management (A-F or Audit; Prereq: Introductory statistics)

60938 301 LEC, Completely Online; Scott Martens ; 3 cr.
69568 302 LEC, Completely Online; Scott Martens ; 3 cr.

4013W Legal, Ethical, and Risk Issues for Managers

(A-F or Audit; Prereq: CMgt 4011 recommended for
CMgt students, 45 semester credits WI)
61130 301 LEC, Completely Online; Charles Bethel ; 3 cr.
69490 101 LEC, 15:35-18:20 W, Appleby Hall 3, Partially
Online; Charles Bethel ; 3 cr.

4022W Management in Organizations (A-F or Audit; Prereq: 45 semester credits recommended WI)

60885 301 LEC, Completely Online; Bradley Goodell ; 3 cr.
61168 302 LEC, Completely Online; Bradley Goodell ; 3 cr.
70176 303 LEC, Completely Online; Bradley Goodell ; 3 cr.

4023W Communicating for Results (A-F or Audit; Prereq: 45 cr completed WI)

60937 301 LEC, Completely Online; Ann Lowry, Bradley
Goodell ; 3 cr.
60992 302 LEC, Completely Online; Ann Lowry, Bradley
Goodell ; 3 cr.
68118 303 LEC, Completely Online; Bradley Goodell, Ann
Lowry ; 3 cr.

4041 Dynamics of Leadership

(A-F or Audit; Prereq: 45 cr completed)
60890 301 LEC, Completely Online; David Kaiser ; 3 cr.
69569 302 LEC, Completely Online; David Kaiser ; 3 cr.

4043 Project Management in Practice (A-F or Audit; Prereq: 45 cr completed)

61262 301 LEC, Completely Online; Katherine Nguyen ; 3 cr.

4101 Accounting and Finance for Managers

(A-F or Audit; Prereq: Financial accounting, 45 cr)
60881 301 LEC, Completely Online; Gordon Flanders ; 3 cr.
69561 302 LEC, Completely Online; Gordon Flanders ; 3 cr.

4104 Management and Human Resource Practices

(A-F or Audit; Prereq: 45 cr completed)
60876 301 LEC, Completely Online; Margaret Kilpatrick ; 3 cr.
70162 302 LEC, Completely Online; Margaret Kilpatrick ; 3 cr.

4151 Innovation for Leaders and Organizations

(A-F or Audit; Prereq: 45 cr)
60944 301 LEC, Completely Online; Gordon Flanders ; 3 cr.
70163 302 LEC, Completely Online; Gordon Flanders ; 3 cr.

4509 New Product Development

(A-F or Audit; Prereq: [[4103 or 4701 or Mktg 3001], at
least 45 cr] or instr consent)
61092 301 LEC, Completely Online; Gordon Flanders ; 3 cr.

4511 Operating a Small Business Start-Up

(A-F or Audit; Prerequisites for this course. If you
have obtained this background information in some
other way, check with the instructor to determine if
your background is sufficient for getting the most
out of this class. It is also helpful to have taken other
business-related courses such as finance, marketing,
and human resources.)
68946 301 LEC, Completely Online; Geoffrey Kaufmann ; 3
cr.
68946 301 LEC, Completely Online; Geoffrey Kaufmann ; 3
cr.

4515 Strategy and Management for a Sustainable Future

(A-F or Audit; Prereq: 45 cr completed)

61014 301 LEC, 00:00-00:00 , ONLINE, Completely Online;
Garth Hickle ; 3 cr.

4571W Introduction to Grant Writing for Health Care and Nonprofit Organizations (A-F or Audit; WI)

69487 301 LEC, Completely Online; Ann Redelfs ; 3 cr.

4701 Introduction to Marketing

(A-F or Audit; Prereq: [Macroeconomics or
microeconomics], 45 cr)
60904 301 LEC, Completely Online; Rhonda Pole ; 3 cr.
70164 302 LEC, Completely Online; Rhonda Pole ; 3 cr.

4707 Financial Management for the Professional Practice

(A-F or Audit; Prereq: 45 semester cr)
68131 301 LEC, Completely Online; David Lee ; 3 cr.

Applied Economics (APEC)

1101 Principles of Microeconomics (Student Option; GP, SOCS)

52812 001 LEC, 13:30-14:45 TTh, Ruttan Hall B35, In
Person Term Based; Donald Liu ; 4 cr.
53075 002 DIS, 9:35-10:25 F, Ruttan Hall 143, In Person
Term Based; Donald Liu ; 4 cr.
53076 003 DIS, 10:40-11:30 F, Ruttan Hall 143, In Person
Term Based; Donald Liu ; 4 cr.
53077 004 DIS, 11:45-12:35 F, Ruttan Hall 143, In Person
Term Based; Donald Liu ; 4 cr.
53380 005 DIS, 12:50-13:40 F, Ruttan Hall 143, In Person
Term Based; Donald Liu ; 4 cr.

1102 Principles of Macroeconomics (Student Option; Prereq: 1101 or Econ 1101)

52813 001 LEC, 10:40-11:30 MWF, Ruttan Hall B35, In
Person Term Based; Gary Cooper ; 3 cr.

1102H Honors: Principles of Macroeconomics

(A-F only; Prereq: [1101 or 1101H or Econ 1101 or
ECON 1101H, honors])
68265 001 LEC, 11:15-12:30 TTh, Blegen Hall 120, In
Person Term Based; Fahima Aziz ; 4 cr.
68266 002 DIS, 11:15-12:05 F, Carlson School of Mgmt
2-228, In Person Term Based; Fahima Aziz ; 4 cr.

3001 Applied Microeconomics:

Consumers, Producers, and Markets
(Student Option; Prereq: [[1101 or Econ 1101 or 1101H
or Econ 1101H], [MATH 1142 or MATH 1271]] or instr
consent; intended for undergrads in [Ag/Food Bus
Mgmt, Appl Econ])

52814 001 LEC, 13:30-14:45 TTh, Alderman Hall 415, In
Person Term Based; Fahima Aziz ; 4 cr.
52815 002 DIS, 10:40-11:30 F, Ruttan Hall B26, In Person
Term Based; Fahima Aziz ; 4 cr.
53093 003 DIS, 11:45-12:35 F, Ruttan Hall B26, In Person
Term Based; Fahima Aziz ; 4 cr.

3002 Applied Microeconomics: Managerial Economics

(Student Option; Prereq - ApEc 3001 or Econ 3101 AND
SCO 2550 or Stat 3011)
52816 001 LEC, 10:15-11:30 TTh, Kaufert Laboratory 302, In
Person Term Based; Metin Cakir ; 4 cr.
52817 002 LAB, 10:40-12:35 W, Coffey Hall 50, In Person
Term Based; Metin Cakir ; 4 cr.
52818 003 LAB, 12:50-14:45 W, Coffey Hall 50, In Person
Term Based; Metin Cakir ; 4 cr.

3003 Introduction to Applied Econometrics (A-F only; Prereq: APEC 1101 or equiv., STAT 3011 or equiv.)

53449 001 LEC, 10:15-11:30 TTh, Magrath Library 4, In
Person Term Based; Joe Ritter ; 4 cr.
53450 002 LAB, 9:35-10:25 F, Coffey Hall 50, In Person
Term Based; Joe Ritter ; 4 cr.

3004 Management Science Workshop

(Student Option; Prereq: ApEc 3001 or Econ 3101)
69582 001 LEC, 11:45-13:40 TTh, Coffey Hall 50, In Person
Term Based; Jeffrey Aplan ; 2 cr.

3006 Applied Macroeconomics:

Government and the Economy
(Student Option; Prereq: [[1102 or Econ 1102], [3001 or
Econ 3101]] or instr consent)
52819 001 LEC, 13:30-14:45 TTh, Ruttan Hall B25, In
Person Term Based; Rodney Smith ; 3 cr.

3007 Applied Macroeconomics: Policy, Trade, and Development

(Student Option; Prereq: [1101 or Econ 1101], [1101H
or Econ 1101H], [1102 or Econ 1102], [1102H or
ECON 1102H]; 3001, 3006 recommended GP)
52820 001 LEC, 9:35-10:25 MWF, Hodson Hall 495, In
Person Term Based; Carlisle Runge ; 3 cr.

3061 Economic Development in Contemporary Africa

(Student Option; Prereq: 1101 or Econ 1101GP, SOCS)
53317 001 LEC, 16:00-17:15 TTh, Hanson Hall 1-109, In
Person Term Based; Meets With: 001 AFRO 3433; Tade
Okediji ; 3 cr.

3451 Food and Agricultural Sales

(Student Option; Prereq: 1101 or Econ 1101)
52872 001 LEC, 10:40-11:30 MWF, McNeal Hall 316, In
Person Term Based; Ward Nefstead ; 3 cr.
53109 002 LEC, 13:55-14:45 MWF, Ruttan Hall 143, In
Person Term Based; Ward Nefstead ; 3 cr.

3480 Topics in Applied Economics

(Student Option;)
69513 002 LEC, 15:00-16:40 TTh, Ruttan Hall B36, In
Person Term Based; Dom Rolando ; 1-4 cr.

3611W Environmental and Natural Resource Economics

(Student Option; Prereq: 1101 or Econ 1101 or 1101H
or Econ 1101HENV, WI)
52824 001 LEC, 10:40-11:30 MWF, Alderman Hall 415, In
Person Term Based; Jay Coggins ; 3 cr.

3821 Retail Center Management

(Student Option; Prereq: [1101 or Econ 1101], [1251 or
Acct 2050])
52822 001 LEC, 13:30-14:45 TTh, Ruttan Hall B30, In
Person Term Based; Ward Nefstead ; 3 cr.

3991 Independent Study in Applied Economics

(Student Option; Prereq: instr consent)
52823 001 IND, In Person Term Based; 1-4 cr.
53315 002 IND, 00:00-00:00 , In Person Term Based; 1-4
cr.

4311 Tourism Development: Principles, Processes, Policies

(Student Option; Prereq: 1101, 1102 or Econ 1101,
1102)
53527 001 LEC, Completely Online; Bill Gartner ; 3 cr.

4481 Futures and Options Markets

(Student Option; Prereq: [[3001 or Econ 3101], [AnSc
3011 or SCO 2550 or Stat 3011],] or instr consent)
52965 001 LEC, 8:45-10:00 TTh, Ruttan Hall B25, In Person
Term Based; Meets With: 001 APEC 5481; Marin Bozic ; 3
cr.

4501 Financial Modeling: Spreadsheet Applications in Finance, Management, and Marketing

(A-F or Audit;)
67631 001 LEC, 11:45-13:40 TTh, Coffey Hall 50, In Person
Term Based; William Lazarus ; 2 cr.

4821W Business Economics and Strategy

(Student Option; Prereq: 3002, [3501 or FINA 3001], and
[ACCT 3001 or MGMT 3001 or MKTG 3001] WI)
52825 001 LEC, 15:00-16:15 MWF, Ruttan Hall B35, In
Person Term Based; Meets With: 001 APEC 5821; Metin
Cakir ; 3 cr.

5032 Economic Data Analysis for Managerial and Policy Decisions

(Student Option; Prereq: 5031 or instr consent)
53188 001 LEC, 10:15-11:30 Th, Coffey Hall 50, 10:15-11:30
T, Ruttan Hall B36, In Person Term Based; Elton
Mykerezi ; 3 cr.

5152 Applied Macroeconomics: Income and Employment

(Student Option; Prereq: 3001 or or Math 1271 or Math
2243 or equiv or grad student or instr consent)
52905 001 LEC, 11:45-13:00 TTh, Ruttan Hall B22, In
Person Term Based; Rodney Smith ; 3 cr.

5481 Futures and Options Markets (Student Option;)

53145 001 LEC, 8:45-10:00 TTh, Ruttan Hall B25, In Person Term Based; Meets With: 001 APEC 4481; Marin Bozic ; 3 cr.

5751 Global Trade and Policy

(Student Option; Prereq: 3001 or Econ 3101 or PA 5021)

67128 001 LEC, 13:30-14:45 MW, Ruttan Hall B22, In Person Term Based; Pamela Smith ; 3 cr.

5821 Business Economics and Strategy

(Student Option; Prereq: graduate student and 3002, [3501 or FINA 3001], and [ACCT 3001 or MGMT 3001 or MKTG 3001])

66825 001 LEC, 15:00-16:15 MW, Ruttan Hall B35, In Person Term Based; Meets With: 001 APEC 4821W; Metin Cakir ; 3 cr.

5831 Food and Agribusiness Marketplace

(A-F only; Prereq: graduate student)

66824 001 LEC, 17:45-21:05 T, Carlson School of Mgmt L-114, In Person Term Based; Michael Boland ; 2 cr.

5832 The Business of Food Systems

(Student Option;)

70165 001 DIS, 9:00-13:00 MTWTh, Ruttan Hall 143, In Person Term Based; Michael Boland ; 1 cr.

5991 Special Topics and Independent Study in Applied Economics

(Student Option; Prereq: instr consent)

68406 001 IND, In Person Term Based; 1-4 cr.

68407 002 IND, In Person Term Based; ; 1-4 cr.

68408 003 IND, In Person Term Based; ; 1-4 cr.

68409 004 IND, In Person Term Based; ; 1-4 cr.

68410 005 IND, In Person Term Based; ; 1-4 cr.

8003 Applied Microeconomic Analysis of Game Theory and Information

(A-F or Audit; Prereq: [[8002 or ECON 8002 or ECON 8102], [[MATH 2243, MATH 2263] or equiv]] or instr consent)

53339 001 LEC, 15:00-16:15 TTh, Ruttan Hall B22, In Person Term Based; Terry Hurlley ; 2 cr.

53341 002 DIS, 16:30-17:45 Th, Ruttan Hall B22, In Person Term Based; Terry Hurlley ; 2 cr.

8004 Applied Microeconomic Analysis of Social Choice and Welfare

(A-F or Audit; Prereq: [[8003 or ECON 8003 or ECON 8103], [[MATH 2243, MATH 2263] or equiv]] or instr consent)

53340 001 LEC, 15:00-16:15 TTh, Ruttan Hall B22, In Person Term Based; Jay Coggins ; 2 cr.

53342 002 DIS, 16:30-17:45 Th, Ruttan Hall B22, In Person Term Based; Jay Coggins ; 2 cr.

8202 Mathematical Optimization in Applied Economics

(Student Option; Prereq: [5151, Econ 5151] or equiv or instr consent)

67167 001 LEC, 16:45-18:00 MW, Ruttan Hall B22, In Person Term Based; Jeffrey Apland ; 3 cr.

8203 Applied Welfare Economics and Public Policy

(Student Option; Prereq: calculus, intermediate econ theory)

52891 001 LEC, 12:50-14:05 MW, Ruttan Hall B36, In Person Term Based; Carlisle Runge, Jay Coggins ; 3 cr.

8212 Econometric Analysis II

(Student Option; Prereq: 8211 or equiv or instr consent)

53100 001 LEC, 15:00-15:50 F, Ruttan Hall 143, 10:40-12:35 MW, Biological Sciences Ctr 12, In Person Term Based; Paul Glewwe ; 4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

53015 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

53032 001 IND, In Person Term Based; 1 cr.

8601 Natural Resource Economics

(Student Option; Prereq: [5151, 8202, 8206 [ECON 5151 or equiv]] or instr consent)

67297 001 LEC, 8:45-10:00 TTh, Ruttan Hall B22, In Person Term Based; Steve Miller ; 3 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

53044 001 IND, In Person Term Based; 1-6 cr.

8703 Trade and Development III

(Student Option;)

67753 001 LEC, 11:45-13:25 TTh, Ruttan Hall B26, In Person Term Based; Paul Glewwe ; 2 cr.

8704 Trade and Development IV

(Student Option;)

68670 001 LEC, 11:45-13:25 TTh, Ruttan Hall B26, In Person Term Based; Jason Kerwin ; 2 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

53062 001 IND, In Person Term Based; 1-18 cr.

8793 Master's Paper: Plan B Project

(S-N or Audit; Prereq: Agri/ApEc MS student or ApEc MS student)

53101 001 IND, 00:00-00:00 , In Person Term Based; 1-6 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: ApEc PhD student; max 18 cr per semester or summer; 24 cr required)

53082 001 IND, In Person Term Based; 1-24 cr.

8902 Graduate Research Development Seminar

(S-N or Audit; Prereq: ApEc MS student or ApEc PhD student)

52892 001 LEC, 15:00-15:50 W, Magrath Library 6, In Person Term Based; Terry Hurlley ; 1 cr.

53379 002 LEC, 13:55-14:45 Th, Magrath Library 4, In Person Term Based; Pamela Smith ; 1 cr.

8904 PhD Qualifying Paper Seminar II

(S-N only; Prereq: APEC 8903)

53381 001 LEC, 15:00-15:50 F, Ruttan Hall B30, In Person Term Based; Marc Bellemare ; 1 cr.

8991 Advanced Topics in Applied Economics

(Student Option; Prereq: instr consent)

53128 001 IND, 00:00-00:00 , Independent/Directed Study; Marc Bellemare ; 1-6 cr.

53311 002 IND, 00:00-00:00 , Independent/Directed Study; 1-6 cr.

53312 003 IND, 00:00-00:00 , Independent/Directed Study; 1-6 cr.

Applied Plant Sciences (APSC)

8123 Research Ethics in the Plant and Environmental Sciences

(S-N or Audit;)

53155 001 LEC, 17:30-19:00 Th, Biological Sciences Ctr 64, In Person Term Based; Meets With: 001 PMB 8123001 SOIL 8123001 PLPA 8123; Jerry Cohen ; 0.5 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

53016 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

53033 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

53045 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

53063 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

53083 001 IND, In Person Term Based; 1-24 cr.

Applied Professional Studies (APS)

6993 Directed Studies

(Student Option No Audit; Prereq: dept consent)

61015 001 IND, Independent/Directed Study; 1-6 cr.

6994 Directed Research

(S-N only; Prereq: dept consent)

61025 001 IND, Independent/Directed Study; 1-6 cr.

8001 Introduction to Research in the Biological Sciences

(A-F only;)

61106 101 DIS, 18:00-19:00 T, Magrath Library 6, 18:00-19:00 T, Magrath Library 6, 18:00-19:30 T, Magrath Library 6, Partially Online; 1 cr.

8002 Final Project Course for Plan B MBS Students

(S-N only; Prereq: dept consent)

61035 001 LEC, 00:00-00:00 , No Room Required, Independent/Directed Study; Janet Schottel ; 2-3 cr.

8003 Capstone Course for Plan C MBS Students

(S-N only; Prereq: dept consent)

61107 101 LEC, 18:00-19:00 Th, Magrath Library 4, 17:00-20:30 Th, Ruttan Hall B42, 13:00-16:30 F, Magrath Library 4, Partially Online; Meets With: 102 APS 8003; 2-3 cr.

8110 Graduate Seminar Series

(S-N only; Prereq: dept consent)

61039 001 IND, 00:00-00:00 , No Room Required, Independent/Directed Study; Janet Schottel ; 1 cr.

Arabic (ARAB)

1102 Beginning Arabic II

(Student Option No Audit; Prereq: 1101 or instr consent)

48869 001 LEC, 9:05-9:55 MTWThF, Folwell Hall 31, In Person Term Based; Meets With: 001 ARAB 4102; Mohammed Hussein ; 5 cr.

49433 002 LEC, 10:10-11:00 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 002 ARAB 4102; Mohammed Hussein ; 5 cr.

50185 003 LEC, 13:25-14:15 MTWThF, Ford Hall 170, In Person Term Based; Meets With: 003 ARAB 4102; Hossam Elsherbiny ; 5 cr.

67403 004 LEC, 14:30-15:20 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 004 ARAB 4102; Rasha El Helw, Mohammed Hussein ; 5 cr.

67404 050 LEC, 17:00-17:50 MTWThF, Folwell Hall 121, In Person Term Based; Meets With: 050 ARAB 4102; Rasha El Helw, Mohammed Hussein ; 5 cr.

3102 Intermediate Arabic II

(Student Option No Audit; Prereq: 3101 or instr consent)

48870 001 LEC, 8:00-8:50 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 001 ARAB 4122; Rasha El Helw ; 5 cr.

50618 002 LEC, 9:05-9:55 MTWThF, Pillsbury Hall 105, In Person Term Based; Meets With: 002 ARAB 4122; Rasha El Helw ; 5 cr.

51288 050 LEC, 16:40-17:30 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 050 ARAB 4122; Hossam Elsherbiny ; 5 cr.

3290 Arabic Language Teaching Tutorial

(S-N only; Prereq: Grade of A in 3102/4122)

51411 001 FWK, In Person Term Based; Katrien Vanpee ; 1 cr.

3812 Egyptian Colloquial Arabic II

(A-F only;)

52593 001 LEC, 17:45-19:30 MW, Kolthoff Hall 138, In Person Term Based; Hossam Elsherbiny ; 3 cr.

4102 Beginning Arabic II for Graduate Student Research

(Student Option No Audit; Prereq: 4101 or equiv)
50789 001 LEC, 9:05-9:55 MTWThF, Folwell Hall 31, In Person Term Based; Meets With: 001 ARAB 1102; Mohammed Hussein ; 5 cr.
50790 002 LEC, 10:10-11:00 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 002 ARAB 1102; Mohammed Hussein ; 5 cr.
50791 003 LEC, 13:25-14:15 MTWThF, Ford Hall 170, In Person Term Based; Meets With: 003 ARAB 1102; Hossam Elsherbiny ; 5 cr.
51029 004 LEC, 14:30-15:20 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 004 ARAB 1102; Rasha El Helw, Mohammed Hussein ; 5 cr.
67405 050 LEC, 17:00-17:50 MTWThF, Folwell Hall 121, In Person Term Based; Meets With: 050 ARAB 1102; Rasha El Helw, Mohammed Hussein ; 5 cr.

4122 Intermediate Arabic II for Graduate Student Research

(Student Option No Audit; Prereq: 4121 or equiv)
50793 001 LEC, 8:00-8:50 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 001 ARAB 3102; Rasha El Helw ; 5 cr.
50794 002 LEC, 9:05-9:55 MTWThF, Pillsbury Hall 105, In Person Term Based; Meets With: 002 ARAB 3102; Rasha El Helw ; 5 cr.
51289 050 LEC, 16:40-17:30 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 050 ARAB 3102; Hossam Elsherbiny ; 5 cr.

5102 Advanced Arabic II

(Student Option No Audit;)
51074 001 LEC, 10:10-11:00 MTWTh, Folwell Hall 118, In Person Term Based; Katrien Vanpee ; 4 cr.

Architecture (ARCH)

2281 Design Fundamentals II

(A-F only; Prereq: 1281, [Arch mjr or pre-arch])
46069 001 LEC, 14:30-15:20 Th, Tate Hall B50, In Person Term Based; Adam Jarvi ; 4 cr.
46070 002 LAB, 15:45-17:45 TTh, 1425 University Ave 175, In Person Term Based; 4 cr.
46071 003 LAB, 15:45-17:45 TTh, 1425 University Ave 175, In Person Term Based; 4 cr.
46072 004 LAB, 18:00-20:00 TTh, 1425 University Ave 175, In Person Term Based; 4 cr.
46073 005 LAB, 18:00-20:00 TTh, 1425 University Ave 175, In Person Term Based; 4 cr.
46115 006 LAB, 15:45-17:45 TTh, 1425 University Ave 175, In Person Term Based; 4 cr.
46116 007 LAB, 18:00-20:00 TTh, 1425 University Ave 175, In Person Term Based; 4 cr.

2301 Introduction to Drawing in Architecture

(A-F only; Prereq: pre-arch major or BDA major; no prereq in summer)
46488 001 LAB, 18:10-20:05 MW, Rapson Hall 58, In Person Term Based; 4 cr.

3223 BDA: Screen Test: Metal Work

(A-F only;)
69786 001 LEC, 9:45-12:30 TTh, Room TBA, In Person Term Based; Gayla Lindt, Justin Kindelspire ; 2 cr.

3250 Design Workshop

(A-F only; Prereq: 2281, [Arch BA or BDA major])
46105 001 LEC, 9:05-11:00 W, Room TBA, 9:05-12:05 MF, Room TBA, In Person Term Based; James Wheeler, Joseph Favour ; 1-6 cr.
46106 002 LEC, 13:25-17:25 TTh, Room TBA, In Person Term Based; Matthew Olson ; 1-6 cr.
46107 003 LEC, 15:35-18:30 MW, Room TBA, In Person Term Based; Mark Tambornino ; 1-6 cr.
46108 004 LEC, 14:30-17:15 TTh, Room TBA, In Person Term Based; Arthur Chen ; 1-6 cr.
46109 005 LEC, 13:25-16:25 M, Room TBA, 13:25-15:25 F, Room TBA, 13:25-17:25 W, Room TBA, In Person Term Based; Julia Robinson ; 1-6 cr.
46110 006 LEC, 9:45-12:30 TTh, Room TBA, In Person Term Based; Courtney Miller Bellairs ; 1-6 cr.
46111 007 LEC, 14:30-17:15 TTh, Room TBA, In Person Term Based; Amro Sallam ; 1-6 cr.
46112 008 LEC, 17:30-19:30 Th, Room TBA, In Person Term Based; Abigail Merlis ; 1-6 cr.

3271 BDA: Watercolor Sketching: Exploring Iconic Sites

(A-F only;)
69787 001 LEC, 8:15-12:30 Th, Room TBA, 10:00-12:30 T, Room TBA, In Person Term Based; Monica Fogg ; 2 cr.

3282 Undergraduate Architecture Studio II

(A-F only; Prereq: [3281 or 4281], BS Arch major)
45856 001 LAB, 13:25-17:25 MWF, Lab TBA, In Person Term Based; Nina Ebbighausen, Robert Ganser, Randall Holl ; 6 cr.

3351 AutoCAD I

(Student Option; Prereq: Arch major or BED major or instr consent)
46047 001 LEC, 18:00-20:30 M, Rapson Hall 33, In Person Term Based; Darin Duch ; 3 cr.

3391 Design and Representation with BIM

(A-F or Audit;)
46526 001 LEC, 18:00-20:30 Th, McNeal Hall 305, In Person Term Based; Meets With: 001 ARCH 5391; Benjamin Delwiche ; 3 cr.

3412 Architectural History Since 1750

(A-F or Audit; Prereq: Soph or aboveGP,HIS)
45859 001 LEC, 9:45-11:00 TTh, Rapson Hall 100, In Person Term Based; Meets With: 001 ARCH 3412H; Katherine Solomonson ; 3 cr.
45860 003 DIS, 11:15-12:05 M, Akerman Hall 317, In Person Term Based; 3 cr.
45861 006 DIS, 11:15-12:05 W, Akerman Hall 327, In Person Term Based; 3 cr.
45862 008 DIS, 11:15-12:05 W, Akerman Hall 317, In Person Term Based; 3 cr.
45863 009 DIS, 11:15-12:05 F, Akerman Hall 227, In Person Term Based; 3 cr.
46113 010 DIS, 18:30-19:20 M, Akerman Hall 215, In Person Term Based; 3 cr.

3412H Honors: Architectural History Since 1750

(A-F or Audit; Prereq: Soph, honorsGP,HIS)
45971 002 DIS, 13:00-13:50 Th, Vincent Hall 301, In Person Term Based; 3 cr.
45986 001 LEC, 9:45-11:00 TTh, Rapson Hall 100, In Person Term Based; Meets With: 001 ARCH 3412; Katherine Solomonson ; 3 cr.

3611 Design in the Digital Age

(A-F or Audit;)
45957 001 LEC, 9:05-9:55 MWF, Rapson Hall 56, In Person Term Based; Phillip Rader ; 3 cr.

3756 Public Interest Design: Principles and Practices

(A-F or Audit;)
69592 001 LEC, 9:45-12:30 TTh, Rapson Hall 251, In Person Term Based; Meets With: 001 ARCH 5756; James Wheeler ; 3 cr.

4194H Thesis/Capstone Project

(A-F only; Prereq: Arch major, sr, honors)
46396 001 IND, Independent/Directed Study; Gail Dubrow ; 3 cr.

4284 Undergraduate Architecture Studio IV

(A-F only; Prereq: 4283, BS Arch major)
45973 001 LAB, 13:25-17:30 MWF, Lab TBA, In Person Term Based; Arthur Chen, Matthew Byers, Natalya Egon ; 6 cr.

4325 Architectural Photography: Imaging by Design

(A-F only; Prereq: BDA or BS major or Landscape Design and Planning major or instr consent)
69856 001 LEC, 14:30-17:25 T, Appleby Hall 204, In Person Term Based; Christian Korab ; 4 cr.

4341 Architecture Portfolio Design

(A-F only;)
46527 001 LAB, 13:00-14:15 TTh, Rapson Hall 35, In Person Term Based; Martha McQuade ; 3 cr.

4421W Architecture and Interpretation: The Cave and the Light

(A-F or Audit; Prereq: [3411, 3412] or instr consentWI)
46098 001 LEC, 17:30-20:15 T, Rapson Hall 58, In Person Term Based; Meets With: 001 ARCH 5421; Robert Ferguson ; 3 cr.

4431 Eighteenth-Century Architecture and the Enlightenment

(A-F or Audit;)
69684 001 LEC, 13:00-14:15 TTh, Akerman Hall 225, In Person Term Based; Meets With: 001 ARCH 5431; Robert Ferguson ; 3 cr.

4561 Architecture and Ecology

(A-F or Audit; ENV)
46051 001 LEC, 11:15-12:30 TTh, Rapson Hall 100, In Person Term Based; Daniel Handeen ; 3 cr.
46052 002 LAB, 9:05-9:55 M, Rapson Hall 35, In Person Term Based; 3 cr.
46053 003 LAB, 11:15-12:05 M, Rapson Hall 35, In Person Term Based; 3 cr.
46054 004 LAB, 9:05-9:55 W, Rapson Hall 109, In Person Term Based; 3 cr.
46056 006 LAB, 9:05-9:55 F, Rapson Hall 35, In Person Term Based; 3 cr.
46057 007 LAB, 11:15-12:05 W, Rapson Hall 35, In Person Term Based; 3 cr.
46058 008 LAB, 11:15-12:05 M, Rapson Hall 109, In Person Term Based; 3 cr.
46059 009 LAB, 11:15-12:05 W, Rapson Hall 109, In Person Term Based; 3 cr.
46101 011 LAB, 11:15-12:05 F, Rapson Hall 109, In Person Term Based; 3 cr.

4701W Introduction to Urban Form and Theory

(A-F only; Prereq: [3411, 3412] or instr consentWI)
46489 001 LEC, 14:30-15:45 TTh, Tate Hall 101, In Person Term Based; Thomas Fisher ; 3 cr.
69851 002 DIS, 16:00-16:50 T, Rapson Hall 31, In Person Term Based; Thomas Fisher ; 3 cr.
69853 003 DIS, 16:00-16:50 Th, Rapson Hall 31, In Person Term Based; Thomas Fisher ; 3 cr.

5250 Advanced Topics in Design

(A-F only;)
69790 001 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Julia Robinson ; 1-6 cr.
69791 002 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Andrzej Piotrowski ; 1-6 cr.
69792 003 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Jacob Mans ; 1-6 cr.
69794 004 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Jennifer Newsom ; 1-6 cr.
69795 005 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; William Weber, Richard Graves ; 1-6 cr.
69796 006 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Blaine Brownell, Marc Swackhamer, Blair Satterfield ; 1-6 cr.
69797 007 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; 1-6 cr.

5301 Conceptual Drawing

(A-F only; Prereq: MArch major or instr consent)
46374 001 LAB, 9:45-12:30 WF, Rapson Hall 58, In Person Term Based; Andrzej Piotrowski ; 3 cr.

5391 Design and Representation with BIM

(A-F or Audit;)
69683 001 LEC, 18:00-20:30 Th, McNeal Hall 305, In Person Term Based; Meets With: 001 ARCH 3391; Benjamin Delwiche ; 3 cr.

5411 Principles of Design Theory

(A-F or Audit; Prereq: M Arch major or instr consent)
46490 001 LEC, 8:15-9:30 MW, Rapson Hall 58, In Person Term Based; 3 cr.

5421 Architecture and Interpretation: The Cave and the Light

(A-F only; Prereq: [3411, 3412] or instr consent)
46099 001 LEC, 17:30-20:15 T, Rapson Hall 58, In Person Term Based; Meets With: 001 ARCH 4421W; Robert Ferguson ; 3 cr.

5431 Eighteenth-Century Architecture and the Enlightenment

(A-F or Audit;)
69685 001 LEC, 13:00-14:15 TTh, Akerman Hall 225, In Person Term Based; Meets With: 001 ARCH 4431; Robert Ferguson ; 3 cr.

5550 Topics in Technology

(A-F only;)
69755 001 LEC, 13:00-14:15 TTh, Nicholson Hall 35, In Person Term Based; 1-4 cr.

5651 Building Stories

(A-F only;)
46415 001 LEC, 15:00-18:00 TTh, Northrop Memorial Aud 110, In Person Term Based; Renee Cheng ; 3 cr.

5673 Historic Property Research and Documentation

(Student Option; Prereq: [3412, 3641, 4671, 5671, 4672 or 5672] or instr consent)

46393 001 LEC, 14:30-17:15 Th, Pillsbury Hall 125B, In Person Term Based; Elizabeth Gales ; 3 cr.

5711 Theory and Principles of Urban Design

(A-F or Audit; Prereq: M Arch major or LA grad major or grad student or instr consent)
46375 001 LEC, 9:45-12:30 TTh, Rapson Hall 235, In Person Term Based; Thomas Fisher ; 3 cr.

5756 Public Interest Design: Principles and Practices

(A-F or Audit;)
69591 001 LEC, 9:45-12:30 TTh, Rapson Hall 251, In Person Term Based; Meets With: 001 ARCH 3756; James Wheeler ; 3 cr.

5993 Directed Study

(A-F or Audit; Prereq: instr consent)
70301 025 IND, In Person Term Based; Blaine Brownell ; 1-4 cr.

8254 Technical Applications in Design

(A-F or Audit; Prereq: [8253, MArch major] or dept consent)
45954 001 LEC, 13:25-17:30 MWF, Lind Hall 216, In Person Term Based; Eric Amel ; 4 cr.
46066 002 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Paul Yaggie, Dzenita Hadziomerovic ; 4 cr.
46067 003 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Victor Pechaty ; 4 cr.

8299 Master's Final Project

(S-N only; Prereq: Plan C, MArch)
46139 001 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; 10 cr.
70093 002 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Audrey McGuire ; 10 cr.
70094 003 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Gayla Lindt ; 10 cr.

8563 Energy and Indoor Environmental Quality Issues in Sustainable Design

(A-F or Audit; Prereq: [5513, [grad MS or MArch]] or instr consent)
46061 001 LEC, 14:30-17:15 Th, Room TBA, In Person Term Based; Julianne Laue ; 3 cr.

8565 Materials Performance in Sustainable Building

(A-F only; Prereq: [5512, grad MS or March]] or instr consent)
46060 001 LEC, 14:30-17:30 T, Rapson Hall 35, In Person Term Based; Blaine Brownell ; 3 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
45969 001 IND, 13:25-17:30 MTWThF, Room TBA, In Person Term Based; 1-18 cr.

Art (ARTS)

1001 Introduction to Contemporary Art and Theory

(Student Option; DSJ,AH)
48865 001 LEC, 9:05-10:00 F, Regis Center for Art E110, In Person Term Based; Meets With: 001 ARTS 1001H; Christina Schmid ; 3 cr.
48866 002 DIS, 10:10-12:05 F, Regis Center for Art W132, In Person Term Based; Meets With: 002 ARTS 1001H; Christina Schmid ; 3 cr.
50918 004 DIS, 10:10-12:05 F, , In Person Term Based; 3 cr.
51305 003 DIS, 10:10-12:05 F, Regis Center for Art E110, In Person Term Based; 3 cr.

1001H Honors Introduction to Contemporary Art and Theory

(A-F or Audit; Prereq: Honors studentAH,DSJ)
52700 001 LEC, 9:05-10:00 F, Regis Center for Art E110, In Person Term Based; Meets With: 001 ARTS 1001; Christina Schmid ; 3 cr.
52766 002 DIS, 10:10-12:05 F, Regis Center for Art W132, In Person Term Based; Meets With: 002 ARTS 1001; Christina Schmid ; 3 cr.

1002 Art and Life: Thinking About Ethics Through Art

(Student Option; AH,CIV)
51613 001 LEC, 13:25-15:55 W, Regis Center for Art E110, In Person Term Based; Jan Estep ; 3 cr.

1101 Introduction to Drawing

(Student Option; AH)
48844 001 LAB, 9:05-12:05 MW, Regis Center for Art W270, In Person Term Based; Nooshin Hakim Javadi ; 4 cr.
48845 002 LAB, 13:25-16:25 MW, Regis Center for Art W244, In Person Term Based; Nooshin Hakim Javadi ; 4 cr.
48846 003 LAB, 18:00-22:00 M, Regis Center for Art W244, In Person Term Based; Leslie Barlow ; 4 cr.
48848 005 LAB, 9:05-12:05 TTh, Regis Center for Art W244, In Person Term Based; Hillary Price ; 4 cr.
48849 006 LAB, 13:25-16:25 TTh, Regis Center for Art W270, In Person Term Based; Travis McEwen ; 4 cr.
48850 007 LAB, 18:00-22:00 T, Regis Center for Art W260, In Person Term Based; Sean Connaughty ; 4 cr.
51850 008 LAB, 18:00-22:00 Th, Regis Center for Art W260, In Person Term Based; Sean Connaughty ; 4 cr.
51851 009 LAB, 10:10-14:10 F, Regis Center for Art W244, In Person Term Based; Travis McEwen ; 4 cr.
51852 010 LAB, 10:10-14:10 Sa, Regis Center for Art W270, In Person Term Based; Nicholas Pope ; 4 cr.
52104 011 LAB, 9:05-12:05 MW, Regis Center for Art W244, In Person Term Based; David Feinberg ; 4 cr.

1102 Introduction to Painting

(Student Option; AH)
48872 001 LAB, 9:05-12:05 TTh, Regis Center for Art W264, In Person Term Based; Jim Hittinger ; 4 cr.

1103 Introduction to Printmaking: Relief, Screen and Digital Processes

(Student Option; AH)
50423 001 LAB, 9:05-12:05 TTh, Regis Center for Art W189, In Person Term Based; Drew Peterson ; 4 cr.
51433 002 LAB, 18:00-21:00 MW, Regis Center for Art W189, In Person Term Based; Drew Peterson ; 4 cr.

1107 Introduction to Digital Drawing

(Student Option; AH)
67182 001 LAB, 9:05-12:05 TTh, Regis Center for Art W240, In Person Term Based; Meets With: 001 ARTS 3170; Mark Schoening ; 4 cr.

1701 Introduction to Photography

(Student Option; AH)
48841 001 LAB, 9:05-12:05 MW, Regis Center for Art W137, In Person Term Based; Melissa Borman ; 4 cr.
48842 002 LAB, 13:25-16:25 MW, Regis Center for Art W137, In Person Term Based; Beth Dow ; 4 cr.
51559 003 LAB, 18:00-21:00 MW, Regis Center for Art W137, In Person Term Based; Eric Carroll ; 4 cr.
51854 004 LAB, 13:25-16:25 TTh, Regis Center for Art W137, In Person Term Based; Xavier Tavera Castro ; 4 cr.
51855 005 LAB, 18:00-21:00 TTh, Regis Center for Art W137, In Person Term Based; Xavier Tavera Castro ; 4 cr.
52098 006 LAB, 10:10-14:10 Sa, Regis Center for Art W137, In Person Term Based; Leslie Grant ; 4 cr.

1704 Introduction to Moving Images

(Student Option; Prerequisite for intermediate level Department of Art courses in Moving Images including Narrative Digital Filmmaking, Experimental Film and Video, Animation and Super 8 and 16 mm Filmmaking.AH)
48864 002 LAB, 9:05-11:05 TTh, Regis Center for Art W121, In Person Term Based; Rolf Belgium ; 4 cr.
49534 003 LAB, 18:00-22:00 T, Regis Center for Art W248, In Person Term Based; Cara Deleon ; 4 cr.
52083 001 LAB, 9:05-11:05 MW, Regis Center for Art W248, In Person Term Based; Rolf Belgium ; 4 cr.

1801 Introduction to Ceramics

(Student Option; AH)
48855 002 LAB, 18:00-21:00 MW, Regis Center for Art E154, In Person Term Based; Stephanie DeArmond ; 4 cr.
48856 001 LAB, 18:00-21:00 TTh, Regis Center for Art E156, In Person Term Based; Ginny Sims-Burchard ; 4 cr.
50004 004 LAB, 9:05-12:05 TTh, Regis Center for Art E154, In Person Term Based; Thomas Lane ; 4 cr.
50110 003 LAB, 9:05-12:05 MW, Regis Center for Art E156, In Person Term Based; Priya Thoresen ; 4 cr.
51856 005 LAB, 9:05-12:05 TTh, Regis Center for Art E156, In Person Term Based; Michael Stowell ; 4 cr.

1802 Introduction to Sculpture

(Student Option; AH)
50016 001 LAB, 9:05-12:05 MW, Regis Center for Art E117, In Person Term Based; Andrea Stanislav ; 4 cr.
50017 002 LAB, 13:25-16:25 MW, Regis Center for Art E117, In Person Term Based; Tamsie Ringle ; 4 cr.
50018 003 LAB, 18:00-21:00 MW, Regis Center for Art E117, In Person Term Based; Pedram Baldari ; 4 cr.
67186 004 LAB, 9:05-12:05 TTh, Regis Center for Art E117, In Person Term Based; Tamsie Ringle ; 4 cr.

1803 Introduction to Sculpture and Ceramics

(Student Option;)
67187 001 LAB, 9:05-12:05 MW, Regis Center for Art E154, In Person Term Based; Tetsuya Yamada ; 4 cr.

3110 Intermediate Drawing

(Student Option; Prereq: 1101 or 1104)
48840 001 LAB, 13:25-16:25 TTh, Regis Center for Art W264, In Person Term Based; Laura Stack ; 4 cr.

3120 Intermediate Painting

(Student Option; Prereq: 1102)
48839 001 LAB, 9:05-12:05 MW, Regis Center for Art W264, In Person Term Based; Mathew Zefeldt ; 4 cr.

3140 Figure Drawing

(Student Option; Prereq: 1101 or 1104)
67183 001 LAB, 13:25-16:25 MW, Regis Center for Art W270, In Person Term Based; Lamar Peterson ; 4 cr.

3150 Dimensional Painting

(Student Option; Prereq: 1102)
51456 001 LAB, 9:05-12:05 TTh, Regis Center for Art W268, In Person Term Based; Mathew Zefeldt ; 4 cr.

3170 Intermediate Digital Drawing

(Student Option; Prereq: 1107)
50903 001 LAB, 9:05-12:05 TTh, Regis Center for Art W240, In Person Term Based; Meets With: 001 ARTS 1107; Mark Schoening ; 4 cr.

3180 Zines, Comics, and Books

(A-F or Audit;)
52701 001 LAB, 9:05-12:05 MW, Regis Center for Art W121, In Person Term Based; Edie Overturf ; 4 cr.

3230 Sound Art

(Student Option; Prereq: 1601)
52102 001 LAB, 13:25-16:25 MW, Regis Center for Art W123, In Person Term Based; Meets With: 001 ARTS 5650; Diane Willow ; 4 cr.

3250 The Performative in Art

(Student Option;)
67188 001 LAB, 13:25-16:25 TTh, Regis Center for Art W130, In Person Term Based; Jan Estep ; 4 cr.

3401V Honors: Critical Theories and Their Construction From a Studio Perspective

(A-F or Audit; Prereq: [junior] or instr consentAH,WI,CIV)
67192 001 LEC, 11:00-12:30 MW, Regis Center for Art E110, In Person Term Based; Meets With: 001 ARTS 3401W; Christina Schmid ; 3 cr.

3401W Critical Theories and Their Construction From a Studio Perspective

(Student Option; Prereq: instr consentWI,CIV,AH)
51488 001 LEC, 11:00-12:30 MW, Regis Center for Art E110, In Person Term Based; Meets With: 001 ARTS 3401V; Christina Schmid ; 3 cr.

3404W Professional Practices in the Arts

(A-F only; Prereq: Grad student or [Art BFA student or Art Major, jr or sr]WI)
51620 001 LEC, 18:00-21:00 T, Regis Center for Art E110, In Person Term Based; Emmett Ramstad ; 3 cr.

3480 Internship

(S-N or Audit; Prereq: BFA Art major, instr consent)
49734 001 FWK, 00:00-00:00 , , In Person Term Based; 1-3 cr.

3499 Internship at Katherine E. Nash Gallery

(A-F only; Prereq: 1001 or ARTH 1XXX or instr consent)
48871 001 FWK, 16:30-18:00 MW, Regis Center for Art E134, In Person Term Based; Alex Petersen ; 3 cr.

3720 The Extended Image

(Student Option; Prereq: 1701)
49804 001 LAB, 18:00-21:00 MW, Regis Center for Art W132, In Person Term Based; Jeffrey Millikan ; 4 cr.

3730 Intermediate Digital Photography

(Student Option; Prereq: 1701)
49789 001 LAB, 9:05-12:05 MW, Regis Center for Art W132, In Person Term Based; Monica Moses Haller ; 4 cr.

3750 Narrative Digital Filmmaking

(Student Option; Prereq: [1704 or instr consent])

52099 001 LAB, 13:25-15:20 TTh, Regis Center for Art W121, In Person Term Based; Meets With: 001 ARTS 5750; Kevin Obsatz ; 4 cr.

3770 Animation

(Student Option; Prereq: 1704)
49805 001 LAB, 18:00-22:00 W, Regis Center for Art W121, In Person Term Based; Meets With: 001 ARTS 5770; Hunter Jonakin ; 4 cr.
51700 002 LAB, 10:10-14:10 F, Regis Center for Art W121, In Person Term Based; Meets With: 002 ARTS 5770; Hunter Jonakin ; 4 cr.

3820 Ceramic: Wheel Throwing

(Student Option; Prereq: 1801)
48857 001 LAB, 13:25-16:25 TTh, Regis Center for Art E156, In Person Term Based; Thomas Lane ; 4 cr.

3830 Ceramic Sculpture

(Student Option; Prereq: 1801)
69849 001 LAB, 13:25-16:25 TTh, Regis Center for Art E154, In Person Term Based; Erin Paradis ; 4 cr.

3850 Foundry and Metal Sculpture

(Student Option; Prereq: 1802)
51455 001 LAB, 18:00-21:00 TTh, Regis Center for Art E170, In Person Term Based; Meets With: 001 ARTS 5850; Tamsie Ringle ; 4 cr.

3860 Sculpture and Installation

(Student Option; Prereq: 1802)
67191 001 LAB, 13:25-16:25 MW, Regis Center for Art E123, In Person Term Based; Andrea Stanislav ; 4 cr.

3890 3D Modeling and Digital Fabrication

(Student Option;)
69741 001 LAB, 18:00-22:00 W, Regis Center for Art W248, In Person Term Based; Robin Schwartzman ; 4 cr.

5110 Advanced Drawing

(Student Option; Prereq: previously completed a 3XXX course in Drawing or Painting)
48932 001 LAB, 13:25-16:25 TTh, Regis Center for Art W260, In Person Term Based; Mark Schoening ; 4 cr.

5120 Advanced Painting

(Student Option; Prereq: 3120 or instr consent)
48912 001 LAB, 13:25-16:25 MW, Regis Center for Art W264, In Person Term Based; David Feinberg ; 4 cr.

5140 Advanced Printmaking

(Student Option; Prereq: previously completed a 3xxx-level course in Drawing or Painting)
49918 001 LAB, 13:25-16:25 MW, Regis Center for Art W187, In Person Term Based; Edie Overturf ; 4 cr.

5404 BA Capstone and Exhibition

(S-N only;)
67181 001 DIS, 13:00-16:00 F, Regis Center for Art E110, In Person Term Based; Emmett Ramstad ; 3 cr.

5407 BFA Capstone 2: Critique and Exhibition

(A-F only;)
67568 001 IND, 10:10-14:10 F, Regis Center for Art E134, In Person Term Based; Chris Larson ; 4 cr.

5650 Advanced Sound Art

(Student Option; Prereq: 3605)
52101 001 LAB, 13:25-16:25 MW, Regis Center for Art W123, In Person Term Based; Meets With: 001 ARTS 3230; Diane Willow ; 4 cr.

5670 Interdisciplinary Media Collaborations

(Student Option; Prereq: Upper-division undergraduate or graduate student in art, creative writing, dance, music or theater.)
67196 001 LAB, 9:05-12:05 W, Regis Center for Art W123, In Person Term Based; Diane Willow ; 3 cr.

5710 Advanced Photography

(Student Option; Prereq: Two semesters of 3xxx photography or instr consent)
48843 001 LAB, 13:25-16:25 MW, Regis Center for Art W121, In Person Term Based; Monica Moses Haller ; 4 cr.

5750 Advanced Narrative Digital Filmmaking

(Student Option; Prereq: 3750)
52100 001 LAB, 13:25-15:20 TTh, Regis Center for Art W121, In Person Term Based; Meets With: 001 ARTS 3750; Kevin Obsatz ; 4 cr.

5770 Animation

(Student Option; Prereq: 3770)
49806 001 LAB, 18:00-22:00 W, Regis Center for Art W121, In Person Term Based; Meets With: 001 ARTS 3770; Hunter Jonakin ; 4 cr.
51701 002 LAB, 10:10-14:10 F, Regis Center for Art W121, In Person Term Based; Meets With: 002 ARTS 3770; Hunter Jonakin ; 4 cr.

5810 Advanced Ceramics

(Student Option; Prereq: 3820 and 3830)
49957 001 LAB, 13:25-16:25 MW, Regis Center for Art E155, In Person Term Based; Tetsuya Yamada ; 4 cr.

5850 Advanced Foundry and Metal Sculpture

(Student Option; Prereq: 3850 or instr consent)
52368 001 LAB, 18:00-21:00 TTh, Regis Center for Art E170, In Person Term Based; Meets With: 001 ARTS 3850; Tamsie Ringle ; 4 cr.

5860 Advanced Sculpture

(Student Option;)
67199 001 LEC, 13:25-16:25 MW, Regis Center for Art E123, In Person Term Based; Andrea Stanislav ; 4 cr.

5890 3D Modeling and Digital Fabrication

(Student Option;)
69742 001 LAB, 18:00-22:00 W, Regis Center for Art W248, In Person Term Based; Robin Schwartzman ; 4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
49537 001 IND, 00:00-00:00 , , In Person Term Based; Patricia Straub ; 1 cr.

8403 MFA Professional Practices and Teaching Pedagogy

(A-F only;)
52528 001 DIS, 16:30-17:55 TTh, Regis Center for Art E231, In Person Term Based; Elizabeth Carpenter ; 3 cr.

8410 MFA Critique Seminar

(A-F only;)
51488 001 LAB, 13:00-16:00 F, Regis Center for Art E231, In Person Term Based; Lamar Peterson ; 3 cr.

8420 MFA Studio

(A-F only;)
52778 002 FWK, In Person Term Based; Christine Baeumlner ; 1-6 cr.
52779 003 FWK, In Person Term Based; Jan Estep ; 1-6 cr.
52780 004 FWK, In Person Term Based; David Feinberg ; 1-6 cr.
52781 005 FWK, In Person Term Based; Thomas Lane ; 1-6 cr.
52782 006 FWK, In Person Term Based; Chris Larson ; 1-6 cr.
52783 007 FWK, In Person Term Based; Lynn Lukkas ; 1-6 cr.
52785 009 FWK, In Person Term Based; Lamar Peterson ; 1-6 cr.
52786 010 FWK, In Person Term Based; Monica Moses Haller ; 1-6 cr.
52788 012 FWK, In Person Term Based; Andrea Stanislav ; 1-6 cr.
52789 013 FWK, In Person Term Based; Diane Willow ; 1-6 cr.
52790 014 FWK, In Person Term Based; Tetsuya Yamada ; 1-6 cr.
52791 015 FWK, In Person Term Based; Mathew Zefeldt ; 1-6 cr.
52792 016 FWK, In Person Term Based; Edie Overturf ; 1-6 cr.
52793 017 FWK, In Person Term Based; Tamsie Ringle ; 1-6 cr.
52794 018 FWK, In Person Term Based; Christina Schmid ; 1-6 cr.
52796 020 FWK, In Person Term Based; 1-6 cr.

8450 MFA Creative Thesis

(A-F only;)
52702 001 IND, In Person Term Based; Christine Baeumlner ; 1-9 cr.
67207 002 IND, In Person Term Based; Jan Estep ; 1-9 cr.
67208 003 IND, In Person Term Based; David Feinberg ; 1-9 cr.
67209 004 IND, In Person Term Based; Thomas Lane ; 1-9 cr.
67210 005 IND, In Person Term Based; Chris Larson ; 1-9 cr.
67211 006 IND, In Person Term Based; Lynn Lukkas ; 1-9 cr.
67213 008 IND, In Person Term Based; Lamar Peterson ; 1-9 cr.
67214 009 IND, In Person Term Based; Monica Moses Haller ; 1-9 cr.

67216 011 IND, In Person Term Based; Andrea Stanislav ; 1-9 cr.
67217 012 IND, In Person Term Based; Diane Willow ; 1-9 cr.
67218 013 IND, In Person Term Based; Tetsuya Yamada ; 1-9 cr.
67219 014 IND, In Person Term Based; Mathew Zefeldt ; 1-9 cr.
67220 015 IND, In Person Term Based; Edie Overturf ; 1-9 cr.
67221 016 IND, In Person Term Based; Christina Schmid ; 1-9 cr.
67222 017 IND, In Person Term Based; Tamsie Ringle ; 1-9 cr.
67224 019 IND, In Person Term Based; 1-9 cr.

Art History (ARTH)

1001 Introduction to Art History:

Prehistoric to Contemporary

(Student Option; AH)
50867 001 LEC, 9:45-11:00 TTh, Anderson Hall 270, In Person Term Based; ; 4 cr.
50968 002 DIS, 11:15-12:05 T, Blegen Hall 225, In Person Term Based; 4 cr.
50969 003 DIS, 11:15-12:05 Th, Blegen Hall 330, In Person Term Based; 4 cr.
50970 004 DIS, 8:00- 8:50 Th, Blegen Hall 210, In Person Term Based; 4 cr.
50971 005 DIS, 11:15-12:05 T, Blegen Hall 260, In Person Term Based; 4 cr.

1004W Introduction to Asian Art

(Student Option; HIS,WI)
69236 001 LEC, 13:00-14:15 MW, Anderson Hall 370, In Person Term Based; Peng Peng ; 3 cr.

3005 American Art

(Student Option; AH)
52391 001 LEC, 13:00-14:15 TTh, Blegen Hall 250, In Person Term Based; Jennifer Marshall ; 4 cr.

3009 Medieval Art

(Student Option; AH)
51409 001 LEC, 9:45-11:00 TTh, Hanson Hall 1-111, In Person Term Based; Meets With: 001 MEST 3009; Jennifer Awes-Freeman ; 3 cr.

3012 19th and 20th Century Art

(Student Option;)
67470 001 LEC, 11:15-12:30 MW, Blegen Hall 240, In Person Term Based; Shannon Flaherty ; 3 cr.

3013 Introduction to East Asian Art

(Student Option; GP)
69237 001 LEC, 9:45-11:00 TTh, Blegen Hall 155, In Person Term Based; ; 3 cr.

3014W Art of India

(Student Option; AH,WI,GP)
67825 001 LEC, 11:15-12:30 MW, Anderson Hall 330, In Person Term Based; Meets With: 001 RELS 3415W; Anna Seastrand ; 4 cr.
67826 002 DIS, 13:25-14:15 M, Blegen Hall 210, In Person Term Based; Meets With: 002 RELS 3415W; 4 cr.
67828 004 DIS, 10:10-11:00 W, Blegen Hall 205, In Person Term Based; Meets With: 004 RELS 3415W; 4 cr.

3152 Art and Archaeology of Ancient Greece

(Student Option; HIS)
67471 001 LEC, 13:00-14:15 TTh, Anderson Hall 230, In Person Term Based; Meets With: 001 CNES 3152; Matthew Canepa ; 3 cr.

3311 Baroque Art in Seventeenth Century Europe

(Student Option; AH)
67472 001 LEC, 9:45-11:00 MW, Blegen Hall 235, In Person Term Based; Steven Ostrow ; 3 cr.

3315 The Age of Curiosity: Art and Knowledge in Europe, 1500-1800.

(Student Option; AH,TS)
52362 001 LEC, 10:10-11:00 MW, Anderson Hall 350, In Person Term Based; Meets With: 001 HIST 3708; Michael Gaudio ; 3 cr.
68786 002 DIS, 10:10-11:00 F, Blegen Hall 240, In Person Term Based; Meets With: 002 HIST 3708; 3 cr.
68787 003 DIS, 10:10-11:00 Th, Blegen Hall 125, In Person Term Based; Meets With: 003 HIST 3708; 3 cr.
68788 004 DIS, 10:10-11:00 Th, Blegen Hall 240, In Person Term Based; 3 cr.

3401 Art Now**(A-F or Audit; AH,CIV)**67473 001 LEC, 9:45-11:00 MW, Carlson School of Mgmt
1-123, In Person Term Based; Vanessa Reubendale ; 3 cr.**3921W Art of the Film****(Student Option; AH,WI)**51211 001 LEC, 12:20-14:15 TTh, Blegen Hall 5, In Person
Term Based; 4 cr.51212 002 DIS, 12:20-13:10 M, Blegen Hall 225, In Person
Term Based; 4 cr.51213 003 DIS, 12:20-13:10 W, Blegen Hall 225, In Person
Term Based; 4 cr.**3940 Topics in Art History****(Student Option;)**69289 001 LEC, 11:15-12:30 TTh, Blegen Hall 230, In
Person Term Based; Sinem Casale ; 1-4 cr.**3971V Honors: Art History Capstone****(A-F only; WI)**51295 001 LEC, 14:30-15:20 Th, Blegen Hall 125, In Person
Term Based; 3 cr.**3971W Art History Capstone****(A-F only; Prereq: ArH major, instr consentWI)**51296 002 IND, 14:30-17:00 Th, Blegen Hall 140, In Person
Term Based; Theresa Downing ; 3 cr.

52668 001 LEC, In Person Term Based; ; 3 cr.

3975 Directed Professional Experience**(Student Option; Prereq: instr consent)**50270 001 IND, 00:00-00:00 , , In Person Term Based; ; 1-2
cr.**3993 Directed Study****(A-F or Audit; Prereq: instr consent)**50271 001 IND, 00:00-00:00 , , In Person Term Based; Jane
Blocker ; 1-4 cr.50305 002 IND, 00:00-00:00 , , In Person Term Based;
Matthew Canepa ; 1-4 cr.50306 003 IND, 00:00-00:00 , , In Person Term Based;
Michael Gaudio ; 1-4 cr.50307 004 IND, 00:00-00:00 , , In Person Term Based;
Sinem Casale ; 1-4 cr.50308 005 IND, 00:00-00:00 , , In Person Term Based;
Jennifer Marshall ; 1-4 cr.50309 006 IND, 00:00-00:00 , , In Person Term Based;
Steven Ostrow ; 1-4 cr.50310 007 IND, 00:00-00:00 , , In Person Term Based;
Robert Silberman ; 1-4 cr.**3994 Directed Research****(A-F or Audit; Prereq: instr consent)**50272 001 IND, 00:00-00:00 , , In Person Term Based; Jane
Blocker ; 1-4 cr.51011 002 IND, 00:00-00:00 , , In Person Term Based;
Sinem Casale ; 1-4 cr.51012 003 IND, 00:00-00:00 , , In Person Term Based;
Matthew Canepa ; 1-4 cr.51013 004 IND, 00:00-00:00 , , In Person Term Based;
Michael Gaudio ; 1-4 cr.51014 005 IND, 00:00-00:00 , , In Person Term Based;
Jennifer Marshall ; 1-4 cr.51015 006 IND, 00:00-00:00 , , In Person Term Based;
Steven Ostrow ; 1-4 cr.51016 007 IND, 00:00-00:00 , , In Person Term Based;
Robert Silberman ; 1-4 cr.51017 008 IND, 00:00-00:00 , , In Person Term Based; ; 1-4
cr.51018 009 IND, 00:00-00:00 , , In Person Term Based; ; 1-4
cr.51019 010 IND, 00:00-00:00 , , In Person Term Based; ; 1-4
cr.51361 011 IND, 00:00-00:00 , , In Person Term Based; ; 1-4
cr.**5950 Topics: Art History****(Student Option;)**68094 002 LEC, 13:00-14:15 MW, Blegen Hall 110, In
Person Term Based; Anna Seastrand ; 3 cr.69045 001 LEC, 14:30-15:45 TTh, Blegen Hall 115, In
Person Term Based; Sinem Casale ; 3 cr.69256 003 LEC, 9:45-11:00 MW, Hubert H. Humphrey
School 15, In Person Term Based; Emily Capper ; 3 cr.**5993 Directed Study****(A-F or Audit; Prereq: instr consent)**50273 001 IND, 00:00-00:00 , , In Person Term Based; Jane
Blocker ; 1-4 cr.50314 002 IND, 00:00-00:00 , , In Person Term Based;
Matthew Canepa ; 1-4 cr.50315 003 IND, 00:00-00:00 , , In Person Term Based;
Sinem Casale ; 1-4 cr.50316 004 IND, 00:00-00:00 , , In Person Term Based;
Michael Gaudio ; 1-4 cr.50317 005 IND, 00:00-00:00 , , In Person Term Based;
Jennifer Marshall ; 1-4 cr.50318 006 IND, 00:00-00:00 , , In Person Term Based;
Steven Ostrow ; 1-4 cr.50319 007 IND, 00:00-00:00 , , In Person Term Based;
Robert Silberman ; 1-4 cr.**5994 Directed Research****(A-F or Audit; Prereq: instr consent)**50274 001 IND, 00:00-00:00 , , In Person Term Based; ; 1-4
cr.**8190 Seminar: Issues in Ancient Art and****Archaeology****(Student Option; Prereq: instr consent)**67475 001 LEC, 16:30-19:00 T, Walter W Heller Hall 445,
In Person Term Based; Meets With: 002 CNES 8190;
Matthew Canepa ; 3 cr.**8333 FTE: Master's****(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)**

50275 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral**(No Grade Associated; Prereq: Doctoral student,
adviser and DGS consent)**

50276 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits**(No Grade Associated; Prereq: Doctoral student who
has not passed prelim oral; no required consent for
1st/2nd registrations, up to 12 combined cr; dept
consent for 3rd/4th registrations, up to 24 combined
cr; doctoral student admitted before summer 2007 may
register up to four times, up to 60 combined cr)**

50277 001 IND, In Person Term Based; 1-6 cr.

8888 Thesis Credit: Doctoral**(No Grade Associated; Prereq: Max 18 cr per semester
or summer; 24 cr required)**

50278 001 IND, In Person Term Based; 1-24 cr.

8920 Seminar: Film History and Criticism**(Student Option; Prereq: instr consent)**68935 001 LEC, 14:30-17:00 M, Blegen Hall 330, In Person
Term Based; Robert Silberman ; 3 cr.**8970 Directed Studies****(Student Option; Prereq: instr consent)**50279 001 IND, In Person Term Based; Michael Gaudio ; 1-3
cr.70251 002 IND, In Person Term Based; Steven Ostrow ; 1-3
cr.**Arts and Cultural Leadership
(ACL)****5231 Ethical Dilemmas and Legal Issues
for Cultural Leaders****(A-F or Audit;)**61091 001 DIS, 18:00-20:30 M, Hubert H. Humphrey School
60, In Person Term Based; Lisa DeJoras ; 3 cr.**5241 Financial Management for Arts
Nonprofits****(A-F or Audit;)**69688 001 LEC, 18:30-21:00 W, Ruttan Hall B22, In Person
Term Based; Dawn Bentley ; 2 cr.**5993 Directed Studies****(A-F only; Prereq: Grad student, dept consent)**

61040 001 IND, Independent/Directed Study; 1-4 cr.

**8003 Capstone: Reflections and
Presentation****(S-N only;)**69587 001 DIS, 18:00-20:30 T, Blegen Hall 260, 18:00-20:30
T, Blegen Hall 260, 18:00-20:30 T, Blegen Hall 260,
18:00-20:30 T, Blegen Hall 260, 14:00-16:30 T, No Room
Required, 18:00-20:30 T, Blegen Hall 260, In Person Term
Based; Tom Borrup ; 2 cr.**Asian American Studies (AAS)****1101 Imagining Asian America****(Student Option; DSJ,SOCS)**67377 001 LEC, 11:15-12:30 MW, Blegen Hall 145, In
Person Term Based; Lei Zhang ; 3 cr.**3211W American Race Relations****(A-F or Audit; DSJ,WI)**52380 001 LEC, 13:00-14:15 TTh, Blegen Hall 120, In
Person Term Based; Meets With: 001 SOC 3211W; Enid
Logan ; 3 cr.**3251W Sociological Perspectives on Race,
Class, and Gender****(A-F or Audit; DSJ,WI,SOCS)**52117 001 LEC, 17:30-20:00 W, Blegen Hall 120, In Person
Term Based; Meets With: 001 SOC 3251W; Matthew
Aguilar-Champeau ; 3 cr.**3301 Asian America Through Arts and
Culture****(Student Option; AH,DSJ)**52277 001 LEC, 9:45-11:00 TTh, Lind Hall 340, In Person
Term Based; Meets With: 001 ENGL 3301; Bomi Yoon ; 3
cr.**3341 Asian American Images****(Student Option; AH,DSJ)**69332 001 DIS, 17:30-20:00 Th, Blegen Hall 260, In
Person Term Based; Meets With: 001 COMM 3341; John
Matsunaga ; 3 cr.**3351 Asian Americans and Popular Culture****(Student Option; AH,DSJ)**69333 001 DIS, 17:30-20:00 T, Blegen Hall 225, In Person
Term Based; Meets With: 001 COMM 3351; John
Matsunaga ; 3 cr.**3486 Hmong Refugees from the Secret****War: Becoming Americans****(Student Option;)**52541 001 LEC, 13:00-14:15 MW, Blegen Hall 425, In
Person Term Based; Meets With: 001 HIST 3486; Mai Na
Lee ; 3 cr.**3993 Directed Studies in Asian American
Studies****(Student Option; Prereq: instr consent)**50462 001 IND, 00:00-00:00 , , In Person Term Based; 1-9
cr.**5993 Directed Readings****(Student Option;)**

69446 001 IND, In Person Term Based; 1-4 cr.

**Asian Languages and Literature
(ALL)****1201 Arrow, Fist, and Sword: Conceptions
of the Hero in Asian Cultures****(A-F only; GP,LITR)**67515 001 LEC, 11:15-12:30 TTh, Nicholson Hall 155, In
Person Term Based; Paul Rouzer ; 3 cr.**3265W The Fantastic in East Asia: Ghosts,
Foxes, and the Alien****(Student Option; Prereq: Some coursework in East
Asia recommendedLITR,WI)**51585 001 LEC, 14:30-15:45 TTh, Armory Building 116, In
Person Term Based; Paul Rouzer ; 3 cr.**3337 Contemporary Chinese Literature and
Popular Culture****(A-F only; GP,LITR)**51584 001 LEC, 13:00-14:15 TTh, Nicholson Hall 125, In
Person Term Based; Jason McGrath ; 3 cr.**3458 Japanese Animation****(A-F only; GP)**52358 001 LEC, 16:00-18:00 T, Akerman Hall 209,
14:30-15:45 TTh, Akerman Hall 209, In Person Term
Based; Baryon Tensor Posadas ; 3 cr.**3536 Modern Korean Literature****(Student Option; GP,LITR)**67517 001 LEC, 16:00-17:15 TTh, Rapson Hall 45, In Person
Term Based; Soo Hyun Lee ; 3 cr.**3576 Language & Society of the Two
Koreas****(A-F only;)**67516 001 LEC, 14:00-15:15 MW, Hubert H. Humphrey
School 20, In Person Term Based; Hangtae Cho ; 3 cr.

3637W Modern Indian Literature

(A-F or Audit; GP,WI,LITR)
67519 001 LEC, 9:45-11:00 MW, Folwell Hall 12, In Person
Term Based; Suvadip Sinha ; 3 cr.

3673 Survey of India: Languages, Literature, and Film

(A-F or Audit; GP)
52082 001 LEC, 14:30-15:45 TTh, Folwell Hall 8, In Person
Term Based; Sungok Hong ; 3 cr.

3832 The Politics of Arabic Poetry

(A-F only; GP,LITR)
52094 001 LEC, 14:30-15:45 MW, Folwell Hall 116, In
Person Term Based; Katrien Vanpee ; 3 cr.

3920 Topics in Asian Culture

(A-F only ;)
69458 001 LEC, 9:45-11:00 TTh, Blegen Hall 220, In Person
Term Based; Ning Ma ; 3 cr.

4900W Major Project

(A-F or Audit; Prereq: ALL major, srWI)
51294 001 LEC, 11:15-12:30 MW, Nicholson Hall 125, In
Person Term Based; Christine Marran, Joseph Farag ; 3 cr.

5866 Gender and Sexuality in Modern

Arabic Literature
(Student Option ;)
52592 001 LEC, 16:00-18:30 Th, Folwell Hall 119, In Person
Term Based; Joseph Farag ; 3 cr.

5920 Topics in Asian Culture

(A-F only ;)
67810 001 LEC, 13:00-14:15 MW, Folwell Hall 119, In
Person Term Based; Suvadip Sinha ; 3 cr.
69286 002 LEC, 9:30-12:00 W, Pillsbury Hall 121, In Person
Term Based; Ning Ma ; 3 cr.

5990 Directed Study

(Student Option; Prereq:instr consent, dept consent,
college consent.)
50165 001 IND, Independent/Directed Study; 1-4 cr.

8002 Critical Approaches to Asian Studies

(Student Option;)
51583 001 LEC, 10:00-12:30 T, Civil Engineering Bldg 214,
In Person Term Based; Christine Marran ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student,
[adviser, DGS] consent)
50993 001 IND, In Person Term Based; 1 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated;)
50994 001 IND, In Person Term Based; 1-24 cr.

8990 Directed Readings

(Student Option; Prereq: PhD student)
50603 001 IND, Independent/Directed Study; 1-4 cr.

Astronomy (AST)**1001 Exploring the Universe**

(Student Option; ENV,PHYS)
54961 001 LEC, 9:45-11:00 TTh, Tate Hall 105, In Person
Term Based; Lawrence Rudnick ; 4 cr.
54962 003 LEC, 14:30-15:45 MW, Tate Hall 101, In Person
Term Based; Paul Woodward ; 4 cr.
54963 101 LAB, 9:05-11:00 M, Tate Hall B27, In Person
Term Based; 4 cr.
54964 102 LAB, 10:10-12:05 M, Tate Hall B29, In Person
Term Based; 4 cr.
54965 104 LAB, 12:20-14:15 M, Tate Hall B29, In Person
Term Based; 4 cr.
54966 105 LAB, 13:25-15:20 M, Tate Hall B27, In Person
Term Based; 4 cr.
54967 103 LAB, 11:15-13:10 M, Tate Hall B27, In Person
Term Based; 4 cr.
54968 107 LAB, 15:35-17:30 M, Tate Hall B27, In Person
Term Based; 4 cr.
54969 109 LAB, 10:10-12:05 T, Tate Hall B29, In Person
Term Based; 4 cr.
54970 110 LAB, 11:15-13:10 T, Tate Hall B27, In Person
Term Based; 4 cr.
54971 111 LAB, 12:20-14:15 T, Tate Hall B29, In Person
Term Based; 4 cr.
54972 112 LAB, 13:25-15:20 T, Tate Hall B27, In Person
Term Based; 4 cr.
54973 114 LAB, 15:35-17:30 T, Tate Hall B27, In Person
Term Based; 4 cr.

54974 115 LAB, 9:05-11:00 W, Tate Hall B27, In Person
Term Based; 4 cr.
54975 117 LAB, 11:15-13:10 W, Tate Hall B27, In Person
Term Based; 4 cr.
54976 118 LAB, 12:20-14:15 W, Tate Hall B29, In Person
Term Based; 4 cr.
54977 116 LAB, 10:10-12:05 W, Tate Hall B29, In Person
Term Based; 4 cr.
55596 113 LAB, 14:30-16:25 T, Tate Hall B29, In Person
Term Based; 4 cr.
55708 106 LAB, 14:30-16:25 M, Tate Hall B29, In Person
Term Based; 4 cr.
55827 108 LAB, 9:05-11:00 T, Tate Hall B27, In Person Term
Based; 4 cr.
57361 002 LEC, 13:00-14:15 TTh, Tate Hall B50, In Person
Term Based; Charles Woodward ; 4 cr.
67311 119 LAB, 13:25-15:20 W, Tate Hall B27, In Person
Term Based; 4 cr.
67312 120 LAB, 14:30-16:25 W, Tate Hall B29, In Person
Term Based; 4 cr.
67313 121 LAB, 15:35-17:30 W, Tate Hall B27, In Person
Term Based; 4 cr.
67314 122 LAB, 9:05-11:00 Th, Tate Hall B27, In Person
Term Based; 4 cr.
67315 123 LAB, 10:10-12:05 Th, Tate Hall B29, In Person
Term Based; 4 cr.
67316 124 LAB, 13:25-15:20 Th, Tate Hall B27, In Person
Term Based; 4 cr.
67317 125 LAB, 15:35-17:30 Th, Tate Hall B27, In Person
Term Based; 4 cr.
67318 126 LAB, 9:05-11:00 F, Tate Hall B27, In Person Term
Based; 4 cr.
67319 127 LAB, 10:10-12:05 F, Tate Hall B29, In Person
Term Based; 4 cr.
67320 128 LAB, 11:15-13:10 F, Tate Hall B27, In Person
Term Based; 4 cr.

2001 Introduction to Astrophysics

(Student Option; Prereq: [One yr calculus, PHYS 1302]
or instr consent)
54978 001 LEC, 10:10-12:05 TTh, Tate Hall 101, In Person
Term Based; Robert Gehrz ; 4 cr.

2990 Directed Studies

(Student Option; Prereq: 1 yr calculus, Phys 1302, instr
consent)
54979 001 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
56404 002 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
56405 003 IND, 00:00-00:00 , , In Person Term Based;
Robert Gehrz ; 1-5 cr.
56406 004 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
56407 005 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
56408 006 IND, 00:00-00:00 , , In Person Term Based;
Thomas Jones ; 1-5 cr.
56409 007 IND, 00:00-00:00 , , In Person Term Based;
Lawrence Rudnick ; 1-5 cr.
56425 008 IND, 00:00-00:00 , , In Person Term Based;
Claudia Scarlata ; 1-5 cr.
56538 009 IND, 00:00-00:00 , , In Person Term Based; Evan
Skillman ; 1-5 cr.
56539 010 IND, 00:00-00:00 , , In Person Term Based; Liliya
Williams ; 1-5 cr.
56540 011 IND, 00:00-00:00 , , In Person Term Based;
Charles Woodward ; 1-5 cr.
57360 012 IND, 00:00-00:00 , , In Person Term Based; Paul
Woodward ; 1-5 cr.

4002 Astrophysics II

(A-F or Audit; Prereq: 2001, Phys 2601)
55966 001 LEC, 14:30-16:25 TTh, Tate Hall B55, In Person
Term Based; Liliya Williams ; 4 cr.

4299H Senior Honors Astrophysics

Research Seminar
(Student Option; Prereq: upper div honors student in IT
or CLA, inst consent)
54982 001 LEC, 14:30-15:20 F, Tate Hall 101, In Person
Term Based; Meets With: 001 AST 8200; Charles
Woodward ; 1 cr.

4990 Directed Studies

(Student Option; Prereq: 2001, instr consent)
54980 001 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
56410 002 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
56411 003 IND, 00:00-00:00 , , In Person Term Based;
Robert Gehrz ; 1-5 cr.
56412 004 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
56413 005 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.

56414 006 IND, 00:00-00:00 , , In Person Term Based;
Thomas Jones ; 1-5 cr.
56415 007 IND, 00:00-00:00 , , In Person Term Based;
Lawrence Rudnick ; 1-5 cr.
56426 008 IND, 00:00-00:00 , , In Person Term Based;
Claudia Scarlata ; 1-5 cr.
56535 009 IND, 00:00-00:00 , , In Person Term Based; Evan
Skillman ; 1-5 cr.
56536 010 IND, 00:00-00:00 , , In Person Term Based; Liliya
Williams ; 1-5 cr.
56537 011 IND, 00:00-00:00 , , In Person Term Based;
Charles Woodward ; 1-5 cr.
57112 012 IND, 00:00-00:00 , , In Person Term Based; Paul
Woodward ; 1-5 cr.

4994W Directed Research

(Student Option; Prereq: instr consentWI)
54981 024 IND, 00:00-00:00 , , In Person Term Based;
Lindsay Glesener ; 3-5 cr.
56416 002 IND, 00:00-00:00 , , In Person Term Based; 3-5
cr.
56417 003 IND, 00:00-00:00 , , In Person Term Based;
Robert Gehrz ; 3-5 cr.
56418 004 IND, 00:00-00:00 , , In Person Term Based;
Roberta Humphreys ; 3-5 cr.
56419 005 IND, 00:00-00:00 , , In Person Term Based; Terry
Jones ; 3-5 cr.
56420 006 IND, 00:00-00:00 , , In Person Term Based;
Thomas Jones ; 3-5 cr.
56421 007 IND, 00:00-00:00 , , In Person Term Based;
Lawrence Rudnick ; 3-5 cr.
56427 008 IND, 00:00-00:00 , , In Person Term Based;
Claudia Scarlata ; 3-5 cr.
56532 009 IND, 00:00-00:00 , , In Person Term Based; Evan
Skillman ; 3-5 cr.
56533 010 IND, 00:00-00:00 , , In Person Term Based; Liliya
Williams ; 3-5 cr.
56534 011 IND, 00:00-00:00 , , In Person Term Based;
Charles Woodward ; 3-5 cr.
57294 012 IND, 00:00-00:00 , , In Person Term Based; Paul
Woodward ; 3-5 cr.
57295 013 IND, 00:00-00:00 , , In Person Term Based;
Cynthia Cattell ; 3-5 cr.
57296 014 IND, 00:00-00:00 , , In Person Term Based;
Priscilla Cushman ; 3-5 cr.
57297 015 IND, 00:00-00:00 , , In Person Term Based; Lucy
Fortson ; 3-5 cr.
57298 016 IND, 00:00-00:00 , , In Person Term Based; Shaul
Hanany ; 3-5 cr.
57299 017 IND, 00:00-00:00 , , In Person Term Based;
Robert Lysak ; 3-5 cr.
57300 018 IND, 00:00-00:00 , , In Person Term Based; Vuk
Mandic ; 3-5 cr.
57301 019 IND, 00:00-00:00 , , In Person Term Based; Keith
Olive ; 3-5 cr.
57302 020 IND, 00:00-00:00 , , In Person Term Based;
Marco Peloso ; 3-5 cr.
57303 021 IND, 00:00-00:00 , , In Person Term Based;
Clement Pryke ; 3-5 cr.
57304 022 IND, 00:00-00:00 , , In Person Term Based;
Yongzhong Qian ; 3-5 cr.
57305 023 IND, 00:00-00:00 , , In Person Term Based; John
Wygant ; 3-5 cr.

8001 Radiative Processes in Astrophysics

(Student Option; Prereq: instr consent)
67326 001 LEC, 11:15-12:05 MWF, Tate Hall B55, In Person
Term Based; Thomas Jones ; 4 cr.

8110 Interpreting and Understanding Supernovae

(A-F only ;)
67739 001 LEC, 14:30-15:45 MW, Tate Hall B65, In Person
Term Based; Patrick Kelly ; 4 cr.

8200 Astrophysics Seminar

(Student Option; Prereq: instr consent)
54983 001 LEC, 14:30-15:20 F, Tate Hall 101, In Person
Term Based; Meets With: 001 AST 4299H; Charles
Woodward ; 1-3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)
55634 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student,
adviser and DGS consent)
55651 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who
has not passed prelim oral; no required consent for

1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
55667 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
55686 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
55709 001 IND, In Person Term Based; 1-24 cr.

8990 Research in Astronomy and Astrophysics

(Student Option; Prereq: instr consent)
54984 001 IND, In Person Term Based; 1-4 cr.

Biochemistry (BIOC)**1010 Human Health and Disease**

(Student Option;)
46966 001 LEC, 9:45-11:00 TTh, Molecular Cellular Biol 2-120, In Person Term Based; David Laporte, James Ervasti ; 3 cr.

2011 Biochemistry for the Agricultural and Health Sciences

(Student Option; Prereq: Chem 1015, Bio 1009)
46664 001 LEC, 9:45-11:00 TTh, Jackson Hall 2-137, In Person Term Based; Ian Armitage ; 3 cr.

3021 Biochemistry

(Student Option; Prerequisites: Introductory Biology (BIOL 1009 or BIOL 2003 or equivalent) and Organic Chemistry (CHEM 2301 or CHEM 2081/2085 or equivalent) enforced prerequisite: not a CBS student)
47016 090 LEC, 00:00-00:00 , ONLINE, Completely Online; Robert Roon ; 3 cr.
47017 001 LEC, 13:30-14:45 TTh, Ruttan Hall B45, In Person Term Based; Meets With: 002 BIOC 6021; Douglas Ohlendorf ; 3 cr.
47018 002 LEC, 9:45-11:00 TTh, Molecular Cellular Biol 3-120, In Person Term Based; Meets With: 003 BIOC 6021; Kenneth Adolph ; 3 cr.

3022 Biochemistry for Life Scientists

(Student Option;)
47150 001 LEC, 13:00-14:15 TTh, Molecular Cellular Biol 3-120, In Person Term Based; Paul Siliciano ; 3 cr.
47152 002 LEC, 15:00-16:15 TTh, Molecular Cellular Biol 3-120, In Person Term Based; Janet Schottel ; 3 cr.

4025W Laboratory in Biochemistry

(Student Option; Prereq: 3021 or 4331 or equivWI)
46532 001 LEC, 15:35-16:25 M, Molecular Cellular Biol 3-120, In Person Term Based; Beverly Smith-Keiling ; 2 cr.
46533 002 LAB, 8:15-11:55 T, Molecular Cellular Biol 2-128, In Person Term Based; Beverly Smith-Keiling ; 2 cr.
46534 003 LAB, 13:15-16:55 T, Molecular Cellular Biol 2-128, In Person Term Based; Beverly Smith-Keiling ; 2 cr.
46535 004 LAB, 8:15-11:55 Th, Molecular Cellular Biol 2-128, In Person Term Based; Beverly Smith-Keiling ; 2 cr.
46536 005 LAB, 13:15-16:55 Th, Molecular Cellular Biol 2-128, In Person Term Based; Beverly Smith-Keiling ; 2 cr.
46537 006 LAB, 17:20-21:00 T, Molecular Cellular Biol 2-128, In Person Term Based; Beverly Smith-Keiling ; 2 cr.
46538 007 LAB, 17:20-21:00 Th, Molecular Cellular Biol 2-128, In Person Term Based; Beverly Smith-Keiling ; 2 cr.

4325 Laboratory in Mass Spectrometry

(S-N only; Prereq: 4332, 4521)
47174 001 LEC, 8:30-13:00 TW, Biological Sciences Ctr 12, In Person Term Based; Timothy Griffin ; 1 cr.
47175 002 LAB, 13:00-16:00 TWThF, Biological Sciences Ctr 12, In Person Term Based; Timothy Griffin ; 1 cr.

4331 Biochemistry I: Structure, Catalysis, and Metabolism in Biological Systems

(Student Option; Prereq: (BIOL 1009 or 2003 or equiv) AND (Chem 2302 or CHEM 2081/2085 or equiv))
46827 001 LEC, 14:30-15:20 MTWTh, Mayo Bldg & Additions C231, In Person Term Based; Carrie Wilmot, Sharon Murphy ; 4 cr.

4332 Biochemistry II: Molecular Mechanisms of Signal Transduction and Gene Expression

(Student Option; Prereq: 4331 or instr consent)
46539 001 LEC, 12:20-14:15 TTh, Moos Health Sci Tower 2-690, In Person Term Based; Laurie Parker, Michel Sanders ; 4 cr.

4521 Introduction to Physical Biochemistry

(Student Option; Prereq: 4331 recommended, (Chem 1062/1066 or CHEM 1082/1086) AND (Physics 1202 or 1302))
46903 001 LEC, 9:05-9:55 MWF, Moos Health Sci Tower 3-110, In Person Term Based; Wendy Gordon, Kevin Mayo ; 3 cr.

4793W Directed Studies: Writing Intensive

(S-N or Audit; Prereq: instr consent, dept consentWI)
46657 001 IND, 00:00-00:00 , , In Person Term Based; Paul Siliciano ; 1-7 cr.

4794W Directed Research: Writing Intensive

(S-N or Audit; Prereq: instr consent, dept consentWI)
46658 001 IND, 00:00-00:00 , , In Person Term Based; Paul Siliciano ; 1-6 cr.

4993 Directed Studies

(S-N or Audit; Prereq: instr consent, dept consent)
46620 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

4994 Directed Research

(S-N or Audit; Prereq: instr consent, dept consent)
46621 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46850 002 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46851 003 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46855 004 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46856 005 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46859 006 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46862 007 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46863 008 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46868 009 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46870 010 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46871 011 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46872 012 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46873 013 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46874 014 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46879 015 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46881 016 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46882 017 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46883 018 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46884 019 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
46887 020 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

5002 Critical Evaluation of Biochemistry Research

(S-N only;)
70147 001 DIS, 15:35-16:25 M, Molecular Cellular Biol 2-122, In Person Term Based; David Laporte ; 1 cr.

5216 Current Topics in Signal Transduction

(A-F only; Prereq: BioC 4332 or Biol 4004 or instr consent)
47038 001 LEC, 13:00-14:15 MW, Amundson Hall 162, In Person Term Based; Do-Hyung Kim ; 3 cr.

5225 Graduate Laboratory in NMR Techniques

(S-N only; Prereq: 8001 or instr consent)
46961 002 LAB, 13:30-16:00 MTWTh, Mayo Bldg & Additions G205, In Person Term Based; Gopinath Tata ; 1 cr.
70237 001 LEC, 9:40-11:40 MTWTh, Mayo Bldg & Additions G205, In Person Term Based; Gopinath Tata ; 1 cr.

5309 Biocatalysis and Biodegradation

(Student Option;)

47121 001 LEC, 8:45-10:00 TTh, Gortner Laboratory 239, In Person Term Based; Lawrence Wackett ; 3 cr.

5352 Biotechnology and Bioengineering for Biochemists

(A-F or Audit; Prereq: [(3021 or 4331 or BIOL 3021 or or MICB 4111)], [BIOL 3301 or MICB 3301]) or instr consent)
46846 001 LEC, 13:30-14:45 MW, Gortner Laboratory 239, In Person Term Based; Claudia Schmidt-Dannert ; 3 cr.

5444 Muscle

(Student Option; Prereq: 3021 or BIOL 3021 or 4331 or BIOL 4331 or PHSL 3061 or instr consent)
46688 001 LEC, 16:00-17:15 TTh, Keller Hall 3-210, In Person Term Based; Meets With: 001 PHSL 5444; Vincent Barnett, David Thomas ; 3 cr.
69788 883 LEC, 16:00-17:15 TTh, ONLINE, Completely Online; Vincent Barnett, David Thomas ; 3 cr.

5528 Spectroscopy and Kinetics

(Student Option; Prereq: Intro physical chemistry or equiv; intro biochemistry recommended)
46669 001 LEC, 10:10-12:05 TTh, Nils Hasselmo Hall 2-101, In Person Term Based; David Thomas ; 4 cr.

6021 Biochemistry

(Student Option; Prereq: general biology, organic chemistry, instr consent; intended for MBS students)
46670 001 LEC, In Person Term Based; 3 cr.
46671 002 LEC, 13:30-14:45 TTh, Ruttan Hall B45, In Person Term Based; Meets With: 001 BIOC 3021; Douglas Ohlendorf ; 3 cr.
46672 003 LEC, 9:45-11:00 TTh, Molecular Cellular Biol 3-120, In Person Term Based; Meets With: 002 BIOC 3021; Kenneth Adolph ; 3 cr.
46902 090 LEC, 00:00-00:00 , ONLINE, Completely Online; Robert Roon ; 3 cr.

8084 Research and Literature Reports

(S-N or Audit; Prereq: Grad BMBB major or instr consent)
46543 001 LEC, 12:20-13:10 T, Jackson Hall 2-137, In Person Term Based; Kevin Mayo ; 1 cr.

8184 Graduate Seminar

(S-N or Audit; Prereq: grad BMBB major or DGS consent)
46544 001 LEC, 16:00-17:00 W, Jackson Hall 2-137, In Person Term Based; Ian Armitage ; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
46634 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8401 Ethics, Public Policy, and Careers in Molecular and Cellular Biology

(S-N or Audit; Prereq: Grad student in [BMBB or MCDB] concurrent registration is required (or allowed) in G)
46828 001 LEC, 15:35-17:15 M, Mayo Bldg & Additions C231, In Person Term Based; David Bernlohr, Brian Van Ness ; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
46629 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
46632 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
46641 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
46635 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

Bioethics, Center for (BTHX)

5000 Topics in Bioethics**(Student Option;)**

- 67919 002 LEC, 16:30-19:10 M, Moos Health Sci Tower 1-430, In Person Term Based; Meets With: 002 BTHX 8000; Joan Liaschenko, Nicole Reynolds ; 1-4 cr.
- 68256 001 LEC, 13:30-16:00 T, Boynton Health Services N539, In Person Term Based; Meets With: 001 BTHX 8000; Leigh Turner ; 1-4 cr.
- 68257 003 LEC, 18:00-20:30 M, Ferguson Hall 123, In Person Term Based; Meets With: 001 MUS 5701; Alex Lubet ; 1-4 cr.
- 69735 005 LEC, 13:30-16:00 M, Boynton Health Services N539, In Person Term Based; Meets With: 005 BTHX 8000; John Song ; 1-4 cr.

5400 Intro Ethics in Hlth Policy**(Student Option; Prereq: Grad student or professional student or instr consent)**

- 68299 001 LEC, 17:30-20:00 T, Mayo Bldg & Additions 1250, In Person Term Based; Joel Wu ; 3 cr.

5630 Bioethics Colloquium**(S-N only;)**

- 67383 001 LEC, In Person Term Based; Susan Craddock ; 1 cr.

5710 Ethical Issues in Global Health**(Student Option;)**

- 69459 001 DIS, 9:30-12:00 T, Vincent Hall 364, In Person Term Based; Meets With: 007 BTHX 8000; Danielle Paciulli ; 3 cr.

5900 Independent Study in Bioethics**(Student Option; Prereq: instr consent)**

- 45700 001 IND, 00:00-00:00 , , Independent/Directed Study; Debra DeBruin ; 1-4 cr.
- 45701 003 IND, 00:00-00:00 , , Independent/Directed Study; Joan Liaschenko ; 1-4 cr.
- 45703 006 IND, Independent/Directed Study; Leigh Turner ; 1-4 cr.
- 45704 005 IND, 00:00-00:00 , , Independent/Directed Study; John Song ; 1-4 cr.
- 45818 002 IND, In Person Term Based; Bruce Elliott Jr ; 1-4 cr.
- 69744 007 IND, In Person Term Based; Susan Craddock ; 1-4 cr.

8000 Advanced Topics in Bioethics**(Student Option; Prereq: Grad or professional student)**

- 67920 001 LEC, 13:30-16:00 T, Boynton Health Services N539, In Person Term Based; Meets With: 001 BTHX 5000; Leigh Turner ; 1-4 cr.
- 67921 002 LEC, 16:30-19:10 M, Moos Health Sci Tower 1-430, In Person Term Based; Meets With: 002 BTHX 5000; Joan Liaschenko, Nicole Reynolds ; 1-4 cr.
- 69010 004 LEC, 15:35-17:30 W, Mondale Hall N209, In Person Term Based; Meets With: 001 LAW 6824001 GCD 8920; June Carbone, Brian Van Ness ; 1-4 cr.
- 69746 006 LEC, 11:15-13:45 W, Folwell Hall 118, In Person Term Based; Meets With: 001 GWSS 8220; Susan Craddock ; 1-4 cr.
- 69747 005 LEC, 13:30-16:00 M, Boynton Health Services N539, In Person Term Based; Meets With: 005 BTHX 5000; John Song ; 1-4 cr.
- 69877 007 LEC, 9:30-12:00 T, Vincent Hall 364, In Person Term Based; Meets With: 001 BTHX 5710; Danielle Paciulli ; 1-4 cr.

8114 Ethical and legal Issues in Genetic**Counseling****(A-F or Audit; Prereq: [MCDG MS, genetic counseling specialization] or instr consent)**

- 45800 001 LEC, 15:35-18:00 W, Molecular Cellular Biol 2-122, In Person Term Based; Meets With: 001 GCD 8914; Bonnie LeRoy ; 3 cr.

8333 FTE: Master's**(No Grade Associated; Prereq: Master's student, adviser consent, DGS consent)**

- 45736 001 IND, In Person Term Based; 1 cr.

8500 Practicum in Bioethics**(Student Option No Audit; Prereq: Bioethics grad [major or minor] or instr consent)**

- 45741 001 FWK, 00:00-00:00 , , Independent/Directed Study; Debra DeBruin ; 1-4 cr.
- 45742 003 FWK, 00:00-00:00 , , Independent/Directed Study; Joan Liaschenko ; 1-4 cr.
- 45744 005 FWK, 00:00-00:00 , , Independent/Directed Study; John Song ; 1-4 cr.
- 45745 006 FWK, 00:00-00:00 , , Independent/Directed Study; Leigh Turner ; 1-4 cr.
- 45819 002 FWK, In Person Term Based; Bruce Elliott Jr ; 1-4 cr.

- 69745 007 FWK, In Person Term Based; Susan Craddock ; 1-4 cr.

8755 Plan B Capstone**(No Grade Associated; Prereq: Advanced Plan B MA student.)**

- 70293 001 IND, In Person Term Based; Debra DeBruin ; 1-7 cr.

8777 Thesis Credits: Master's**(No Grade Associated;)**

- 45737 001 IND, In Person Term Based; 1-18 cr.

8900 Advanced Independent Study in Bioethics**(Student Option; Prereq: instr consent)**

- 45705 002 IND, 00:00-00:00 , , Independent/Directed Study; Bruce Elliott Jr ; 1-4 cr.
- 45706 003 IND, 00:00-00:00 , , Independent/Directed Study; Joan Liaschenko ; 1-4 cr.
- 45708 005 IND, 00:00-00:00 , , Independent/Directed Study; John Song ; 1-4 cr.
- 45709 006 IND, 00:00-00:00 , , Independent/Directed Study; Leigh Turner ; 1-4 cr.
- 45710 007 IND, Independent/Directed Study; Susan Craddock ; 1-4 cr.
- 45817 001 IND, In Person Term Based; Debra DeBruin ; 1-4 cr.

Biology (BIOL)**1001 Introductory Biology: Evolutionary and Ecological Perspectives****(Student Option; BIOL)**

- 46565 001 LEC, 14:30-15:45 MW, Willey Hall 175, In Person Term Based; Charles Willis ; 4 cr.
- 46566 002 LAB, 10:10-12:05 M, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
- 46567 003 LAB, 16:40-18:35 M, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
- 46568 004 LAB, 8:00-9:55 T, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
- 46569 005 LAB, 10:10-12:05 T, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
- 46570 007 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
- 46571 008 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
- 46572 010 LAB, 10:10-12:05 W, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
- 46573 011 LAB, 16:40-18:35 W, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
- 46574 014 LAB, 14:30-16:25 Th, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
- 46575 015 LAB, 16:40-18:35 Th, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
- 46637 013 LAB, 12:20-14:15 Th, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
- 46638 012 LAB, 10:10-12:05 Th, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
- 46639 006 LAB, 12:20-14:15 T, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
- 46686 009 LAB, 8:00-9:55 W, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
- 66865 090 LEC, Completely Online; Charles Willis ; 4 cr.

1003 Evolution and Biology of Sex**(Student Option; BIOL)**

- 46967 001 LEC, 9:45-11:00 MW, Bruininks Hall 330, In Person Term Based; Daniel Sorensen ; 4 cr.
- 46968 002 LAB, 10:10-12:05 T, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
- 46969 003 LAB, 12:20-14:15 T, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
- 46970 004 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
- 46971 005 LAB, 12:20-14:15 W, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
- 46972 006 LAB, 14:30-16:25 W, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
- 47010 020 LEC, 11:15-12:30 MW, Bruininks Hall 330, In Person Term Based; Rachel Olzer ; 4 cr.
- 47011 021 LAB, 8:00-9:55 T, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
- 47012 022 LAB, 12:20-14:15 T, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
- 47013 023 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
- 47014 024 LAB, 16:40-18:35 W, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
- 47015 025 LAB, 10:10-12:05 Th, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
- 47078 030 LEC, 9:45-11:00 TTh, Bruininks Hall 220, In Person Term Based; Mark Decker ; 4 cr.

- 47079 031 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
- 47080 032 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
- 47081 033 LAB, 10:10-12:05 W, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
- 47082 034 LAB, 12:20-14:15 W, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
- 47083 035 LAB, 14:30-16:25 W, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
- 47143 036 LAB, 16:40-18:35 W, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
- 47144 037 LAB, 12:20-14:15 Th, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
- 47145 038 LAB, 14:30-16:25 Th, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.

1009 General Biology**(Student Option; Prereq: high school chemistryBIOL)**

- 46545 001 LEC, 9:45-11:00 TTh, Keller Hall 3-210, In Person Term Based; Cheryl Scott ; 4 cr.
- 46546 002 LAB, 12:20-14:15 T, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
- 46547 003 LAB, 12:20-14:15 T, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
- 46548 004 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
- 46549 005 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
- 46550 007 LAB, 8:00-9:55 W, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
- 46551 008 LAB, 12:20-14:15 W, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
- 46552 009 LAB, 12:20-14:15 W, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
- 46553 010 LAB, 12:20-14:15 Th, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
- 46554 011 LAB, 14:30-16:25 Th, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
- 46556 044 LAB, 14:30-16:25 W, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.
- 46557 045 LAB, 10:10-12:05 Th, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
- 46558 046 LAB, 10:10-12:05 Th, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
- 46559 047 LAB, 16:40-18:35 Th, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
- 46687 006 LAB, 8:00-9:55 W, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
- 46904 030 LEC, 13:00-14:15 TTh, Willey Hall 175, In Person Term Based; Sue Gibson ; 4 cr.
- 46905 031 LAB, 8:00-9:55 T, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
- 46906 032 LAB, 8:00-9:55 T, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
- 46907 033 LAB, 10:10-12:05 T, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
- 46908 034 LAB, 10:10-12:05 T, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
- 46909 035 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
- 46910 036 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
- 46911 037 LAB, 8:00-9:55 W, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.
- 46912 038 LAB, 10:10-12:05 W, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
- 46931 048 LAB, 16:40-18:35 Th, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
- 46982 039 LAB, 10:10-12:05 W, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
- 46988 040 LAB, 10:10-12:05 W, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.
- 47077 041 LAB, 12:20-14:15 W, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.
- 47085 042 LAB, 14:30-16:25 W, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
- 47147 043 LAB, 14:30-16:25 W, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
- 67514 090 LEC, Completely Online; Charles Willis ; 4 cr.

1009H Honors: General Biology**(Student Option; Prereq: high school chemistry, honors; one term of college chemistry recommendedBIOL)**

- 46673 001 LEC, 13:00-14:15 TTh, Bruininks Hall 420B, In Person Term Based; Cheryl Scott ; 4 cr.
- 46674 081 LAB, 8:00-9:55 T, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.
- 46940 082 LAB, 10:10-12:05 T, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.

1010 Human Biology: Concepts and Current Ethical Issues**(Student Option; BIOL,CIV)**

46991 001 LEC, 13:25-14:15 MWF, Bruininks Hall 312, In Person Term Based; Sarah Malmquist, Kristina Prescott ; 4 cr.

46992 002 LAB, 8:00- 9:55 T, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.

46993 003 LAB, 10:10-12:05 T, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.

46994 004 LAB, 12:20-14:15 T, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.

46995 005 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.

46996 006 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.

47002 020 LEC, 14:30-15:20 MWF, Bruininks Hall 312, In Person Term Based; Kristina Prescott, Sarah Malmquist ; 4 cr.

47003 021 LAB, 12:20-14:15 W, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.

47004 022 LAB, 16:40-18:35 W, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.

47005 023 LAB, 10:10-12:05 Th, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.

47006 024 LAB, 12:20-14:15 Th, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.

47007 025 LAB, 14:30-16:25 Th, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.

47034 007 LAB, 10:10-12:05 W, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.

47035 026 LAB, 16:40-18:35 Th, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.

1015 Human Physiology, Technology, and Medical Devices

(Student Option; BIOL,TS)

47170 001 LEC, 11:15-12:30 TTh, Bruininks Hall 131B, In Person Term Based; Murray Jensen ; 4 cr.

47171 002 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-126, In Person Term Based; 4 cr.

47172 003 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-126, In Person Term Based; 4 cr.

47173 004 LAB, 14:30-16:25 Th, Molecular Cellular Biol 2-126, In Person Term Based; 4 cr.

1020 Biology Colloquium

(S-N or Audit;)

46531 001 LEC, 14:30-16:25 M, Molecular Cellular Biol 2-120, In Person Term Based; Carolyn Siffow ; 1 cr.

1050 Environmental Biology: Science and Solutions

(Student Option; ENV)

46997 001 LEC, 13:00-14:15 MW, Anderson Hall 210, In Person Term Based; Meets With: 001 BIOL 1055; Vanessa Pompei ; 3 cr.

1055 Environmental Biology: Science and Solutions with Laboratory

(Student Option; BIOL,ENV)

47063 001 LEC, 13:00-14:15 MW, Anderson Hall 210, In Person Term Based; Meets With: 001 BIOL 1050; Vanessa Pompei ; 4 cr.

47066 002 LAB, 14:30-16:25 Th, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.

47067 003 LAB, 16:40-18:35 Th, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.

47068 004 LAB, 10:10-12:05 F, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.

47069 005 LAB, 12:20-14:15 F, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.

1093 Biology Colloquium: Directed Study

(S-N or Audit; Prereq: 1020 and concurrent registration is required (or allowed) in 1020)

46578 001 IND, 00:00-00:00 , , In Person Term Based; Carolyn Siffow ; 1 cr.

1101 Genetics and Society

(Student Option; Prereq: No cr if taken after 4003 or GCB 3022CIV)

46999 001 LEC, 9:45-11:00 MW, Nicholson Hall 35, In Person Term Based; William Oetting ; 3 cr.

1301 Becoming a Reflective Leader

(S-N only; Prereq: Dean's Scholar)

47163 001 DIS, 9:05- 9:55 T, Bruininks Hall 119, In Person Term Based; Martha Scott Johnson ; 1 cr.

47164 002 DIS, 15:35-16:25 W, Bruininks Hall 117, In Person Term Based; Aryn Lipnicki ; 1 cr.

47165 003 DIS, 9:05- 9:55 Th, Bruininks Hall 119, In Person Term Based; Claire Drevs ; 1 cr.

47166 004 DIS, 15:35-16:25 T, Bruininks Hall 117, In Person Term Based; Nicole Prentice ; 1 cr.

1806 Nature of Life, Part Two

(S-N only; Prereq: 1805)

47032 001 LEC, 12:20-13:10 F, Bruininks Hall 330, 12:20-13:10 F, Bruininks Hall 312, 12:20-13:10 F, Bruininks Hall 412, 12:20-13:10 F, Smith Hall 231, 12:20-13:10 F, Nicholson Hall 35, 12:20-13:10 F, Tate Hall 101, 12:20-13:10 F, Murphy Hall 130, 12:20-13:10 F, Willey Hall 175, In Person Term Based; Abby Conover ; 0.5 cr.

1904 Innovation and Imagination in Ireland

(A-F only; GP)

67099 001 LEC, 14:30-16:30 W, Smith Hall 111, In Person Term Based; John Ward ; 3 cr.

1915 Genomics: Issues and Applications in Your Life

(A-F only;)

67467 001 LEC, 14:30-15:45 T, Moos Health Sci Tower 2-580, In Person Term Based; Perry Hackett ; 1 cr.

1951 Foundations of Biology Lecture I for Biological Sciences Majors

(A-F only; Prereq: [[CHEM 1021 or 1061 or 1081 or equiv], CBS major] or dept consent; calculus I or equiv recommendedBIOL)

67409 001 LEC, 8:00- 9:55 MWF, Bruininks Hall 114, In Person Term Based; Meets With: 001 BIOL 1951H; David Matthes, Anna Mosser ; 4 cr.

67411 002 LEC, 10:10-12:05 MWF, Bruininks Hall 114, In Person Term Based; Meets With: 002 BIOL 1951H; Mark Decker, Brian Gibbens ; 4 cr.

67412 003 LEC, 12:20-14:15 MWF, Bruininks Hall 114, In Person Term Based; Meets With: 003 BIOL 1951H; Brian Gibbens, Mark Decker ; 4 cr.

1951H Foundations of Biology Lecture I for Biological Sciences Majors

(A-F only; Prereq: [[CHEM 1021 or 1061 or 1081 or equiv], CBS major] or dept consent; calculus I or equiv recommended Credit will not be granted if credit has been received for: BIOL 1951, BIOL 2002, BIOL 2002HBIOL)

67413 001 LEC, 8:00- 9:55 MWF, Bruininks Hall 114, In Person Term Based; Meets With: 001 BIOL 1951; David Matthes, Anna Mosser ; 4 cr.

67414 002 LEC, 10:10-12:05 MWF, Bruininks Hall 114, In Person Term Based; Meets With: 002 BIOL 1951; Mark Decker, Brian Gibbens ; 4 cr.

67415 003 LEC, 12:20-14:15 MWF, Bruininks Hall 114, In Person Term Based; Meets With: 003 BIOL 1951; Brian Gibbens, Mark Decker ; 4 cr.

1961 Foundations of Biology Lab I for Biological Sciences Majors

(A-F only; Prereq: [[CHEM 1021 or 1061 or 1081 or equiv], CBS major] or dept consent; prereq or coreq [BIOL 1951 or 1951H], calculus I or equiv recommended BIOL)

67420 005 LAB, 13:00-16:00 MW, Biological Sciences Ctr 198, In Person Term Based; Meets With: 005 BIOL 1961H; 2 cr.

67421 006 LAB, 13:00-16:00 MW, Biological Sciences Ctr 259, In Person Term Based; Meets With: 006 BIOL 1961H; 2 cr.

67422 007 LAB, 13:00-16:00 MW, Biological Science Ctr 282, In Person Term Based; Meets With: 007 BIOL 1961H; 2 cr.

67423 008 LAB, 13:00-16:00 MW, Biological Science Ctr 286, In Person Term Based; Meets With: 008 BIOL 1961H; 2 cr.

67424 009 LAB, 17:10-20:10 MW, Biological Sciences Ctr 198, In Person Term Based; Meets With: 009 BIOL 1961H; 2 cr.

67425 010 LAB, 17:10-20:10 MW, Biological Sciences Ctr 259, In Person Term Based; Meets With: 010 BIOL 1961H; 2 cr.

67426 011 LAB, 17:10-20:10 MW, Biological Science Ctr 282, In Person Term Based; Meets With: 011 BIOL 1961H; 2 cr.

67427 012 LAB, 17:10-20:10 MW, Biological Science Ctr 286, In Person Term Based; Meets With: 012 BIOL 1961H; 2 cr.

67428 013 LAB, 8:30-11:30 TTh, Biological Sciences Ctr 198, In Person Term Based; Meets With: 013 BIOL 1961H; 2 cr.

67429 014 LAB, 8:30-11:30 TTh, Biological Sciences Ctr 259, In Person Term Based; Meets With: 014 BIOL 1961H; 2 cr.

67430 015 LAB, 8:30-11:30 TTh, Biological Science Ctr 282, In Person Term Based; Meets With: 015 BIOL 1961H; 2 cr.

67431 016 LAB, 8:30-11:30 TTh, Biological Science Ctr 286, In Person Term Based; Meets With: 016 BIOL 1961H; 2 cr.

67432 017 LAB, 13:00-16:00 TTh, Biological Sciences Ctr 198, In Person Term Based; Meets With: 017 BIOL 1961H; 2 cr.

67433 018 LAB, 13:00-16:00 TTh, Biological Sciences Ctr 259, In Person Term Based; Meets With: 018 BIOL 1961H; 2 cr.

67434 019 LAB, 13:00-16:00 TTh, Biological Science Ctr 282, In Person Term Based; Meets With: 019 BIOL 1961H; 2 cr.

67435 020 LAB, 13:00-16:00 TTh, Biological Science Ctr 286, In Person Term Based; Meets With: 020 BIOL 1961H; 2 cr.

67436 021 LAB, 17:10-20:10 TTh, Biological Sciences Ctr 198, In Person Term Based; Meets With: 021 BIOL 1961H; 2 cr.

67437 022 LAB, 17:10-20:10 TTh, Biological Sciences Ctr 259, In Person Term Based; Meets With: 022 BIOL 1961H; 2 cr.

67438 023 LAB, 17:10-20:10 TTh, Biological Science Ctr 282, In Person Term Based; Meets With: 023 BIOL 1961H; 2 cr.

67439 024 LAB, 17:10-20:10 TTh, Biological Science Ctr 286, In Person Term Based; Meets With: 024 BIOL 1961H; 2 cr.

1961H Foundations of Biology Lab I for Biological Sciences Majors

(A-F only; Prereq: [[CHEM 1021 or 1061 or 1081 or equiv], CBS major] or dept consent; prereq or coreq: [BIOL 1951 or Biol 1951H]; calculus I or equiv recommendedBIOL)

67447 006 LAB, 13:00-16:00 MW, Biological Sciences Ctr 259, In Person Term Based; Meets With: 006 BIOL 1961; 2 cr.

67448 007 LAB, 13:00-16:00 MW, Biological Science Ctr 282, In Person Term Based; Meets With: 007 BIOL 1961; 2 cr.

67449 008 LAB, 13:00-16:00 MW, Biological Science Ctr 286, In Person Term Based; Meets With: 008 BIOL 1961; 2 cr.

67450 009 LAB, 17:10-20:10 MW, Biological Sciences Ctr 198, In Person Term Based; Meets With: 009 BIOL 1961; 2 cr.

67451 010 LAB, 17:10-20:10 MW, Biological Sciences Ctr 259, In Person Term Based; Meets With: 010 BIOL 1961; 2 cr.

67452 011 LAB, 17:10-20:10 MW, Biological Science Ctr 282, In Person Term Based; Meets With: 011 BIOL 1961; 2 cr.

67453 012 LAB, 17:10-20:10 MW, Biological Science Ctr 286, In Person Term Based; Meets With: 012 BIOL 1961; 2 cr.

67455 013 LAB, 8:30-11:30 TTh, Biological Sciences Ctr 198, In Person Term Based; Meets With: 013 BIOL 1961; 2 cr.

67456 014 LAB, 8:30-11:30 TTh, Biological Sciences Ctr 259, In Person Term Based; Meets With: 014 BIOL 1961; 2 cr.

67457 015 LAB, 8:30-11:30 TTh, Biological Science Ctr 282, In Person Term Based; Meets With: 015 BIOL 1961; 2 cr.

67458 016 LAB, 8:30-11:30 TTh, Biological Science Ctr 286, In Person Term Based; Meets With: 016 BIOL 1961; 2 cr.

67459 017 LAB, 13:00-16:00 TTh, Biological Sciences Ctr 198, In Person Term Based; Meets With: 017 BIOL 1961; 2 cr.

67460 018 LAB, 13:00-16:00 TTh, Biological Sciences Ctr 259, In Person Term Based; Meets With: 018 BIOL 1961; 2 cr.

67461 019 LAB, 13:00-16:00 TTh, Biological Science Ctr 282, In Person Term Based; Meets With: 019 BIOL 1961; 2 cr.

67462 020 LAB, 13:00-16:00 TTh, Biological Science Ctr 286, In Person Term Based; Meets With: 020 BIOL 1961; 2 cr.

67463 021 LAB, 17:10-20:10 TTh, Biological Sciences Ctr 198, In Person Term Based; Meets With: 021 BIOL 1961; 2 cr.

67464 022 LAB, 17:10-20:10 TTh, Biological Sciences Ctr 259, In Person Term Based; Meets With: 022 BIOL 1961; 2 cr.

67465 023 LAB, 17:10-20:10 TTh, Biological Science Ctr 282, In Person Term Based; Meets With: 023 BIOL 1961; 2 cr.

67466 024 LAB, 17:10-20:10 TTh, Biological Science Ctr 286, In Person Term Based; Meets With: 024 BIOL 1961; 2 cr.

2001 Career Planning for Biologists

(S-N or Audit;)

46853 001 DIS, 15:35-16:25 T, Bruininks Hall 420A, In Person Term Based; Rebecca Dordel ; 1 cr.

2003 Foundations of Biology for Biological Sciences Majors, Part II

(A-F only;)

46897 001 LEC, 11:15-13:10 TTh, Bruininks Hall 114, In Person Term Based; Meets With: 001 BIOL 2003H; Mark Decker, Tamar Resnick ; 3 cr.

46898 002 LEC, 13:25-15:20 TTh, Bruininks Hall 312, In Person Term Based; Meets With: 002 BIOL 2003H; Anna Mosser, Robert Brooker ; 3 cr.

2003H Foundations of Biology for Biological Sciences Majors, Part II (A-F only ;)

46916 001 LEC, 11:15-13:10 TTh, Bruininks Hall 114, In Person Term Based; Meets With: 001 BIOL 2003; Mark Decker, Tamar Resnick ; 3 cr.
46917 002 LEC, 13:25-15:20 TTh, Bruininks Hall 312, In Person Term Based; Meets With: 002 BIOL 2003; Anna Mosser, Robert Brooker ; 3 cr.

2005 Animal Diversity Laboratory (Student Option;)

46605 001 LAB, 9:35-12:35 T, Biological Sciences Ctr 107, In Person Term Based; 2 cr.
46606 002 LAB, 13:55-16:55 T, Biological Sciences Ctr 107, In Person Term Based; 2 cr.
46607 003 LAB, 18:10-21:10 T, Biological Sciences Ctr 107, In Person Term Based; 2 cr.
46608 004 LAB, 9:35-12:35 W, Biological Sciences Ctr 107, In Person Term Based; 2 cr.
46609 005 LAB, 13:55-16:55 W, Biological Sciences Ctr 182, In Person Term Based; 2 cr.
46610 006 LAB, 15:00-18:00 W, Biological Sciences Ctr 107, In Person Term Based; 2 cr.
46611 007 LAB, 9:35-12:35 Th, Biological Sciences Ctr 107, In Person Term Based; 2 cr.
46612 008 LAB, 13:55-16:55 Th, Biological Sciences Ctr 107, In Person Term Based; 2 cr.
46613 009 LAB, 18:10-21:10 Th, Biological Sciences Ctr 107, In Person Term Based; 2 cr.
46614 010 LAB, 11:45-14:45 F, Biological Sciences Ctr 182, In Person Term Based; 2 cr.

2007 Marine Animal Diversity Laboratory (A-F only; Prereq: Introductory biology with lab)

47084 001 LAB, 13:55-16:55 Th, Biological Sciences Ctr 182, In Person Term Based; 2 cr.

2012 General Zoology (Student Option; Prereq: One semester of college biology)

46592 001 LEC, 9:35-10:25 MWF, Ruttan Hall B35, In Person Term Based; Adam Engelhardt ; 4 cr.
46593 002 LAB, 8:30-11:30 T, Biological Sciences Ctr 182, In Person Term Based; 4 cr.
46594 003 LAB, 12:50-15:50 T, Biological Sciences Ctr 182, In Person Term Based; 4 cr.
46595 004 LAB, 17:10-20:10 T, Biological Sciences Ctr 182, In Person Term Based; 4 cr.
46596 005 LAB, 10:40-13:40 W, Biological Sciences Ctr 182, In Person Term Based; 4 cr.
46843 006 LAB, 8:30-11:30 Th, Biological Sciences Ctr 182, In Person Term Based; 4 cr.
47092 007 LAB, 17:10-20:10 Th, Biological Sciences Ctr 182, In Person Term Based; 4 cr.

2100 Brewing: The Biology, History, and Practice

(A-F only; Prereq: BIOL 1001 or 1009 or 1951 or 2002 or 2003 or 2004 Students must be 21 by the first day of class (Jan. 17, 2018) to register, we will check IDs on the first day of class. There are three required field trips. Field trips are on Fridays and are scheduled for: Mar 23rd, Mar 30th and likely a Friday in February. For the field trips students meet in McNeal Hall at 1:00pm and return approximately at 5pm to McNeal Hall.)

47120 001 LEC, 17:00-20:00 W, McNeal Hall 126,
17:00-20:00 W, McNeal Hall 144, 17:00-20:00 W, McNeal Hall 134, In Person Term Based; James Cotner, Dana Davis ; 3 cr.

2301 Leadership and Service

(S-N only; Prereq: 1301, CBS Dean's Scholar)

46960 001 DIS, 14:30-16:25 T, Molecular Cellular Biol 2-122, In Person Term Based; Aryn Lipnicki ; 2 cr.
47024 002 DIS, 13:25-15:20 F, Molecular Cellular Biol 2-122, In Person Term Based; Kristin Economos ; 2 cr.

2906 Nature of Life, Part IV

(S-N only; Prereq: 2905)

47089 001 IND, 00:00-00:00 , ONLINE, Completely Online; Abby Conover ; 0.5 cr.

3002 Plant Biology: Function

(Student Option; Prereq: [1002 or 1009 or 2003 or equiv], [CHEM 1011 or one semester chemistry with some organic content])

46617 001 LEC, 12:50-13:40 TTh, Andrew Boss Laboratory 125, In Person Term Based; Neil Olszewski ; 2 cr.
46839 002 LEC, 16:05-16:55 MW, Hodson Hall 490, In Person Term Based; Neil Olszewski ; 2 cr.

3004 Foundations of Biology for Biological Sciences Majors, Part II Laboratory

(A-F only ;)

46941 001 LEC, 16:05-18:00 T, Ecology Building 170, In Person Term Based; Meets With: 001 BIOL 3004H; 3 cr.
46942 002 LEC, 12:50-14:45 W, Ecology Building 170, In Person Term Based; Meets With: 002 BIOL 3004H; 3 cr.
46943 003 LEC, 16:05-18:00 Th, Ecology Building 170, In Person Term Based; Meets With: 003 BIOL 3004H; 3 cr.
46944 004 LEC, 17:10-19:05 W, Biological Sciences Ctr 12, In Person Term Based; Meets With: 004 BIOL 3004H; 3 cr.
46945 005 LEC, 13:55-15:50 Th, Biological Sciences Ctr 12, In Person Term Based; Meets With: 005 BIOL 3004H; 3 cr.
46946 009 LEC, 16:05-18:00 Th, Biological Sciences Ctr 12, In Person Term Based; Meets With: 009 BIOL 3004H; 3 cr.
46947 008 LEC, 15:00-16:55 W, Biological Sciences Ctr 12, In Person Term Based; Meets With: 008 BIOL 3004H; 3 cr.
46949 011 LEC, 15:00-16:55 T, Biological Sciences Ctr 12, In Person Term Based; Meets With: 011 BIOL 3004H; 3 cr.
46950 012 LEC, 15:00-16:55 W, Ecology Building 170, In Person Term Based; Meets With: 012 BIOL 3004H; 3 cr.
46984 010 LEC, 9:35-11:30 F, Biological Sciences Ctr 12, In Person Term Based; Meets With: 010 BIOL 3004H; 3 cr.
47025 013 LEC, 13:55-15:50 Th, Ecology Building 170, In Person Term Based; Meets With: 013 BIOL 3004H; 3 cr.
47026 014 LEC, 11:45-13:40 F, Biological Sciences Ctr 12, In Person Term Based; Meets With: 014 BIOL 3004H; 3 cr.
47053 006 LEC, 17:10-19:05 T, Biological Sciences Ctr 12, In Person Term Based; Meets With: 006 BIOL 3004H; 3 cr.
47054 007 LEC, 12:50-14:45 W, Biological Sciences Ctr 12, In Person Term Based; Meets With: 007 BIOL 3004H; 3 cr.
47138 015 LEC, 12:50-14:45 T, Biological Sciences Ctr 12, In Person Term Based; Meets With: 015 BIOL 3004H; 3 cr.
47176 016 LEC, 18:30-20:25 Th, Biological Sciences Ctr 12, In Person Term Based; Meets With: 016 BIOL 3004H; 3 cr.

3004H Foundations of Biology for Biological Sciences Majors, Part II Laboratory

(A-F only; Prereqs BIOL (2002 or 2002H or 1961 or 1961H) and honors)

46951 001 LEC, 16:05-18:00 T, Ecology Building 170, In Person Term Based; Meets With: 001 BIOL 3004; 3 cr.
46952 002 LEC, 12:50-14:45 W, Ecology Building 170, In Person Term Based; Meets With: 002 BIOL 3004; 3 cr.
46953 003 LEC, 16:05-18:00 Th, Ecology Building 170, In Person Term Based; Meets With: 003 BIOL 3004; 3 cr.
46954 004 LEC, 17:10-19:05 W, Biological Sciences Ctr 12, In Person Term Based; Meets With: 004 BIOL 3004; 3 cr.
46955 005 LEC, 13:55-15:50 Th, Biological Sciences Ctr 12, In Person Term Based; Meets With: 005 BIOL 3004; 3 cr.
46956 008 LEC, 15:00-16:55 W, Biological Sciences Ctr 12, In Person Term Based; Meets With: 008 BIOL 3004; 3 cr.
46957 009 LEC, 16:05-18:00 Th, Biological Sciences Ctr 12, In Person Term Based; Meets With: 009 BIOL 3004; 3 cr.
46958 010 LEC, 9:35-11:30 F, Biological Sciences Ctr 12, In Person Term Based; Meets With: 010 BIOL 3004; 3 cr.
46959 011 LEC, 15:00-16:55 T, Biological Sciences Ctr 12, In Person Term Based; Meets With: 011 BIOL 3004; 3 cr.
46985 012 LEC, 15:00-16:55 W, Ecology Building 170, In Person Term Based; Meets With: 012 BIOL 3004; 3 cr.
47027 013 LEC, 13:55-15:50 Th, Ecology Building 170, In Person Term Based; Meets With: 013 BIOL 3004; 3 cr.
47028 014 LEC, 11:45-13:40 F, Biological Sciences Ctr 12, In Person Term Based; Meets With: 014 BIOL 3004; 3 cr.
47055 006 LEC, 17:10-19:05 T, Biological Sciences Ctr 12, In Person Term Based; Meets With: 006 BIOL 3004; 3 cr.
47056 007 LEC, 12:50-14:45 W, Biological Sciences Ctr 12, In Person Term Based; Meets With: 007 BIOL 3004; 3 cr.
47139 015 LEC, 12:50-14:45 T, Biological Sciences Ctr 12, In Person Term Based; Meets With: 015 BIOL 3004; 3 cr.
47178 016 LEC, 18:30-20:25 Th, Biological Sciences Ctr 12, In Person Term Based; Meets With: 016 BIOL 3004; 3 cr.
47179 017 LEC, In Person Term Based; Meets With: 017 BIOL 3004; 3 cr.

3005W Plant Function Laboratory

(Student Option; W)

46618 001 LEC, 15:00-15:50 M, Ruttan Hall B25, In Person Term Based; M Marks ; 2 cr.
46619 002 LAB, 9:35-12:35 T, Biological Sciences Ctr 176, In Person Term Based; 2 cr.
46636 003 LAB, 17:55-20:55 T, Biological Sciences Ctr 176, In Person Term Based; 2 cr.
46726 005 LAB, 13:55-16:55 Th, Biological Sciences Ctr 176, In Person Term Based; 2 cr.
47141 004 LAB, 9:30-12:30 Th, Biological Sciences Ctr 176, In Person Term Based; 2 cr.

3020 Molecular Biology and Society

(S-N only; Prerequisite for most upper-level CBS courses.TS)

47140 001 LEC, 14:30-15:45 MW, Bruininks Hall 330, In Person Term Based; David Kirkpatrick, Anath Das ; 3 cr.

47156 002 LEC, 10:15-11:30 TTh, Biological Sciences Ctr 64, In Person Term Based; Jane Glazebrook, Nathan Springer ; 3 cr.

68932 003 LEC, 11:15-12:30 TTh, Bruininks Hall 312, In Person Term Based; David Kirkpatrick, Anath Das ; 3 cr.

3209 Understanding the Evolution-Creationism Controversy

(A-F only; Prereq: BIOL 1001, 1009, 1951 or 2002, or equivCIV)

46998 001 LEC, 8:15- 9:30 TTh, Molecular Cellular Biol 2-122, In Person Term Based; Randy Moore ; 3 cr.

3211 Physiology of Humans and Other Animals

(Student Option; Prereq: [1009 or 2003], [CHEM 1062/1066 or 1082/1086], [2005 is recommended])

46600 001 LEC, 14:30-15:45 TTh, Bruininks Hall 330, In Person Term Based; Sarah Malmquist ; 3 cr.

3272 Applied Biostatistics

(A-F only; Prereq: High school algebra; 2003 recommended)

47088 001 LEC, 10:15-12:45 F, Biological Sciences Ctr 64, 10:15-11:30 W, Biological Sciences Ctr 64, In Person Term Based; Meets With: 001 BIOL 5272001 BIOL 3272H; Yaniv Brandvain ; 4 cr.

3272H Applied Biostatistics

(A-F only ;)

69814 001 LEC, 10:15-12:45 F, Biological Sciences Ctr 64, 10:15-11:30 W, Biological Sciences Ctr 64, In Person Term Based; Meets With: 001 BIOL 3272001 BIOL 5272; Yaniv Brandvain ; 4 cr.

3302 Leadership For Change

(S-N only; Prereq: 1301, 2301, CBS dean's scholar)

46986 001 DIS, 13:25-14:15 W, Bruininks Hall 420A, In Person Term Based; Nikki Letawsky Shultz ; 1 cr.

3600 Directed Instruction

(S-N or Audit; Prereq: 1020, upper div, application, instr consent; up to 4 cr may apply to major)

46580 001 IND, 00:00-00:00 , , In Person Term Based; Carolyn Siffow ; 1-2 cr.

3610 Internship: Professional Experience in Biological Sciences

(S-N or Audit; Prereq-Acceptance into CBS Internship Program, internship workshop, college consent.)

46623 001 FWK, In Person Term Based; Rebecca Luebbert ; 1-6 cr.

3700 Undergraduate Seminar

(Student Option;)

68875 001 LEC, 10:10-11:00 MWF, Kolthoff Hall 140, In Person Term Based; Yasuhiko Kawakami ; 1-3 cr.

3960H Communicating in the Biological Sciences

(A-F only ;)

47036 001 LEC, 14:30-15:20 M, Molecular Cellular Biol 2-122, In Person Term Based; Susan Wick ; 1 cr.

4003 Genetics

(Student Option; Prereq: Biol 3020 or BioC 3021 or BioC 4331 or grad MSB)

46680 003 LEC, 8:45-10:00 TTh, Biological Sciences Ctr 64, In Person Term Based; Nathan Springer ; 3 cr.
47057 001 LEC, 17:30-18:45 TTh, Ruttan Hall B35, In Person Term Based; William Gray ; 3 cr.
47135 002 LEC, 9:05- 9:55 MWF, Molecular Cellular Biol 2-120, In Person Term Based; Nobuaki Kikyo ; 3 cr.
67262 094 LEC, Completely Online; Robert Brooker ; 3 cr.

4004 Cell Biology

(Student Option; Prereq: BIOL 3020 or BIOL 4003 or grad MSB)

46679 002 LEC, 11:15-12:30 TTh, Smith Hall 231, In Person Term Based; Duncan Clarke ; 3 cr.
46840 003 LEC, 9:05- 9:55 MWF, Bruininks Hall 131B, In Person Term Based; Deanna Koeppe ; 3 cr.
47058 001 LEC, 11:45-13:00 WF, McNeal Hall 33, In Person Term Based; Clay Carter ; 3 cr.
67263 094 LEC, Completely Online; Jan Norrander ; 3 cr.

4201 Teaching in the Biology Laboratory

(S-N only; Prereq: Student who is teaching in CBS lab course)

46983 001 FWK, 00:00-00:00 , , In Person Term Based; Adam Engelhardt ; 1 cr.
47001 002 FWK, 00:00-00:00 , , In Person Term Based; Cheryl Scott ; 1 cr.

4321W Deconstructing Research: Writing about Biological Research for Non-scientists

(Student Option; Prereq: BIOL 2003 and BIOL 3004WI)
47148 001 DIS, 16:40-18:20 T, Bruininks Hall 420A, In Person Term Based; Maxwell Kramer ; 2 cr.

4793W Directed Studies: Writing Intensive

(S-N only; Prereq: instr consent, dept consentWI)
46973 001 IND, 00:00-00:00 , , Independent/Directed Study; Susan Wick ; 1-6 cr.

4794W Directed Research

(S-N only; Prereq: instr consent, dept consentWI)
46974 001 IND, 00:00-00:00 , , Independent/Directed Study; Susan Wick ; 1-6 cr.

4950 Special Topics in Biology

(Student Option;)
69736 001 DIS, 9:35-10:25 Th, Ruttan Hall B42, In Person Term Based; Meredith Steck ; 1-4 cr.
69748 002 DIS, 15:35-16:25 Th, Bruininks Hall 131A, In Person Term Based; Meredith Steck ; 1-4 cr.

4961H Thesis Writing in the Biological Sciences: Conveying and Contextualizing Results

(A-F only; Prereq: honors, CBS student or interdisciplinary major with life sciences focus)
47033 001 LEC, 12:20-13:10 W, Bruininks Hall 312, In Person Term Based; Leslie Schiff ; 1 cr.

4993 Directed Studies

(S-N only; Prereq: instr consent, dept consent)
46962 001 IND, 00:00-00:00 , , Independent/Directed Study; Susan Wick ; 1-6 cr.

4994 Directed Research

(S-N only; Prereq: instr consent, dept consent)
46963 001 IND, 00:00-00:00 , , Independent/Directed Study; Susan Wick ; 1-6 cr.

5272 Applied Biostatistics

(A-F only; Prereq: High school algebra; 2003 recommended)
47094 001 LEC, 10:15-12:45 F, Biological Sciences Ctr 64, 10:15-11:30 W, Biological Sciences Ctr 64, In Person Term Based; Meets With: 001 BIOL 3272001 BIOL 3272H; Yaniv Brandvain ; 4 cr.

6793 Directed Studies

(Student Option; Prereq: MBS, 7 cr max, instr consent)
46665 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

6794 Directed Research

(S-N or Audit; Prereq: MBS, instr consent)
46666 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

6999 Capstone Project

(S-N or Audit; Prereq: MBS, instr consent)
46667 001 IND, 00:00-00:00 , , In Person Term Based; Janet Schottel ; 2 cr.

Biology, Society, and Environ (BSE)**2001 An Introduction to Biology, Society, and Environment**

(A-F only; Prereq: BSE major. Must be completed prior to senior year.)
51311 001 LEC, 14:30-16:25 W, Anderson Hall 270, In Person Term Based; Katherine Klink ; 2 cr.

3996 Senior Project Directed Research

(A-F only; Prereq-instr consent, dept consent, college consent.)
69153 001 IND, In Person Term Based; Bruce Braun ; 3-4 cr.
69154 002 IND, In Person Term Based; Kathryn Grace ; 3-4 cr.
69155 003 IND, In Person Term Based; Daniel Griffin ; 3-4 cr.
69156 004 IND, In Person Term Based; Kurt Kipfmuller ; 3-4 cr.
69157 005 IND, In Person Term Based; Katherine Klink ; 3-4 cr.
69158 006 IND, In Person Term Based; Arun Saldanha ; 3-4 cr.
69159 007 IND, In Person Term Based; Abdi Samatar ; 3-4 cr.

69160 008 IND, In Person Term Based; Roderick Squires ; 3-4 cr.
69161 009 IND, In Person Term Based; 3-4 cr.

3996H Honors: Senior Project Directed Research

(A-F only; Prereq-instr consent, dept consent, college consent.)
69166 001 IND, In Person Term Based; Bruce Braun ; 3-4 cr.
69167 002 IND, In Person Term Based; Kathryn Grace ; 3-4 cr.
69168 003 IND, In Person Term Based; Daniel Griffin ; 3-4 cr.
69169 004 IND, In Person Term Based; Kurt Kipfmuller ; 3-4 cr.
69170 005 IND, In Person Term Based; Katherine Klink ; 3-4 cr.
69171 006 IND, In Person Term Based; Arun Saldanha ; 3-4 cr.
69172 007 IND, In Person Term Based; Abdi Samatar ; 3-4 cr.
69173 008 IND, In Person Term Based; Roderick Squires ; 3-4 cr.
69174 009 IND, In Person Term Based; 3-4 cr.

3997 Senior Project

(A-F only; Prereq-instr consent, dept consent, college consent.)
69222 001 IND, In Person Term Based; Bruce Braun ; 2 cr.
69223 002 IND, In Person Term Based; Kathryn Grace ; 2 cr.
69224 003 IND, In Person Term Based; Daniel Griffin ; 2 cr.
69225 004 IND, In Person Term Based; Kurt Kipfmuller ; 2 cr.
69226 005 IND, In Person Term Based; Katherine Klink ; 2 cr.
69227 006 IND, In Person Term Based; Arun Saldanha ; 2 cr.
69228 007 IND, In Person Term Based; Abdi Samatar ; 2 cr.
69229 008 IND, In Person Term Based; Roderick Squires ; 2 cr.
69230 009 IND, In Person Term Based; 2 cr.

3997H Honors: Senior Project

(A-F only; Prereq-instr consent, dept consent, college consent.)
69240 001 IND, In Person Term Based; Bruce Braun ; 2 cr.
69241 002 IND, In Person Term Based; Kathryn Grace ; 2 cr.
69242 003 IND, In Person Term Based; Daniel Griffin ; 2 cr.
69243 004 IND, In Person Term Based; Kurt Kipfmuller ; 2 cr.
69244 005 IND, In Person Term Based; Katherine Klink ; 2 cr.
69245 006 IND, In Person Term Based; Arun Saldanha ; 2 cr.
69246 007 IND, In Person Term Based; Abdi Samatar ; 2 cr.
69247 008 IND, In Person Term Based; Roderick Squires ; 2 cr.
69248 009 IND, In Person Term Based; 2 cr.

Biomedical Engineering (BMEN)**1602 Biomedical Engineering Undergraduate Seminar II**

(A-F only; Prereq: CSE student)
55755 001 LEC, 14:30-15:20 W, Molecular Cellular Biol 3-120, In Person Term Based; Shai Ashkenazi, Robert Tranquillo ; 1 cr.

2101 Biomedical Thermodynamics

(A-F only; Prereq: 2501, CHEM 1022, MATH 2373, concurrent registration is required (or allowed) in MATH 2374)
56815 001 LEC, 13:00-14:15 TTh, Vincent Hall 16, In Person Term Based; Casim Sarkar, Jonathan Sachs ; 3 cr.
56890 002 DIS, 12:20-13:10 M, Bruininks Hall 117, In Person Term Based; Casim Sarkar, Jonathan Sachs ; 3 cr.
56891 003 DIS, 12:20-13:10 W, Bruininks Hall 117, In Person Term Based; Casim Sarkar, Jonathan Sachs ; 3 cr.
56892 004 DIS, 12:20-13:10 F, Bruininks Hal 121, In Person Term Based; Casim Sarkar, Jonathan Sachs ; 3 cr.
56893 005 DIS, 8:00- 8:50 T, Bruininks Hall 117, In Person Term Based; Casim Sarkar, Jonathan Sachs ; 3 cr.
56894 006 DIS, 8:00- 8:50 Th, Bruininks Hall 117, In Person Term Based; Casim Sarkar, Jonathan Sachs ; 3 cr.

2151 Introductory Medical Device

Prototyping
(A-F only;)
67152 001 LEC, 10:10-11:00 MW, Mayo Medical Device Ctr G217-1, In Person Term Based; Steven Saliterman ; 3 cr.
67153 002 LAB, 10:10-12:05 Th, Mayo Medical Device Ctr G217-1, In Person Term Based; Steven Saliterman ; 3 cr.
67958 004 LAB, 14:30-16:25 F, Mayo Medical Device Ctr G217-1, In Person Term Based; Steven Saliterman ; 3 cr.
69379 003 LEC, 13:25-14:15 MW, Mayo Medical Device Ctr G217-1, In Person Term Based; Steven Saliterman ; 3 cr.

3111 Biomedical Transport Processes

(A-F or Audit; Prereq: [3011, 3015], [BMEN upper div or dept consent])
57204 001 LEC, 10:10-11:00 MWF, Jackson Hall 2-137, In Person Term Based; David Wood, David Odde ; 3 cr.
57205 002 DIS, 9:05- 9:55 T, Amundson Hall 124, In Person Term Based; David Wood, David Odde ; 3 cr.
57206 003 DIS, 9:05- 9:55 Th, Amundson Hall 124, In Person Term Based; David Wood, David Odde ; 3 cr.
57207 004 DIS, 8:00- 8:50 W, Ford Hall 150, In Person Term Based; David Wood, David Odde ; 3 cr.

3115 Biomedical Transport Processes Lab

(A-F or Audit; Prereq: [3011], concurrent registration is required (or allowed) in 3111), [BMEN upper div or dept consent])
57224 001 LAB, 10:10-12:05 T, Moos Health Sci Tower 3-238, In Person Term Based; David Wood, David Odde ; 1 cr.
57225 002 LAB, 12:20-14:15 T, Moos Health Sci Tower 3-238, In Person Term Based; David Wood, David Odde ; 1 cr.
57226 003 LAB, 10:10-12:05 Th, Moos Health Sci Tower 3-238, In Person Term Based; David Wood, David Odde ; 1 cr.
57227 004 LAB, 12:20-14:15 Th, Moos Health Sci Tower 3-238, In Person Term Based; David Wood, David Odde ; 1 cr.

3311 Biomaterials

(A-F or Audit; Prereq: 2101, [BMEN Upper Div or dept consent])
57208 001 LEC, 11:15-12:05 MWF, Jackson Hall 2-137, In Person Term Based; Chun Wang ; 3 cr.
57209 002 DIS, 11:15-12:05 T, Molecular Cellular Biol 2-122, In Person Term Based; Chun Wang ; 3 cr.
57210 003 DIS, 11:15-12:05 Th, Amundson Hall 124, In Person Term Based; Chun Wang ; 3 cr.
57211 004 DIS, 8:00- 8:50 W, Keller Hall 2-260, In Person Term Based; Chun Wang ; 3 cr.

3315 Biomaterials Lab

(A-F or Audit; Prereq: [2101], concurrent registration is required (or allowed) in 3311), [BMEN Upper Div or dept consent])
57212 001 LAB, 12:20-14:15 T, Moos Health Sci Tower 3-244, In Person Term Based; Chun Wang ; 1 cr.
57213 002 LAB, 14:30-16:25 T, Moos Health Sci Tower 3-244, In Person Term Based; Chun Wang ; 1 cr.
57214 003 LAB, 12:20-14:15 Th, Moos Health Sci Tower 3-244, In Person Term Based; Chun Wang ; 1 cr.
57215 004 LAB, 14:30-16:25 Th, Moos Health Sci Tower 3-244, In Person Term Based; Chun Wang ; 1 cr.

3411 Biomedical Systems Analysis

(A-F or Audit; Prereq: 3211, [BME Upper Div or dept consent])
57216 001 LEC, 9:05- 9:55 MWF, Jackson Hall 2-137, In Person Term Based; Matthew Johnson ; 3 cr.
57217 002 DIS, 15:35-16:25 T, Amundson Hall 120, In Person Term Based; Matthew Johnson ; 3 cr.
57218 003 DIS, 15:35-16:25 Th, Amundson Hall 120, In Person Term Based; Matthew Johnson ; 3 cr.
57219 004 DIS, 8:00- 8:50 Th, Amundson Hall 116, In Person Term Based; Matthew Johnson ; 3 cr.

3415 Biomedical Systems Analysis Lab

(A-F or Audit; Prereq: [3211], concurrent registration is required (or allowed) in 3411), [BME Upper Div or dept consent])
57220 001 LAB, 8:00- 9:55 T, Moos Health Sci Tower 3-349, In Person Term Based; Matthew Johnson ; 1 cr.
57221 002 LAB, 10:10-12:05 T, Moos Health Sci Tower 3-349, In Person Term Based; Matthew Johnson ; 1 cr.
57222 003 LAB, 8:00- 9:55 Th, Moos Health Sci Tower 3-349, In Person Term Based; Matthew Johnson ; 1 cr.
57223 004 LAB, 10:10-12:05 Th, Moos Health Sci Tower 3-349, In Person Term Based; Matthew Johnson ; 1 cr.

4002W Biomedical Engineering Design II

(A-F or Audit; Prereq: 4001WWW)
55787 002 DIS, In Person Term Based; Shai Ashkenazi ; 3 cr.
56506 001 LEC, 15:35-16:25 W, Akerman Hall 209, In Person Term Based; Shai Ashkenazi ; 3 cr.

4710 Directed Research

(A-F or Audit; Prereq: instr consent, dept consent)
55756 001 IND, 00:00-00:00 , , In Person Term Based; Chun Wang ; 1-4 cr.

4720 Directed Study

(A-F or Audit; Prereq: instr consent, dept consent)
55757 001 IND, In Person Term Based; Chun Wang ; 1-4 cr.

4794H Directed Research Honors

(A-F only; Prereq: BME UD, UHP student, instr consent, dept consent)
57743 001 IND, In Person Term Based; Casim Sarkar ; 1-4 cr.

4896 Industrial Assignment I: Co-op Program

(A-F only; Prereq: BMEN upper div, completion of required courses in BMEN prog through spring sem of 3rd yr, registered in co-op prog)
57068 001 FWK, 00:00-00:00 , , Independent/Directed Study; Chun Wang ; 2 cr.

4996 Industrial Assignment II: Co-op Program

(A-F only; Prereq: 4896, registration in co-op prog)
57069 001 FWK, 00:00-00:00 , , Independent/Directed Study; Chun Wang ; 3 cr.

5041 Tissue Engineering

(Student Option; Prereq: CSE upper div or grad student or med student or instr consent)

57744 001 LEC, 13:00-14:15 TTh, Keller Hall 3-125, In Person Term Based; Wei Shen ; 3 cr.
67729 883 LEC, 13:00-14:15 TTh, ONLINE, Completely Online; Wei Shen ; 3 cr.

5101 Advanced Bioelectricity and Instrumentation

(Student Option; Prereq: [CSE upper div, grad student] or instr consent)

55962 001 LEC, 9:45-11:00 TTh, Keller Hall 2-260, In Person Term Based; Alena Talkachova ; 3 cr.

5111 Biomedical Ultrasound

(Student Option; Prereq: [PHYS 1302 or equiv], [MATH 2374 or equiv] or instr consent)

57466 001 LEC, 12:20-13:10 MWF, Amundson Hall 104, In Person Term Based; Shai Ashkenazi ; 3 cr.

5151 Introduction to BioMEMS and Medical Microdevices

(A-F or Audit; Prereq: CSE sr or grad student or medical student)

56879 001 LEC, 15:35-17:30 Th, Molecular Cellular Biol 2-122, In Person Term Based; Steven Saliterman ; 2 cr.

5311 Advanced Biomedical Transport Processes

(Student Option;)

55564 001 LEC, 9:05-9:55 MWF, Mechanical Engineering 102, In Person Term Based; Meets With: 001 CHEN 5753; Robert Tranquillo ; 3 cr.
57507 883 LEC, 9:05-9:55 MWF, ONLINE, Completely Online; Robert Tranquillo ; 3 cr.

5413 Neural Decoding and Interfacing

(A-F or Audit; Prereq: 5411, [3201 or 3401 or equiv recommended])

67238 001 LEC, 9:45-11:00 MW, Nils Hasselmo Hall 2-101, In Person Term Based; Cory Gloeckner ; 3 cr.

5421 Introduction to Biomedical Optics

(A-F or Audit; Prereq: CSE sr or grad student)

67156 001 LEC, 11:15-12:30 TTh, Mechanical Engineering 102, In Person Term Based; Taner Akkin ; 3 cr.
68154 883 LEC, 11:15-12:30 TTh, ONLINE, Completely Online; Taner Akkin ; 3 cr.

5601 Cardiovascular Devices

(A-F or Audit; Prereq: BMEN 3011, 3111, 3211, or equivalents with instr consent)

57773 001 LEC, 14:30-15:20 Th, Molecular Cellular Biol 2-120, In Person Term Based; William Rissmann ; 1 cr.

8041 Advanced Tissue Engineering Lab

(A-F or Audit;)

57444 001 LAB, 13:00-15:30 F, Moos Health Sci Tower 3-343, In Person Term Based; Brenda Ogle ; 3 cr.

8151 Biomedical Electronics and Implantable Microsystems

(Student Option; Prerequisites: BMEN 5101 or equivalent background in bioinstrumentation and electric circuits.)

68086 001 LEC, 14:30-15:45 TTh, Bruininks Hall 144, In Person Term Based; Zhi Yang ; 3 cr.

8201 Advanced Tissue Mechanics

(A-F or Audit; Prereq: 3011 or AEM 2021 or equiv)

56995 001 LEC, 9:45-11:00 TTh, Akerman Hall 227, In Person Term Based; Patrick Alford ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

55635 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8334 Laboratory Neuroengineering

(S-N only; Prereq: Grad student in CSE or neuroscience)

57113 001 ROT, 00:00-00:00 , , Independent/Directed Study; 1 cr.
57114 002 ROT, 00:00-00:00 , , Independent/Directed Study; 1 cr.
57115 003 ROT, 00:00-00:00 , , Independent/Directed Study; 1 cr.

8402 New Product Design and Business Development

(A-F or Audit; Prereq: 8401)

55592 001 LEC, 17:00-20:20 W, Hanson Hall 1-109, In Person Term Based; Meets With: 060 ENTR 6042001 ME 8222; Daniel Forbes, William Durfee, Arthur Erdman ; 4 cr.

8421 Biophotonics

(A-F or Audit; Prereq: Graduate students in physical sciences (engineering, physics, chemistry etc.), or graduate students with an undergraduate degree in the physical sciences or mathematics, or consent of instructor. In addition to previous course work in engineering and/or physics, a working understanding of microscopy is recommended. Although not required, concurrent or previous enrollment in BMEN 5421 (Biomedical Optics) is recommended.)

57445 001 LEC, 13:00-14:15 TTh, Bruininks Hall 119, In Person Term Based; Paolo Provenzano ; 3 cr.

8431 Controlled Drug and Gene Delivery: Materials, Mechanisms, and Models

(A-F or Audit; Prereq: Differential equations course including partial differential equations or instr consent)

57315 001 LEC, 15:30-17:30 WTh, Weaver-Densford Hall 9-105, In Person Term Based; Meets With: 001 PHM 8431; Ronald Siegel, Jayanth Panyam ; 4 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

55652 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8502 Physiological Control Systems

(A-F only; Prereq: 8101 or equiv)

67157 001 LEC, 8:15-9:30 MW, Ford Hall 155, In Person Term Based; Tay Netoff ; 3 cr.

8602 Biomedical Engineering Seminar

(S-N or Audit;)

55575 001 LEC, 15:35-16:40 MW, Nils Hasselmo Hall 2-101, In Person Term Based; Casim Sarkar ; 1 cr.
55947 883 LEC, 15:35-16:40 M, ONLINE, Completely Online; Casim Sarkar ; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

55668 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8710 Directed Research

(Student Option;)

55576 001 IND, 00:00-00:00 , , In Person Term Based; Victor Barocas ; 1-4 cr.

8720 Internship in Biomedical Engineering

(S-N or Audit; Prereq: Grad BMEN major)

55577 001 FWK, 00:00-00:00 , , In Person Term Based; Victor Barocas ; 1-3 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

55687 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8820 Plan B Project

(Student Option; Prereq: BMEN MS student)

55593 001 IND, 00:00-00:00 , , In Person Term Based; Victor Barocas ; 2-3 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: PhD student in biomedical engineering; max 14 cr per semester or summer; 24 cr required)

55710 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8910 Independent Study

(Student Option; Prereq: Grad BMEN major)

55578 001 IND, 00:00-00:00 , , In Person Term Based; Victor Barocas ; 1-3 cr.

Bioproducts and Biosystems Eng (BBE)

1002 Biorenewable Resources

(A-F or Audit; TS)

53189 001 LEC, Completely Online; William Tai Yin Tze, Jeffrey Howe ; 3 cr.

2201 Renewable Energy and the Environment

(Student Option; TS)

53324 001 LEC, 00:00-00:00 , ONLINE, Completely Online; David Schmidt, Cindy McCormas ; 3 cr.

3033 Material and Energy Balances in Biological Systems

(A-F or Audit; Prereq: [CHEM 1062 or equiv], [CHEM 1066, or equiv], [MATH 1372 or equiv], [PHYS 1302W or equiv])

56876 001 LEC, 9:30-10:45 MW, Hodson Hall 490, In Person Term Based; Bo Hu ; 3 cr.

3043 Biological and Environmental Thermodynamics

(A-F or Audit; Prereq: BIOL 1009, [CHEM 1061 or equiv], [CHEM 1065, or equiv], [MATH 1372 or equiv], [PHYS 1302 or equiv])

56979 001 LEC, 8:30-9:20 MWF, Ruttan Hall B35, In Person Term Based; Bruce Wilson ; 3 cr.

3093 Directed Studies

(Student Option; Prereq: instr consent)

55456 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

3201 Sustainability of Food Systems: A Life Cycle Perspective

(A-F only; GP)

53386 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Natalie Hunt ; 3 cr.

3393 Directed Study

(Student Option; Prereq: instr consent)

52803 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

3396 Industry Assignment

(A-F or Audit;)

52802 001 FWK, 00:00-00:00 , , In Person Term Based; 1 cr.

4013 Transport in Biological Processes II

(A-F or Audit; Prereq: 3012, 3043, [upper div CSE or instr consent])

56492 001 LEC, 12:50-13:40 MWF, Ruttan Hall B45, In Person Term Based; John Nieber ; 3 cr.
57053 002 DIS, 13:55-14:45 M, Ruttan Hall B45, In Person Term Based; John Nieber ; 3 cr.

4303 Introduction to Bio-based Materials Science

(A-F or Audit; Prereq: 2001 or instr consent)

56877 001 LEC, 8:45-10:00 TTh, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 BBE 5303; Steve Severtson ; 3 cr.

4305 Pulp and Paper Technology

(Student Option; Prereq: Junior or senior or instr consent)

53362 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Meets With: 001 BBE 5305; Shri Ramaswamy ; 3 cr.

4333 Off-road Vehicle Design

(A-F or Audit; Prereq: [[2001, 4303] or [AEM 2021, AEM 3031], [3012 or CEGE 3502 or concurrent registration is required (or allowed) in CEGE 3502], upper div CSE] or instr consent)

56943 001 LEC, 18:00-21:20 T, Mechanical Engineering 221, In Person Term Based; Meets With: 001 BBE 5333; Jonathan Chaplin ; 4 cr.

4402 Bio-based Products Engineering Lab I

(A-F or Audit; Prereq: 3033 and CHEM 2301, [jr or sr or instr consent])

56377 001 LAB, 8:30-11:00 F, Kaufert Laboratory 60, In Person Term Based; Meets With: 001 BBE 5402; Shri Ramaswamy, Huajiang Huang, Ulrike Tschirner ; 1 cr.
57084 002 LAB, 8:30-11:00 W, Kaufert Laboratory 60, In Person Term Based; Meets With: 002 BBE 5402; Shri Ramaswamy, Huajiang Huang ; 1 cr.**4403 Bio-based Products Engineering Lab II**

(A-F or Audit; Prereq: CHEM 2301, [jr or sr or instr consent])

68294 001 LAB, 8:30-10:30 W, Room TBA, In Person Term Based; Meets With: 001 BBE 5403; Ulrike Tschirner ; 1 cr.

4491 Independent Study

(Student Option; Prereq: CSE or CFANS students, Upper Division; instructor permission)

53496 001 IND, In Person Term Based; 1-4 cr.

4502W BBE Capstone Design

(A-F or Audit; Prereq: 2002, srWI)

56378 001 LEC, 14:15-17:15 W, Biosystems & Ag Eng Bldg 106, In Person Term Based; Jonathan Chaplin, Bo Hu, Ping Wang, Bruce Wilson, R. Ruan ; 4 cr.

4523 Ecological Engineering Design

(A-F or Audit; Prereq: [CHEM 1022 or [CHEM 1062, CHEM 1066], 3012, upper div CSE] or instr consent)

56572 001 LEC, 11:45-12:35 MWF, Biosystems & Ag Eng Bldg 106, In Person Term Based; Meets With: 001 BBE 5523; John Nieber ; 3 cr.

4533 Sustainable Waste Management Engineering

(A-F or Audit; Prereq: 3023, upper div CSE)

56493 001 LEC, 13:15-14:05 TTh, Biosystems & Ag Eng Bldg 106, In Person Term Based; Chuck Clanton ; 3 cr.
56494 002 LAB, 11:30-13:00 TTh, Biosystems & Ag Eng Bldg 106, In Person Term Based; Chuck Clanton ; 3 cr.**4713 Biological Process Engineering**

(A-F or Audit; Prereq: [3033, [4013 or concurrent registration is required (or allowed) in 4013], upper div CSE] or instr consent)

56495 001 LEC, 11:45-12:35 MWF, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 BBE 5713; Ping Wang ; 3 cr.

4723 Food Process Engineering

(A-F or Audit; Prereq: [[4013 or concurrent registration is required (or allowed) in 4013], upper div CSE] or instr consent)

56972 001 LEC, 10:40-11:55 TTh, Biosystems & Ag Eng Bldg 308, In Person Term Based; Meets With: 001 BBE 5723; R. Ruan, Min Addy ; 3 cr.

4733 Renewable Energy Technologies

(A-F or Audit; Prereq: Junior or seniorTS)

56582 001 LEC, 15:00-16:15 TTh, Ruttan Hall B25, In Person Term Based; Meets With: 001 BBE 5733; R. Ruan, Min Addy ; 3 cr.

4743 Nanobioengineering & Nanobiotechnology

(Student Option; Prereq: Upper division in CSE or juniors and seniors in physical sciences, biological sciences and engineering (including CBS and CFANS) or equivalent or instructor consent.)

57806 001 LEC, 8:45-10:00 TTh, Borlaug Hall 365, In Person Term Based; Meets With: 001 BBE 5743; Abdennour ABBAS, Ping Wang ; 3 cr.

4753 Air Quality and Pollution Control Engineering

(A-F or Audit; Prereqs: BBE 3012, 3043, upper division CSE, graduate student or instructor consent. Credit will not be granted if credit has been received for CEGE 5561)

67701 001 LEC, 10:15-11:30 MW, Biosystems & Ag Eng Bldg 106, In Person Term Based; Meets With: 001 BBE 5753; Kevin Janni ; 3 cr.

4801H Honors Research

(A-F or Audit; Prereq: BBE upper div honors, instr consent)

52956 001 IND, 00:00-00:00 , , In Person Term Based; 2 cr.
53236 002 IND, 00:00-00:00 , , In Person Term Based; 2 cr.**4802H Honors Research**

(A-F or Audit; Prereq: BBE upper div honors, instr consent)

52958 001 IND, 00:00-00:00 , , In Person Term Based; 2 cr.
53237 002 IND, 00:00-00:00 , , In Person Term Based; 2 cr.**4900 Intern Reports**

(A-F or Audit; Prereq: [CSE or CFANS] student in BBE, instr consent)

55284 001 FWK, 00:00-00:00 , , In Person Term Based; 2 cr.

5095 Special Problems

(Student Option; Prereq: instr consent)

55457 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

5303 Introduction to Bio-based Materials Science

(Student Option;)

56878 001 LEC, 8:45-10:00 TTh, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 BBE 4303; Steve Severtson ; 3 cr.

5305 Pulp and Paper Technology

(Student Option;)

53363 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Meets With: 001 BBE 4305; Shri Ramaswamy ; 3 cr.

5333 Off-road Vehicle Design

(A-F only; Prereq: [[2001, 4303] or [AEM 2021, AEM 3031], [3012 or concurrent registration is required (or allowed) in 3012 or CECE 3502 or concurrent registration is required (or allowed) in CECE 3502], upper div CSE] or instr consent)

56942 001 LEC, 18:00-21:20 T, Mechanical Engineering 221, In Person Term Based; Meets With: 001 BBE 4333; Jonathan Chaplin ; 4 cr.

5402 Bio-based Products Engineering Lab I

(A-F or Audit;)

56402 001 LAB, 8:30-11:00 F, Kaufert Laboratory 60, In Person Term Based; Meets With: 001 BBE 4402; Shri Ramaswamy, Huajiang Huang, Ulrike Tschirner ; 1 cr.
57085 002 LAB, 8:30-11:00 W, Kaufert Laboratory 60, In Person Term Based; Meets With: 002 BBE 4402; Shri Ramaswamy, Huajiang Huang ; 1 cr.**5403 Bio-based Products Engineering Lab II**

(A-F or Audit; Prereq: Grad student or instr consent)

68295 001 LAB, 8:30-10:30 W, Room TBA, In Person Term Based; Meets With: 001 BBE 4403; Ulrike Tschirner ; 1 cr.

5523 Ecological Engineering Design

(A-F only; Prereq: [[CHEM 1022 or CHEM 1062, CHEM 1066], BBE 3012, grad student] or instr consent)

56949 001 LEC, 11:45-12:35 MWF, Biosystems & Ag Eng Bldg 106, In Person Term Based; Meets With: 001 BBE 4523; John Nieber ; 3 cr.

5713 Biological Process Engineering

(A-F only; Prereq: [3033, [4013 or concurrent registration is required (or allowed) in 4013], or instr consent)

56989 001 LEC, 11:45-12:35 MWF, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 BBE 4713; Ping Wang ; 3 cr.

5723 Food Process Engineering

(A-F or Audit; Prereq: [[4013 or concurrent registration is required (or allowed) in 4013], or instr consent)

56987 001 LEC, 10:40-11:55 TTh, Biosystems & Ag Eng Bldg 308, In Person Term Based; Meets With: 001 BBE 4723; R. Ruan, Min Addy ; 3 cr.

5733 Renewable Energy Technologies

(A-F or Audit; Prereq: Grad student or instr consent)

56986 001 LEC, 15:00-16:15 TTh, Ruttan Hall B25, In Person Term Based; Meets With: 001 BBE 4733; R. Ruan, Min Addy ; 3 cr.

5743 Nanobioengineering & Nanobiotechnology

(Student Option; Prereq: Instructor consent)

57807 001 LEC, 8:45-10:00 TTh, Borlaug Hall 365, In Person Term Based; Meets With: 001 BBE 4743; Abdennour ABBAS, Ping Wang ; 3 cr.

5753 Air Quality and Pollution Control Engineering

(A-F or Audit; Prerequisites Graduate student or instructor consent Credit will not be granted if credit has been received for CEGE 5561)

67702 001 LEC, 10:15-11:30 MW, Biosystems & Ag Eng Bldg 106, In Person Term Based; Meets With: 001 BBE 4753; Kevin Janni ; 3 cr.

8002 Seminar II

(A-F only; Prereq: 8001 or concurrent registration is required (or allowed) in 8001 or equiv)

53254 001 LEC, 13:55-15:55 M, Biosystems & Ag Eng Bldg 308, In Person Term Based; Simo Sarkanen ; 1 cr.

8094 Advanced Problems and Research

(Student Option; Prereq: 5095)

53135 001 IND, 00:00-00:00 , , In Person Term Based; John Nieber ; 2-6 cr.

8300 Research Problems

(Student Option; Prereq: instr consent)

52804 001 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

53017 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

53034 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

53046 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

53064 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

53084 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

Business Administration (BA)**999 Immersion Core**

(A-F only; Prereq: Microecon, macroecon, calculus, accounting, statistics, Carlson School [soph or jr])

53919 001 LEC, 8:15-9:30 MW, Hanson Hall 1-106, 8:15-9:30 TTh, Hanson Hall 1-104, 9:45-11:00 MWTTh, Hanson Hall 1-104, In Person Term Based; Helen Moser, Wendy Lutter, David Quimby, Mary Benner ; 12 cr.
53920 002 LEC, 9:45-11:00 TTh, Hanson Hall 1-102, 11:15-12:30 WF, Hanson Hall 1-104, 9:45-11:00 WF, Hanson Hall 1-106, 11:15-12:30 TTh, Hanson Hall 1-102, In Person Term Based; Aamir Khan, Wayne Mueller, Alex Wilson, Ximin (Natalie) Huang ; 12 cr.53921 003 LEC, 13:00-14:15 MW, Hanson Hall 1-104, 14:30-15:45 TTh, Hanson Hall 1-106, 13:00-14:15 TTh, Hanson Hall 1-106, 14:30-15:45 MW, Hanson Hall 1-104, In Person Term Based; Helen Moser, Wendy Lutter, Thomas Buchner, Mary Benner ; 12 cr.
53922 004 LEC, 8:15-9:30 MW, Hanson Hall 1-102, 14:30-15:45 TTh, Hanson Hall 1-104, 13:00-14:15 TTh, Hanson Hall 1-104, 9:45-11:00 MW, Hanson Hall 1-102, In Person Term Based; Alex Wilson, Ximin (Natalie) Huang, Julia Van Etten, Bruce Floberg ; 12 cr.
54031 005 LEC, 14:30-15:45 MWTTh, Hanson Hall 1-102, 13:00-14:15 MWTTh, Hanson Hall 1-102, In Person Term Based; Ximin (Natalie) Huang, Alex Wilson, Lisa Kline, Nicholas Olson ; 12 cr.**1001 Introduction to Analyzing Business Problems using Excel**

(A-F only;)

67754 001 LEC, 8:00-8:50 MW, Carlson School of Mgmt L-122, In Person Term Based; Betsy Schneider ; 1 cr.
67755 002 LEC, 9:05-9:55 MW, Carlson School of Mgmt L-122, In Person Term Based; Betsy Schneider ; 1 cr.
67756 003 LEC, 12:20-13:10 TTh, Carlson School of Mgmt 1-142, In Person Term Based; Betsy Schneider ; 1 cr.
67757 004 LEC, 10:10-11:00 MW, Carlson School of Mgmt 2-224, In Person Term Based; Betsy Schneider ; 1 cr.

67758 005 LEC, 11:15-12:05 MW, Carlson School of Mgmt 2-233, In Person Term Based; Betsy Schneider ; 1 cr.
 67759 006 LEC, 13:25-14:15 TTh, Carlson School of Mgmt L-126, In Person Term Based; Betsy Schneider ; 1 cr.
 67760 007 LEC, 12:20-13:10 TTh, Carlson School of Mgmt 1-149, In Person Term Based; Betsy Schneider ; 1 cr.

3000 Career Skills

(S-N only; Prereq: CSOM [soph or upper div] major, MACC, MBT)

53808 001 LEC, 13:45-15:00 M, Carlson School of Mgmt L-122, In Person Term Based; Lisa Novack ; 1 cr.
 53809 002 LEC, 11:50-13:05 M, Carlson School of Mgmt L-122, In Person Term Based; Tara Dillon ; 1 cr.
 54099 003 LEC, 16:00-17:15 M, Carlson School of Mgmt L-122, In Person Term Based; Jennifer Fuhrman ; 1 cr.
 54100 004 LEC, 9:55-11:10 T, Carlson School of Mgmt 2-224, In Person Term Based; Chad Ellsworth, Renee Crume ; 1 cr.
 54101 005 LEC, 13:45-15:00 W, Carlson School of Mgmt L-122, In Person Term Based; Xiaoji Zhang ; 1 cr.
 54102 006 LEC, 16:00-17:15 W, Carlson School of Mgmt L-122, In Person Term Based; Jennifer Fuhrman ; 1 cr.
 54103 007 LEC, 9:55-11:10 Th, Carlson School of Mgmt 2-224, In Person Term Based; Tara Dillon ; 1 cr.

3990H Honors Topics

(A-F only;)

69992 001 DIS, 15:45-17:25 W, Carlson School of Mgmt 1-149, In Person Term Based; Raj Singh ; 1-4 cr.

3998 Independent Study

(Student Option; Prereq: CSOM upper div, instr consent)

53784 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

3999 Internship Seminar

(S-N only; Prereq: Approved internship, instr consent)
 53795 001 IND, 00:00-00:00 , , In Person Term Based; Xiaoji Zhang ; 1 cr.

4501 Carlson Funds Enterprise: Growth

(A-F only; Prereq: concurrent registration is required (or allowed) in MBA 6501, CSOM [jr or sr], approved application)

69603 001 FWK, 8:00- 9:40 TTh, Room TBA, In Person Term Based; Aamir Khan ; 3 cr.

4502 Carlson Funds Enterprise: Fixed Income

(A-F only; Prereq: concurrent registration is required (or allowed) in MBA 6501, CSOM [jr or sr], approved application)

69604 001 FWK, 8:00- 9:40 MW, Carlson School of Mgmt 1-136, In Person Term Based; Rick Nelson ; 3 cr.

4503 Carlson Ventures Enterprise

(Student Option No Audit; Prereq: concurrent registration is required (or allowed) in MBA 6503, CSOM [jr or sr], approved application)

70174 001 FWK, 8:00- 8:50 TTh, Carlson School of Mgmt 1-136, In Person Term Based; Tobin Nord ; 2-3 cr.
 70175 002 FWK, 8:00- 9:40 TTh, Carlson School of Mgmt 1-127, In Person Term Based; Tobin Nord ; 2-3 cr.

4504 Carlson Consulting Enterprise

(Student Option No Audit; Prereq: concurrent registration is required (or allowed) in MBA 6504, CSOM [jr or sr], approved application)

53924 001 FWK, 8:00- 9:40 TTh, Room TBA, In Person Term Based; Severin St Martin ; 3 cr.

4505 Brand Enterprise

(Student Option No Audit; Prereq: concurrent registration is required (or allowed) in MBA 6505, CSOM [jr or sr], approved application)

53884 001 FWK, 8:00- 9:40 TTh, Room TBA, In Person Term Based; David Hopkins ; 3 cr.

4994H Directed Research

(A-F only; Prereq: Honors)

53951 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

53801 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for

1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

53802 001 IND, In Person Term Based; 1-6 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

53806 001 IND, In Person Term Based; 1-24 cr.

Business Law (BLAW)

3058 The Law of Contracts and Agency

(A-F or Audit;)

53772 001 DIS, 8:00- 9:40 MW, Hanson Hall 1-103, In Person Term Based; Jack Kramer ; 4 cr.
 53773 002 DIS, 10:10-11:50 MW, Hanson Hall 1-103, In Person Term Based; Jack Kramer ; 4 cr.

6158 The study of laws affecting private business and publicly-traded companies.

(A-F only; Prereq: MBA student)

65703 060 LEC, 17:45-21:05 T, Hanson Hall 1-108, In Person Term Based; Jack Kramer ; 2 cr.

Carlson Executive MBA (CMBA)

Carlson School of Management (CSOM)

8101 Methods and Topics in Applied

Economics

(Student Option;)

54070 001 LEC, 13:30-16:30 T, Carlson School of Mgmt 1-122, In Person Term Based; Joel Waldfoegel ; 2-4 cr.

Chemical Engineering (CHEN)

3006 Mass Transport and Separation

Processes

(A-F only; Prereq: [2001 or 4001], [3005 or 4005], [3101 or 4101], [upper div ChEn major or dept consent], C- or better in all pre-reqs)

56386 001 LEC, 11:15-12:05 MWF, Amundson Hall B75, In Person Term Based; Joseph Zasadzinski ; 4 cr.
 56387 002 DIS, 9:05- 9:55 TTh, Vincent Hall 113, In Person Term Based; Joseph Zasadzinski ; 4 cr.
 56388 004 DIS, 12:20-13:10 TTh, Amundson Hall 120, In Person Term Based; Joseph Zasadzinski ; 4 cr.
 56389 005 DIS, 14:30-15:20 TTh, Amundson Hall 162, In Person Term Based; Joseph Zasadzinski ; 4 cr.
 57060 006 DIS, 8:00- 8:50 TTh, Amundson Hall 124, In Person Term Based; Joseph Zasadzinski ; 4 cr.
 57061 007 DIS, 15:35-16:25 TTh, Amundson Hall 116, In Person Term Based; Joseph Zasadzinski ; 4 cr.

3102 Reaction Kinetics and Reactor Engineering

(A-F only; Prereq: [2001 or 4001], [3101 or 4101], [upper div ChEn major or dept consent], C- or better in all pre-reqs)

55472 001 LEC, 9:05- 9:55 MWF, Amundson Hall B75, In Person Term Based; Christopher Ellison ; 4 cr.
 55473 004 DIS, 10:10-11:00 TTh, Amundson Hall 120, In Person Term Based; Christopher Ellison ; 4 cr.
 55474 005 DIS, 11:15-12:05 TTh, Amundson Hall 120, In Person Term Based; Christopher Ellison ; 4 cr.
 55917 008 DIS, 15:35-16:25 TTh, Amundson Hall 158, In Person Term Based; Christopher Ellison ; 4 cr.
 56381 009 DIS, 16:40-17:30 TTh, Amundson Hall 158, In Person Term Based; Christopher Ellison ; 4 cr.
 57062 002 DIS, 8:00- 8:50 TTh, Amundson Hall 120, In Person Term Based; Michael Tspatsis, Christopher Ellison ; 4 cr.

3201 Numerical methods in ChEn applications

(A-F only; Prereq: [2001 or 4001], [3005 or 4005], [3006 or 4006 or concurrent registration is required (or allowed) in 3006 or concurrent registration is required (or allowed) in 4006], [upper div ChEn major or dept consent], C- or better in all pre-reqs)

56382 001 LEC, 10:10-11:00 MWF, Amundson Hall B75, In Person Term Based; Matthew Neurock ; 3 cr.

56383 004 DIS, 10:10-11:00 T, Amundson Hall 124, In Person Term Based; Matthew Neurock ; 3 cr.
 56384 005 DIS, 11:15-12:05 T, Amundson Hall 124, In Person Term Based; Matthew Neurock ; 3 cr.
 56385 006 DIS, 12:20-13:10 T, Amundson Hall 162, In Person Term Based; Matthew Neurock ; 3 cr.
 56446 007 DIS, 15:35-16:25 T, Amundson Hall 162, In Person Term Based; Matthew Neurock ; 3 cr.
 57063 003 DIS, 9:05- 9:55 T, Amundson Hall 158, In Person Term Based; Matthew Neurock ; 3 cr.

3401W Junior Chemical Engineering Lab

(A-F only; Prereq: Writ 1301 or eq., Chem 2121, 2311, ChEn 2001, 3005, 3101, and [pre-req or concurrent registration in 3201, 3102 3006]; upper div ChEn major (C- in all prerequisites)W)

56958 001 LEC, 8:00- 8:50 MWF, Amundson Hall B75, In Person Term Based; Paul Dauenhauer ; 2 cr.
 56959 002 LAB, 13:25-17:25 MF, Lab TBA, In Person Term Based; Paul Dauenhauer ; 2 cr.
 56960 004 LAB, 13:25-17:25 TTh, Lab TBA, In Person Term Based; Paul Dauenhauer ; 2 cr.
 56961 005 LAB, 13:25-17:25 WM, Lab TBA, In Person Term Based; Paul Dauenhauer ; 2 cr.
 56962 006 LAB, 8:00-12:00 ThT, Lab TBA, In Person Term Based; Paul Dauenhauer ; 2 cr.
 56963 007 LAB, 13:25-17:25 ThT, Lab TBA, In Person Term Based; Paul Dauenhauer ; 2 cr.
 56964 008 LAB, 13:25-17:25 FW, Lab TBA, In Person Term Based; Paul Dauenhauer ; 2 cr.
 56965 003 LAB, 8:00-12:00 TTh, Lab TBA, In Person Term Based; Paul Dauenhauer ; 2 cr.
 57039 009 LAB, 13:25-17:25 MF, Lab TBA, In Person Term Based; Paul Dauenhauer ; 2 cr.
 57040 011 LAB, 13:25-17:25 TTh, Lab TBA, In Person Term Based; Paul Dauenhauer ; 2 cr.
 57041 012 LAB, 13:25-17:25 WM, Lab TBA, In Person Term Based; Paul Dauenhauer ; 2 cr.
 57043 014 LAB, 13:25-17:25 ThT, Lab TBA, In Person Term Based; Paul Dauenhauer ; 2 cr.
 57044 015 LAB, 13:25-17:25 FW, Lab TBA, In Person Term Based; Paul Dauenhauer ; 2 cr.
 57045 010 LAB, 8:00-12:00 TTh, Lab TBA, In Person Term Based; Paul Dauenhauer ; 2 cr.

4214 Polymers

(A-F or Audit; Prereq: [[MATS 3011, [3101 or MATS 3001], [upper div MatS or ChEn]] or instr consent)
 56845 001 LEC, 11:15-12:05 MWF, Bruininks Hall 230, In Person Term Based; Meets With: 001 MATS 4214001 CHEM 4214; Xiang Cheng ; 3 cr.

4223W Polymer Laboratory

(Student Option; W)

56906 001 LEC, 8:00- 8:50 W, Smith Hall 231, In Person Term Based; Meets With: 001 CHEM 4223W001 MATS 4223W; Theresa Reineke ; 2 cr.
 56907 002 LAB, 8:00-11:50 Th, Smith Hall 249A, In Person Term Based; Meets With: 002 CHEM 4223W002 MATS 4223W; Theresa Reineke ; 2 cr.
 56908 003 LAB, 8:00-11:50 T, Smith Hall 249A, In Person Term Based; Meets With: 003 CHEM 4223W003 MATS 4223W; Theresa Reineke ; 2 cr.

4502W Chemical Engineering Design II

(A-F or Audit; Prereq: 4401W, 4501W, [upper div ChEn major or dept consent], [C- or better in all pre-reqs]W)

55515 001 LEC, 13:25-14:15 MWF, Molecular Cellular Biol 3-120, In Person Term Based; Kechun Zhang ; 2 cr.
 55516 002 DIS, 8:00- 8:50 TTh, Amundson Hall 104, In Person Term Based; Kechun Zhang ; 2 cr.
 55517 004 DIS, 10:10-11:00 TTh, Amundson Hall 162, In Person Term Based; Kechun Zhang ; 2 cr.
 55518 005 DIS, 9:05- 9:55 TTh, Amundson Hall 162, In Person Term Based; Kechun Zhang ; 2 cr.
 56528 003 DIS, 9:05- 9:55 TTh, Vincent Hall 301, In Person Term Based; Kechun Zhang ; 2 cr.
 56747 007 DIS, 15:35-16:25 TTh, Amundson Hall 104, In Person Term Based; Kechun Zhang ; 2 cr.
 56966 006 DIS, 14:30-15:20 TTh, Amundson Hall 104, In Person Term Based; Kechun Zhang ; 2 cr.

4593 Directed study

(Student Option No Audit; Prereq: ChEn major upper division, instr consent)

55745 001 IND, 00:00-00:00 , , In Person Term Based; Efiie Kokkoi ; 1-4 cr.

4594 Directed Research

(Student Option No Audit; Prereq: Upper div ChEn)

55746 001 IND, 00:00-00:00 , , In Person Term Based; Efiie Kokkoi ; 1-4 cr.

4702 Advanced Undergraduate Rheology

(A-F only; Prereq: [3005 or 4005], instr consent)

57724 001 LEC, 8:15- 9:30 TTh, Keller Hall 2-260, In Person Term Based; Meets With: 001 CHEN 8102; Xiang Cheng ; 2 cr.

4707 Advanced Undergraduate Statistical Thermodynamics and Kinetics

(A-F only; Prereq: ChEn 3005 or 4005, 3101 or 4101, CHEM 3501, CHEM 3502, ChEn major upper div)
57522 001 LEC, 9:05- 9:55 MWF, Amundson Hall 116, In Person Term Based; Meets With: 001 CHEN 8402; David Morse ; 3 cr.

4708 Advanced Undergraduate Chemical Rate Processes: Analysis of Chemical Reactors

(A-F only; Prereq: [3102 or 4102], ChEn major upper div)
57524 001 LEC, 11:15-12:05 MWF, Amundson Hall 116, In Person Term Based; Meets With: 001 CHEN 8501; Aditya Bhan ; 3 cr.

5531 Electrochemical Engineering and Renewable Energy

(A-F only; Prereq: [MATS 3011 or instr consent], [upper div CSE or grad student])
56947 001 LEC, 14:30-15:20 MWF, Amundson Hall 156, In Person Term Based; Meets With: 001 MATS 5531; William Smyrl ; 3 cr.

5753 Advanced Biomedical Transport Processes

(A-F or Audit; Prereq: 3005 or 4005 or equiv)
55894 001 LEC, 9:05- 9:55 MWF, Mechanical Engineering 102, In Person Term Based; Meets With: 001 BMEN 5311; Robert Tranquillo ; 3 cr.

8101 Fluid Mechanics I: Change, Deformation, Equations of Flow

(A-F or Audit; Prereq: Chemical engineering grad student or instr consent)
57046 001 LEC, 10:10-11:00 MWF, Amundson Hall 116, In Person Term Based; Satish Kumar ; 3 cr.

8102 Principles and Applications of Rheology

(A-F or Audit; Prereq: 8101)
57725 001 LEC, 8:15- 9:30 TTh, Keller Hall 2-260, In Person Term Based; Meets With: 001 CHEN 4702; Xiang Cheng ; 2 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
55638 001 IND, 00:00-00:00 , , In Person Term Based; Aditya Bhan ; 1 cr.

8402 Statistical Thermodynamics and Kinetics

(A-F or Audit; Prereq: Chemical engineering grad student or instr consent)
57521 001 LEC, 9:05- 9:55 MWF, Amundson Hall 116, In Person Term Based; Meets With: 001 CHEN 4707; David Morse ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
55655 001 IND, 00:00-00:00 , , In Person Term Based; Aditya Bhan ; 1 cr.

8501 Chemical Rate Processes: Analysis of Chemical Reactors

(A-F or Audit; Prereq: [Course in chemical reactor engineering, chemical engineering grad student] or instr consent)
57523 001 LEC, 11:15-12:05 MWF, Amundson Hall 116, In Person Term Based; Meets With: 001 CHEN 4708; Aditya Bhan ; 3 cr.

8555 Chemical Engineering Teaching Practicum

(S-N only; Prereq: Grad ChEn major and DGS permission)
57525 001 FWK, 00:00-00:00 , , In Person Term Based; Aditya Bhan ; 1-6 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined

cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
55671 001 IND, 00:00-00:00 , , In Person Term Based; Aditya Bhan ; 1-6 cr.

8754 Systems Analysis of Biological Processes

(Student Option; Prereq: Grad student in [life sciences or chemical/physical sciences or engineering]; ChEn students must take A/F)
57311 001 LEC, 14:30-15:45 TTh, Ford Hall 155, In Person Term Based; Wei-Shou Hu ; 3 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
55690 001 IND, 00:00-00:00 , , In Person Term Based; Aditya Bhan ; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
55712 001 IND, 00:00-00:00 , , In Person Term Based; Aditya Bhan ; 1-24 cr.

8901 Seminar

(S-N only;)
55495 001 LEC, 13:25-15:20 TTh, Amundson Hall B75, In Person Term Based; Aditya Bhan ; 1 cr.

8993 Directed Study

(Student Option;)
55519 001 LEC, 00:00-00:00 , , In Person Term Based; Aditya Bhan ; 1-12 cr.

8994 Directed Research

(Student Option;)
55520 001 LEC, 00:00-00:00 , , In Person Term Based; Aditya Bhan ; 1-12 cr.

Chemical Physics (CHPH)

8081 M.S. Plan B Project I

(A-F only; Prereq: Grad chem phys major)
56913 001 IND, Independent/Directed Study; 4 cr.

8082 M.S. Plan B Project II

(A-F only; Prereq: Grad chem phys major)
56914 001 IND, Independent/Directed Study; 4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
55639 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
55656 001 IND, In Person Term Based; 1 cr.

8601 Seminar: Modern Problems in

Chemical Physics
(S-N only; Prereq: Grad chem physics major or instr consent)
56915 001 LEC, 00:00-00:00 , , In Person Term Based; Aaron Massari ; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
55672 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
55691 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
55676 001 IND, In Person Term Based; 1-24 cr.

Chemistry (CHEM)

1015 Introductory Chemistry: Lecture

(Student Option; Prereq: [High school chemistry or equiv], two yrs high school math, not passed chem placement exam, high school physics recommended; Students who will go on to take CHEM 1061/1065 should take CHEM 1015 only. Students who will NOT be continuing on to CHEM 1061/1065 and need to fulfill the Physical Science/Lab core requirement need take the 1-credit lab course CHEM 1017 either concurrently or consecutively. This course will NOT fulfill the Physical Science/Lab core requirement unless the CHEM 1017 lab course is completed either concurrently or consecutively. PHYS)
56496 001 LEC, Partially Online; Emily Pelton ; 3 cr.

1017 Introductory Chemistry: Laboratory

(A-F only; Prereq: [1015 or concurrent registration is required (or allowed) in 1015], dept consent; credit will not be granted if credit received for: 1011; CHEM 1017 is a 1-credit lab-only course. This course is not intended for students who are planning to take CHEM 1061/1065. Intended only for students who need the course to fulfill the Physical Science/Lab requirement, and are taking CHEM 1015 either concurrently or consecutively. This course will NOT fulfill the Physical Science/Lab core requirement, unless CHEM 1015 is completed either concurrently or consecutively.; meets Lib Ed req of Physical Sciences)PHYS)
56497 001 LAB, 14:30-17:20 T, Smith Hall 249, In Person Term Based; Michelle Driessen ; 1 cr.
56498 002 LAB, 14:30-17:20 W, Smith Hall 249, In Person Term Based; Michelle Driessen ; 1 cr.
56499 003 LAB, 8:00-10:50 Th, Smith Hall 249, In Person Term Based; Michelle Driessen ; 1 cr.

1061 Chemical Principles I

(Student Option; Prereq: Grade of at least C- in [1011 or 1015] or [passing placement exam, concurrent registration is required (or allowed) in 1065]; intended for science or engineering majors; concurrent registration is required (or allowed) in 1065; registration for 1065 must precede registration for 1061 PHYS)
57174 001 LEC, 8:00- 8:50 MWF, Smith Hall 100, 10:00-11:00 Sa, Room TBA, 10:00-11:00 Sa, Room TBA, 10:00-11:00 Sa, Room TBA, In Person Term Based; Debra Salmon ; 3 cr.
57175 002 LEC, 12:20-13:10 MWF, Smith Hall 100, 10:00-11:00 Sa, Room TBA, 10:00-11:00 Sa, Room TBA, 10:00-11:00 Sa, Room TBA, In Person Term Based; Kenneth Leopold ; 3 cr.
57176 003 LEC, 14:30-15:20 MWF, Smith Hall 100, 10:00-11:00 Sa, Room TBA, 10:00-11:00 Sa, Room TBA, 10:00-11:00 Sa, Room TBA, In Person Term Based; Lauren Mitchell ; 3 cr.
57503 004 LEC, 9:45-11:00 TTh, Smith Hall 100, 10:00-11:00 Sa, Room TBA, 10:00-11:00 Sa, Room TBA, 10:00-11:00 Sa, Room TBA, In Person Term Based; Debra Salmon ; 3 cr.

1062 Chemical Principles II

(Student Option; Prereq: Grade of at least C- in 1061 or equiv, concurrent registration is required (or allowed) in 1066; registration for 1066 must precede registration for 1062PHYS)
57140 001 LEC, 13:25-14:15 MWF, Smith Hall 100, In Person Term Based; Doreen Leopold ; 3 cr.
57142 002 LEC, 9:45-11:00 T, Bruininks Hall 114, Partially Online; Michelle Driessen ; 3 cr.
57265 003 LEC, 9:45-11:00 Th, Bruininks Hall 114, Partially Online; Michelle Driessen ; 3 cr.
57316 004 LEC, Completely Online; Michelle Driessen ; 3 cr.

1065 Chemical Principles I Laboratory

(A-F only; Prereq: concurrent registration is required (or allowed) in 1061PHYS)
57144 002 LAB, 11:15-14:05 M, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
57145 003 LAB, 14:30-17:20 M, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
57146 004 LAB, 8:00-10:50 T, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
57147 005 LAB, 11:15-14:05 T, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
57148 006 LAB, 14:30-17:20 T, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
57149 007 LAB, 8:00-10:50 W, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
57150 008 LAB, 11:15-14:05 W, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
57151 009 LAB, 14:30-17:20 W, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
57152 010 LAB, 8:00-10:50 Th, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
57153 011 LAB, 11:15-14:05 Th, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.

69163 012 LAB, 14:30-17:20 Th, Smith Hall 110, In Person
Term Based; Michelle Driessen ; 1 cr.

1066 Chemical Principles II Laboratory (A-F only; Prereq: concurrent registration is required (or allowed) in 1062PHYS)

57155 002 LAB, 11:15-14:05 M, Smith Hall 210, In Person
Term Based; Michelle Driessen ; 1 cr.
57156 003 LAB, 14:30-17:20 M, Smith Hall 210, In Person
Term Based; Michelle Driessen ; 1 cr.
57157 004 LAB, 8:00-10:50 T, Smith Hall 210, In Person
Term Based; Michelle Driessen ; 1 cr.
57158 005 LAB, 11:15-14:05 T, Smith Hall 210, In Person
Term Based; Michelle Driessen ; 1 cr.
57159 006 LAB, 14:30-17:20 T, Smith Hall 210, In Person
Term Based; Michelle Driessen ; 1 cr.
57160 007 LAB, 8:00-10:50 W, Smith Hall 210, In Person
Term Based; Michelle Driessen ; 1 cr.
57161 008 LAB, 11:15-14:05 W, Smith Hall 210, In Person
Term Based; Michelle Driessen ; 1 cr.
57162 009 LAB, 14:30-17:20 W, Smith Hall 210, In Person
Term Based; Michelle Driessen ; 1 cr.
57163 010 LAB, 8:00-10:50 Th, Smith Hall 210, In Person
Term Based; Michelle Driessen ; 1 cr.
57164 011 LAB, 11:15-14:05 Th, Smith Hall 210, In Person
Term Based; Michelle Driessen ; 1 cr.
57165 012 LAB, 14:30-17:20 Th, Smith Hall 210, In Person
Term Based; Michelle Driessen ; 1 cr.
69536 016 LAB, 18:00-20:50 Th, Smith Hall 210, In Person
Term Based; Michelle Driessen ; 1 cr.

1072H Honors Chemistry II

(A-F only; Prereq: 1071H, concurrent registration
is required (or allowed) in 1076H, honors student,
registration for 1076H must precede registration for
1072HPHY5)

57169 001 LEC, 9:05- 9:55 MWF, Smith Hall 231, In Person
Term Based; Andreas Stein ; 3 cr.

1076H Honors Chemistry II Laboratory

(A-F only; Prereq: concurrent registration is required
(or allowed) in 1072HPHY5)

57170 001 LAB, 13:25-16:10 M, Smith Hall 249A, In Person
Term Based; Michelle Driessen ; 1 cr.
57171 002 LAB, 13:25-16:10 T, Smith Hall 249A, In Person
Term Based; Michelle Driessen ; 1 cr.
57172 003 LAB, 13:25-16:10 W, Smith Hall 249A, In Person
Term Based; Michelle Driessen ; 1 cr.
57173 004 LAB, 13:25-16:10 Th, Smith Hall 249A, In Person
Term Based; Michelle Driessen ; 1 cr.

1082 Chemistry for the Life Sciences II

(Student Option; Prereq: grade of a C- or better in
CHEM 1081 (lecture) and CHEM 1065 (lab).)

57673 001 LEC, 11:15-12:30 TTh, Smith Hall 100,
16:40-17:40 M, Room TBA, 16:40-17:40 M, Room TBA,
16:40-17:40 M, Room TBA, In Person Term Based; Angela
Perkins ; 3 cr.
67389 002 LEC, 14:30-15:45 TTh, Smith Hall 100,
16:40-17:40 M, Room TBA, 16:40-17:40 M, Room TBA,
16:40-17:40 M, Room TBA, In Person Term Based; Emily
Pelton ; 3 cr.

1086 Chemistry for the Life Sciences II Laboratory

(Student Option; Prereq: grade of a C- or better in
CHEM 1081 (lecture) and CHEM 1065 (lab). Concurrent
registration in CHEM 1082 is required.)

57674 001 LAB, 13:00-16:00 M, Kolthoff Hall 583, In Person
Term Based; Angela Perkins ; 1 cr.
57675 002 LAB, 8:00-11:00 T, Kolthoff Hall 583, In Person
Term Based; Angela Perkins ; 1 cr.
57676 003 LAB, 11:15-14:15 T, Kolthoff Hall 583, In Person
Term Based; Angela Perkins ; 1 cr.
57677 004 LAB, 14:30-17:30 Th, Kolthoff Hall 583, In Person
Term Based; Angela Perkins ; 1 cr.
57833 005 LAB, 18:00-21:00 T, Kolthoff Hall 583, In Person
Term Based; Angela Perkins ; 1 cr.
57834 006 LAB, 13:00-16:00 W, Kolthoff Hall 583, In Person
Term Based; Angela Perkins ; 1 cr.
57835 007 LAB, 8:00-11:00 Th, Kolthoff Hall 583, In Person
Term Based; Angela Perkins ; 1 cr.
57836 008 LAB, 11:15-14:15 Th, Kolthoff Hall 583, In Person
Term Based; Angela Perkins ; 1 cr.
57837 009 LAB, 14:30-17:30 Th, Kolthoff Hall 583, In Person
Term Based; Angela Perkins ; 1 cr.
57838 010 LAB, 18:00-21:00 Th, Kolthoff Hall 583, In Person
Term Based; Angela Perkins ; 1 cr.

1903 Chemistry in the Kitchen

(Student Option;)

68055 001 LEC, 13:25-16:10 Th, Civil Engineering Bldg 214,
In Person Term Based; Renee Frontiera ; 3 cr.

1904 My Other Car is a Bicycle

(Student Option No Audit;)

69973 001 LEC, 13:25-16:10 W, Ford Hall 150, In Person
Term Based; Lee Penn ; 3 cr.

1911W Quantum Mechanics and Popular Philosophy

(Student Option; WI)

68053 001 LEC, 15:35-17:15 W, Appleby Hall 204, In Person
Term Based; Doreen Leopold ; 2 cr.

1912 Quantum Mechanics and Theology (Student Option;)

68054 001 LEC, 14:30-17:00 Th, Smith Hall 111, In Person
Term Based; Doreen Leopold ; 3 cr.

2094 Directed Research

(Student Option; Prereq: instr consent)

55466 001 IND, 00:00-00:00 , , In Person Term Based;
Stephanie Stathopoulos ; 1-3 cr.

2121 Process Analytical Chemistry

(A-F or Audit; Prereq: [2302 or concurrent registration
is required (or allowed) in 2302], [4501 or concurrent
registration is required (or allowed) in 4501], CSE
student)

55204 001 LEC, 12:20-13:10 MWF, Bruininks Hall 230, In
Person Term Based; Kyle Bantz ; 3 cr.
55205 002 LAB, 8:00-11:50 T, Smith Hall 310, In Person
Term Based; 3 cr.
55206 004 LAB, 13:25-17:15 T, Smith Hall 310, In Person
Term Based; 3 cr.
55207 006 LAB, 13:25-17:15 Th, Smith Hall 310, In Person
Term Based; 3 cr.
55969 008 LAB, 8:00-11:50 Th, Smith Hall 310, In Person
Term Based; 3 cr.
56909 003 LAB, 8:00-11:50 T, Smith Hall 310, In Person
Term Based; 3 cr.
56910 005 LAB, 13:25-17:15 T, Smith Hall 310, In Person
Term Based; 3 cr.
56911 007 LAB, 13:25-17:15 Th, Smith Hall 310, In Person
Term Based; 3 cr.

2301 Organic Chemistry I

(Student Option; Prereq: C- or better in 1062/1066 or
1072H/1076H)

55188 001 LEC, 9:05- 9:55 MWF, Bruininks Hall 220, In
Person Term Based; Debra Salmon ; 3 cr.
55189 002 LEC, 10:10-11:00 MWF, Bruininks Hall 220, In
Person Term Based; James Poole ; 3 cr.
56578 003 LEC, 13:25-14:15 MWF, Bruininks Hall 220, In
Person Term Based; James Poole ; 3 cr.

2302 Organic Chemistry II

(Student Option; Prereq: Grade of at least C- in 2301)

55190 001 LEC, 9:05- 9:55 MWF, Smith Hall 100, In Person
Term Based; Christopher Douglas ; 3 cr.
55191 002 LEC, 10:10-11:00 MWF, Smith Hall 100, In
Person Term Based; William Pomerantz ; 3 cr.
57289 003 LEC, 18:00-21:00 W, Smith Hall 100, In Person
Term Based; Steven Kass ; 3 cr.

2311 Organic Lab

(Student Option; Prereq: Grade of at least C- in [2302,
2304] or [concurrent registration is required (or
allowed) in 2302, concurrent registration is required (or
allowed) in 2304])

55197 001 LEC, 11:15-12:05 T, Bruininks Hall 230, In Person
Term Based; Jane Wissinger ; 4 cr.
55198 002 LEC, 12:20-13:10 T, Bruininks Hall 230, In Person
Term Based; Jane Wissinger ; 4 cr.
55199 003 LEC, 16:55-17:45 T, Bruininks Hall 230, In Person
Term Based; Jane Wissinger ; 4 cr.
55200 004 LAB, 8:00-11:50 MW, Smith Hall 349, In Person
Term Based; 4 cr.
55201 005 LAB, 8:00-11:50 TTh, Smith Hall 349, In Person
Term Based; 4 cr.
55202 007 LAB, 12:20-16:10 TTh, Smith Hall 349, In Person
Term Based; 4 cr.
56579 008 LAB, 18:00-21:50 TTh, Smith Hall 349, In Person
Term Based; 4 cr.
56994 006 LAB, 12:20-16:10 MW, Smith Hall 349, In Person
Term Based; 4 cr.

2332H Honors Elementary Organic Chemistry II

(A-F only; Prereq: At least C- in 2331H, UHP student)

57178 001 LEC, 9:05- 9:55 MWF, Smith Hall 331, In Person
Term Based; Joseph Topczewski ; 3 cr.

2920 Special Topics in Chemistry

(S-N or Audit; Prereq: 1 sem 1xxx chemistry or instr
consent)

70058 001 LEC, 12:20-13:10 Th, Smith Hall 331, In Person
Term Based; Stephanie Stathopoulos ; 1 cr.

4021 Computational Chemistry

(Student Option; Prereq: [4502 or equiv], instr consent)

55289 001 LEC, 9:05- 9:55 MWF, Smith Hall 121, In Person
Term Based; Meets With: 001 CHEM 8021; Jiali Gao ; 3 cr.

4066 Chemistry of Industry

(Student Option; Prereq: Chem sr or grad student or
instr consent)

56509 001 LEC, 16:00-17:15 TTh, Smith Hall 331, In Person
Term Based; Timothy Kapsner, David Whitcomb, James
Nelson ; 3 cr.

4094V Directed Research

(Student Option; WI)

56980 001 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.

4094W Directed Research

(Student Option; Prereq: Any 3xxx or 4xxx chem
course, instr consentWI)

55467 001 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.

4101 Modern Instrumental Methods of Chemical Analysis

(A-F or Audit; Prereq: 2101, 2111)

57817 001 LEC, 9:05- 9:55 MWF, Ford Hall 150, In Person
Term Based; Michael Bowser ; 3 cr.

4111W Modern Instrumental Methods of Chemical Analysis Lab

(A-F or Audit; Prereq: 4101 or concurrent registration
is required (or allowed) WI)

55208 001 LEC, 11:15-12:05 T, Amundson Hall 162, In
Person Term Based; Edgar Arriaga ; 2 cr.
55209 004 LAB, 12:20-16:10 Th, Smith Hall 310, In Person
Term Based; 2 cr.
69663 002 LAB, 12:20-16:10 T, Smith Hall 310, In Person
Term Based; 2 cr.
70080 005 LAB, 12:20-16:10 W, Smith Hall 310, In Person
Term Based; 2 cr.

4223W Polymer Laboratory

(Student Option; Prereq: 4221 or 4214 or CHEN 4214 or
MATS 4214 or instr consentWI)

55290 002 LAB, 8:00-11:50 Th, Smith Hall 249A, In Person
Term Based; Meets With: 002 MATS 4223W002 CHEN
4223W; Theresa Reineke ; 2 cr.
55291 003 LAB, 8:00-11:50 T, Smith Hall 249A, In Person
Term Based; Meets With: 003 MATS 4223W003 CHEN
4223W; Theresa Reineke ; 2 cr.
55584 001 LEC, 8:00- 8:50 W, Smith Hall 231, In Person
Term Based; Meets With: 001 MATS 4223W001 CHEN
4223W; Theresa Reineke ; 2 cr.

4311W Advanced Organic Chemistry Lab

(Student Option; Prereq: 2311WI)

55210 001 LEC, 12:20-13:10 T, Smith Hall 331, In Person
Term Based; George Barany ; 4 cr.
55936 002 LAB, 12:20-17:20 MW, Kolthoff Hall 593, In
Person Term Based; 4 cr.
56718 003 LAB, 12:20-17:20 Th, Kolthoff Hall 594,
13:25-18:25 T, Kolthoff Hall 594, In Person Term Based;
4 cr.

4322 Advanced Organic Chemistry

(Student Option; Prereq: [2302 or equiv], 4501, instr
consent)

55293 001 LEC, 11:15-12:05 MWF, Smith Hall 331, In
Person Term Based; Meets With: 001 CHEM 8322;
Thomas Hoye ; 3 cr.

4352 Physical Organic Chemistry

(Student Option; Prereq: 4501, [4011 or 8011])

55295 001 LEC, 10:10-11:00 MWF, Smith Hall 121, In
Person Term Based; Meets With: 001 CHEM 8352;
Christopher Douglas ; 3 cr.

4412 Chemical Biology of Enzymes

(Student Option; Prereq: [2302 or equiv], 4501)

56936 001 LEC, 11:15-12:30 MW, Smith Hall 121, In
Person Term Based; Meets With: 001 CHEM 8412; Mark
Distefano ; 3 cr.

4423W Foundations of Chemical Biology Laboratory

(Student Option; Prereq: [2302 or 2304], 2311, 2111WI)

57483 001 LEC, 16:00-17:15 W, Tate Hall 110, In Person
Term Based; Erin Carlson ; 2 cr.
57484 002 LAB, 8:00-11:50 T, Kolthoff Hall 494, In Person
Term Based; 2 cr.
57485 003 LAB, 12:20-16:10 T, Kolthoff Hall 494, In Person
Term Based; 2 cr.

57486 004 LAB, 8:00-11:50 Th, Kolthoff Hall 494, In Person Term Based; 2 cr.
69857 005 LAB, 12:20-16:10 Th, Kolthoff Hall 494, In Person Term Based; 2 cr.

4501 Introduction to Thermodynamics, Kinetics, and Statistical Mechanics

(A-F or Audit; Prereq: [1062/1066 or 1071H/1075H], [MATH 2263 or concurrent registration is required (or allowed) in MATH 2263 or MATH 2374 or concurrent registration is required (or allowed) in MATH 2374], [PHYS 1302 or PHYS 1402V or PHYS 1502V])
56577 001 LEC, 11:15-12:05 MWF, Bruininks Hall 220, In Person Term Based; Jiali Gao ; 3 cr.

4502 Introduction to Quantum Mechanics and Spectroscopy

(A-F or Audit; Prereq: [1062/1066 or 1072H/1076H], [MATH 2263 or concurrent registration is required (or allowed) in MATH 2263 or MATH 2374 or concurrent registration is required (or allowed) in MATH 2374 or MATH 2243 or concurrent registration is required (or allowed) in MATH 2243 or MATH 2373 or concurrent registration is required (or allowed) in MATH 2373], [PHYS 1302 or PHYS 1402V or PHYS 1502V])
55560 001 LEC, 10:10-11:00 MWF, Bruininks Hall 230, In Person Term Based; James Johns ; 3 cr.
67545 002 LEC, 9:05-9:55 MWF, Akerman Hall 225, In Person Term Based; Jason Goodpaster ; 3 cr.

4601 Green Chemistry

(Student Option; Prereq: [2302, 4501] or equivENV)
57031 001 LEC, 14:30-15:45 MW, Bruininks Hall 432B, In Person Term Based; Jane Wissinger ; 3 cr.

4701 Inorganic Chemistry

(Student Option; Prereq: [2311 or concurrent registration is required (or allowed) in 2311], [4501 or concurrent registration is required (or allowed) in 4501 or 4502 or concurrent registration is required (or allowed) in 4502])
56944 001 LEC, 12:20-13:10 MWF, Smith Hall 331, In Person Term Based; Valerie Pierre ; 3 cr.

4711W Advanced Inorganic Chemistry Lab

(A-F or Audit; Prereq: 4701, chem majorWI)
55211 001 LEC, 11:15-12:05 TTh, Smith Hall 331, In Person Term Based; Ian Tonks ; 3 cr.
55559 002 LAB, 12:20-16:10 TTh, Kolthoff Hall 491, In Person Term Based; 3 cr.
57376 003 LAB, 12:20-16:10 MW, Kolthoff Hall 491, In Person Term Based; 3 cr.

4725 Organometallic Chemistry

(Student Option; Prereq: 4701 or equiv, chem major or instr consent)
67487 001 LEC, 14:30-16:25 TTh, Smith Hall 121, In Person Term Based; Meets With: 001 CHEM 8725; John Ellis ; 3 cr.

4735 Bioinorganic Chemistry

(Student Option; Prereq: 4701 or equiv, chem grad or instr consent)
67488 001 LEC, 11:15-13:15 TTh, Smith Hall 121, In Person Term Based; Meets With: 001 CHEM 8735; Lawrence Que ; 3 cr.

4894H Senior Honors Thesis

(A-F only; Prereq: Honors student, instr consent)
57684 001 IND, In Person Term Based; 1-3 cr.

5210 Materials Characterization

(Student Option; Prereq: grad student or instr consent)
55561 001 LEC, 13:25-15:20 MW, Bruininks Hall 131B, In Person Term Based; Aaron Massari ; 4 cr.

5755 X-Ray Crystallography

(A-F or Audit; Prereq: Chem grad student or instr consent)
55562 001 LEC, 12:20-13:10 MWF, Smith Hall 111, In Person Term Based; Victor Young ; 4 cr.

8021 Computational Chemistry

(Student Option; Prereq: 4502 or equiv)
55288 001 LEC, 9:05-9:55 MWF, Smith Hall 121, In Person Term Based; Meets With: 001 CHEM 4021; Jiali Gao ; 4 cr.

8066 Professional Conduct of Chemical Research

(S-N or Audit; Prereq: Chem grad student)
56814 001 LEC, 16:40-18:00 W, Smith Hall 231, In Person Term Based; Peter Carr ; 1 cr.

8081 M.S. Plan B Project I

(A-F or Audit; Prereq: grad chem major)
55424 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8082 M.S. Plan B Project II

(A-F or Audit; Prereq: grad chem major)
55425 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8151 Analytical Separations and Chemical Equilibria

(Student Option; Prereq: instr consent)
68337 001 LEC, 11:15-12:05 MWF, Smith Hall 111, In Person Term Based; Peter Carr ; 4 cr.

8155 Advanced Electroanalytical Chemistry

(Student Option;)
67546 001 LEC, 10:10-11:00 MWF, Smith Hall 111, In Person Term Based; Phil Buhlmann ; 4 cr.

8211 Physical Polymer Chemistry

(Student Option; Prereq: Undergrad physical chem course)
56576 001 LEC, 14:30-15:45 TTh, Smith Hall 331, In Person Term Based; Meets With: 001 MATS 8211; Timothy Lodge ; 4 cr.

8322 Advanced Organic Chemistry

(Student Option; Prereq: 2302 or equiv)
55292 001 LEC, 11:15-12:05 MWF, Smith Hall 331, In Person Term Based; Meets With: 001 CHEM 4322; Thomas Hoye ; 4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
55637 001 IND, In Person Term Based; 1 cr.

8352 Physical Organic Chemistry

(Student Option; Prereq: 4011 or 8011)
55294 001 LEC, 10:10-11:00 MWF, Smith Hall 121, In Person Term Based; Meets With: 001 CHEM 4352; Christopher Douglas ; 4 cr.

8412 Chemical Biology of Enzymes

(Student Option; Prereq: 2302 or equiv)
56937 001 LEC, 11:15-12:30 MW, Smith Hall 121, In Person Term Based; Meets With: 001 CHEM 4412; Mark Distefano ; 4 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
55654 001 IND, In Person Term Based; 1 cr.

8552 Quantum Mechanics II

(Student Option; Prereq: 8551)
55296 001 LEC, 14:30-15:50 MW, Smith Hall 121, In Person Term Based; Laura Gagliardi ; 4 cr.

8564 Laser Spectroscopy

(Student Option; Prereq: grad chem major or instr consent)
69710 001 LEC, 11:15-12:30 TTh, Smith Hall 111, In Person Term Based; Renee Frontiera ; 2 cr.

8565 Chemical Reaction Dynamics

(Student Option;)
57678 001 LEC, 11:15-12:30 MF, Kolthoff Hall 283, In Person Term Based; Donald Truhlar ; 2 cr.

8566 Spin Dynamics

(Student Option; Prerequisites are described in the CSE Bulletin. Briefly, they are: one year of college-level chemistry, one year of college-level physics, and one year of college-level calculus. All of the prerequisites should have been completed before enrollment in this course. Students who do not satisfy the course prerequisites, please contact the instructor.)
68335 001 LEC, 11:15-12:30 TTh, Smith Hall 111, In Person Term Based; Gianluigi Veglia ; 2 cr.

8601 Seminar: Modern Problems in Chemistry

(S-N or Audit; Prereq: grad chem major or instr consent)
55422 001 LEC, 9:45-11:00 TTh, Smith Hall 331, In Person Term Based; Joseph Topczewski ; 1 cr.

8602 Seminar Presentation: Modern Problems in Chemistry

(A-F or Audit; Prereq: grad chem major or instr consent)

55423 001 LEC, 15:35-18:00 MWF, Smith Hall 331, In Person Term Based; Joseph Topczewski ; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
55670 001 IND, In Person Term Based; 1-6 cr.

8725 Organometallic Chemistry

(Student Option; Prereq: 4701 or equiv, grad chem major or instr consent)
57379 001 LEC, 14:30-16:25 TTh, Smith Hall 121, In Person Term Based; Meets With: 001 CHEM 4725; John Ellis ; 4 cr.

8735 Bioinorganic Chemistry

(Student Option; Prereq: 4701 or equiv, grad chem major or instr consent)
68336 001 LEC, 11:15-13:15 TTh, Smith Hall 121, In Person Term Based; Meets With: 001 CHEM 4735; Lawrence Que ; 4 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
55689 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
55633 001 IND, In Person Term Based; 1-24 cr.

Chicano Studies (CHIC)

1102 Latinos in the United States: Culture and Citizenship

(Student Option; DSJ,HIS)
51416 001 LEC, 8:15-9:30 TTh, Nicholson Hall 35, In Person Term Based; Meets With: 001 CHIC 1102H; Karen Mary Davalos ; 3 cr.

1102H Honors: Latinos in the United States: Culture and Citizenship

(A-F only; DSJ,HIS)
51418 001 LEC, 8:15-9:30 TTh, Nicholson Hall 35, In Person Term Based; Meets With: 001 CHIC 1102; Karen Mary Davalos ; 3 cr.

1112 Introduction to Chicana/o Studies: Critical Paradigms

(Student Option; DSJ)
48785 001 LEC, 14:30-15:45 TTh, Nicholson Hall 345, In Person Term Based; Jorge Castrejon ; 3 cr.

1275 Service Learning in the Chicano/Latino Community

(A-F only; CIV)
50337 001 LEC, 16:00-18:30 M, Nicholson Hall 145, In Person Term Based; Meets With: 001 CHIC 3275; David Melendez ; 3 cr.

3221 Introduction to Chicana/o Cultural Studies: Barrio Culture and the Aesthetics of Everyday Life

(Student Option; AH,DSJ)
51563 001 LEC, 11:15-12:30 TTh, Nicholson Hall 120, In Person Term Based; Jimmy Patino ; 3 cr.

3223 Chicana/o and Latina/o Representation in Film

(Student Option; AH,DSJ)
50338 001 LEC, 16:00-18:30 M, Nicholson Hall 115, In Person Term Based; Alexandra Covarrubias ; 3 cr.

3275 Service Learning in the Chicano/Latino Community

(A-F only; CIV)
50292 001 LEC, 16:00-18:30 M, Nicholson Hall 145, In Person Term Based; Meets With: 001 CHIC 1275; David Melendez ; 3 cr.

3374 Migrant Farmworkers in the United States: Families, Work, and Advocacy

(Student Option; CIV)

51778 001 DIS, 16:00-18:30 Th, Folwell Hall 108, In Person Term Based; Meets With: 001 CHIC 5374; Jose Santillana; 4 cr.

3412 Comparative Indigenous Feminisms**(Student Option; GP)**

67454 001 LEC, 16:00-18:30 Th, Nicholson Hall 110, In Person Term Based; Meets With: 001 CHIC 5412001 AMIN 5412001 AMST 5412; Gabriela Spears-Rico; 3 cr.

3446 Chicana/o History II: WWII, El**Movimiento, and the New Millennium****(Student Option; DSJ,HIS)**

50339 001 LEC, 16:00-18:30 T, Kolthoff Hall 138, In Person Term Based; Jimmy Patino; 3 cr.

3507W Introduction to Chicana/o Literature**(Student Option; DSJ,WI,LITR)**

50436 001 LEC, 9:45-11:00 MW, Elliott Hall N647, In Person Term Based; Meets With: 001 ENGL 3507W; Alexandra Covarrubias; 3 cr.

50845 002 LEC, 13:00-14:15 MW, Scott Hall 4, In Person Term Based; Meets With: 002 ENGL 3507W; Alexandra Covarrubias; 3 cr.

3752 Chicanas and Chicanos in**Contemporary Society****(Student Option; DSJ)**

51564 001 LEC, 11:15-12:30 TTh, Nicholson Hall 335, In Person Term Based; Jorge Castrejon; 3 cr.

3771 Latino Social Power and Social**Movements in the U.S.****(Student Option;)**

51417 001 LEC, 13:00-14:15 TTh, Nicholson Hall 335, In Person Term Based; Jorge Castrejon; 3 cr.

3993 Directed Studies**(Student Option; Prereq: instr consent)**

51708 001 IND, In Person Term Based; 1-9 cr.
51777 002 IND, 00:00-00:00 , , In Person Term Based; Jimmy Patino; 1-9 cr.

4275 Theory in Action: Community**Engagement in a Social Justice****Framework****(Student Option; CIV)**

51780 001 LEC, 16:00-18:30 T, Burton Hall 120, In Person Term Based; Jessica Lopez Lyman; 3 cr.

4401 Chicana/Latina Cultural Studies**(Student Option; AH,DSJ)**

67179 001 LEC, 16:00-18:30 T, Lind Hall 325, In Person Term Based; Meets With: 001 GWSS 4401; Eden Torres; 3 cr.

5374 Migrant Farmworkers in the U.S.:**Families, Work, and Advocacy****(Student Option; CIV)**

51779 001 DIS, 16:00-18:30 Th, Folwell Hall 108, In Person Term Based; Meets With: 001 CHIC 3374; Jose Santillana; 4 cr.

5412 Comparative Indigenous Feminisms**(Student Option; GP)**

69730 001 LEC, 16:00-18:30 Th, Nicholson Hall 110, In Person Term Based; Meets With: 001 CHIC 3412001 AMIN 5412001 AMST 5412; Gabriela Spears-Rico; 3 cr.

5993 Directed Studies**(Student Option; Prereq: instr consent)**

48786 001 IND, 9:00-11:00 F, Pillsbury Hall 121, In Person Term Based; Lisa Sass Zaragoza; 1-3 cr.
50457 002 IND, 00:00-00:00 , , In Person Term Based; Jimmy Patino; 1-3 cr.

Child & Adolescent Psychiatry (CAPY)**7603 Clinical Child Psychiatry****(H-N only;)**

58386 001 LEC, 00:00-00:00 , , In Person Term Based; 4 cr.
58780 002 LEC, In Person Term Based; 4 cr.
58781 003 LEC, In Person Term Based; 4 cr.
58782 004 LEC, In Person Term Based; 4 cr.

Child Psychology (CPSY)**1334 Global Issues on Children and Youth in Society****(A-F or Audit; CIV)**

48604 001 LEC, 14:30-15:45 MW, Nicholson Hall 155, In Person Term Based; Ann Masten; 3 cr.

2301 Introduction to Child Psychology**(Student Option;)**

47231 001 LEC, 9:45-11:00 MW, Rapson Hall 100, In Person Term Based; Meets With: 001 CPSY 3301; Henriette Warren; 4 cr.

47232 002 DIS, 9:45-10:35 F, Peik Hall 375, In Person Term Based; Henriette Warren; 4 cr.

47233 003 DIS, 9:45-10:35 F, Peik Hall 225, In Person Term Based; Henriette Warren; 4 cr.

47514 004 DIS, 10:50-11:40 F, Peik Hall 375, In Person Term Based; Henriette Warren; 4 cr.

48362 008 LEC, 18:00-21:00 T, Peik Hall 28, In Person Term Based; Meets With: 003 CPSY 3301; Jyothi Ramakrishnan; 4 cr.

48363 009 LEC, 9:05-11:00 TTh, Hubert H. Humphrey School 35, In Person Term Based; Carrie Depasquale, Rachel Foster; 4 cr.

48364 010 LEC, 10:10-12:05 TTh, Appleby Hall 3, In Person Term Based; Elizabeth Sharer, Amanda Grenell; 4 cr.

48365 011 LEC, 10:10-12:05 TTh, Blegen Hall 425, In Person Term Based; Lauren Demers, Max Herzberg; 4 cr.

67228 012 LEC, 14:30-16:25 TTh, Peik Hall 335, In Person Term Based; Julie Vaisarova, Monica Correale; 4 cr.

67229 013 LEC, 12:20-14:15 MW, Pillsbury Hall 125B, In Person Term Based; Andrei Semenov, Annelise Pesch; 4 cr.

2310 Special Topics in Child Development**(A-F or Audit;)**

69738 001 LEC, 16:15-17:55 W, Folwell Hall 6, In Person Term Based; Michele Mazzocco; 1-4 cr.

3301 Introduction to Child Psychology for Social Sciences**(Student Option;)**

48319 001 LEC, 9:45-11:00 MW, Rapson Hall 100, In Person Term Based; Meets With: 001 CPSY 2301; Henriette Warren; 4 cr.

48320 002 DIS, 10:50-11:40 F, Peik Hall 225, In Person Term Based; Henriette Warren; 4 cr.

48366 003 LEC, 18:00-21:00 T, Peik Hall 28, In Person Term Based; Meets With: 008 CPSY 2301; Jyothi Ramakrishnan; 4 cr.

3308W Introduction to Research Methods in Child Psychology**(A-F or Audit; Prereq: CPSY 2301 and PSY 1001WI)**

47236 001 LEC, 9:45-11:25 MW, Peik Hall 155, In Person Term Based; Chryle Elieff; 4 cr.

3601 Introduction to Child Life Theory and Practice**(A-F or Audit; Prereq: any introductory course in CPSY, PSY, or FSOS)**

69655 001 DIS, 16:00-17:40 Th, Folwell Hall 106, Partially Online; Sarah Wiebler; 3 cr.

4303 Adolescent Psychology**(A-F or Audit; Prereq: PSY 1001 or equivalent)**

47186 001 LEC, 13:00-14:15 MW, Rapson Hall 31, In Person Term Based; Henriette Warren; 3 cr.

4310 Special Topics in Child Development**(Student Option; Prereq: 2301)**

69292 001 LEC, 16:00-17:15 MW, Folwell Hall 28, In Person Term Based; Canan Karatekin; 1-4 cr.

4313W Disabilities and Development**(Student Option; Prereq: Psy 1001WI)**

47234 001 LEC, 9:45-11:00 TTh, Rapson Hall 31, In Person Term Based; Brian Abery, Renata Ticha; 4 cr.

4329 Biological Foundations of**Development****(A-F or Audit; Prereq: 2301 or equiv)**

48034 001 LEC, 9:45-11:00 MW, Armory Building 116, In Person Term Based; Amanda Hodel; 3 cr.

4331 Social and Personality Development**(A-F or Audit; Prereq: CPSY 2301 or 3301 and PSY 1001)**

47187 001 LEC, 18:00-20:30 Th, Rapson Hall 31, In Person Term Based; Julianna Sapienza, Eric Thibodeau; 3 cr.

4343 Cognitive Development**(A-F or Audit; Prereq: CPSY 2301 or 3301 or equivalent)**

47237 001 LEC, 14:30-15:45 TTh, Nicholson Hall 35, In Person Term Based; Philip Zelazo; 3 cr.

4345 Language Development and Communication**(A-F or Audit; Prereq: 2301)**

47235 001 LEC, 11:15-12:30 MW, Nicholson Hall 35, In Person Term Based; Melissa Koenig; 3 cr.

4347W Senior Project**(A-F or Audit; Prereq: CPSY srWI)**

47508 001 LEC, 13:00-13:50 MW, Akerman Hall 209, In Person Term Based; Chryle Elieff; 2 cr.

4994 Directed Research in Child**Psychology****(Student Option; Prereq: 4 cr in CPSY, instr consent, dept consent)**

47317 001 IND, 00:00-00:00 , , In Person Term Based; Brian Abery; 1-4 cr.

47535 002 IND, 00:00-00:00 , , In Person Term Based; Andrew Barnes; 1-4 cr.

47537 004 IND, 00:00-00:00 , , In Person Term Based; Stephanie Carlson; 1-4 cr.

47538 005 IND, 00:00-00:00 , , In Person Term Based; Dante Cicchetti; 1-4 cr.

47539 006 IND, 00:00-00:00 , , In Person Term Based; Jed Elison; 1-4 cr.

47540 007 IND, 00:00-00:00 , , In Person Term Based; Michelle Englund; 1-4 cr.

47541 008 IND, 00:00-00:00 , , In Person Term Based; Michael Georgieff; 1-4 cr.

47542 009 IND, 00:00-00:00 , , In Person Term Based; Abigail Gewirtz; 1-4 cr.

47543 010 IND, 00:00-00:00 , , In Person Term Based; Megan Gunnar; 1-4 cr.

47544 011 IND, 00:00-00:00 , , In Person Term Based; Canan Karatekin; 1-4 cr.

47545 012 IND, 00:00-00:00 , , In Person Term Based; Melissa Koenig; 1-4 cr.

47546 013 IND, 00:00-00:00 , , In Person Term Based; Maria Kroupina; 1-4 cr.

47547 014 IND, 00:00-00:00 , , In Person Term Based; Michael Maratsos; 1-4 cr.

47548 015 IND, 00:00-00:00 , , In Person Term Based; Ann Masten; 1-4 cr.

47549 016 IND, 00:00-00:00 , , In Person Term Based; Michele Mazzocco; 1-4 cr.

47752 017 IND, 00:00-00:00 , , In Person Term Based; Karina Quevedo; 1-4 cr.

47817 018 IND, 00:00-00:00 , , In Person Term Based; Arthur Reynolds; 1-4 cr.

47818 019 IND, 00:00-00:00 , , In Person Term Based; Glenn Roisman; 1-4 cr.

47820 020 IND, 00:00-00:00 , , In Person Term Based; Maria Sera; 1-4 cr.

47917 021 IND, 00:00-00:00 , , In Person Term Based; Rebecca Shlafer; 1-4 cr.

47949 022 IND, 00:00-00:00 , , In Person Term Based; Kathleen Thomas; 1-4 cr.

48154 023 IND, 00:00-00:00 , , In Person Term Based; Philip Zelazo; 1-4 cr.

4994V Directed Research in Child**Psychology (Honors Thesis)****(Student Option; Prereq: 4 cr in CPSY, CPsy honors, instr consent, dept consentWI)**

47471 001 IND, 00:00-00:00 , , In Person Term Based; Brian Abery; 1-6 cr.

47550 002 IND, 00:00-00:00 , , In Person Term Based; Andrew Barnes; 1-6 cr.

47552 004 IND, In Person Term Based; Stephanie Carlson; 1-6 cr.

47553 005 IND, In Person Term Based; Dante Cicchetti; 1-6 cr.

47554 006 IND, 00:00-00:00 , , In Person Term Based; Jed Elison; 1-6 cr.

47555 007 IND, 00:00-00:00 , , In Person Term Based; Michelle Englund; 1-6 cr.

47556 008 IND, 00:00-00:00 , , In Person Term Based; Michael Georgieff; 1-6 cr.

47557 009 IND, 00:00-00:00 , , In Person Term Based; Abigail Gewirtz; 1-6 cr.

47558 010 IND, 00:00-00:00 , , In Person Term Based; Megan Gunnar; 1-6 cr.

47559 011 IND, 00:00-00:00 , , In Person Term Based; Canan Karatekin; 1-6 cr.

47560 012 IND, 00:00-00:00 , , In Person Term Based; Melissa Koenig; 1-6 cr.

47561 013 IND, 00:00-00:00 , , In Person Term Based; Maria Kroupina; 1-6 cr.

47562 014 IND, 00:00-00:00 , , In Person Term Based; Michael Maratsos; 1-6 cr.

47563 015 IND, 00:00-00:00 , , In Person Term Based; Ann Masten ; 1-6 cr.
 47564 016 IND, 00:00-00:00 , , In Person Term Based; Michele Mazzocco ; 1-6 cr.
 47874 017 IND, 00:00-00:00 , , In Person Term Based; Karina Quevedo ; 1-6 cr.
 47918 018 IND, 00:00-00:00 , , In Person Term Based; Arthur Reynolds ; 1-6 cr.
 47950 019 IND, 00:00-00:00 , , In Person Term Based; Glenn Roisman ; 1-6 cr.
 47951 020 IND, 00:00-00:00 , , In Person Term Based; Maria Sera ; 1-6 cr.
 47952 021 IND, 00:00-00:00 , , In Person Term Based; Rebecca Schlafer ; 1-6 cr.
 48633 022 IND, In Person Term Based; Kathleen Thomas ; 1-6 cr.
 48634 023 IND, In Person Term Based; Philip Zelazo ; 1-6 cr.

4996 Field Study in Child Psychology

(S-N or Audit; Prereq: 4 cr CPsy, instr consent)
 47316 001 FWK, 00:00-00:00 , ONLINE, Completely Online; Meghan Eliason ; 1-4 cr.

5181 Clinical Experience in Elementary School Teaching

(S-N or Audit;)
 47298 001 FWK, 00:00-00:00 , , In Person Term Based; Ann Carlson ; 10 cr.

5187 Capstone Project: Improvement of Teaching in Early Childhood Education

(Student Option No Audit; Prereq: Completion of all requirements for Early Childhood Teacher Licensure, other than CI 5181, which is taken concurrently.)
 48122 001 DIS, 00:00-00:00 , , Independent/Directed Study; Ann Carlson ; 2-4 cr.

5241 Practicum in Early Childhood Education

(A-F only;)
 48092 001 LEC, 15:00-17:30 Th, Scott Hall 4, In Person Term Based; Elizabeth Criswell, Amy Vavricka ; 3 cr.

5252 Facilitating Social and Emotional Learning in Early Childhood Education

(A-F only;)
 47505 001 LEC, 16:00-18:30 T, Scott Hall 4, In Person Term Based; Elizabeth Criswell ; 3 cr.

5254 Facilitating Creative and Motor Learning in Early Childhood Education

(A-F only; Prereq: Student in ECE or ECSE)
 48093 001 LEC, 14:30-16:30 F, Ford Hall 151, In Person Term Based; Ross Thompson, Frances Durkin ; 2 cr.

5281 Student Teaching in Early Childhood Education

(S-N or Audit;)
 47383 001 FWK, 12:30-14:00 F, Child Development 105, In Person Term Based; Sheila Williams Ridge ; 6-8 cr.
 47383 001 FWK, 12:30-14:00 F, Child Development 105, In Person Term Based; Sheila Williams Ridge ; 6-8 cr.

5521 Prevention and Intervention in Early Childhood: Practice

(A-F only;)
 68061 001 LEC, 13:00-19:00 Th, Carlson School of Mgmt 2-224, 8:30-12:00 F, Carlson School of Mgmt 2-224, 13:00-19:00 Th, Carlson School of Mgmt 2-224, 8:30-12:00 F, Carlson School of Mgmt 2-224, 13:00-19:00 Th, Carlson School of Mgmt 2-224, 8:30-12:00 F, Carlson School of Mgmt 2-224, 13:00-19:00 Th, Carlson School of Mgmt 2-224, 8:30-12:00 F, Carlson School of Mgmt 2-224, 13:00-19:00 Th, Carlson School of Mgmt 2-224, 8:30-12:00 F, Carlson School of Mgmt 2-224, In Person Term Based; Anne Gearity, Elizabeth Carlson ; 3 cr.

5525 Reflective Supervision in Infant and Early Childhood Mental Health: Clinical

(S-N only;)
 68062 001 IND, 13:00-15:00 F, Carlson School of Mgmt 2-224, 13:00-15:00 F, Carlson School of Mgmt 2-224, 13:00-15:00 F, Carlson School of Mgmt 2-224, 13:00-15:00 F, Carlson School of Mgmt 2-224, In Person Term Based; Carol Siegel ; 1 cr.
 68063 002 IND, 13:00-15:00 F, Carlson School of Mgmt 1-136, 13:00-15:00 F, Carlson School of Mgmt 1-136, 13:00-15:00 F, Carlson School of Mgmt 1-136, 13:00-15:00 F, Carlson School of Mgmt 1-136, In Person Term Based; Elizabeth Carlson ; 1 cr.
 68064 003 IND, 13:00-15:00 F, Carlson School of Mgmt 2-233, 13:00-15:00 F, Carlson School of Mgmt 2-233, 13:00-15:00 F, Carlson School of Mgmt 2-233,

13:00-15:00 F, Carlson School of Mgmt 2-233, In Person Term Based; Elizabeth Carlson, Meghan Eliason ; 1 cr.
 68065 004 IND, 13:00-15:00 F, Carlson School of Mgmt 1-135, 13:00-15:00 F, Carlson School of Mgmt 1-135, 13:00-15:00 F, Carlson School of Mgmt 1-135, 13:00-15:00 F, Carlson School of Mgmt 1-135, In Person Term Based; Elizabeth Carlson ; 1 cr.

5981 Cross-Cultural Experiences in Education and English Teaching in Brazil

(S-N only; GP)
 68021 001 FWK, In Person Term Based; Frances Durkin ; 12 cr.

8102 Writing Developmental Psych Grants for NIH and NSF

(A-F only; Prereq: Doctoral students in second year of study or beyond)
 67233 001 DIS, 13:35-15:25 Th, Child Development 172, In Person Term Based; Stephanie Carlson ; 1-3 cr.

8302 Developmental Psychology: Social and Emotional Processes

(Student Option; Prereq: Doctoral student, instr consent)
 47288 001 LEC, 13:35-15:25 TTh, Child Development 105, In Person Term Based; Megan Gunnar, Glenn Roisman ; 4 cr.

8304 Developmental Research Methods

(Student Option;)
 48504 001 LEC, 9:45-11:00 TTh, Child Development 105, In Person Term Based; Daniel Berry ; 3 cr.

8307 Prelim Seminar

(S-N only; Prereq: Child psychology PhD student in second year of study)
 48357 001 DIS, 11:00-11:50 Th, Child Development 108, In Person Term Based; Jed Elison, Melissa Koenig ; 1 cr.

8322 Apprenticeship in Teaching Developmental Psychology

(S-N only; Prereq: Child psychology doctoral student)
 48105 001 FWK, 00:00-00:00 , , Independent/Directed Study; Kathleen Thomas ; 1-3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
 47436 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8360 Special Topics in Developmental Psychology

(Student Option; Prereq: Doctoral student)
 48358 001 LEC, 16:00-18:00 T, Pillsbury Hall 125B, In Person Term Based; Kathleen Thomas ; 1-3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
 47442 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8608 Clinical Intervention with Children

(Student Option;)
 67234 001 LEC, 13:00-15:30 T, Child Development 172, In Person Term Based; Abigail Gewirtz ; 3 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
 47449 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
 47459 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
 47466 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8993 Directed Study in Child Psychology

(Student Option; Prereq: Doctoral student or instr consent)
 47314 001 LEC, In Person Term Based; 1-4 cr.

8994 Research Problems in Child

Psychology

(Student Option; Prereq: Doctoral student or instr consent)
 47315 001 LEC, 00:00-00:00 , , In Person Term Based; Daniel Berry ; 1-6 cr.
 47405 002 LEC, 00:00-00:00 , , In Person Term Based; Stephanie Carlson ; 1-6 cr.
 47406 003 LEC, 00:00-00:00 , , In Person Term Based; Dante Cicchetti ; 1-6 cr.
 47407 004 LEC, 00:00-00:00 , , In Person Term Based; Jed Elison ; 1-6 cr.
 47408 005 LEC, 00:00-00:00 , , In Person Term Based; Michael Georgieff ; 1-6 cr.
 47409 006 LEC, 00:00-00:00 , , In Person Term Based; Abigail Gewirtz ; 1-6 cr.
 47410 007 LEC, 00:00-00:00 , , In Person Term Based; Megan Gunnar ; 1-6 cr.
 47411 008 LEC, 00:00-00:00 , , In Person Term Based; Canan Karatekin ; 1-6 cr.
 47412 009 LEC, 00:00-00:00 , , In Person Term Based; Melissa Koenig ; 1-6 cr.
 47413 010 LEC, 00:00-00:00 , , In Person Term Based; Michael Maratsos ; 1-6 cr.
 47414 011 LEC, 00:00-00:00 , , In Person Term Based; Ann Masten ; 1-6 cr.
 47415 012 LEC, 00:00-00:00 , , In Person Term Based; Michele Mazzocco ; 1-6 cr.
 47501 013 LEC, 00:00-00:00 , , In Person Term Based; Arthur Reynolds ; 1-6 cr.
 47810 014 LEC, 00:00-00:00 , , In Person Term Based; Glenn Roisman ; 1-6 cr.
 47838 015 LEC, 00:00-00:00 , , In Person Term Based; Maria Sera ; 1-6 cr.
 47839 016 LEC, 00:00-00:00 , , In Person Term Based; Kathleen Thomas ; 1-6 cr.
 47840 017 LEC, 00:00-00:00 , , In Person Term Based; Philip Zelazo ; 1-6 cr.

8996 Directed Field Experiences in Child Psychology

(S-N or Audit; Prereq: Doctoral student, instr consent)
 47323 001 FWK, In Person Term Based; 1-6 cr.

China Executive MBA (CHMB)

Chinese (CHN)

1012 Beginning Modern Chinese II

(Student Option; Prereq: 1011 or equiv or instr consent)
 49143 001 LEC, 10:10-11:00 MTWThF, Ford Hall 170, Partially Online; Meets With: 001 CHN 4002; Min Li, Hai Liu, Wei-Hsuan Lo, Chen Wang ; 6 cr.
 49144 003 LEC, 12:20-13:10 MTWThF, Kolthoff Hall 138, Partially Online; Meets With: 003 CHN 4002; Min Li, Hai Liu, Chen Wang, Wei-Hsuan Lo ; 6 cr.
 49145 004 LEC, 13:25-14:15 MTWThF, Folwell Hall 106, Partially Online; Meets With: 004 CHN 4002; Min Li, Hai Liu, Wei-Hsuan Lo, Chen Wang ; 6 cr.
 49928 005 LEC, 14:30-15:20 MTWThF, Folwell Hall 10, Partially Online; Meets With: 005 CHN 4002; Min Li, Hai Liu, Wei-Hsuan Lo, Chen Wang ; 6 cr.
 49929 002 LEC, 11:15-12:05 MTWThF, Folwell Hall 105, Partially Online; Meets With: 002 CHN 4002; Min Li, Hai Liu, Wei-Hsuan Lo, Chen Wang ; 6 cr.
 50012 050 LEC, 16:40-17:30 W, Folwell Hall 16, 16:40-18:35 MTh, Kolthoff Hall 134, Partially Online; Meets With: 050 CHN 4002; Hai Liu, Min Li, Wei-Hsuan Lo, Chen Wang, Yao Tu ; 6 cr.

3016 Accelerated Intermediate Modern Chinese

(Student Option; Prereq: 1012 or 1015; oral/aural skills or speaker of other Chinese dialect recommended)
 49714 001 LEC, 15:35-16:25 MTWThF, Folwell Hall 122, In Person Term Based; Meets With: 001 CHN 4006; Jin Stone ; 5 cr.

3022 Intermediate Modern Chinese II

(Student Option; Prereq: 3021)
 49146 001 LEC, 9:05-9:55 MTWThF, Folwell Hall 103, In Person Term Based; Meets With: 001 CHN 4004; Chi-Ping Li ; 5 cr.
 49147 002 LEC, 11:15-12:05 MTWThF, Folwell Hall 120, In Person Term Based; Meets With: 002 CHN 4004; Min Li, Jin Stone ; 5 cr.
 49148 003 LEC, 13:25-14:15 MTWThF, Folwell Hall 3, In Person Term Based; Meets With: 003 CHN 4004; Hai Liu ; 5 cr.

50013 050 LEC, 16:40-19:00 TTh, Folwell Hall 6, In Person Term Based; Meets With: 050 CHN 4004; Min Li, Jin Stone ; 5 cr.

3032 Advanced Modern Chinese II

(Student Option; Prereq: 3031 or equiv or instr consent)

49931 001 LEC, 11:15-12:05 MTWTh, Kolthoff Hall 132, In Person Term Based; Meets With: 001 CHN 4008; Chi-Ping Li ; 4 cr.

51254 002 LEC, 13:25-14:15 MTWTh, Kolthoff Hall 133, In Person Term Based; Meets With: 002 CHN 4008; Chi-Ping Li ; 4 cr.

3202 Intermediate Chinese Calligraphy

(Student Option; Prereq: 3201 or instr consent)

49930 050 LAB, 18:00-20:00 T, Folwell Hall 112, In Person Term Based; Hong Zhang ; 2 cr.

3203 Advanced Chinese Handwriting

(Student Option;)

67356 001 LAB, 14:30-16:25 T, Folwell Hall 32, In Person Term Based; Hong Zhang ; 2 cr.

3920 Topics in Chinese Culture

(Student Option No Audit;)

69944 001 LEC, 9:05-11:00 M, Bruininks Hall 119, In Person Term Based; Yao Tu ; 1-2 cr.

4040 Chinese Content-Based Instruction

(S-N or Audit;)

67397 001 LEC, 17:30-18:20 T, Folwell Hall 119, In Person Term Based; Chun Wai Fong ; 1-3 cr.

4042 Advanced Readings in Modern Chinese II

(Student Option; Prereq: 3032 or instr consent)

51290 001 LEC, 10:10-12:05 TTh, Vincent Hall 301, In Person Term Based; Ling Wang, Wei-Hsuan Lo ; 4 cr.

51680 002 LEC, 14:30-16:25 MW, Civil Engineering Bldg 213, In Person Term Based; Ling Wang, Wei-Hsuan Lo ; 4 cr.

5040 Readings in Chinese Texts

(A-F or Audit; Prereq: 4042 or equiv or instr consent)

68172 001 LEC, 13:25-14:15 MW, Civil Engineering Bldg 213, In Person Term Based; Zhen Zou ; 3 cr.

5393 Directed Study

(Student Option; Prereq-instr consent, dept consent, college consent.)

49287 001 IND, Independent/Directed Study; Ning Ma ; 1-5 cr.

Civil, Environ, and Geo-Engin (CEGE)

1501 Environmental Issues and Solutions

(Student Option; Prereq: High school chemistry or equiv, one yr high school algebra ENV, PHYS)

67554 001 LEC, 11:15-12:30 TTh, Mayo Bldg & Additions C231, In Person Term Based; Kathy Wabner, Sebastian Behrens ; 4 cr.

67615 002 LAB, 9:00-12:00 M, Civil Engineering Bldg 650, In Person Term Based; Kathy Wabner ; 4 cr.

67616 003 LAB, 13:00-16:00 M, Civil Engineering Bldg 650, In Person Term Based; Kathy Wabner ; 4 cr.

67617 004 LAB, 13:00-16:00 T, Civil Engineering Bldg 650, In Person Term Based; Kathy Wabner ; 4 cr.

67618 005 LAB, 13:00-16:00 W, Civil Engineering Bldg 650, In Person Term Based; Kathy Wabner ; 4 cr.

3101 Computer Applications I

(A-F or Audit; Prereq: MATH 1372, PHYS 1301, CSE or instructor consent)

55843 001 LEC, 14:30-15:45 MW, Civil Engineering Bldg 212, In Person Term Based; Stefano Gonella ; 3 cr.

3102 Uncertainty and Decision Analysis

(A-F or Audit; Prereq: MATH 1372 or equiv)

56376 001 LEC, 10:10-11:00 MW, Rapson Hall 45, In Person Term Based; Randal Barnes ; 3 cr.

57034 002 DIS, 16:00-16:50 W, Civil Engineering Bldg 202, In Person Term Based; Randal Barnes ; 3 cr.

57035 003 DIS, 13:25-14:15 W, Civil Engineering Bldg 202, In Person Term Based; Randal Barnes ; 3 cr.

57036 004 DIS, 14:30-15:20 W, Civil Engineering Bldg 188, In Person Term Based; Randal Barnes ; 3 cr.

3103 Engineering Ethics and Professional Practice

(A-F only; Prereq: Civil Eng. or Environmental Eng. or Geoen지니어ing Upper Division)

68220 001 DIS, 8:40- 9:30 T, Amundson Hall 116, In Person Term Based; Vaughan Voller ; 1 cr.

3111 CADD for Civil Engineers

(A-F only; Prereq: CEGE 3201)

57710 001 LAB, 8:00- 9:55 MW, Civil Engineering Bldg 221, In Person Term Based; 2 cr.

57711 002 LAB, 10:10-12:05 MW, Civil Engineering Bldg 221, In Person Term Based; 2 cr.

3201 Transportation Engineering

(A-F or Audit; Prereq: PHYS 1301, CEGE 3101, CEGE 3102)

55230 001 LEC, 13:00-13:50 TTh, Pillsbury Hall 110, In Person Term Based; Alireza Khani ; 3 cr.

55231 002 DIS, 14:30-15:20 Th, Civil Engineering Bldg 202, In Person Term Based; Alireza Khani ; 3 cr.

55232 003 DIS, 16:00-16:50 Th, Civil Engineering Bldg 202, In Person Term Based; Alireza Khani ; 3 cr.

55918 005 DIS, 17:10-18:00 Th, Civil Engineering Bldg 202, In Person Term Based; Alireza Khani ; 3 cr.

3301 Soil Mechanics I

(A-F or Audit; Prereq: upper division CSE, AEM 3031, CEGE 3101, or instructor consent)

55302 001 LEC, 14:30-15:45 TTh, Peik Gymnasium G55, In Person Term Based; Bojan Guzina ; 3 cr.

55303 002 LAB, 16:00-18:00 M, Civil Engineering Bldg 350, In Person Term Based; Bojan Guzina ; 3 cr.

55304 003 LAB, 16:00-18:00 T, Civil Engineering Bldg 350, In Person Term Based; Bojan Guzina ; 3 cr.

55305 004 LAB, 16:00-18:00 W, Civil Engineering Bldg 350, In Person Term Based; Bojan Guzina ; 3 cr.

55760 005 LAB, 16:00-18:00 Th, Civil Engineering Bldg 350, In Person Term Based; Bojan Guzina ; 3 cr.

3401 Linear Structural Analysis

(A-F or Audit; Prereq: AEM 3031, upper division CSE or instructor consent)

55335 001 LEC, 13:00-14:15 MW, Civil Engineering Bldg 210, In Person Term Based; Jialiang Le ; 3 cr.

3402W Civil Engineering Materials

(A-F or Audit; Prereq: AEM 3031W)

55385 001 LEC, 13:00-14:15 TTh, Civil Engineering Bldg 210, In Person Term Based; Mihai Marasteanu, Merry Rendahl ; 3 cr.

55386 002 LAB, 14:30-16:10 T, Civil Engineering Bldg 188, In Person Term Based; Mihai Marasteanu ; 3 cr.

55387 003 LAB, 11:10-12:50 W, Civil Engineering Bldg 188, In Person Term Based; Mihai Marasteanu ; 3 cr.

55388 004 LAB, 9:00-10:40 Th, Civil Engineering Bldg 188, In Person Term Based; Mihai Marasteanu ; 3 cr.

3501 Introduction to Environmental Engineering

(A-F or Audit; Prereq: Chem 1062, Phys 1302, Math 1372 or equivalent ENV)

55301 001 LEC, 9:45-11:00 TTh, Rapson Hall 56, In Person Term Based; Erin Surdo ; 3 cr.

3502 Fluid Mechanics

(A-F or Audit; Prereq: [AEM 2012 or AEM 3031], Math 2373, CEGE 3101, CEGE 3102)

55427 001 LEC, 11:15-12:30 TTh, Civil Engineering Bldg 210, In Person Term Based; Meets With: 001 CEGE 4522; Michele Guala ; 4 cr.

55429 003 LAB, 8:00-10:00 T, Civil Engineering Bldg 277, In Person Term Based; Michele Guala ; 4 cr.

55430 004 LAB, 12:45-14:45 T, Civil Engineering Bldg 277, In Person Term Based; Michele Guala ; 4 cr.

57266 005 LAB, 14:30-16:30 W, Civil Engineering Bldg 277, In Person Term Based; Michele Guala ; 4 cr.

4000H Honors Research Seminar

(A-F only; Prereq: Upper div CE, EnvE, GeoE, Enrolled in the University Honors Program or instructor consent)

57065 001 LEC, 00:00-00:00 , In Person Term Based; Randal Barnes ; 1 cr.

4011 Special Topics

(A-F only; Prereq: Upper div CSE)

67980 001 LEC, 13:00-14:15 TTh, Civil Engineering Bldg 212, In Person Term Based; Timothy LaPara ; 1-4 cr.

4094H Senior Honors Thesis

(A-F only; Prereq: Upper div CE)

67619 001 IND, In Person Term Based; Randal Barnes ; 2 cr.

4101 Project Management and Engineering Economics

(A-F only; Prerequisites: Civil Eng. or Environmental Eng. or Geoen지니어ing upper division)

68221 001 LEC, 11:15-12:30 MW, Civil Engineering Bldg 210, In Person Term Based; Randal Barnes ; 3 cr.

4102W Capstone Design for Civil Engineering

(A-F or Audit; Prereq: 4301, 4401, 4501, 4502WI)

55227 001 LEC, 16:00-18:00 TTh, Civil Engineering Bldg 210, In Person Term Based; Meets With: 001 CEGE 4104W; Catherine French, Merry Rendahl, Joseph Labuz ; 4 cr.

4104W Capstone Design for Geoen지니어ing

(A-F or Audit; Prereq: CE 4121, CE 4311, CE 4351, ESCI 4501WI)

57494 001 LEC, 16:00-18:00 TTh, Civil Engineering Bldg 210, In Person Term Based; Meets With: 001 CEGE 4102W; Catherine French, Merry Rendahl, Joseph Labuz ; 4 cr.

4121 Computer Applications II

(A-F or Audit; Prereq: CEGE 3101, MATH 2373 or equivalent, MATH 2374 or equivalent, upper division CSE or instructor consent)

56846 001 LEC, 13:00-14:15 TTh, Civil Engineering Bldg 202, In Person Term Based; Bojan Guzina ; 3 cr.

4180 Independent Study II

(Student Option; Prereq: instr consent)

55228 001 IND, 00:00-00:00 , In Person Term Based; 1-4 cr.

4190 Engineering Co-op Assignment

(A-F only; Prereq: Upper div CE, approval of department co-op director)

55229 001 FWK, 00:00-00:00 , In Person Term Based; Joseph Labuz ; 2-6 cr.

57624 002 FWK, 00:00-00:00 , In Person Term Based; Joseph Labuz ; 2-6 cr.

4201 Principles of Highway Design

(A-F or Audit; Prereq: upper division CSE student, CEGE 3201 or instr consent)

57721 001 LEC, 11:15-12:30 TTh, Civil Engineering Bldg 202, In Person Term Based; Gary Davis ; 3 cr.

4211 Traffic Engineering

(A-F or Audit; Prereq: CEGE 3201, CEGE 3102 or equivalent, upper division CSE or instructor consent)

69007 001 LEC, 14:30-15:45 MW, Civil Engineering Bldg 205, In Person Term Based; Meets With: 001 CEGE 5211; John Hourdos ; 3 cr.

4301 Soil Mechanics II

(A-F or Audit; Prereq: CEGE 3301, upper div CSE, or instr consent)

55579 002 LAB, 16:00-18:00 M, Civil Engineering Bldg 350, In Person Term Based; Otto Strack ; 3 cr.

55761 001 LEC, 14:30-15:45 TTh, Civil Engineering Bldg 210, In Person Term Based; Otto Strack ; 3 cr.

55762 003 LAB, 16:00-18:00 T, Civil Engineering Bldg 350, In Person Term Based; Otto Strack ; 3 cr.

55763 004 LAB, 16:00-18:00 W, Civil Engineering Bldg 350, In Person Term Based; Otto Strack ; 3 cr.

55797 005 LAB, 16:00-18:00 Th, Civil Engineering Bldg 350, In Person Term Based; Otto Strack ; 3 cr.

4352 Groundwater Modeling

(A-F or Audit; Prereq: 4351, upper div CSE or grad student or instr consent)

57495 001 LEC, 11:15-12:30 TTh, Civil Engineering Bldg 205, In Person Term Based; Otto Strack ; 3 cr.

4401 Steel and Reinforced Concrete Design

(A-F or Audit; Prereq: Grade of at least C- in 3401, concurrent registration is required (or allowed) in 3402, [upper div CSE or grad student])

55460 001 LEC, 9:05-11:00 MW, Civil Engineering Bldg 210, In Person Term Based; Lauren Linderman ; 4 cr.

55461 002 DIS, 11:15-12:05 M, Civil Engineering Bldg 202, In Person Term Based; Lauren Linderman ; 4 cr.

55462 003 DIS, 12:20-13:10 M, Civil Engineering Bldg 202, In Person Term Based; Lauren Linderman ; 4 cr.

55463 004 DIS, 13:25-14:15 M, Civil Engineering Bldg 202, In Person Term Based; Lauren Linderman ; 4 cr.

4411 Matrix Structural Analysis

(A-F or Audit; Prereq: CEGE 3101, CEGE 3401, upper div CSE or grad student or instr consent)

67555 001 LEC, 14:30-15:45 MW, Ford Hall 115, In Person Term Based; Henryk Stolarski ; 3 cr.

4412 Reinforced Concrete II

(A-F or Audit; Prereq: CEGE 4401, upper div CSE or instr consent; 4411 recommended)
67566 001 LEC, 13:00-14:15 MW, Civil Engineering Bldg 205, In Person Term Based; Arturo Schultz ; 3 cr.

4501 Hydrologic Design

(A-F or Audit; Prereq: CEGE 3502)
55235 001 LEC, 16:00-17:15 MW, Civil Engineering Bldg 210, In Person Term Based; Xue Feng ; 4 cr.
55236 002 DIS, 11:15-12:30 T, Civil Engineering Bldg 188, In Person Term Based; Xue Feng ; 4 cr.
55237 003 DIS, 13:00-14:15 W, Civil Engineering Bldg 188, In Person Term Based; Xue Feng ; 4 cr.
55613 004 DIS, 13:00-14:15 Th, Civil Engineering Bldg 188, In Person Term Based; Xue Feng ; 4 cr.

4502 Water and Wastewater Treatment

(A-F or Audit; Prereq: 3501 or CHEN 2001)
55368 001 LEC, 9:45-11:00 TTh, Civil Engineering Bldg 210, In Person Term Based; Raymond Hozalski ; 3 cr.

4511 Hydraulic Structures

(A-F or Audit; Prereq: CEGE 4501, upper division CSE student, Grad student or instructor consent)
67557 001 LEC, 16:40-19:00 M, Civil Engineering Bldg 202, In Person Term Based; Omid Mohseni ; 3 cr.

4522 Review of Introductory Fluid Mechanics for Graduate Students

(A-F or Audit;)
57713 001 LEC, 11:15-12:30 TTh, Civil Engineering Bldg 210, In Person Term Based; Meets With: 001 CEGE 3502; Michele Guala ; 3 cr.

4561 Solids and Hazardous Wastes

(A-F or Audit;)
67560 001 LEC, 14:30-15:45 TTh, Civil Engineering Bldg 205, In Person Term Based; Erin Surdo ; 3 cr.

5094 Civil Engineering Research

(Student Option; Prereq: instr consent)
55965 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5211 Traffic Engineering

(A-F or Audit; Prereq: CEGE 3201, CEGE 3102 or equivalent, Grad Student)
69008 001 LEC, 14:30-15:45 MW, Civil Engineering Bldg 205, In Person Term Based; Meets With: 001 CEGE 4211; John Hourdos ; 3 cr.

5212 Transportation Policy, Planning, and Deployment

(A-F or Audit; Prereq: 3201 or equiv, upper division CSE, or grad student)
67812 001 LEC, 16:00-17:15 TTh, Hubert H. Humphrey School 30, In Person Term Based; Meets With: 001 PA 5232; Jueyu Wang ; 3 cr.

5414 Prestressed Concrete Design

(A-F or Audit; Prereq: CEGE 4401, upper div CSE or grad student or instr consent)
67564 001 LEC, 9:45-11:00 TTh, Civil Engineering Bldg 205, In Person Term Based; Carol Shield ; 3 cr.

5543 Introductory Environmental Fluid Mechanics

(A-F or Audit; Prereq: CEGE 3502 or AEM 4201 or ChEn 3005, upper division CSE or grad students or instructor consent)
67565 001 LEC, 9:05-11:00 MW, Civil Engineering Bldg 202, In Person Term Based; Miki Hondzo ; 4 cr.

8094 Civil Engineering Research

(Student Option; Prereq: instr consent)
55612 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8200 Seminar: Transportation

(S-N or Audit;)
55848 001 LEC, 11:15-12:05 F, Civil Engineering Bldg 202, In Person Term Based; Gary Davis ; 1 cr.

8211 Theory of Traffic Flow

(Student Option;)
68713 001 LEC, 13:00-14:15 TTh, Civil Engineering Bldg 205, In Person Term Based; Michael Levin ; 4 cr.

8213 Advanced Transportation Technologies Seminar

(S-N or Audit;)

67794 001 LEC, 14:30-15:30 Th, Mechanical Engineering 102, In Person Term Based; Meets With: 001 PA 8290001 ME 8772; Max Donath ; 1 cr.

8215 Transportation Data Analysis

(Student Option; Prereq: [8210 or 8211], [STAT 5021 or equiv])
67620 001 LEC, 11:15-12:30 MW, Civil Engineering Bldg 205, In Person Term Based; Gary Davis ; 3 cr.

8300 Seminar: Geomechanics

(S-N or Audit;)
55591 001 LEC, 11:15-12:05 F, Civil Engineering Bldg 205, In Person Term Based; Sofia Mogilevskaia ; 1-3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
55636 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8400 Seminar: Structures

(S-N or Audit;)
55334 001 LEC, 9:05-9:55 F, Civil Engineering Bldg 205, In Person Term Based; Henryk Stolarski ; 1 cr.

8401 Fundamentals of Finite Element Method

(A-F or Audit; Prereq: 4411 or instr consent)
67621 001 LEC, 16:00-17:15 MW, Civil Engineering Bldg 205, In Person Term Based; Dominik Schillingner ; 3 cr.

8442 Nonlinear Analysis of Structural Systems

(A-F or Audit; Prereq: 4411, 4413 or instr consent; offered alt yrs)
67622 001 LEC, 9:45-11:00 MW, Civil Engineering Bldg 188, In Person Term Based; Jialiang Le ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
55653 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8500 Environmental Seminar

(S-N or Audit; Prereq: grad CE major or instr consent)
55471 001 LEC, 13:00-13:50 F, Civil Engineering Bldg 210, In Person Term Based; 1 cr.

8503 Environmental Mass Transport

(A-F or Audit; Prereq: 3502, 3501 or equiv or instr consent)
67624 001 LEC, 12:20-14:15 MW, Bruininks Hall 119, In Person Term Based; Kimberly Hill ; 4 cr.

8504 Theory of Unit Operations

(A-F or Audit; Prereq: 5541)
67625 001 LEC, 8:00-9:55 MW, Civil Engineering Bldg 205, In Person Term Based; Santiago Romero Vargas Castrillon ; 4 cr.

8561 Analysis and Modeling of Aquatic Environments I

(A-F or Audit; Prereq: One sem grad work or instr consent)
67749 001 LEC, 9:45-11:00 TTh, Civil Engineering Bldg 202, In Person Term Based; Vaughan Voller ; 3 cr.

8581 Research and Professional Ethics in Water Resources and Environmental Science

(S-N or Audit; Prereq: [Environmental engineering or water resource science] grad student or instr consent)
67627 001 LEC, 15:35-16:25 T, Civil Engineering Bldg 202, In Person Term Based; Paige Novak ; 0.5 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
55669 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
55688 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
55711 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

Classical and Near Eastern Std (CNES)**1003 World of Rome**

(Student Option; HIS)
51050 001 LEC, 12:20-13:10 MWF, Rapson Hall 100, In Person Term Based; Stephen Smith ; 3 cr.

1042 Greek and Roman Mythology

(Student Option; AH)
50142 001 LEC, 11:15-12:05 MF, Nicholson Hall 155, In Person Term Based; Meets With: 001 CNES 1042H; Spencer Cole ; 4 cr.
50282 003 DIS, 8:15-9:30 Th, Folwell Hall 123, In Person Term Based; 4 cr.
50283 004 DIS, 9:45-11:00 T, Folwell Hall 112, In Person Term Based; 4 cr.
50284 002 DIS, 8:15-9:30 T, Folwell Hall 123, In Person Term Based; 4 cr.
50470 005 DIS, 9:45-11:00 Th, Folwell Hall 112, In Person Term Based; 4 cr.

1042H Honors Course: Greek and Roman Mythology

(A-F only; AH)
50145 001 LEC, 11:15-12:05 MF, Nicholson Hall 155, In Person Term Based; Meets With: 001 CNES 1042; Spencer Cole ; 4 cr.
50146 002 DIS, 11:15-12:30 W, Nicholson Hall 325, In Person Term Based; Spencer Cole ; 4 cr.

1082 Jesus in History

(Student Option; HIS)
51631 001 LEC, 13:25-14:15 WF, Pillsbury Hall 110, In Person Term Based; Meets With: 001 RELS 1082001 CNES 3092001 RELS 3092001 HIST 1082001 HIST 3092; Stephen Ahearn-Kroll ; 3 cr.
51632 002 DIS, 13:25-14:15 M, Nicholson Hall 115, In Person Term Based; Meets With: 002 RELS 1082002 RELS 3092002 CNES 3092002 HIST 1082002 HIST 3092; 3 cr.
51633 003 DIS, 12:20-13:10 M, Nicholson Hall 115, In Person Term Based; Meets With: 003 RELS 1082003 RELS 3092003 CNES 3092003 HIST 1082003 HIST 3092; 3 cr.

1911 Silencing the Gods: Divine & Human in Hebrew Bible

(Student Option; GP)
67696 001 DIS, 14:30-15:45 TTh, Nicholson Hall 325, In Person Term Based; Bernard Levinson ; 3 cr.

3081W Classical Epic in Translation

(Student Option; LITR,WI)
67603 001 DIS, 11:15-12:30 TTh, Nicholson Hall 345, In Person Term Based; Nita Krevans ; 3 cr.

3092 Jesus in History

(Student Option; HIS)
67599 001 LEC, 13:25-14:15 WF, Pillsbury Hall 110, In Person Term Based; Meets With: 001 CNES 1082001 RELS 1082001 RELS 3092001 HIST 1082001 HIST 3092; Stephen Ahearn-Kroll ; 3 cr.
67727 002 DIS, 13:25-14:15 M, Nicholson Hall 115, In Person Term Based; Meets With: 002 CNES 1082002 RELS 1082002 RELS 3092002 HIST 1082002 HIST 3092; 3 cr.
67728 003 DIS, 12:20-13:10 M, Nicholson Hall 115, In Person Term Based; Meets With: 003 CNES 1082003 RELS 1082003 RELS 3092003 HIST 1082003 HIST 3092; 3 cr.

3152 Art and Archaeology of Ancient Greece

(Student Option; HIS)
70155 001 LEC, 13:00-14:15 TTh, Anderson Hall 230, In Person Term Based; Meets With: 001 ARTH 3152; Matthew Canepa ; 3 cr.

3504 Apocalypticism, Cosmic Warfare, and the Maccabees: Jewish Strategies of Resistance in Antiquity

(Student Option;)

67687 001 LEC, 9:45-11:00 TTh, Folwell Hall 123, In Person Term Based; Meets With: 001 RELS 3504001 JWST 3504; Patricia Ahearn-Kroll; 3 cr.

3951W Major Project

(Student Option; Prereq: Three 3xxx ANE courses, [major in ANE or CNEA or ReLS], instr consentWI)
49360 001 IND, 00:00-00:00 , , In Person Term Based; Spencer Cole; 4 cr.
50907 002 IND, 00:00-00:00 , , In Person Term Based; Andrew Gallia; 4 cr.
50908 003 IND, 00:00-00:00 , , In Person Term Based; Nita Krevans; 4 cr.
50909 004 IND, 00:00-00:00 , , In Person Term Based; Bernard Levinson; 4 cr.
50910 005 IND, 00:00-00:00 , , In Person Term Based; Christopher Nappa; 4 cr.
50911 006 IND, 00:00-00:00 , , In Person Term Based; Oliver Nicholson; 4 cr.
50912 007 IND, 00:00-00:00 , , In Person Term Based; Renana Schneller; 4 cr.
50913 008 IND, 00:00-00:00 , , In Person Term Based; Melissa Sellow; 4 cr.
50914 009 IND, 00:00-00:00 , , In Person Term Based; George Sheets; 4 cr.
50915 010 IND, 00:00-00:00 , , In Person Term Based; Stephen Smith; 4 cr.
50916 011 IND, 00:00-00:00 , , In Person Term Based; Matthew Canepa; 4 cr.
50948 012 IND, 00:00-00:00 , , In Person Term Based; Stephen Ahearn-Kroll; 4 cr.
51841 013 IND, 00:00-00:00 , , In Person Term Based; Patricia Ahearn-Kroll; 4 cr.
51842 014 IND, 00:00-00:00 , , In Person Term Based; Hanne Levinson; 4 cr.
69946 015 IND, In Person Term Based; S. Douglas Olson; 4 cr.
69980 016 IND, In Person Term Based; 4 cr.
70244 017 IND, In Person Term Based; Peter Wells; 4 cr.

3993 Directed Studies

(Student Option; Prereq: instr consent)
50257 001 IND, 00:00-00:00 , , In Person Term Based; Spencer Cole; 1-4 cr.
70241 002 IND, In Person Term Based; Peter Wells; 1-4 cr.

5993 Directed Studies

(Student Option; Prereq: instr consent, dept consent, college consent.)
50197 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5994 Directed Research

(Student Option; Prereq: instr consent, dept consent, college consent.)
50198 001 IND, In Person Term Based; 1-12 cr.

5996 Directed Instruction

(Student Option; Prereq: instr consent, dept consent, college consent.)
50199 001 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

8190 Seminar: Issues in Ancient Art and

Archaeology
(Student Option;)
67690 001 LEC, 14:30-15:45 MW, Nicholson Hall 201, In Person Term Based; Meets With: 001 RELS 8190001 GRK 8910; Melissa Sellow; 3 cr.
70320 002 LEC, 16:30-19:00 T, Walter W Heller Hall 445, In Person Term Based; Meets With: 001 ARTH 8190; Matthew Canepa; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
50200 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
50201 001 IND, In Person Term Based; 1 cr.

8570 Readings in Religious Texts

(A-F only;)
67700 001 LEC, 14:30-17:00 Th, Folwell Hall 107, In Person Term Based; Meets With: 001 RELS 8070; Stephen Ahearn-Kroll; 3 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined

cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
50202 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required (Plan A only))
50203 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credits: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
50204 001 IND, In Person Term Based; 1-24 cr.

Cognitive Science (CGSC)

8000 Seminar: Philosophy of the Cognitive Sciences

(Student Option; Prereq: Grad cog sci minor or instr consent)
50449 001 LEC, 13:00-16:00 W, Elliott Hall S204, In Person Term Based; 3 cr.

8410 Perspectives in Learning, Perception, and Cognition

(S-N only;)
50354 001 LEC, 11:30-13:00 T, Room TBA, In Person Term Based; Victoria Interrante; 2 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer, 24 cr required)
51356 001 IND, In Person Term Based; 1-24 cr.

8991 Independent Study

(Student Option; Prereq: instr consent)
50950 001 IND, Independent/Directed Study; 1-4 cr.

Col of Food, Agr & Nat Res Sci (CFAN)

1501 Biotechnology, People, and the Environment

(A-F or Audit; TS)
52923 001 LEC, 11:45-12:35 MWF, Ruttan Hall B25, In Person Term Based; Nevin Young, Melissa Palmer; 3 cr.

1911 Native American Ways of Knowing the Environment

(A-F only; Prereq: freshmanDSJ)
69695 001 DIS, 15:00-16:55 Th, Coffey Hall 120, In Person Term Based; Mark Bellcourt; 3 cr.

3001 Pests and Crop Protection

(A-F or Audit; Prereq: Biol 1009 or equiv or instr consent)
53110 001 LEC, 8:30- 9:20 MW, Ruttan Hall B22, In Person Term Based; Jeffrey Gunsolus, William Hutchison, Melania Figueroa; 3 cr.
53111 002 LAB, 8:30-10:25 F, Hodson Hall 485, In Person Term Based; Jeffrey Gunsolus, William Hutchison, Melania Figueroa; 3 cr.

3091V Research Proposals: From Ideas to Strategic Plans

(A-F only; Prereq: If you have less than 60 credits and are interested in this course, please contact the instructor.WI)
53521 001 LEC, 15:00-16:30 TTh, Animal Science / Vet Med 495J, In Person Term Based; Meets With: 001 ANSC 5091; Milena Saqui-Salces; 3 cr.

3096 Making the Most of your Internship

(A-F only; Prereq: Secured internship, instr consent)
53402 001 LEC, 15:00-18:00 M, Ruttan Hall B30, 15:00-18:00 M, Ruttan Hall B30, 15:00-18:00 M, Ruttan Hall B30, In Person Term Based; Mari Ruddy; 1 cr.
53403 002 LEC, 14:00-17:00 F, Ruttan Hall B26, 14:00-17:00 F, Ruttan Hall B26, 14:00-17:00 F, Ruttan Hall B26, In Person Term Based; Mari Ruddy; 1 cr.
53483 003 LEC, 14:00-17:00 F, Ruttan Hall B42, 14:00-17:00 F, Ruttan Hall B42, 14:00-17:00 F, Ruttan Hall B42, In Person Term Based; Mari Ruddy; 1 cr.

3201 Career and Internship Preparation

(A-F only; Prereq: Soph or jr or sr or grad student)
53257 001 LEC, 11:45-12:35 T, McNeal Hall 144, In Person Term Based; Meets With: 001 ICP 3201; Alyssa Maples; 1 cr.

53373 002 LEC, 16:05-16:55 W, McNeal Hall 10, In Person Term Based; Meets With: 002 ICP 3201; Maggie Kubak; 1 cr.

3510 From Rainforest to Reef: Wildlife

Medicine and Conservation in Belize
(A-F only;)
69817 001 LEC, 15:00-15:50 F, Haecker Hall 365, In Person Term Based; Melissa Palmer; 3 cr.
70203 002 LEC, Completely Online; Melissa Palmer; 3 cr.

3517 Shires, Shorthorns and Sheep: Exploring Livestock Systems in England

(A-F only; GP)
69822 001 DIS, 11:45-12:50 T, Haecker Hall 205, In Person Term Based; Krishona Martinson, Marcia Hathaway; 3 cr.

4801H Honors Thesis

(A-F only; Prereq-Candidate for graduation with honors through CFANS in any major, college consent.)
53338 001 IND, 00:00-00:00 , , Independent/Directed Study; Jason Hill; 3 cr.
69903 002 IND, In Person Term Based; Hikaru Peterson; 3 cr.
69904 003 IND, In Person Term Based; Erin Dickerson; 3 cr.
69905 004 IND, In Person Term Based; Baraem Ismail; 3 cr.
69906 005 IND, In Person Term Based; Jim Perry; 3 cr.
69907 006 IND, In Person Term Based; Rebecca Montgomery; 3 cr.
69908 007 IND, In Person Term Based; Matthew Clark; 3 cr.
69909 008 IND, In Person Term Based; Renee Rosen; 3 cr.
69935 009 IND, In Person Term Based; Carrie Earthman; 3 cr.
70131 010 IND, In Person Term Based; James Bradeen; 3 cr.

Coll of Science, Engineering (CSE)

1 Fundamentals of Engineering Review (E.I.T. Refresher)

(S-N or Audit; Prereq: Bachelor's degree in engineering)
55611 001 LEC, 18:00-21:00 T, ONLINE, Completely Online; Daniel Nordell; 0 cr.

1012 Project-based Inquiry

(A-F only;)
68663 001 LAB, 10:10-12:05 Th, Mechanical Engineering 321, In Person Term Based; Susan Mantell; 2 cr.
68664 002 LAB, 14:30-16:25 T, Mechanical Engineering 221, In Person Term Based; Aaron Massari; 2 cr.
68665 003 LAB, 9:05-11:00 T, Amundson Hall 156, In Person Term Based; Lorraine Francis; 2 cr.
68666 004 LAB, 10:10-12:05 F, Mechanical Engineering 221, In Person Term Based; Joshua Feinberg; 2 cr.
68667 005 LAB, 14:30-16:25 W, Amundson Hall 158, In Person Term Based; Paul Strykowski; 2 cr.
68668 006 LAB, 10:10-12:05 W, Mechanical Engineering 102, In Person Term Based; Lorraine Francis, Kia Bazargan, David Orser; 2 cr.

College of Liberal Arts (CLA)

1002 CLA First-Year Experience II

(S-N only; Prereq: CLA)
51333 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Chinh Truong; 1 cr.

1007 CLA First-Year Experience: Independent Study

(S-N only;)
67559 001 IND, Completely Online; Chinh Truong; 1 cr.

1051 CLA Freshman Research

(No Grade Associated; Prereq-Available only to CLA freshmen receiving a CLA Research Opportunity.)
50832 001 IND, 00:00-00:00 , , Independent/Directed Study; 0 cr.

1052 CLA Freshman Research

(Student Option; Prereq-Only available to CLA freshmen receiving a CLA Research Opportunity.)
50833 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-2 cr.

1200 Topics

(Student Option;)

69567 001 LEC, 15:35-16:25 M, Bruininks Hall 119, In Person Term Based; Renee Crichlow, Andrew Slattengren ; 1-5 cr.

3001 CLA Transfer Semester Experience

(S-N only; Prereq: Must be a new CLA transfer student in their first semester on the UMTC campus.)

68785 001 LEC, Completely Online; Therese Djei ; 1 cr.

Commun Engage Scholars Program (CESP)

3901 Community Engagement Scholars Program Integrative Capstone Seminar

(A-F only; Prereq: Departmental Consent based on program requirements completed or plan for completion determined with program staff.)

61190 001 DIS, 15:00-16:45 M, Pillsbury Hall 121, In Person Term Based; Monica Siems McKay ; 1 cr.

61191 003 DIS, 17:00-18:45 W, Pillsbury Hall 121, In Person Term Based; Laurel Hirt ; 1 cr.

61192 004 DIS, 10:00-11:45 F, Folwell Hall 10, In Person Term Based; Katie Peacock ; 1 cr.

3993 Directed Study for Community

Engagement

(A-F only; Prereq: instr consent, dept consent, college consent.)

69875 001 DIS, In Person Term Based; Laurel Hirt ; 1-4 cr.

Communication Studies (COMM)

1101 Introduction to Public Speaking

(Student Option; CIV)

49872 001 LEC, 8:15- 9:30 MW, Ford Hall B10, In Person Term Based; Kristin Fitzsimmons ; 3 cr.

49873 002 LEC, 8:15- 9:30 MW, Ford Hall B15, In Person Term Based; Kevin Liu ; 3 cr.

49874 004 LEC, 8:15- 9:30 TTh, Bruininks Hall 144, In Person Term Based; Mike Baxter-Kauf ; 3 cr.

49875 006 LEC, 8:15- 9:30 TTh, Kolthoff Hall 139, In Person Term Based; Heidi Zimmerman ; 3 cr.

49876 007 LEC, 9:45-11:00 MW, Ford Hall B53, In Person Term Based; Kate Ranachan ; 3 cr.

49877 008 LEC, 9:45-11:00 TTh, Tate Hall B55, In Person Term Based; Mike Baxter-Kauf ; 3 cr.

49878 009 LEC, 11:15-12:30 MW, Ford Hall 130, In Person Term Based; Nicole Rudisill ; 3 cr.

49879 010 LEC, 11:15-12:30 TTh, Folwell Hall 122, In Person Term Based; Mike Baxter-Kauf ; 3 cr.

49880 011 LEC, 11:15-12:30 TTh, Kolthoff Hall 140, In Person Term Based; Myles Caldwell ; 3 cr.

49881 012 LEC, 11:15-12:30 MW, Ford Hall B15, In Person Term Based; Amy Mulawa ; 3 cr.

49882 013 LEC, 13:00-14:15 TTh, Akerman Hall 317, In Person Term Based; Wendy Anderson ; 3 cr.

49883 014 LEC, 13:00-14:15 MW, Amundson Hall 158, In Person Term Based; Liora Elias ; 3 cr.

49884 015 LEC, 13:00-14:15 MW, Ford Hall B29, In Person Term Based; Runchao Liu ; 3 cr.

49885 016 LEC, 13:00-14:15 TTh, Ford Hall B10, In Person Term Based; Brian Long ; 3 cr.

49886 017 LEC, 13:00-14:15 TTh, Ford Hall 127, In Person Term Based; Diane Odash ; 3 cr.

49887 018 LEC, 14:30-15:45 MW, Ford Hall 127, In Person Term Based; Eric Short ; 3 cr.

50384 020 LEC, 14:30-15:45 MW, Ford Hall B29, In Person Term Based; Liora Elias ; 3 cr.

50465 022 LEC, 8:45-10:00 MW, Ruttan Hall B36, In Person Term Based; Jada Pulley, Jeffrey VanCleave ; 3 cr.

50466 023 LEC, 10:15-11:30 MW, Ruttan Hall B36, In Person Term Based; Jeffrey VanCleave ; 3 cr.

50467 025 LEC, 18:00-21:00 M, Ford Hall B53, In Person Term Based; Eric Short ; 3 cr.

50468 021 LEC, 16:00-17:15 MW, Ford Hall 127, In Person Term Based; Eric Short ; 3 cr.

50469 024 LEC, 11:45-13:00 MW, Ruttan Hall B22, In Person Term Based; Jeffrey VanCleave ; 3 cr.

50842 019 LEC, 14:30-15:45 TTh, Ford Hall B15, In Person Term Based; Wendy Anderson ; 3 cr.

51065 026 LEC, 18:00-21:00 T, Akerman Hall 227, In Person Term Based; Annette Madlock Gatison ; 3 cr.

52497 029 LEC, 9:45-11:00 MW, Ford Hall B10, In Person Term Based; Liora Elias ; 3 cr.

52498 030 LEC, 9:45-11:00 TTh, Murphy Hall 214, In Person Term Based; Heidi Zimmerman ; 3 cr.

1101H Honors: Introduction to Public Speaking

(A-F only; Prereq: HonorsCIV)

50893 001 LEC, 9:45-11:00 TTh, Bruininks Hall 420A, In Person Term Based; John Nordin ; 3 cr.

50979 002 LEC, 16:00-17:15 TTh, Ford Hall 155, In Person Term Based; John Nordin ; 3 cr.

1313W Analysis of Argument

(Student Option; WI)

49888 001 LEC, 8:15- 9:30 MW, Ford Hall B29, In Person Term Based; 3 cr.

49889 002 LEC, 9:45-11:00 MW, Ford Hall B29, In Person Term Based; 3 cr.

49890 003 LEC, 11:15-12:30 MW, Ford Hall 127, In Person Term Based; 3 cr.

49891 004 LEC, 13:00-14:15 TTh, Ford Hall B29, In Person Term Based; 3 cr.

49892 005 LEC, 14:30-15:45 MW, Ford Hall B53, In Person Term Based; 3 cr.

49894 007 LEC, 11:15-12:30 TTh, Tate Hall B85, In Person Term Based; 3 cr.

50090 008 LEC, 16:00-17:15 MW, Ford Hall B29, In Person Term Based; 3 cr.

50385 009 LEC, 14:30-15:45 TTh, Ford Hall B80, In Person Term Based; 3 cr.

50772 010 LEC, 11:15-12:30 TTh, Ford Hall B10, In Person Term Based; 3 cr.

51748 011 LEC, 16:00-17:15 MW, Ford Hall B53, In Person Term Based; 3 cr.

1913 Religious Arguments

(Student Option;)

67783 001 DIS, 13:00-14:15 TTh, Ford Hall B53, In Person Term Based; John Nordin ; 3 cr.

3190H Honors Course: Research Seminar in Communication

(A-F only; Prereq: Honors candidate in comm, instr consent, dept consent)

50831 001 IND, 00:00-00:00 , , In Person Term Based; 3 cr.

3201 Introduction to Electronic Media

Production

(A-F or Audit;)

49895 001 LAB, 10:10-12:05 Th, Ford Hall B60, 10:10-12:05 T, Rarig Center Studio E, In Person Term Based; Dawn Schot Klotzbach ; 4 cr.

49896 002 LAB, 10:10-12:05 Th, Rarig Center Studio E, 10:10-12:05 T, Ford Hall B60, In Person Term Based; Elja Roy ; 4 cr.

49998 004 LAB, 13:25-15:20 W, Rarig Center Studio E, 13:25-15:20 M, Ford Hall B60, In Person Term Based; Lisa Hutchinson ; 4 cr.

50386 005 LAB, 10:10-12:05 W, Ford Hall B60, 10:10-12:05 M, Rarig Center Studio E, In Person Term Based; Rebecca Jurisz ; 4 cr.

50596 006 LAB, 10:10-12:05 W, Rarig Center Studio E, 10:10-12:05 M, Ford Hall B60, In Person Term Based; Lisa Hutchinson ; 4 cr.

50631 007 LAB, 8:00- 9:55 Th, Ford Hall B60, 8:00- 9:55 T, Rarig Center Studio E, In Person Term Based; Rebecca Jurisz ; 4 cr.

50843 003 LAB, 13:25-15:20 W, Ford Hall B60, 13:25-15:20 M, Rarig Center Studio E, In Person Term Based; Rebecca Jurisz ; 4 cr.

3204 Advanced Electronic Media

Production

(A-F or Audit; Prereq: 3201 or instr consent)

50008 001 LAB, 10:10-12:05 TTh, Rarig Center Studio B, In Person Term Based; Mark Neuman-Scott ; 4 cr.

50594 002 LAB, 13:25-15:20 TTh, Rarig Center Studio B, In Person Term Based; Lisa Hutchinson ; 4 cr.

3211 Introduction to Media Studies

(Student Option;)

49897 001 LEC, 13:00-14:15 TTh, Anderson Hall 250, In Person Term Based; Heidi Zimmerman ; 3 cr.

3231 Reality TV: History, Culture, and

Economics

(Student Option;)

52505 001 LEC, 11:15-12:30 TTh, Nicholson Hall 125, In Person Term Based; Laurie Ouellette ; 3 cr.

3263W Media Literacy: Decoding Media

Images and Messages

(A-F only; WI)

50604 001 LEC, 8:15- 9:30 MW, Ford Hall B80, In Person Term Based; Bree Trisler ; 3 cr.

50628 002 LEC, 9:45-11:00 MW, Ford Hall B15, In Person Term Based; Joy Hamilton ; 3 cr.

50633 003 LEC, 9:45-11:00 TTh, Blegen Hall 215, In Person Term Based; Lauren Weinzimmer ; 3 cr.

50634 004 LEC, 13:00-14:15 MW, Ford Hall B15, In Person Term Based; Megan Yahnke ; 3 cr.

3341 Asian American Images

(Student Option;)

69397 001 DIS, 17:30-20:00 Th, Blegen Hall 260, In Person Term Based; Meets With: 001 AAS 3341; John Matsunaga ; 3 cr.

3351 Asian Americans and Popular Culture

(Student Option; AH.DSJ)

70292 001 DIS, 17:30-20:00 T, Blegen Hall 225, In Person Term Based; Meets With: 001 AAS 3351; John Matsunaga ; 3 cr.

3401 Introduction to Communication

Theory

(Student Option;)

50758 301 LEC, Completely Online; Alyssa Isaacs ; 3 cr.

51749 001 LEC, 9:45-11:00 MW, Tate Hall 105, In Person Term Based; Jeremy Rose ; 3 cr.

3411 Introduction to Small Group

Communication

(Student Option;)

49898 001 LEC, 8:15- 9:30 MW, Ford Hall B53, In Person Term Based; Nan Gesche ; 3 cr.

49899 002 LEC, 9:45-11:00 MW, Ford Hall 130, In Person Term Based; Nan Gesche ; 3 cr.

49900 003 LEC, 11:15-12:30 MW, Ford Hall B29, In Person Term Based; Stephanie Galameault ; 3 cr.

49901 005 LEC, 13:00-14:15 MW, Ford Hall B53, In Person Term Based; Nan Gesche ; 3 cr.

49902 006 LEC, 14:30-15:45 TTh, Ford Hall 127, In Person Term Based; Andrea Shada ; 3 cr.

50844 004 LEC, 11:15-12:30 TTh, Peik Hall 335, In Person Term Based; Andrea Shada ; 3 cr.

52506 007 LEC, 18:00-21:00 T, Amundson Hall 156, In Person Term Based; Andrea Shada ; 3 cr.

3422 Interviewing and Communication

(A-F or Audit;)

49903 001 LEC, 8:15- 9:30 TTh, Akerman Hall 317, In Person Term Based; Diane Odash ; 3 cr.

49904 002 LEC, 9:45-11:00 TTh, Ford Hall B29, In Person Term Based; Diane Odash ; 3 cr.

50387 003 LEC, 11:15-12:30 TTh, Ford Hall 127, In Person Term Based; Kate Ranachan ; 3 cr.

51702 004 LEC, 14:30-15:45 TTh, Ford Hall B29, In Person Term Based; Kate Ranachan ; 3 cr.

3431 Persuasion Theories

(Student Option; Prereq: Soph recommended)

67784 001 LEC, 9:45-11:00 TTh, Civil Engineering Bldg 212, In Person Term Based; Jeremy Rose ; 3 cr.

3441 Introduction to Organizational

Communication

(Student Option;)

67785 001 LEC, 13:00-14:15 MW, Ford Hall B10, In Person Term Based; Stephanie Galarneault ; 3 cr.

3451W Intercultural Communication:

Theory and Practice

(Student Option; Prereq: Planning an intercultural experienceWI)

52096 001 LEC, 16:00-19:00 M, Ford Hall B80, In Person Term Based; Min Kyong Cho ; 3 cr.

3601 Introduction to Rhetorical Theory

(Student Option;)

49906 001 LEC, 14:30-15:45 MW, Anderson Hall 250, In Person Term Based; Jay Frank, Ryo Kanno ; 3 cr.

3605W Persuasive Speaking and Speech

Writing

(Student Option; Prereq: 1101, sophWI)

51469 001 LEC, 11:15-12:30 TTh, Ford Hall B29, In Person Term Based; Svilen Trifonov ; 3 cr.

3614 Advanced Public Policy and Debate

(A-F only;)

69558 001 DIS, In Person Term Based; David Helwich ; 3 cr.

3615 Argumentation

(Student Option; Prereq: Soph)

52519 001 LEC, 14:30-15:45 TTh, Ford Hall B53, In Person Term Based; Scott Makstenieks ; 3 cr.

3625 Communication Ethics

(A-F or Audit;)

49907 001 LEC, 8:15- 9:30 TTh, Ford Hall B29, In Person Term Based; David Tucker ; 3 cr.

3631 Freedom of Speech

(Student Option; CIV)
51259 001 LEC, 9:45-11:00 TTh, Ford Hall B53, In Person
Term Based; Wendy Anderson ; 3 cr.

3645W How Pictures Persuade

(A-F only; WI)
51256 001 LEC, 13:00-14:15 MW, Ford Hall B80, In Person
Term Based; Grace Geier Olive ; 3 cr.

3676W Communicating Terrorism

(Student Option; GP,WI)
52521 001 LEC, 11:15-12:30 TTh, Ford Hall B53, In Person
Term Based; Scott Makstenieks ; 3 cr.

3682W Communicating War

(Student Option; AH,WI,CIV)
69465 001 LEC, 14:30-15:45 MW, Amundson Hall 162, In
Person Term Based; Mary Vavrus ; 3 cr.

3970 Directed Study

(Student Option; Prereq-One Comm course, instr
consent, dept consent, college consent.)
49908 001 IND, 00:00-00:00 , , In Person Term Based; 1-3
cr.

51482 002 IND, 00:00-00:00 , , In Person Term Based; 1-3
cr.

3980 Directed Instruction

(S-N or Audit; Prereq: instr consent, dept consent)
49909 001 FWK, 00:00-00:00 , , In Person Term Based; 3 cr.

3990 Research Practicum

(Student Option;)
49958 001 FWK, 00:00-00:00 , , In Person Term Based;
Susanne Jones ; 1-3 cr.

3995W Major Project

(S-N or Audit; Prereq: Comm major, instr consentWI)
49916 001 IND, 00:00-00:00 , , In Person Term Based; Mark
Neuman-Scott ; 1-3 cr.

51921 002 IND, 00:00-00:00 , , In Person Term Based; Mark
Pedelty ; 1-3 cr.

51922 003 IND, 00:00-00:00 , , In Person Term Based;
Gilbert Rodman ; 1-3 cr.

51923 004 IND, In Person Term Based; Jeremy Rose ; 1-3 cr.
51924 005 IND, 00:00-00:00 , , In Person Term Based;
Gilbert Rodman ; 1-3 cr.

51925 006 IND, 00:00-00:00 , , In Person Term Based; Mary
Vavrus ; 1-3 cr.

51926 007 IND, 00:00-00:00 , , In Person Term Based;
Susanne Jones ; 1-3 cr.

51927 008 IND, 00:00-00:00 , , In Person Term Based; Dean
Hewes ; 1-3 cr.

51928 009 IND, 00:00-00:00 , , In Person Term Based; Kate
Harris ; 1-3 cr.

51929 010 IND, 00:00-00:00 , , In Person Term Based;
Karlyn Campbell ; 1-3 cr.

4204 Producing for Television: Theory and Practice

(Student Option; Prereq: 3201, 3204)
52703 001 FWK, 14:30-16:15 MW, Rarig Center Studio B, In
Person Term Based; Mark Neuman-Scott ; 4 cr.

4250 Environmental Communication

(A-F only; ENV)
52077 001 DIS, 00:00-00:00 , ONLINE, Completely Online;
Mark Pedelty ; 3 cr.
68017 002 DIS, 00:00-00:00 , ONLINE, Completely Online;
Mark Pedelty ; 3 cr.

4291 New Telecommunication Media

(A-F or Audit; Prereq: 3211 or instr consent)
51707 001 LEC, 11:15-12:30 TTh, Bruininks Hall 420A, In
Person Term Based; Gilbert Rodman ; 3 cr.

4471 Communication in Marriage and Family

(Student Option; Prereq: 3401 or 3402 or instr consent)
50808 001 LEC, 8:15- 9:30 TTh, Ford Hall B53, In Person
Term Based; Jeremy Rose ; 3 cr.

5221 Media, Race, and Identity

(Student Option; Prereq: 3211 or instr consent)
69447 001 LEC, 14:30-15:45 TTh, Ford Hall 110, In Person
Term Based; Gilbert Rodman ; 3 cr.

5261 Political Economy of Media Culture

(Student Option; Prereq: 3211 or instr consent)
69451 001 LEC, 11:15-12:30 MW, Ford Hall B10, In Person
Term Based; Mary Vavrus ; 3 cr.

5402 Advanced Interpersonal Communication

(Student Option; Prereq: 3401 or 3402)
69449 001 LEC, 13:00-14:15 MW, Ford Hall 115, In Person
Term Based; Susanne Jones ; 3 cr.

5411 Small Group Communication Research

(A-F or Audit; Prereq: 3411 or instr consent)
69448 001 LEC, 14:30-15:45 MW, Pillsbury Hall 125B, In
Person Term Based; Dean Hewes ; 3 cr.

5441 Communication in Human Organizations

(Student Option;)
50389 001 LEC, 18:00-21:00 W, Ford Hall B53, In Person
Term Based; Kate Harris ; 3 cr.
67976 301 LEC, Completely Online; Stephanie Galarneault ;
3 cr.

5617 History and Criticism of U.S. Public Discourse: 1630-1865

(Student Option; Prereq: Jr)
69450 001 LEC, 14:30-17:00 W, Ford Hall B80, In Person
Term Based; Karlyn Campbell ; 3 cr.

5970 Directed Study

(Student Option;)
49910 001 IND, 00:00-00:00 , , In Person Term Based; 1-3
cr.

5994 Communication Research Practicum

(S-N or Audit; Prereq: instr consent)
49948 001 IND, 00:00-00:00 , , In Person Term Based; 1-3
cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)
49911 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student,
adviser and DGS consent)
49912 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8611 Seminar: Rhetoric

(Student Option; Prereq: 5611 or instr consent)
69466 001 LEC, 13:25-16:25 T, Folwell Hall 118, In Person
Term Based; Ronald Greene ; 3 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who
has not passed prelim oral; no required consent for
1st/2nd registrations, up to 12 combined cr; dept
consent for 3rd/4th registrations, up to 24 combined
cr; doctoral student admitted before summer 2007 may
register up to four times, up to 60 combined cr)
49913 001 IND, 00:00-00:00 , , In Person Term Based; 1-6
cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester
or summer; 10 cr total required [Plan A only])
49914 001 IND, 00:00-00:00 , , In Person Term Based; 1-18
cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester
or summer; 24 cr required)
49915 001 IND, 00:00-00:00 , , In Person Term Based; 1-24
cr.

8910 Advanced Topics in Communication Studies

(Student Option;)
69784 002 LEC, 17:00-20:00 T, Nicholson Hall 325, In
Person Term Based; Meets With: 002 CL 8910002 CSDS
8910; Laurie Ouellette ; 3 cr.

8994 Directed Research

(Student Option;)
49949 001 FWK, 00:00-00:00 , , In Person Term Based; 1-3
cr.

Compar Study in Discourse/Soc (CSDS)**5305 Vision and Visuality: An Intellectual History**

(A-F only;)

70193 001 LEC, 13:30-16:30 T, Blegen Hall 110, In Person
Term Based; Meets With: 001 CSDL 5305001 CL 5305;
Keya Ganguly ; 3 cr.

5555 Introduction to Semiotics

(Student Option;)
66970 001 LEC, 14:30-15:45 MW, Nicholson Hall 125, In
Person Term Based; Meets With: 001 CSDL 5555001 CL
5555; Thomas Pepper ; 3 cr.

5993 Directed Study

(Student Option; Prereq: instr consent)
50882 001 IND, 00:00-00:00 , , In Person Term Based; 1-3
cr.

8002 Basic Research Seminar in Comparative Studies in Discourse and Society II

(Student Option;)
49330 001 LEC, 16:30-19:30 M, Folwell Hall 119, In Person
Term Based; Meets With: 001 CL 8002; Timothy Brennan ;
3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)
49540 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student,
adviser and DGS consent)
49565 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who
has not passed prelim oral; no required consent for
1st/2nd registrations, up to 12 combined cr; dept
consent for 3rd/4th registrations, up to 24 combined
cr; doctoral student admitted before summer 2007 may
register up to four times, up to 60 combined cr)
49587 001 IND, 00:00-00:00 , , In Person Term Based; 1-6
cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester
or summer; 24 cr required)
49639 001 IND, 00:00-00:00 , , In Person Term Based; 1-24
cr.

8901 Intro to the Profession: Critical Methods of Research, Pedagogy, and Creative Work in the Humanities

(Student Option; Prereq: Grad CSDS major)
52503 001 LEC, 13:30-16:30 T, Nicholson Hall 135, In
Person Term Based; Meets With: 001 CL 8901; Cesare
Casarino ; 3 cr.

8910 Advanced Topics in Comparative Studies in Discourse and Society

(Student Option;)
52123 001 LEC, 13:30-16:30 Th, Civil Engineering Bldg 213,
In Person Term Based; Meets With: 001 CL 8910; Keya
Ganguly ; 3 cr.

66974 002 LEC, 17:00-20:00 T, Nicholson Hall 325, In
Person Term Based; Meets With: 002 CL 8910002 COMM
8910; Laurie Ouellette ; 3 cr.

66976 004 LEC, 13:00-15:30 W, Nicholson Hall 325, In
Person Term Based; Meets With: 004 CL 8910; Richard
Leppert ; 3 cr.

8993 Directed Study in Comparative Studies in Discourse and Society

(Student Option; Prereq: instr consent)
49150 001 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.

8994 Directed Research in Comparative Studies in Discourse and Society

(Student Option; Prereq: instr consent)
49370 001 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.

Comparative & Molecular Biosci (CMB)**5571 Pathogenomics and Molecular Epidemiology - Learning to Fly (A-F only;)**

69812 001 LEC, 13:30-15:00 MW, Animal Science / Vet Med 295M, In Person Term Based; Meets With: 001 CMB 8571; Yinduo Ji, Tim Johnson ; 3 cr.

5594 Directed Research in Comparative and Molecular Biosciences

(Student Option; Prereq: Jr, instr consent)
45354 001 LAB, 00:00-00:00 , , In Person Term Based; Kent Reed ; 1-4 cr.

5910 Grantwriting: What Makes a Winning Proposal?

(Student Option;)
45402 001 LEC, 15:00-16:30 M, Veterinary Science 215, In Person Term Based; Meets With: 001 VMED 5910; Mark Rutherford ; 2 cr.

5912 Creativity in Research, Problem Solving, Influence, Teaching/Learning, Leadership and Communication

(Student Option;)
68908 001 DIS, 8:00-12:00 MTWTh, Veterinary Science 215, In Person Term Based; Alice Larson ; 1 cr.

8012 Basic Concepts in Skeletal Biology

(A-F only; Prereq: CMB grad student or instr consent)
45373 001 LEC, 10:10-12:05 Th, Moos Health Sci Tower 1-440, In Person Term Based; Kim Mansky ; 2 cr.

8100 Research Rotation in Comparative and Molecular Biosciences

(S-N only;)
45371 001 ROT, 00:00-00:00 , , In Person Term Based; Kent Reed ; 1 cr.

8303 Comparative Models of Disease

(A-F only; Prereq: Enrollment in a biological sciences grad program or instr consent)
45366 001 LEC, 13:00-13:50 TTh, Animal Science / Vet Med 295M, In Person Term Based; Hinh Ly ; 2 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
45355 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8394 Research in Comparative Biomedical Sciences

(Student Option; Prereq: Grad CMB major)
45356 001 IND, 00:00-00:00 , , In Person Term Based; Kent Reed ; 1-6 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
45357 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8550 Comparative and Molecular Biosciences Seminar

(S-N or Audit; Prereq: Biol sciences grad student)
45358 001 LEC, 12:00-13:00 Th, Veterinary Science 215, In Person Term Based; Meets With: 001 VMED 8550; Mark Rutherford ; 1 cr.

8560 Research and Literature Reports

(S-N or Audit;)
45359 001 LEC, 00:00-00:00 , , In Person Term Based; Kent Reed ; 1 cr.

8571 Pathogenomics and Molecular Epidemiology - Learning to Fly

(A-F only;)
69813 001 LEC, 13:30-15:00 MW, Animal Science / Vet Med 295M, In Person Term Based; Meets With: 001 CMB 5571; Yinduo Ji, Tim Johnson ; 3 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
45361 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
45362 001 IND, In Person Term Based; 1-24 cr.

8910 Statistical Principles of Research Design

(A-F only; Prereq: intro grad level stats course or it's equivalent)
69854 001 LEC, 9:00-10:30 TTh, Veterinary Science 215, In Person Term Based; Meets With: 001 VMED 8910; Aaron Rendahl ; 3 cr.

Comparative Literature (CL)

5305 Vision and Visuality: An Intellectual History

(A-F only;)
70192 001 LEC, 13:30-16:30 T, Blegen Hall 110, In Person Term Based; Meets With: 001 CSCL 5305001 CSDS 5305; Keya Ganguly ; 3 cr.

5555 Introduction to Semiotics

(Student Option;)
66971 001 LEC, 14:30-15:45 MW, Nicholson Hall 125, In Person Term Based; Meets With: 001 CSCL 5555001 CSDS 5555; Thomas Pepper ; 3 cr.

5992 Directed Reading in Comparative Literature

(Student Option; Prereq: instr consent)
49151 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8002 Basic Research Seminar in Comparative Literature II

(Student Option;)
49329 001 LEC, 16:30-19:30 M, Folwell Hall 119, In Person Term Based; Meets With: 001 CSDS 8002; Timothy Brennan ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
49539 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
49564 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
49586 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
49590 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8901 Intro to the Profession: Critical Methods of Research, Pedagogy, and Creative Work in the Humanities

(Student Option; Prereq: Grad comp lit major)
52502 001 LEC, 13:30-16:30 T, Nicholson Hall 135, In Person Term Based; Meets With: 001 CSDS 8901; Cesare Casarino ; 3 cr.

8910 Advanced Topics in Comparative Literature

(Student Option;)
52122 001 LEC, 13:30-16:30 Th, Civil Engineering Bldg 213, In Person Term Based; Meets With: 001 CSDS 8910; Keya Ganguly ; 3 cr.
52500 002 LEC, 17:00-20:00 T, Nicholson Hall 325, In Person Term Based; Meets With: 002 CSDS 8910002 COMM 8910; Laurie Ouellette ; 3 cr.
66973 004 LEC, 13:00-15:30 W, Nicholson Hall 325, In Person Term Based; Meets With: 004 CSDS 8910; Richard Leppert ; 3 cr.

8992 Directed Reading in Comparative Literature

(Student Option; Prereq: instr consent)
49149 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8994 Directed Research in Comparative Literature

(Student Option; Prereq: instr consent)
49369 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

Computer Science (CSC)

1001 Overview of Computer Science

(Student Option; Prereq: Non-CSci major, non-CompE major, non-EE major MATH, TS)
56440 001 LEC, 11:15-12:05 MWF, Vincent Hall 16, In Person Term Based; Chris Dovolis ; 4 cr.
56441 002 LAB, 12:20-14:15 M, Keller Hall 1-262, In Person Term Based; Chris Dovolis ; 4 cr.
56442 003 LAB, 14:30-16:25 M, Keller Hall 1-262, In Person Term Based; Chris Dovolis ; 4 cr.
57074 004 LAB, 16:40-18:35 M, Keller Hall 1-262, In Person Term Based; Chris Dovolis ; 4 cr.

1113 Introduction to C/C++ Programming for Scientists and Engineers

(Student Option; Prereq: Math 1271 or Math 1371 or Math 1571H or instr consent)
55238 001 LEC, 11:15-12:05 MWF, Smith Hall 100, In Person Term Based; Daniel Challou ; 4 cr.
55239 003 LAB, 17:45-20:45 M, Keller Hall 1-260, In Person Term Based; Daniel Challou ; 4 cr.
55240 004 LAB, 17:45-20:45 T, Keller Hall 1-250, In Person Term Based; Daniel Challou ; 4 cr.
55241 006 LAB, 12:20-15:20 W, Keller Hall 1-262, In Person Term Based; Daniel Challou ; 4 cr.
55242 005 LAB, 17:45-20:45 T, Keller Hall 1-260, In Person Term Based; Daniel Challou ; 4 cr.
55243 007 LAB, 17:45-20:45 W, Keller Hall 1-260, In Person Term Based; Daniel Challou ; 4 cr.
55245 023 LAB, 8:00-11:00 F, Keller Hall 1-260, In Person Term Based; James Parker ; 4 cr.
55246 024 LAB, 11:15-14:15 F, Keller Hall 1-260, In Person Term Based; James Parker ; 4 cr.
56424 002 LAB, 17:45-20:45 M, Keller Hall 1-250, In Person Term Based; Daniel Challou ; 4 cr.
56997 011 LAB, 8:00-11:00 Th, Keller Hall 1-250, In Person Term Based; Junaed Sattar ; 4 cr.
57306 012 LAB, 11:15-14:15 Th, Keller Hall 1-250, In Person Term Based; Junaed Sattar ; 4 cr.
57338 013 LAB, 14:30-17:30 Th, Keller Hall 1-250, In Person Term Based; Junaed Sattar ; 4 cr.
57425 010 LEC, 16:00-17:15 MW, Bruininks Hall 220, In Person Term Based; Junaed Sattar ; 4 cr.
57458 014 LAB, 17:45-20:45 Th, Keller Hall 1-250, In Person Term Based; Junaed Sattar ; 4 cr.
57459 008 LAB, 17:45-20:45 W, Keller Hall 1-262, In Person Term Based; Daniel Challou ; 4 cr.
67275 020 LEC, 18:30-21:00 T, Tate Hall 101, In Person Term Based; James Parker ; 4 cr.
67277 022 LAB, 17:45-20:45 W, Keller Hall 1-250, In Person Term Based; James Parker ; 4 cr.

1133 Introduction to Computing and Programming Concepts

(Student Option; Prereq: concurrent registration is required (or allowed) in MATH 1271 or concurrent registration is required (or allowed) in MATH 1371 or concurrent registration is required (or allowed) in MATH 1571H or instr consent)
57260 001 LEC, 10:10-11:00 MWF, Molecular Cellular Biol 3-120, In Person Term Based; Steve Jensen ; 4 cr.
57261 002 LAB, 8:00-9:55 Th, Keller Hall 1-262, In Person Term Based; Steve Jensen ; 4 cr.
57262 003 LAB, 10:10-12:05 Th, Keller Hall 1-262, In Person Term Based; Steve Jensen ; 4 cr.
57263 004 LAB, 12:20-14:15 Th, Keller Hall 1-262, In Person Term Based; Steve Jensen ; 4 cr.
57264 005 LAB, 14:30-16:25 Th, Keller Hall 1-262, In Person Term Based; Steve Jensen ; 4 cr.
57321 010 LEC, 18:30-21:00 W, Vincent Hall 16, In Person Term Based; Steve Jensen ; 4 cr.
57322 011 LAB, 18:50-20:45 Th, Keller Hall 1-262, In Person Term Based; Steve Jensen ; 4 cr.
57323 012 LAB, 11:15-13:10 F, Keller Hall 1-262, In Person Term Based; Steve Jensen ; 4 cr.
57362 013 LAB, 13:25-15:20 F, Keller Hall 1-262, In Person Term Based; Steve Jensen ; 4 cr.
57646 022 LAB, 10:10-12:05 Th, Keller Hall 1-260, In Person Term Based; Haiyi Zhu ; 4 cr.
57647 023 LAB, 12:20-14:15 Th, Keller Hall 1-260, In Person Term Based; Haiyi Zhu ; 4 cr.
57648 024 LAB, 14:30-16:25 Th, Keller Hall 1-260, In Person Term Based; Haiyi Zhu ; 4 cr.
57708 021 LAB, 8:00-9:55 Th, Keller Hall 1-260, In Person Term Based; Haiyi Zhu ; 4 cr.
57709 020 LEC, 10:10-11:00 MWF, Anderson Hall 370, In Person Term Based; Haiyi Zhu ; 4 cr.
57813 006 LAB, 16:40-18:35 Th, Keller Hall 1-262, In Person Term Based; Steve Jensen ; 4 cr.
66624 025 LAB, 16:40-18:35 Th, Keller Hall 1-260, In Person Term Based; Haiyi Zhu ; 4 cr.
70112 007 LAB, 9:05-11:00 F, Keller Hall 1-262, In Person Term Based; Steve Jensen ; 4 cr.

1913 Introduction to Algorithms, Data Structures, and Program Development

(Student Option; Prereq: (EE major and EE 1301) or (CmpE major and EE 1301) or 1103 or 1113 or instr consent)

57258 001 LEC, 14:30-15:20 MWF, Keller Hall 3-210, In Person Term Based; James Moen ; 4 cr.
 57259 003 LAB, 10:10-12:05 T, Keller Hall 1-260, In Person Term Based; James Moen ; 4 cr.
 57340 004 LAB, 12:20-14:15 T, Keller Hall 1-260, In Person Term Based; James Moen ; 4 cr.
 57453 005 LAB, 14:30-16:25 T, Keller Hall 1-260, In Person Term Based; James Moen ; 4 cr.
 57460 006 LAB, 8:00- 9:55 W, Keller Hall 1-260, In Person Term Based; James Moen ; 4 cr.
 57612 007 LAB, 10:10-12:05 W, Keller Hall 1-260, In Person Term Based; James Moen ; 4 cr.
 57649 002 LAB, 8:00- 9:55 T, Keller Hall 1-260, In Person Term Based; James Moen ; 4 cr.
 68058 010 LEC, 11:15-12:05 MWF, Mechanical Engineering 108, In Person Term Based; James Moen ; 4 cr.
 68059 011 LAB, 13:25-15:20 M, Keller Hall 1-260, In Person Term Based; James Moen ; 4 cr.
 68060 012 LAB, 15:35-17:30 M, Keller Hall 1-260, In Person Term Based; James Moen ; 4 cr.

1933 Introduction to Algorithms and Data Structures

(Student Option; Prereq: 1133 or instr consent)

57324 001 LEC, 14:30-15:20 MWF, Willey Hall 125, In Person Term Based; Meets With: 001 CSCI 1933H; Chris Dovolis ; 4 cr.
 57325 002 LAB, 8:00- 9:55 T, Keller Hall 1-262, In Person Term Based; Chris Dovolis ; 4 cr.
 57326 003 LAB, 10:10-12:05 T, Keller Hall 1-262, In Person Term Based; Chris Dovolis ; 4 cr.
 57327 004 LAB, 14:30-16:25 T, Keller Hall 1-262, In Person Term Based; Chris Dovolis ; 4 cr.
 57328 005 LAB, 8:00- 9:55 W, Keller Hall 1-262, In Person Term Based; Chris Dovolis ; 4 cr.
 57329 006 LAB, 10:10-12:05 W, Keller Hall 1-262, In Person Term Based; Chris Dovolis ; 4 cr.
 57341 010 LEC, 18:30-21:00 Th, Akerman Hall 319, In Person Term Based; Chris Dovolis ; 4 cr.
 57342 011 LAB, 16:40-18:35 T, Keller Hall 1-262, In Person Term Based; Chris Dovolis ; 4 cr.
 57343 012 LAB, 18:50-20:45 T, Keller Hall 1-262, In Person Term Based; Chris Dovolis ; 4 cr.

1933H Honors Introduction to Algorithms and Data Structures

(A-F only; Prereq: [1133 or 1133H] and honors student, or instr consent)

57811 001 LEC, 14:30-15:20 MWF, Willey Hall 125, In Person Term Based; Meets With: 001 CSCI 1933; Chris Dovolis ; 4 cr.
 57815 002 LAB, 12:20-14:15 T, Keller Hall 1-262, In Person Term Based; Chris Dovolis ; 4 cr.

2011 Discrete Structures of Computer Science

(Student Option; Prereq: MATH 1271 or MATH 1371 or instr consent)

55247 001 LEC, 9:05- 9:55 MWF, Willey Hall 125, In Person Term Based; James Moen ; 4 cr.
 55248 002 DIS, 8:00- 8:50 T, Ford Hall 150, In Person Term Based; James Moen ; 4 cr.
 55249 003 DIS, 9:05- 9:55 T, Keller Hall 3-115, In Person Term Based; James Moen ; 4 cr.
 56530 004 DIS, 10:10-11:00 T, Bruininks Hall 131A, In Person Term Based; James Moen ; 4 cr.
 57076 005 DIS, 11:15-12:05 T, Molecular Cellular Biol 2-120, In Person Term Based; James Moen ; 4 cr.
 57132 006 DIS, 12:20-13:10 T, Molecular Cellular Biol 2-120, In Person Term Based; James Moen ; 4 cr.
 57368 007 DIS, 13:25-14:15 T, Molecular Cellular Biol 2-122, In Person Term Based; James Moen ; 4 cr.
 57461 010 LEC, 18:30-21:00 W, Bruininks Hall 220, In Person Term Based; Phillip Barry ; 4 cr.
 57462 011 DIS, 14:30-15:20 M, Amundson Hall 240, In Person Term Based; Phillip Barry ; 4 cr.
 57463 012 DIS, 15:35-16:25 M, Ford Hall 150, In Person Term Based; Phillip Barry ; 4 cr.
 57651 013 DIS, 16:40-17:30 M, Keller Hall 2-260, In Person Term Based; Phillip Barry ; 4 cr.
 66646 014 DIS, 17:45-18:35 M, Keller Hall 2-260, In Person Term Based; Phillip Barry ; 4 cr.
 66647 015 DIS, 18:50-19:40 M, Keller Hall 2-260, In Person Term Based; Phillip Barry ; 4 cr.

2011H Honors Discrete Structures of Computer Science

(A-F only; Prereq: [MATH 1271 or MATH 1371 or MATH 1571H], honors student.)

57256 001 LEC, 9:05- 9:55 MWF, Amundson Hall 240, In Person Term Based; Volkan Isler ; 4 cr.

57257 002 DIS, 9:05- 9:55 T, Amundson Hall 240, In Person Term Based; Volkan Isler ; 4 cr.

2021 Machine Architecture and Organization

(Student Option; Prereq: 1913 or 1933 or instr consent)

55250 001 LEC, 12:20-13:10 MWF, Keller Hall 3-210, In Person Term Based; Christopher Kauffman ; 4 cr.
 55251 003 DIS, 9:05- 9:55 Th, Amundson Hall 240, In Person Term Based; Christopher Kauffman ; 4 cr.
 55252 004 DIS, 10:10-11:00 Th, Amundson Hall 240, In Person Term Based; Christopher Kauffman ; 4 cr.
 55992 002 DIS, 8:00- 8:50 Th, Ford Hall 130, In Person Term Based; Christopher Kauffman ; 4 cr.
 57396 010 LEC, 15:35-16:25 MWF, Keller Hall 3-210, In Person Term Based; Christopher Kauffman ; 4 cr.
 57473 011 DIS, 13:25-14:15 Th, Amundson Hall 240, In Person Term Based; Christopher Kauffman ; 4 cr.
 57474 012 DIS, 14:30-15:20 Th, Amundson Hall 240, In Person Term Based; Christopher Kauffman ; 4 cr.
 57475 013 DIS, 15:35-16:25 Th, Amundson Hall 240, In Person Term Based; Christopher Kauffman ; 4 cr.
 57652 005 DIS, 11:15-12:05 Th, Amundson Hall 240, In Person Term Based; Christopher Kauffman ; 4 cr.
 66652 014 DIS, 16:40-17:30 Th, Amundson Hall 240, In Person Term Based; Christopher Kauffman ; 4 cr.

2033 Elementary Computational Linear Algebra

(Student Option; Prereq: [MATH 1271 or MATH 1371], [1113 or 1133 or knowledge of programming concepts])

57018 001 LEC, 10:10-11:00 MWF, Blegen Hall 10, In Person Term Based; Yousef Saad ; 4 cr.
 57019 002 DIS, 10:10-11:00 T, Amundson Hall 240, In Person Term Based; Yousef Saad ; 4 cr.
 57020 003 DIS, 11:15-12:05 T, Amundson Hall 240, In Person Term Based; Yousef Saad ; 4 cr.
 57021 004 DIS, 12:20-13:10 T, Amundson Hall 240, In Person Term Based; Yousef Saad ; 4 cr.
 57500 013 DIS, 15:35-16:25 T, Amundson Hall 240, In Person Term Based; Victoria Interrante ; 4 cr.
 57501 011 DIS, 13:25-14:15 T, Amundson Hall 240, In Person Term Based; Victoria Interrante ; 4 cr.
 57502 012 DIS, 14:30-15:20 T, Amundson Hall 240, In Person Term Based; Victoria Interrante ; 4 cr.
 66660 010 LEC, 13:25-14:15 MWF, Vincent Hall 16, In Person Term Based; Victoria Interrante ; 4 cr.

2041 Advanced Programming Principles

(Student Option; Prereq: [1913 or 1933], 2011)

57345 001 LEC, 13:25-14:15 MWF, Keller Hall 3-210, In Person Term Based; Eric Van Wyk ; 4 cr.
 57346 002 LAB, 8:00- 8:50 T, Keller Hall 1-250, In Person Term Based; Eric Van Wyk ; 4 cr.
 57347 003 LAB, 9:05- 9:55 T, Keller Hall 1-250, In Person Term Based; Eric Van Wyk ; 4 cr.
 57348 004 LAB, 10:10-11:00 T, Keller Hall 1-250, In Person Term Based; Eric Van Wyk ; 4 cr.
 57349 005 LAB, 11:15-12:05 T, Keller Hall 1-250, In Person Term Based; Eric Van Wyk ; 4 cr.
 57350 006 LAB, 12:20-13:10 T, Keller Hall 1-250, In Person Term Based; Eric Van Wyk ; 4 cr.
 57351 007 LAB, 13:25-14:15 T, Keller Hall 1-250, In Person Term Based; Eric Van Wyk ; 4 cr.
 57613 008 LAB, 14:30-15:20 T, Keller Hall 1-250, In Person Term Based; Eric Van Wyk ; 4 cr.
 57653 010 LEC, 15:35-16:25 MWF, Mechanical Engineering 18, In Person Term Based; Eric Van Wyk ; 4 cr.
 57654 011 LAB, 15:35-16:25 T, Keller Hall 1-250, In Person Term Based; Eric Van Wyk ; 4 cr.
 57655 012 LAB, 16:40-17:30 T, Keller Hall 1-250, In Person Term Based; Eric Van Wyk ; 4 cr.
 57707 013 LAB, 16:40-17:30 T, Keller Hall 1-260, In Person Term Based; Eric Van Wyk ; 4 cr.

3003 Introduction to Computing in Biology

(Student Option; Prereq: introductory biology course.)

67363 001 LEC, 14:30-15:45 TTh, Smith Hall 231, In Person Term Based; Meets With: 001 CSCI 5465; Chad Myers ; 3 cr.
 67364 002 LAB, 12:20-14:15 W, Keller Hall 1-250, In Person Term Based; Chad Myers ; 3 cr.
 68955 003 LAB, 10:10-12:05 W, Keller Hall 1-250, In Person Term Based; Chad Myers ; 3 cr.

3081W Program Design and Development

(Student Option; Prereq: [2021, 2041]; CS upper div, CS grad, Univ. honors student, or dept. permissionW)

55891 001 LEC, 9:45-11:00 TTh, Bruininks Hall 330, In Person Term Based; Amy Larson ; 4 cr.
 55892 002 DIS, 8:00- 8:50 F, Keller Hall 1-250, In Person Term Based; Amy Larson ; 4 cr.
 55893 003 DIS, 9:05- 9:55 F, Keller Hall 1-250, In Person Term Based; Amy Larson ; 4 cr.
 56998 004 DIS, 10:10-11:00 F, Keller Hall 1-250, In Person Term Based; Amy Larson ; 4 cr.

57077 011 DIS, 11:15-12:05 F, Keller Hall 1-250, In Person Term Based; Kevin Wendt ; 4 cr.
 57344 012 DIS, 12:20-13:10 F, Keller Hall 1-250, In Person Term Based; Kevin Wendt ; 4 cr.
 57363 010 LEC, 14:30-15:45 TTh, Fraser Hall 101, In Person Term Based; Kevin Wendt ; 4 cr.
 57364 013 DIS, 13:25-14:15 F, Keller Hall 1-250, In Person Term Based; Kevin Wendt ; 4 cr.
 57814 014 DIS, 14:30-15:20 F, Keller Hall 1-250, In Person Term Based; Kevin Wendt ; 4 cr.

3970 Industrial Student Co-op Assignment (S-N or Audit; Prereq: CSci, in co-op program, instr consent)

55587 001 FWK, 00:00-00:00 , , Independent/Directed Study; 2 cr.

4011 Formal Languages and Automata Theory

(Student Option; Prereq: 2041 or instr consent)

55183 001 LEC, 14:30-15:45 TTh, Bruininks Hall 220, In Person Term Based; Nicholas Hopper ; 4 cr.
 55184 002 DIS, 12:20-13:10 F, Ford Hall 150, In Person Term Based; Nicholas Hopper ; 4 cr.
 55185 003 DIS, 13:25-14:15 F, Amundson Hall 240, In Person Term Based; Nicholas Hopper ; 4 cr.
 57190 004 DIS, 14:30-15:20 F, Amundson Hall 240, In Person Term Based; Nicholas Hopper ; 4 cr.

4041 Algorithms and Data Structures

(Student Option; Prereq: [(1913 or 1933) and 2011] or instr consent; cannot be taken for grad CSci cr)

55253 001 LEC, 13:00-14:15 TTh, Keller Hall 3-210, In Person Term Based; Carl Sturivant ; 4 cr.
 55254 003 DIS, 10:10-11:00 F, Ford Hall 130, In Person Term Based; Carl Sturivant ; 4 cr.
 55993 002 DIS, 9:05- 9:55 F, Ford Hall 130, In Person Term Based; Carl Sturivant ; 4 cr.
 56722 004 DIS, 11:15-12:05 F, Ford Hall 150, In Person Term Based; Carl Sturivant ; 4 cr.
 56999 005 DIS, 12:20-13:10 F, Ford Hall 130, In Person Term Based; Carl Sturivant ; 4 cr.
 57057 006 DIS, 13:25-14:15 F, Ford Hall 150, In Person Term Based; Carl Sturivant ; 4 cr.
 57464 007 DIS, 14:30-15:20 F, Ford Hall 130, In Person Term Based; Carl Sturivant ; 4 cr.
 57656 010 LEC, 18:30-21:00 M, Keller Hall 3-210, In Person Term Based; Carl Sturivant ; 4 cr.
 57657 011 DIS, 15:35-16:25 Th, Peik Hall 155, In Person Term Based; Carl Sturivant ; 4 cr.
 57658 012 DIS, 16:40-17:30 Th, Molecular Cellular Biol 2-120, In Person Term Based; Carl Sturivant ; 4 cr.
 57812 013 DIS, 17:45-18:35 Th, Molecular Cellular Biol 2-120, In Person Term Based; Carl Sturivant ; 4 cr.
 66738 014 DIS, 18:50-19:40 Th, Molecular Cellular Biol 2-120, In Person Term Based; Carl Sturivant ; 4 cr.
 70167 015 DIS, 14:30-15:20 Th, Ford Hall 130, In Person Term Based; Carl Sturivant ; 4 cr.

4061 Introduction to Operating Systems

(Student Option; Prereq: 2021 or EE 2361; CS upper div, CS minor, CompE upper div., EE upper div., EE grad, ITI upper div., Univ. honors student, or dept. permission; no cr for grads in CSci.)

55180 001 LEC, 8:15- 9:30 TTh, Keller Hall 3-230, In Person Term Based; Abhishek Chandra ; 4 cr.
 55181 003 DIS, 9:05- 9:55 M, Keller Hall 1-250, In Person Term Based; Abhishek Chandra ; 4 cr.
 55182 004 DIS, 10:10-11:00 M, Keller Hall 1-250, In Person Term Based; Abhishek Chandra ; 4 cr.
 55988 002 DIS, 8:00- 8:50 M, Keller Hall 1-250, In Person Term Based; Abhishek Chandra ; 4 cr.
 56922 011 DIS, 11:15-12:05 M, Keller Hall 1-250, In Person Term Based; Abhishek Chandra ; 4 cr.
 57133 012 DIS, 12:20-13:10 M, Keller Hall 1-250, In Person Term Based; Abhishek Chandra ; 4 cr.
 57476 010 LEC, 11:15-12:30 TTh, Keller Hall 3-210, In Person Term Based; Abhishek Chandra ; 4 cr.
 57477 014 DIS, 14:30-15:20 M, Keller Hall 1-250, In Person Term Based; Abhishek Chandra ; 4 cr.
 57478 015 DIS, 15:35-16:25 M, Keller Hall 1-250, In Person Term Based; Abhishek Chandra ; 4 cr.
 57611 013 DIS, 13:25-14:15 M, Keller Hall 1-250, In Person Term Based; Abhishek Chandra ; 4 cr.
 57659 016 DIS, 16:40-17:30 M, Keller Hall 1-250, In Person Term Based; Abhishek Chandra ; 4 cr.

4131 Internet Programming

(Student Option; Prereq: 4061, 4211 recommended, cannot be taken for grad CSci cr)

55821 001 LEC, 9:45-11:00 TTh, Amundson Hall B75, In Person Term Based; Daniel Challou ; 3 cr.

4203 Computer Architecture

(Student Option; Prereq: 2021 or instr consent)

55179 001 LEC, 9:45-11:00 TTh, Keller Hall 3-230, In Person Term Based; Meets With: 001 EE 4363; Ulya Karpuzcu ; 4 cr.

4211 Introduction to Computer Networks
(Student Option; Prereq: 4061 or instr consent; basic knowledge of [computer architecture, operating systems] recommended, cannot be taken for grad CSci cr)

57255 001 LEC, 9:45-11:00 MW, Vincent Hall 16, In Person Term Based; Zhi-Li Zhang ; 3 cr.

4511W Introduction to Artificial Intelligence
(Student Option; Prereq: 2041 or instr consent)

56946 001 LEC, 16:00-17:15 TTh, Amundson Hall B75, In Person Term Based; Maria Gini ; 4 cr.
66739 002 LEC, 11:15-12:30 TTh, Vincent Hall 16, In Person Term Based; James Parker ; 4 cr.

4611 Programming Interactive Computer Graphics and Games

(Student Option; Prereq: 2021 or instr consent)

57312 001 LEC, 16:00-17:15 MW, Keller Hall 3-230, In Person Term Based; Daniel Keefe ; 3 cr.

4707 Practice of Database Systems

(Student Option; Prereq: 4041 or instr consent)

57134 001 LEC, 13:00-14:15 TTh, Fraser Hall 101, In Person Term Based; Jaideep Srivastava ; 3 cr.

4950 Senior Software Project

(A-F only; Prereq: Upper div CSci, instr consent)

56938 001 DIS, 00:00-00:00 , In Person Term Based; Travis Galloway, Jeff Lemmerman, Jacob Hackl, Amit Thakore ; 3 cr.

4970W Advanced Project Laboratory

(Student Option; Prereq: Upper div CSci, 4061, instr consent; cannot be taken for grad crWJ)

55549 001 IND, 00:00-00:00 , In Person Term Based; ; 3 cr.
56046 002 IND, 00:00-00:00 , In Person Term Based; Daniel Boley ; 3 cr.

56047 003 IND, 00:00-00:00 , In Person Term Based; John Rarlis ; 3 cr.

56048 004 IND, 00:00-00:00 , In Person Term Based; Arindam Banerjee ; 3 cr.

56049 005 IND, 00:00-00:00 , In Person Term Based; ; 3 cr.

56050 006 IND, 00:00-00:00 , In Person Term Based; ; 3 cr.

56051 007 IND, 00:00-00:00 , In Person Term Based; David Du ; 3 cr.

56052 008 IND, 00:00-00:00 , In Person Term Based; Tian He ; 3 cr.

56053 009 IND, 00:00-00:00 , In Person Term Based; Maria Gini ; 3 cr.

56054 010 IND, 00:00-00:00 , In Person Term Based; Mats Heimdahl ; 3 cr.

56055 011 IND, 00:00-00:00 , In Person Term Based; Stephen Guy ; 3 cr.

56056 012 IND, 00:00-00:00 , In Person Term Based; Victoria Interrante ; 3 cr.

56057 013 IND, 00:00-00:00 , In Person Term Based; Ravi Janardan ; 3 cr.

56058 014 IND, 00:00-00:00 , In Person Term Based; George Karypis ; 3 cr.

56059 015 IND, 00:00-00:00 , In Person Term Based; Dan Knights ; 3 cr.

56060 016 IND, 00:00-00:00 , In Person Term Based; Joseph Konstan ; 3 cr.

56061 017 IND, 00:00-00:00 , In Person Term Based; Vipin Kumar ; 3 cr.

56062 018 IND, 00:00-00:00 , In Person Term Based; Rui Kuang ; 3 cr.

56063 019 IND, 00:00-00:00 , In Person Term Based; Gary Meyer ; 3 cr.

56064 020 IND, 00:00-00:00 , In Person Term Based; Gopalan Nadathur ; 3 cr.

56065 021 IND, 00:00-00:00 , In Person Term Based; Mohamed Mokbel ; 3 cr.

56066 022 IND, 00:00-00:00 , In Person Term Based; Nikolaos Papanikolopoulos ; 3 cr.

56067 023 IND, 00:00-00:00 , In Person Term Based; Chad Myers ; 3 cr.

56068 024 IND, 00:00-00:00 , In Person Term Based; Stephen McCamant ; 3 cr.

56069 025 IND, 00:00-00:00 , In Person Term Based; Stergios Roumeliotis ; 3 cr.

56070 026 IND, 00:00-00:00 , In Person Term Based; Yousef Saad ; 3 cr.

56071 027 IND, 00:00-00:00 , In Person Term Based; Paul Schrater ; 3 cr.

56072 028 IND, 00:00-00:00 , In Person Term Based; Hyun Soo Park ; 3 cr.

56073 029 IND, 00:00-00:00 , In Person Term Based; Shashi Shekhar ; 3 cr.

56074 030 IND, 00:00-00:00 , In Person Term Based; Rahul Narain ; 3 cr.

56075 031 IND, 00:00-00:00 , In Person Term Based; Jaideep Srivastava ; 3 cr.

56076 032 IND, 00:00-00:00 , In Person Term Based; Kangjie Lu ; 3 cr.

56077 033 IND, 00:00-00:00 , In Person Term Based; Junaed Sattar ; 3 cr.

56078 034 IND, 00:00-00:00 , In Person Term Based; Loren Terveen ; 3 cr.

56079 035 IND, 00:00-00:00 , In Person Term Based; Anand Tripathi ; 3 cr.

56080 036 IND, 00:00-00:00 , In Person Term Based; Eric Van Wyk ; 3 cr.

56081 037 IND, 00:00-00:00 , In Person Term Based; Volkan Isler ; 3 cr.

56082 038 IND, 00:00-00:00 , In Person Term Based; Jon Weissman ; 3 cr.

56083 039 IND, 00:00-00:00 , In Person Term Based; Pen-Chung Yew ; 3 cr.

56084 040 IND, 00:00-00:00 , In Person Term Based; Zhi-Li Zhang ; 3 cr.

56470 041 IND, 00:00-00:00 , In Person Term Based; Abhishek Chandra ; 3 cr.

56471 042 IND, 00:00-00:00 , In Person Term Based; Nicholas Hopper ; 3 cr.

56472 043 IND, 00:00-00:00 , In Person Term Based; Antonia Zhai ; 3 cr.

56858 044 IND, 00:00-00:00 , In Person Term Based; Daniel Keefe ; 3 cr.

57434 045 IND, 00:00-00:00 , In Person Term Based; Lana Yarosh ; 3 cr.

57604 046 IND, 00:00-00:00 , In Person Term Based; Haiyi Zhu ; 3 cr.

57786 047 IND, In Person Term Based; Qi Zhao ; 3 cr.

4994H Honors Thesis

(A-F only; Prereq: Honors student, instr consent)

57033 001 IND, 00:00-00:00 , Independent/Directed Study; 1-3 cr.

5103 Operating Systems

(Student Option; Prereq: 4061 or instr consent)

57078 001 LEC, 13:00-14:15 MW, Mechanical Engineering 212, In Person Term Based; Anand Tripathi ; 3 cr.

57099 883 LEC, 13:00-14:15 MW, ONLINE, Completely Online; Anand Tripathi ; 3 cr.

5105 Introduction to Distributed Systems

(Student Option; Prereq: [5103 or equiv] or instr consent)

57079 001 LEC, 14:30-15:45 TTh, Keller Hall 3-111, In Person Term Based; Jon Weissman ; 3 cr.

57102 883 LEC, 14:30-15:45 TTh, ONLINE, Completely Online; Jon Weissman ; 3 cr.

5115 User Interface Design, Implementation and Evaluation

(Student Option; Prereq: 4041 or instr consent)

57467 001 LEC, 16:00-17:15 TTh, Akerman Hall 319, In Person Term Based; Lana Yarosh ; 3 cr.

5125 Collaborative and Social Computing

(Student Option; Prereq: 5115 or instr consent)

57357 001 LEC, 9:45-11:00 MW, Keller Hall 3-111, In Person Term Based; Loren Terveen ; 3 cr.

57371 883 LEC, 9:45-11:00 MW, ONLINE, Completely Online; Loren Terveen ; 3 cr.

5143 Real-Time and Embedded Systems

(A-F only; Prereq: [4061 or instr consent], experience with C language)

67362 001 LEC, 18:30-21:00 T, Keller Hall 2-260, In Person Term Based; Amy Larson ; 3 cr.

5302 Analysis of Numerical Algorithms

(Student Option; Prereq: 2031 or 2033 or instr consent)

55178 001 LEC, 16:00-17:15 TTh, Keller Hall 3-111, In Person Term Based; Daniel Boley ; 3 cr.

56397 883 LEC, 16:00-17:15 TTh, ONLINE, Completely Online; Daniel Boley ; 3 cr.

5421 Advanced Algorithms and Data Structures

(Student Option; Prereq: 4041 or instr consent)

55790 001 LEC, 18:30-21:00 W, Keller Hall 3-210, In Person Term Based; Carl Sturivant ; 3 cr.

56391 883 LEC, 18:30-21:00 W, ONLINE, Completely Online; Carl Sturivant ; 3 cr.

5451 Introduction to Parallel Computing: Architectures, Algorithms, and Programming

(Student Option; Prereq: 4041 or instr consent)

56929 001 LEC, 8:15- 9:30 TTh, Keller Hall 3-111, In Person Term Based; George Karypis ; 3 cr.

56940 883 LEC, 8:15- 9:30 TTh, ONLINE, Completely Online; George Karypis ; 3 cr.

5465 Introduction to Computing for Biologists

(Student Option; Prereq: Introductory biology course; non-CSE students only.)

70535 001 LEC, 14:30-15:45 TTh, Smith Hall 231, In Person Term Based; Meets With: 001 CSCI 3003; Chad Myers ; 3 cr.

70539 883 LEC, 14:30-15:45 TTh, ONLINE, Completely Online; Chad Myers ; 3 cr.

5512 Artificial Intelligence II

(Student Option; Prereq: [STAT 3021, 4041] or instr consent)

57049 001 LEC, 13:00-14:15 TTh, Mechanical Engineering 108, In Person Term Based; Paul Schrater ; 3 cr.

57108 883 LEC, 13:00-14:15 TTh, ONLINE, Completely Online; Paul Schrater ; 3 cr.

5521 Introduction to Machine Learning

(Student Option; Prereq: [[2031 or 2033], STAT 3021] or instr consent)

57472 001 LEC, 9:45-11:00 TTh, Mechanical Engineering 108, In Person Term Based; Vipin Kumar ; 3 cr.

57516 883 LEC, 9:45-11:00 TTh, ONLINE, Completely Online; Rui Kuang ; 3 cr.

67327 002 LEC, 14:30-15:45 TTh, Tate Hall 105, In Person Term Based; Rui Kuang ; 3 cr.

5523 Introduction to Data Mining

(Student Option; Prereq: 4041 or equiv or instr consent)

57465 001 LEC, 14:30-15:45 MW, Keller Hall 3-230, In Person Term Based; Vipin Kumar ; 3 cr.

57519 883 LEC, 14:30-15:45 MW, ONLINE, Completely Online; Vipin Kumar ; 3 cr.

5552 Sensing and Estimation in Robotics

(Student Option; Prereq: [5551, Stat 3021] or instr consent)

66748 001 LEC, 13:00-14:15 MW, Keller Hall 3-125, In Person Term Based; Volkan Isler ; 3 cr.

67408 883 LEC, 13:00-14:15 MW, ONLINE, Completely Online; Volkan Isler ; 3 cr.

5561 Computer Vision

(Student Option; Prereq: 5511 or instr consent)

55366 001 LEC, 11:15-12:30 TTh, Keller Hall 3-111, In Person Term Based; Nikolaos Papanikolopoulos ; 3 cr.

56394 883 LEC, 11:15-12:30 TTh, ONLINE, Completely Online; Nikolaos Papanikolopoulos ; 3 cr.

5608 Fundamentals of Computer Graphics II

(Student Option; Prereq: 5607 or instr consent)

66749 001 LEC, 8:15- 9:30 MW, Keller Hall 3-115, In Person Term Based; Gary Meyer ; 3 cr.

67410 883 LEC, 8:15- 9:30 MW, ONLINE, Completely Online; Gary Meyer ; 3 cr.

5611 Animation & Planning in Games

(Student Option; Prereq: 4041 or 4611 or instr consent)

57702 001 LEC, 13:00-14:15 MW, Mechanical Engineering 108, In Person Term Based; Stephen Guy ; 3 cr.

57757 883 LEC, 13:00-14:15 MW, ONLINE, Completely Online; Stephen Guy ; 3 cr.

5708 Architecture and Implementation of Database Management Systems

(Student Option; Prereq: 4707 or 5707 or instr consent)

55186 001 LEC, 13:00-14:15 TTh, Keller Hall 3-111, In Person Term Based; Shashi Shekhar ; 3 cr.

56430 883 LEC, 13:00-14:15 TTh, ONLINE, Completely Online; Shashi Shekhar ; 3 cr.

5801 Software Engineering I

(Student Option; Prereq: 2041 or instr consent)

57358 001 LEC, 9:45-11:00 MW, Keller Hall 3-230, In Person Term Based; Shana Watters ; 3 cr.

57374 883 LEC, 9:45-11:00 MW, ONLINE, Completely Online; Shana Watters ; 3 cr.

5802 Software Engineering II

(Student Option; Prereq: 5801 or instr consent)

56819 001 LEC, 11:15-12:30 MW, Keller Hall 3-111, In Person Term Based; Sanjai Rayadurgam ; 3 cr.

56839 883 LEC, 11:15-12:30 MW, ONLINE, Completely Online; Sanjai Rayadurgam ; 3 cr.

5980 Special Topics in Computer Science
(Student Option; Prereq: instr consent; may be repeated for cr)

69541 001 LEC, 16:00-17:15 MW, Ford Hall B15, In Person Term Based; Hyun Soo Park ; 1-3 cr.

65943 002 LEC, 9:45-11:00 TTh, Bruininks Hall 530B, In Person Term Based; Jaideep Srivastava; 1-3 cr.

5991 Independent Study

(Student Option; Prereq: instr consent; may be repeated for cr)

55475 001 IND, 00:00-00:00 , , Independent/Directed Study; Max Harper; 1-3 cr.
 56085 002 IND, 00:00-00:00 , , Independent/Directed Study; Daniel Boley; 1-3 cr.
 56086 003 IND, 00:00-00:00 , , Independent/Directed Study; John Carlis; 1-3 cr.
 56087 004 IND, 00:00-00:00 , , Independent/Directed Study; Arindam Banerjee; 1-3 cr.
 56088 005 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.
 56089 006 IND, 00:00-00:00 , , Independent/Directed Study; Chris Dovolis; 1-3 cr.
 56090 007 IND, 00:00-00:00 , , Independent/Directed Study; David Du; 1-3 cr.
 56091 008 IND, 00:00-00:00 , , Independent/Directed Study; Tian He; 1-3 cr.
 56092 009 IND, 00:00-00:00 , , Independent/Directed Study; Maria Gini; 1-3 cr.
 56093 010 IND, 00:00-00:00 , , Independent/Directed Study; Mats Heimdahl; 1-3 cr.
 56094 011 IND, 00:00-00:00 , , Independent/Directed Study; Stephen Guy; 1-3 cr.
 56095 012 IND, 00:00-00:00 , , Independent/Directed Study; Victoria Interrante; 1-3 cr.
 56096 013 IND, 00:00-00:00 , , Independent/Directed Study; Ravi Janardan; 1-3 cr.
 56097 014 IND, 00:00-00:00 , , Independent/Directed Study; George Karypis; 1-3 cr.
 56098 015 IND, 00:00-00:00 , , Independent/Directed Study; Dan Knights; 1-3 cr.
 56099 016 IND, 00:00-00:00 , , Independent/Directed Study; Joseph Konstan; 1-3 cr.
 56100 017 IND, 00:00-00:00 , , Independent/Directed Study; Vipin Kumar; 1-3 cr.
 56101 018 IND, 00:00-00:00 , , Independent/Directed Study; Rui Kuang; 1-3 cr.
 56102 019 IND, 00:00-00:00 , , Independent/Directed Study; Gary Meyer; 1-3 cr.
 56103 020 IND, 00:00-00:00 , , Independent/Directed Study; Gopalan Nadathur; 1-3 cr.
 56104 021 IND, 00:00-00:00 , , Independent/Directed Study; Mohamed Mokbel; 1-3 cr.
 56105 022 IND, 00:00-00:00 , , Independent/Directed Study; Nikolaos Papanikolopoulos; 1-3 cr.
 56106 023 IND, 00:00-00:00 , , Independent/Directed Study; Chad Myers; 1-3 cr.
 56107 024 IND, 00:00-00:00 , , Independent/Directed Study; Stephen McCamant; 1-3 cr.
 56108 025 IND, 00:00-00:00 , , Independent/Directed Study; Stergios Roumeliotis; 1-3 cr.
 56109 026 IND, 00:00-00:00 , , Independent/Directed Study; Yousef Saad; 1-3 cr.
 56110 027 IND, 00:00-00:00 , , Independent/Directed Study; Paul Schrater; 1-3 cr.
 56111 028 IND, 00:00-00:00 , , Independent/Directed Study; Hyun Soo Park; 1-3 cr.
 56112 029 IND, 00:00-00:00 , , Independent/Directed Study; Shashi Shekhar; 1-3 cr.
 56113 030 IND, 00:00-00:00 , , Independent/Directed Study; Rahul Narain; 1-3 cr.
 56114 031 IND, 00:00-00:00 , , Independent/Directed Study; Jaideep Srivastava; 1-3 cr.
 56115 032 IND, 00:00-00:00 , , Independent/Directed Study; Kangjie Lu; 1-3 cr.
 56116 033 IND, 00:00-00:00 , , Independent/Directed Study; Junaed Sattar; 1-3 cr.
 56117 034 IND, 00:00-00:00 , , Independent/Directed Study; Loren Terveen; 1-3 cr.
 56118 035 IND, 00:00-00:00 , , Independent/Directed Study; Anand Tripathi; 1-3 cr.
 56119 036 IND, 00:00-00:00 , , Independent/Directed Study; Eric Van Wyk; 1-3 cr.
 56120 037 IND, 00:00-00:00 , , Independent/Directed Study; Volkan Isler; 1-3 cr.
 56121 038 IND, 00:00-00:00 , , Independent/Directed Study; Jon Weissman; 1-3 cr.
 56122 039 IND, 00:00-00:00 , , Independent/Directed Study; Pen-Chung Yew; 1-3 cr.
 56123 040 IND, 00:00-00:00 , , Independent/Directed Study; Zhi-Li Zhang; 1-3 cr.
 56473 041 IND, 00:00-00:00 , , Independent/Directed Study; Abhishek Chandra; 1-3 cr.
 56474 042 IND, 00:00-00:00 , , Independent/Directed Study; Nicholas Hopper; 1-3 cr.
 56475 043 IND, 00:00-00:00 , , Independent/Directed Study; Antonia Zhai; 1-3 cr.
 56859 044 IND, 00:00-00:00 , , Independent/Directed Study; Daniel Keefe; 1-3 cr.
 57435 045 IND, 00:00-00:00 , , In Person Term Based; Lana Yarosh; 1-3 cr.

57605 046 IND, 00:00-00:00 , , In Person Term Based; Haiyi Zhu; 1-3 cr.
 57787 047 IND, In Person Term Based; Qi Zhao; 1-3 cr.

5994 Directed Research

(Student Option; Prereq: instr consent; may be repeated for cr)

55476 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
 56124 002 IND, 00:00-00:00 , , In Person Term Based; Daniel Boley; 1-3 cr.
 56125 003 IND, 00:00-00:00 , , In Person Term Based; John Carlis; 1-3 cr.
 56126 004 IND, 00:00-00:00 , , In Person Term Based; Arindam Banerjee; 1-3 cr.
 56127 005 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
 56128 006 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
 56129 007 IND, 00:00-00:00 , , In Person Term Based; David Du; 1-3 cr.
 56130 008 IND, 00:00-00:00 , , In Person Term Based; Tian He; 1-3 cr.
 56131 009 IND, 00:00-00:00 , , In Person Term Based; Maria Gini; 1-3 cr.
 56132 010 IND, 00:00-00:00 , , In Person Term Based; Mats Heimdahl; 1-3 cr.
 56133 011 IND, 00:00-00:00 , , In Person Term Based; Stephen Guy; 1-3 cr.
 56134 012 IND, 00:00-00:00 , , In Person Term Based; Victoria Interrante; 1-3 cr.
 56135 013 IND, 00:00-00:00 , , In Person Term Based; Ravi Janardan; 1-3 cr.
 56136 014 IND, 00:00-00:00 , , In Person Term Based; George Karypis; 1-3 cr.
 56137 015 IND, 00:00-00:00 , , In Person Term Based; Dan Knights; 1-3 cr.
 56138 016 IND, 00:00-00:00 , , In Person Term Based; Joseph Konstan; 1-3 cr.
 56139 017 IND, 00:00-00:00 , , In Person Term Based; Vipin Kumar; 1-3 cr.
 56140 018 IND, 00:00-00:00 , , In Person Term Based; Rui Kuang; 1-3 cr.
 56141 019 IND, 00:00-00:00 , , In Person Term Based; Gary Meyer; 1-3 cr.
 56142 020 IND, 00:00-00:00 , , In Person Term Based; Gopalan Nadathur; 1-3 cr.
 56143 021 IND, 00:00-00:00 , , In Person Term Based; Mohamed Mokbel; 1-3 cr.
 56144 022 IND, 00:00-00:00 , , In Person Term Based; Nikolaos Papanikolopoulos; 1-3 cr.
 56145 023 IND, 00:00-00:00 , , In Person Term Based; Chad Myers; 1-3 cr.
 56146 024 IND, 00:00-00:00 , , In Person Term Based; Stephen McCamant; 1-3 cr.
 56147 025 IND, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis; 1-3 cr.
 56148 026 IND, 00:00-00:00 , , In Person Term Based; Yousef Saad; 1-3 cr.
 56149 027 IND, 00:00-00:00 , , In Person Term Based; Paul Schrater; 1-3 cr.
 56150 028 IND, 00:00-00:00 , , In Person Term Based; Hyun Soo Park; 1-3 cr.
 56151 029 IND, 00:00-00:00 , , In Person Term Based; Shashi Shekhar; 1-3 cr.
 56152 030 IND, 00:00-00:00 , , In Person Term Based; Rahul Narain; 1-3 cr.
 56153 031 IND, 00:00-00:00 , , In Person Term Based; Jaideep Srivastava; 1-3 cr.
 56154 032 IND, 00:00-00:00 , , In Person Term Based; Kangjie Lu; 1-3 cr.
 56155 033 IND, 00:00-00:00 , , In Person Term Based; Junaed Sattar; 1-3 cr.
 56156 034 IND, 00:00-00:00 , , In Person Term Based; Loren Terveen; 1-3 cr.
 56157 035 IND, 00:00-00:00 , , In Person Term Based; Anand Tripathi; 1-3 cr.
 56158 036 IND, 00:00-00:00 , , In Person Term Based; Eric Van Wyk; 1-3 cr.
 56159 037 IND, 00:00-00:00 , , In Person Term Based; Volkan Isler; 1-3 cr.
 56160 038 IND, 00:00-00:00 , , In Person Term Based; Jon Weissman; 1-3 cr.
 56161 039 IND, 00:00-00:00 , , In Person Term Based; Pen-Chung Yew; 1-3 cr.
 56162 040 IND, 00:00-00:00 , , In Person Term Based; Zhi-Li Zhang; 1-3 cr.
 56476 041 IND, 00:00-00:00 , , In Person Term Based; Abhishek Chandra; 1-3 cr.
 56477 042 IND, 00:00-00:00 , , In Person Term Based; Nicholas Hopper; 1-3 cr.
 56478 043 IND, 00:00-00:00 , , In Person Term Based; Antonia Zhai; 1-3 cr.
 56860 044 IND, 00:00-00:00 , , In Person Term Based; Daniel Keefe; 1-3 cr.

57436 045 IND, 00:00-00:00 , , In Person Term Based; Lana Yarosh; 1-3 cr.
 57606 046 IND, 00:00-00:00 , , In Person Term Based; Haiyi Zhu; 1-3 cr.
 57788 047 IND, In Person Term Based; Qi Zhao; 1-3 cr.

5996 Curricular Practical Training

(S-N or Audit; Prereq: [CSci or CompE] major, instr consent)

55595 001 FWK, 00:00-00:00 , , In Person Term Based; Joseph Nieszner; 1 cr.
 56281 002 FWK, 00:00-00:00 , , In Person Term Based; Daniel Boley; 1 cr.
 56282 003 FWK, 00:00-00:00 , , In Person Term Based; John Carlis; 1 cr.
 56283 004 FWK, 00:00-00:00 , , In Person Term Based; Arindam Banerjee; 1 cr.
 56284 005 FWK, 00:00-00:00 , , In Person Term Based; 1 cr.
 56285 006 FWK, 00:00-00:00 , , In Person Term Based; Chris Dovolis; 1 cr.
 56286 007 FWK, 00:00-00:00 , , In Person Term Based; David Du; 1 cr.
 56287 008 FWK, 00:00-00:00 , , In Person Term Based; Tian He; 1 cr.
 56288 009 FWK, 00:00-00:00 , , In Person Term Based; Maria Gini; 1 cr.
 56289 010 FWK, 00:00-00:00 , , In Person Term Based; Mats Heimdahl, Michael Whalen; 1 cr.
 56290 011 FWK, 00:00-00:00 , , In Person Term Based; Stephen Guy; 1 cr.
 56291 012 FWK, 00:00-00:00 , , In Person Term Based; Victoria Interrante; 1 cr.
 56292 013 FWK, 00:00-00:00 , , In Person Term Based; Ravi Janardan; 1 cr.
 56293 014 FWK, 00:00-00:00 , , In Person Term Based; George Karypis; 1 cr.
 56294 015 FWK, 00:00-00:00 , , In Person Term Based; Dan Knights; 1 cr.
 56295 016 FWK, 00:00-00:00 , , In Person Term Based; Joseph Konstan; 1 cr.
 56296 017 FWK, 00:00-00:00 , , In Person Term Based; Vipin Kumar; 1 cr.
 56297 018 FWK, 00:00-00:00 , , In Person Term Based; Rui Kuang; 1 cr.
 56298 019 FWK, 00:00-00:00 , , In Person Term Based; Gary Meyer; 1 cr.
 56299 020 FWK, 00:00-00:00 , , In Person Term Based; Gopalan Nadathur; 1 cr.
 56300 021 FWK, 00:00-00:00 , , In Person Term Based; Mohamed Mokbel; 1 cr.
 56301 022 FWK, 00:00-00:00 , , In Person Term Based; Nikolaos Papanikolopoulos; 1 cr.
 56302 023 FWK, 00:00-00:00 , , In Person Term Based; Chad Myers; 1 cr.
 56303 024 FWK, 00:00-00:00 , , In Person Term Based; Stephen McCamant; 1 cr.
 56304 025 FWK, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis; 1 cr.
 56305 026 FWK, 00:00-00:00 , , In Person Term Based; Yousef Saad; 1 cr.
 56306 027 FWK, 00:00-00:00 , , In Person Term Based; Paul Schrater; 1 cr.
 56307 028 FWK, 00:00-00:00 , , In Person Term Based; Hyun Soo Park; 1 cr.
 56308 029 FWK, 00:00-00:00 , , In Person Term Based; Shashi Shekhar; 1 cr.
 56309 030 FWK, 00:00-00:00 , , In Person Term Based; Rahul Narain; 1 cr.
 56310 031 FWK, 00:00-00:00 , , In Person Term Based; Jaideep Srivastava; 1 cr.
 56311 032 FWK, 00:00-00:00 , , In Person Term Based; Kangjie Lu; 1 cr.
 56312 033 FWK, 00:00-00:00 , , In Person Term Based; Junaed Sattar; 1 cr.
 56313 034 FWK, 00:00-00:00 , , In Person Term Based; Loren Terveen; 1 cr.
 56314 035 FWK, 00:00-00:00 , , In Person Term Based; Anand Tripathi; 1 cr.
 56315 036 FWK, 00:00-00:00 , , In Person Term Based; Eric Van Wyk; 1 cr.
 56316 037 FWK, 00:00-00:00 , , In Person Term Based; Volkan Isler; 1 cr.
 56317 038 FWK, 00:00-00:00 , , In Person Term Based; Jon Weissman; 1 cr.
 56318 039 FWK, 00:00-00:00 , , In Person Term Based; Pen-Chung Yew; 1 cr.
 56319 040 FWK, 00:00-00:00 , , In Person Term Based; Zhi-Li Zhang; 1 cr.
 56479 041 FWK, 00:00-00:00 , , In Person Term Based; Abhishek Chandra; 1 cr.
 56480 042 FWK, 00:00-00:00 , , In Person Term Based; Nicholas Hopper; 1 cr.
 56481 043 FWK, 00:00-00:00 , , In Person Term Based; Antonia Zhai; 1 cr.

- 56861 044 FWK, 00:00-00:00 , , In Person Term Based; Daniel Keefe ; 1 cr.
- 57437 045 FWK, 00:00-00:00 , , In Person Term Based; Lana Yarosh ; 1 cr.
- 57607 046 FWK, 00:00-00:00 , , In Person Term Based; Haiyi Zhu ; 1 cr.
- 57789 047 FWK, In Person Term Based; Qi Zhao ; 1 cr.
- 8002 Introduction to Research in Computer Science, II**
(A-F only; Prereq: 8001, 1st yr CS PhD student)
- 56583 001 LEC, 11:15-12:30 F, Keller Hall 3-125, In Person Term Based; Ravi Janardan ; 2 cr.
- 8205 Parallel Computer Organization**
(Student Option; Prereq: 5204 or EE 5364 or instr consent)
- 57051 883 LEC, 11:15-12:30 TTh, ONLINE, Completely Online; 3 cr.
- 68042 001 LEC, 11:15-12:30 TTh, Mechanical Engineering 108, In Person Term Based; Meets With: 001 EE 8367; Pen-Chung Yew ; 3 cr.
- 8271 Security and Privacy in Computing**
(A-F or Audit; Prereq: [5211, 5103] or instr consent; 5471 or EE 5248 or Math 5248 or equiv recommended)
- 66750 001 LEC, 9:45-11:00 TTh, Bruininks Hall 144, In Person Term Based; Stephen McCamant ; 3 cr.
- 8333 FTE: Master's**
(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
- 56441 001 IND, In Person Term Based; 1 cr.
- 8444 FTE: Doctoral**
(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
- 56567 001 IND, In Person Term Based; 1 cr.
- 8666 Doctoral Pre-Thesis Credits**
(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
- 56573 001 IND, In Person Term Based; 1-6 cr.
- 8715 Spatial Data Science Research**
(Student Option; Prereq: 4707 or 5707 or 5715 or GIS 5571 or GIS 5573)
- 68043 001 LEC, 16:00-17:15 TTh, Mechanical Engineering 102, In Person Term Based; Shashi Shekhar ; 3 cr.
- 68151 883 LEC, 16:00-17:15 TTh, ONLINE, Completely Online; Shashi Shekhar ; 3 cr.
- 8760 Plan B Project**
(S-N or Audit; Prereq: CSci MS student, instr consent)
- 55488 001 IND, 00:00-00:00 , , In Person Term Based; 3 cr.
- 56241 002 IND, 00:00-00:00 , , In Person Term Based; Daniel Boley ; 3 cr.
- 56242 003 IND, 00:00-00:00 , , In Person Term Based; John Carlis ; 3 cr.
- 56243 004 IND, 00:00-00:00 , , In Person Term Based; Arindam Banerjee ; 3 cr.
- 56244 005 IND, 00:00-00:00 , , In Person Term Based; 3 cr.
- 56245 006 IND, 00:00-00:00 , , In Person Term Based; 3 cr.
- 56246 007 IND, 00:00-00:00 , , In Person Term Based; David Du ; 3 cr.
- 56247 008 IND, 00:00-00:00 , , In Person Term Based; Tian He ; 3 cr.
- 56248 009 IND, 00:00-00:00 , , In Person Term Based; Maria Gini ; 3 cr.
- 56249 010 IND, 00:00-00:00 , , In Person Term Based; Mats Heimdahl ; 3 cr.
- 56250 011 IND, 00:00-00:00 , , In Person Term Based; Stephen Guy ; 3 cr.
- 56251 012 IND, 00:00-00:00 , , In Person Term Based; Victoria Interrante ; 3 cr.
- 56252 013 IND, 00:00-00:00 , , In Person Term Based; Ravi Janardan ; 3 cr.
- 56253 014 IND, 00:00-00:00 , , In Person Term Based; George Karypis ; 3 cr.
- 56254 015 IND, 00:00-00:00 , , In Person Term Based; Dan Knights ; 3 cr.
- 56255 016 IND, 00:00-00:00 , , In Person Term Based; Joseph Konstan ; 3 cr.
- 56256 017 IND, 00:00-00:00 , , In Person Term Based; Vipin Kumar ; 3 cr.
- 56257 018 IND, 00:00-00:00 , , In Person Term Based; Rui Kuang ; 3 cr.
- 56258 019 IND, 00:00-00:00 , , In Person Term Based; Gary Meyer ; 3 cr.
- 56259 020 IND, 00:00-00:00 , , In Person Term Based; Gopalan Nadathur ; 3 cr.
- 56260 021 IND, 00:00-00:00 , , In Person Term Based; Mohamed Mokbel ; 3 cr.
- 56261 022 IND, 00:00-00:00 , , In Person Term Based; Nikolaos Papanikolopoulos ; 3 cr.
- 56262 023 IND, 00:00-00:00 , , In Person Term Based; Chad Myers ; 3 cr.
- 56263 024 IND, 00:00-00:00 , , In Person Term Based; Stephen McCamant ; 3 cr.
- 56264 025 IND, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis ; 3 cr.
- 56265 026 IND, 00:00-00:00 , , In Person Term Based; Yousef Saad ; 3 cr.
- 56266 027 IND, 00:00-00:00 , , In Person Term Based; Paul Schrater ; 3 cr.
- 56267 028 IND, 00:00-00:00 , , In Person Term Based; Hyun Soo Park ; 3 cr.
- 56268 029 IND, 00:00-00:00 , , In Person Term Based; Shashi Shekhar ; 3 cr.
- 56269 030 IND, 00:00-00:00 , , In Person Term Based; Rahul Narain ; 3 cr.
- 56270 031 IND, 00:00-00:00 , , In Person Term Based; Jaideep Srivastava ; 3 cr.
- 56271 032 IND, 00:00-00:00 , , In Person Term Based; Kangjie Lu ; 3 cr.
- 56272 033 IND, 00:00-00:00 , , In Person Term Based; Junaed Sattar ; 3 cr.
- 56273 034 IND, 00:00-00:00 , , In Person Term Based; Loren Terveen ; 3 cr.
- 56274 035 IND, 00:00-00:00 , , In Person Term Based; Anand Tripathi ; 3 cr.
- 56275 036 IND, 00:00-00:00 , , In Person Term Based; Eric Van Wyk ; 3 cr.
- 56276 037 IND, 00:00-00:00 , , In Person Term Based; Volkan Isler ; 3 cr.
- 56277 038 IND, 00:00-00:00 , , In Person Term Based; Jon Weissman ; 3 cr.
- 56278 039 IND, 00:00-00:00 , , In Person Term Based; Pen-Chung Yew ; 3 cr.
- 56279 040 IND, 00:00-00:00 , , In Person Term Based; Zhi-Li Zhang ; 3 cr.
- 56482 041 IND, 00:00-00:00 , , In Person Term Based; Abhishek Chandra ; 3 cr.
- 56483 042 IND, 00:00-00:00 , , In Person Term Based; Nicholas Hopper ; 3 cr.
- 56484 043 IND, 00:00-00:00 , , In Person Term Based; Antonia Zhai ; 3 cr.
- 56862 044 IND, 00:00-00:00 , , In Person Term Based; Daniel Keefe ; 3 cr.
- 57438 045 IND, 00:00-00:00 , , In Person Term Based; Lana Yarosh ; 3 cr.
- 57608 046 IND, 00:00-00:00 , , In Person Term Based; Haiyi Zhu ; 3 cr.
- 57790 047 IND, In Person Term Based; Qi Zhao ; 3 cr.
- 8777 Thesis Credits: Master's**
(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
- 55693 001 IND, In Person Term Based; 1-18 cr.
- 8888 Thesis Credit: Doctoral**
(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
- 55713 001 IND, In Person Term Based; 1-24 cr.
- 8970 Computer Science Colloquium**
(S-N or Audit;)
- 55485 001 LEC, 11:15-12:15 M, Mechanical Engineering 212, In Person Term Based; Rui Kuang ; 1 cr.
- 55955 883 LEC, 11:15-12:15 M, ONLINE, Completely Online; Rui Kuang ; 1 cr.
- 8980 Special Advanced Topics in Computer Science**
(Student Option; Prereq: instr consent)
- 68822 001 LEC, 16:00-17:15 TTh, Tate Hall B45, In Person Term Based; Kangjie Lu ; 1-3 cr.
- 68844 002 LEC, 9:45-11:00 MW, Keller Hall 2-260, In Person Term Based; Victoria Interrante ; 1-3 cr.
- 68876 003 LEC, 16:00-17:15 MW, Mechanical Engineering 102, In Person Term Based; Anand Tripathi ; 1-3 cr.
- 69250 883 LEC, 16:00-17:15 MW, ONLINE, Completely Online; Anand Tripathi ; 1-3 cr.
- 8991 Independent Study**
(Student Option; Prereq: instr consent)
- 55477 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.
- 56163 002 IND, 00:00-00:00 , , Independent/Directed Study; Daniel Boley ; 1-3 cr.
- 56164 003 IND, 00:00-00:00 , , Independent/Directed Study; John Carlis ; 1-3 cr.
- 56165 004 IND, 00:00-00:00 , , Independent/Directed Study; Arindam Banerjee ; 1-3 cr.
- 56166 005 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.
- 56167 006 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.
- 56168 007 IND, 00:00-00:00 , , Independent/Directed Study; David Du ; 1-3 cr.
- 56169 008 IND, 00:00-00:00 , , Independent/Directed Study; Tian He ; 1-3 cr.
- 56170 009 IND, 00:00-00:00 , , Independent/Directed Study; Maria Gini ; 1-3 cr.
- 56171 010 IND, 00:00-00:00 , , Independent/Directed Study; Mats Heimdahl ; 1-3 cr.
- 56172 011 IND, 00:00-00:00 , , Independent/Directed Study; Stephen Guy ; 1-3 cr.
- 56173 012 IND, 00:00-00:00 , , Independent/Directed Study; Victoria Interrante ; 1-3 cr.
- 56174 013 IND, 00:00-00:00 , , Independent/Directed Study; Ravi Janardan ; 1-3 cr.
- 56175 014 IND, 00:00-00:00 , , Independent/Directed Study; George Karypis ; 1-3 cr.
- 56176 015 IND, 00:00-00:00 , , Independent/Directed Study; Dan Knights ; 1-3 cr.
- 56177 016 IND, 00:00-00:00 , , Independent/Directed Study; Joseph Konstan ; 1-3 cr.
- 56178 017 IND, 00:00-00:00 , , Independent/Directed Study; Vipin Kumar ; 1-3 cr.
- 56179 018 IND, 00:00-00:00 , , Independent/Directed Study; Rui Kuang ; 1-3 cr.
- 56180 019 IND, 00:00-00:00 , , Independent/Directed Study; Gary Meyer ; 1-3 cr.
- 56181 020 IND, 00:00-00:00 , , Independent/Directed Study; Gopalan Nadathur ; 1-3 cr.
- 56182 021 IND, 00:00-00:00 , , Independent/Directed Study; Mohamed Mokbel ; 1-3 cr.
- 56183 022 IND, 00:00-00:00 , , Independent/Directed Study; Nikolaos Papanikolopoulos ; 1-3 cr.
- 56184 023 IND, 00:00-00:00 , , Independent/Directed Study; Chad Myers ; 1-3 cr.
- 56185 024 IND, 00:00-00:00 , , Independent/Directed Study; Stephen McCamant ; 1-3 cr.
- 56186 025 IND, 00:00-00:00 , , Independent/Directed Study; Stergios Roumeliotis ; 1-3 cr.
- 56187 026 IND, 00:00-00:00 , , Independent/Directed Study; Yousef Saad ; 1-3 cr.
- 56188 027 IND, 00:00-00:00 , , Independent/Directed Study; Paul Schrater ; 1-3 cr.
- 56189 028 IND, 00:00-00:00 , , Independent/Directed Study; Hyun Soo Park ; 1-3 cr.
- 56190 029 IND, 00:00-00:00 , , Independent/Directed Study; Shashi Shekhar ; 1-3 cr.
- 56191 030 IND, 00:00-00:00 , , Independent/Directed Study; Rahul Narain ; 1-3 cr.
- 56192 031 IND, 00:00-00:00 , , Independent/Directed Study; Jaideep Srivastava ; 1-3 cr.
- 56193 032 IND, 00:00-00:00 , , Independent/Directed Study; Kangjie Lu ; 1-3 cr.
- 56194 033 IND, 00:00-00:00 , , Independent/Directed Study; Junaed Sattar ; 1-3 cr.
- 56195 034 IND, 00:00-00:00 , , Independent/Directed Study; Loren Terveen ; 1-3 cr.
- 56196 035 IND, 00:00-00:00 , , Independent/Directed Study; Anand Tripathi ; 1-3 cr.
- 56197 036 IND, 00:00-00:00 , , Independent/Directed Study; Eric Van Wyk ; 1-3 cr.
- 56198 037 IND, 00:00-00:00 , , Independent/Directed Study; Volkan Isler ; 1-3 cr.
- 56199 038 IND, 00:00-00:00 , , Independent/Directed Study; Jon Weissman ; 1-3 cr.
- 56200 039 IND, 00:00-00:00 , , Independent/Directed Study; Pen-Chung Yew ; 1-3 cr.
- 56201 040 IND, 00:00-00:00 , , Independent/Directed Study; Zhi-Li Zhang ; 1-3 cr.
- 56485 041 IND, 00:00-00:00 , , Independent/Directed Study; Abhishek Chandra ; 1-3 cr.
- 56486 042 IND, 00:00-00:00 , , Independent/Directed Study; Nicholas Hopper ; 1-3 cr.
- 56487 043 IND, 00:00-00:00 , , Independent/Directed Study; Antonia Zhai ; 1-3 cr.
- 56863 044 IND, 00:00-00:00 , , Independent/Directed Study; Daniel Keefe ; 1-3 cr.
- 57439 045 IND, 00:00-00:00 , , In Person Term Based; Lana Yarosh ; 1-3 cr.
- 57609 046 IND, 00:00-00:00 , , In Person Term Based; Haiyi Zhu ; 1-3 cr.
- 57791 047 IND, In Person Term Based; Qi Zhao ; 1-3 cr.
- 8994 Directed Research in Computer Science**
(Student Option; Prereq: instr consent)
- 55478 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
- 56202 002 IND, 00:00-00:00 , , In Person Term Based; Daniel Boley ; 1-3 cr.
- 56203 003 IND, 00:00-00:00 , , In Person Term Based; John Carlis ; 1-3 cr.
- 56204 004 IND, 00:00-00:00 , , In Person Term Based; Arindam Banerjee ; 1-3 cr.
- 56205 005 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
- 56206 006 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
- 56207 007 IND, 00:00-00:00 , , In Person Term Based; David Du ; 1-3 cr.
- 56208 008 IND, 00:00-00:00 , , In Person Term Based; Tian He ; 1-3 cr.
- 56209 009 IND, 00:00-00:00 , , In Person Term Based; Maria Gini ; 1-3 cr.

56210 010 IND, 00:00-00:00 , , In Person Term Based; Mats Heimdahl; 1-3 cr.
 56211 011 IND, 00:00-00:00 , , In Person Term Based; Stephen Guy; 1-3 cr.
 56212 012 IND, 00:00-00:00 , , In Person Term Based; Victoria Interrante; 1-3 cr.
 56213 013 IND, 00:00-00:00 , , In Person Term Based; Ravi Janardan; 1-3 cr.
 56214 014 IND, 00:00-00:00 , , In Person Term Based; George Karypis; 1-3 cr.
 56215 015 IND, 00:00-00:00 , , In Person Term Based; Dan Knights; 1-3 cr.
 56216 016 IND, 00:00-00:00 , , In Person Term Based; Joseph Konstan; 1-3 cr.
 56217 017 IND, 00:00-00:00 , , In Person Term Based; Vipin Kumar; 1-3 cr.
 56218 018 IND, 00:00-00:00 , , In Person Term Based; Rui Kuang; 1-3 cr.
 56219 019 IND, 00:00-00:00 , , In Person Term Based; Gary Meyer; 1-3 cr.
 56220 020 IND, 00:00-00:00 , , In Person Term Based; Gopalan Nadathur; 1-3 cr.
 56221 021 IND, 00:00-00:00 , , In Person Term Based; Mohamed Mokbel; 1-3 cr.
 56222 022 IND, 00:00-00:00 , , In Person Term Based; Nikolaos Papanikolopoulos; 1-3 cr.
 56223 023 IND, 00:00-00:00 , , In Person Term Based; Chad Myers; 1-3 cr.
 56224 024 IND, 00:00-00:00 , , In Person Term Based; Stephen McCamant; 1-3 cr.
 56225 025 IND, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis; 1-3 cr.
 56226 026 IND, 00:00-00:00 , , In Person Term Based; Yousef Saad; 1-3 cr.
 56227 027 IND, 00:00-00:00 , , In Person Term Based; Paul Schrater; 1-3 cr.
 56228 028 IND, 00:00-00:00 , , In Person Term Based; Hyun Soo Park; 1-3 cr.
 56229 029 IND, 00:00-00:00 , , In Person Term Based; Shashi Shekhar; 1-3 cr.
 56230 030 IND, 00:00-00:00 , , In Person Term Based; Rahul Narain; 1-3 cr.
 56231 031 IND, 00:00-00:00 , , In Person Term Based; Jaideep Srivastava; 1-3 cr.
 56232 032 IND, 00:00-00:00 , , In Person Term Based; Kangjie Lu; 1-3 cr.
 56233 033 IND, 00:00-00:00 , , In Person Term Based; Junaed Sattar; 1-3 cr.
 56234 034 IND, 00:00-00:00 , , In Person Term Based; Loren Terveen; 1-3 cr.
 56235 035 IND, 00:00-00:00 , , In Person Term Based; Anand Tripathi; 1-3 cr.
 56236 036 IND, 00:00-00:00 , , In Person Term Based; Eric Van Wyk; 1-3 cr.
 56237 037 IND, 00:00-00:00 , , In Person Term Based; Volkan Isler; 1-3 cr.
 56238 038 IND, 00:00-00:00 , , In Person Term Based; Jon Weissman; 1-3 cr.
 56239 039 IND, 00:00-00:00 , , In Person Term Based; Pen-Chung Yew; 1-3 cr.
 56240 040 IND, 00:00-00:00 , , In Person Term Based; Zhi-Li Zhang; 1-3 cr.
 56488 041 IND, 00:00-00:00 , , In Person Term Based; Abhishek Chandra; 1-3 cr.
 56489 042 IND, 00:00-00:00 , , In Person Term Based; Nicholas Hopper; 1-3 cr.
 56490 043 IND, 00:00-00:00 , , In Person Term Based; Antonia Zhai; 1-3 cr.
 56864 044 IND, 00:00-00:00 , , In Person Term Based; Daniel Keefe; 1-3 cr.
 57440 045 IND, 00:00-00:00 , , In Person Term Based; Lana Yarosh; 1-3 cr.
 57610 046 IND, 00:00-00:00 , , In Person Term Based; Haiyi Zhu; 1-3 cr.
 57792 047 IND, In Person Term Based; Qi Zhao; 1-3 cr.

Conservation Sciences (CONS)

8001 Conservation Biology Seminar
 (S-N or Audit; Prereq: instr consent)
 53013 001 LEC, 12:00-13:00 F, Borlaug Hall 335, In Person Term Based; Daniel Larkin; 1 cr.

8095 Contemporary Problems in Conservation Biology
 (S-N or Audit; Prereq: 8004, FW 8452, instr consent)
 53131 001 DIS, 00:00-00:00 , , In Person Term Based; James Forester; 1 cr.

8333 FTE: Master's
 (No Grade Associated; Prereq: Master's student, adviser and DGS consent)
 53018 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8444 FTE: Doctoral
 (No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
 53035 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits
 (No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
 53053 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's
 (No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
 53065 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral
 (No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required; prior to passing written and oral prelims, must have: 1 yr coursework in program; approval on a degree program; 1-2 pg research proposal (approved by adviser) to DGS asst)
 53085 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

Construction Management (CMGT)

2019 AutoCAD for Construction Managers
 (Student Option; Prereq: 30 sem cr)
 60986 001 LEC, 18:00-21:35 M, Bruininks Hall 432A, In Person Term Based; Ann Johnson; 2 cr.
 60986 001 LEC, 18:00-21:35 M, Bruininks Hall 432A, In Person Term Based; Ann Johnson; 2 cr.
 60986 001 LEC, 18:00-21:35 M, Bruininks Hall 432A, In Person Term Based; Ann Johnson; 2 cr.

3001W Introduction to Construction
 (Student Option; WI)
 60875 101 LEC, 18:00-20:45 M, Mechanical Engineering 102, Partially Online; William Bartolic III; 3 cr.
 60875 101 LEC, 18:00-20:45 M, Mechanical Engineering 102, Partially Online; William Bartolic III; 3 cr.
 60989 301 LEC, 00:00-00:00 , ONLINE, Completely Online; William Bartolic III; 3 cr.

3011 Construction Plan Reading
 (Student Option;)
 60893 001 LEC, 18:00-21:35 T, Mechanical Engineering 102, In Person Term Based; Heather Kossila; 2 cr.
 60893 001 LEC, 18:00-21:35 T, Mechanical Engineering 102, In Person Term Based; Heather Kossila; 2 cr.

4011 Construction Documents and Contracts
 (Student Option; Prereq: 3001, 45 sem cr)
 61173 301 LEC, Completely Online; Stephen Hauser; 3 cr.

4021 Construction Planning and Scheduling
 (Student Option; Prereq: 3001, 3011, 45 sem cr)
 60900 301 LEC, Completely Online; Kenneth Styrlyund, David Galetka; 3 cr.

4022 Construction Estimating
 (Student Option; Prereq: 3001, 3011, 45 sem cr)
 60874 101 LEC, 18:00-20:45 M, Bruininks Hall 512A, Partially Online; Mark Adamson; 3 cr.

4031 Construction Safety and Loss Control
 (Student Option; Prereq: 3001, 45 sem cr)
 60901 001 LEC, 18:00-20:45 W, Ford Hall 151, In Person Term Based; Ethan Laubach; 3 cr.

4041W Specifications and Technical Writing for Construction Professionals
 (Student Option; Prereq: 4011 or concurrent registration is required (or allowed) in 4011W)
 60899 001 LEC, 18:00-20:45 Th, Mechanical Engineering 102, In Person Term Based; A Hilger, AIA; 3 cr.

4073 Building Codes for Construction Managers
 (Student Option; Prereq: 45 cr or instr consent)
 61048 301 LEC, Completely Online; Scott Holm; 1 cr.

4081 Managing Erosion and Sediment Control on Construction Sites
 (A-F or Audit; Prereq: 3011 or related experience)
 61071 001 LEC, 15:35-17:30 Th, Mechanical Engineering 221, In Person Term Based; John Chapman; 1 cr.

4193 Directed Study
 (Student Option; Prereq: Admitted to CMgt major or minor or certificate)
 60873 401 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

4196 Construction Management Internship
 (S-N only; Prereq: [[CMgt] major or minor or certificate student], [jr or sr], dept consent)
 61060 401 FWK, 00:00-00:00 , , Independent/Directed Study; A Hilger, AIA; 1-4 cr.

4215 Facility Quality Assessment and Commissioning
 (A-F or Audit; Prereq: 3001, [4213 or concurrent registration is required (or allowed) in 4213], 4542, 4562)
 61072 101 LEC, 18:00-21:35 W, Ford Hall 130, Partially Online; Robert Linder; 2 cr.

4422 Advanced Construction Cost Estimating
 (Student Option; Prereq: CMGT 4022 or instr consent)
 61051 101 LEC, 15:35-17:30 Th, Mechanical Engineering 221, Partially Online; Mark Adamson, Dwight Elthon, A Hilger, AIA; 2 cr.

4542 Building Energy Systems
 (A-F or Audit; Prereq: [3001, [jr or sr]] or instr consent)
 60935 101 LEC, 18:00-20:45 M, Mechanical Engineering 212, Partially Online; Nirmal Jain; 3 cr.

4545 Materials and Structures II
 (A-F or Audit; Prereq: CMgt 4544)
 68132 001 LEC, 18:00-21:35 W, Civil Engineering Bldg 212, In Person Term Based; Jupe Hale; 4 cr.

4861 Construction Management Capstone
 (A-F or Audit; Prereq: CMGT 4011, 4013, 4021, 4022, and 4031 (which may be taken concurrently WITH instructor permission), and CMGT 4041 and 4201 (which may be taken concurrently WITHOUT instructor permission).)
 61038 001 LEC, 18:00-20:55 T, Mechanical Engineering 212, In Person Term Based; A Hilger, AIA; 3 cr.
 61118 002 DIS, In Person Term Based; A Hilger, AIA; 3 cr.
 68155 003 DIS, In Person Term Based; A Hilger, AIA; 3 cr.
 69674 004 DIS, In Person Term Based; A Hilger, AIA; 3 cr.

Continuing Dental Education (CDED)

6101 Postgraduate Contemporary Esthetic Dentistry I: Level I--Lecture/Laboratory Series
 (S-N or Audit;)
 53634 001 LEC, 00:00-00:00 , , In Person Term Based; Paul Olin, Paul Belvedere; 5 cr.

6202 Postgraduate Contemporary Esthetic Dentistry: Level II--Patient Series
 (S-N or Audit; Prereq: 6101)
 53635 001 LEC, 00:00-00:00 , , In Person Term Based; Paul Olin; 5 cr.

7302 Postgraduate Contemporary Esthetic Dentistry: Level III--Orthodontic and Periodontal Esthetics
 (S-N or Audit;)
 53636 001 LEC, 00:00-00:00 , , In Person Term Based; Paul Olin; 1-1.5 cr.

7307 Postgraduate Contemporary Esthetic Dentistry: Level III--Technology in Restorative Dentistry
 (S-N or Audit;)
 53637 001 LEC, 00:00-00:00 , , In Person Term Based; Paul Olin; 1 cr.

Coptic (COPT)

5002 Elementary Coptic

(Student Option; Prereq: 5001 or equiv)
67693 001 DIS, 10:10-11:00 MWF, Civil Engineering Bldg
213, In Person Term Based; Melissa Sellow ; 3 cr.

Ctr for Spirituality/Healing (CSPH)

1001 Principles of Holistic Health and Healing

(Student Option;)
45699 001 LEC, Completely Online; Louise Delagran, Linda Hanson, Andrea Uptmor ; 2 cr.

1101 Self, Society, and Environment: An Integral Systems Approach to Personal Wellbeing and Engagement

(Student Option;)
45841 001 LEC, 15:35-17:30 Th, Weaver-Densford Hall W2-110, 15:35-17:30 Th, Weaver-Densford Hall W2-110, 15:35-17:30 Th, Weaver-Densford Hall W2-110, 15:35-17:30 Th, Weaver-Densford Hall W2-110, 15:35-17:30 Th, Weaver-Densford Hall W2-110, 15:35-17:30 Th, Weaver-Densford Hall W2-110, 15:35-17:30 Th, Weaver-Densford Hall W2-110, Partially Online; John Miller, Sara Nystuen ; 3 cr.

3001 Introduction to Integrative Healing

(Student Option; Prereq: 60 credits or instr consent)
45759 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Roni Evans ; 3 cr.

3101 Creating Ecosystems of Well-Being

(Student Option;)
45756 001 LEC, Completely Online; Kate Hathaway ; 2 cr.

3201 Introduction to Mindfulness-Based Stress Reduction

(Student Option;)
45713 003 LEC, 12:20-14:15 M, Mayo Bldg B393 Meditation Rm, 9:00-16:00 Su, Mayo Bldg B393 Meditation Rm, In Person Term Based; Alex Haley ; 2 cr.
45746 002 LEC, 9:05-11:00 W, Mayo Bldg B393 Meditation Rm, 9:00-16:00 Su, Mayo Bldg B393 Meditation Rm, In Person Term Based; Alex Haley ; 2 cr.
45791 001 LEC, 9:05-11:00 T, Mayo Bldg B393 Meditation Rm, 9:00-16:00 Sa, Mayo Bldg B393 Meditation Rm, In Person Term Based; Douglas Kennedy ; 2 cr.

3211 Living on Purpose: An Exploration of Self, Purpose, and Community

(Student Option; Prereq: 30+ credits completed or instr consent)
45802 001 LEC, 00:00-00:00 , 12:30-16:30 F, Mayo Bldg B393 Meditation Rm, 12:30-16:30 F, Mayo Bldg B393 Meditation Rm, 12:30-16:30 F, Mayo Bldg B393 Meditation Rm, Partially Online; Carole Anne Broad, Lisa Clark ; 2 cr.

4311 Foundations of Hatha Yoga:

Alignment & Movement Principles

(Student Option; Prereq: [Prerequisite PsTL 1135 Essentials of Human Anatomy and Physiology or equivalent], instr consent (prerequisite course may be taken concurrently))
45784 001 LAB, In Person Term Based; Katie Schuver ; 3 cr.
45785 002 LEC, 9:00-19:00 Sa, Mayo Bldg & Additions 1250, 9:00-19:00 Sa, Mayo Bldg & Additions 1250, 9:00-19:00 Sa, Mayo Bldg & Additions 1250, 9:00-19:00 Sa, Mayo Bldg & Additions 1250, 9:00-19:00 Sa, Mayo Bldg & Additions 1250, In Person Term Based; Katie Schuver ; 3 cr.

4312 Hatha Yoga Philosophy, Lifestyle, & Ethics

(Student Option; Prereq: 4311)
45786 001 LAB, In Person Term Based; Katie Schuver ; 3 cr.
45787 002 LEC, 9:00-19:00 Su, Mayo Bldg & Additions 1250, 9:00-19:00 Su, Mayo Bldg & Additions 1250, 9:00-19:00 Su, Mayo Bldg & Additions 1250, 9:00-19:00 Su, Mayo Bldg & Additions 1250, 9:00-19:00 Su, Mayo Bldg & Additions 1250, In Person Term Based; Katie Schuver ; 3 cr.

4313 Hatha Yoga Teaching Principles & Methodology

(Student Option; Prerequisite two Hatha Yoga courses. Practice skills through participation in Service Learning. Third course in sequence of three (3) courses in University of Minnesota Yoga Teachers' Education & Training Sequence. prereq: 4311, 4312)
45788 001 LEC, 14:00-17:30 F, Mayo Bldg & Additions 1250, In Person Term Based; Katie Schuver ; 2 cr.
66599 002 LAB, In Person Term Based; Katie Schuver ; 2 cr.

5000 Explorations in Integrative Therapies and Healing Practices

(Student Option; Prereq: Jr or sr or grad student or instr consent)
68248 001 LEC, Completely Online; Roni Evans, Gert Bronfort ; 1-4 cr.
69347 002 LEC, 9:00-12:00 Sa, Mayo Bldg B393 Meditation Rm, 9:00-12:00 Su, Mayo Bldg B393 Meditation Rm, 9:00-12:00 Sa, Mayo Bldg B393 Meditation Rm, 9:00-12:00 Sa, Mayo Bldg B393 Meditation Rm, Partially Online; Douglas Kennedy ; 1-4 cr.
69348 003 LEC, 14:30-17:15 W, Moos Health Sci Tower 2-520, In Person Term Based; Craig Hassel ; 1-4 cr.
69349 004 LEC, Completely Online; Gisli Kristofersson, Laura Sandquist ; 1-4 cr.

5101 Introduction to Integrative Healing Practices

(Student Option; Prereq: Jr or sr or grad student; or instructor consent)
45684 001 LEC, Completely Online; Robin Austin ; 3 cr.
45757 002 LEC, Completely Online; Teri Verner ; 3 cr.

5102 Art of Healing: Self as Healer

(Student Option; Prereq: Jr or sr or grad student or instr consent)
45695 001 LEC, 8:30-16:30 F, Mayo Bldg B393 Meditation Rm, 8:30-16:30 F, Mayo Bldg B393 Meditation Rm, In Person Term Based; Laurie Kubes ; 1 cr.

5115 Cultural Awareness, Knowledge and Health

(Student Option; Prereq: Jr or sr or grad student or instr consent)
45698 001 LEC, 15:30-18:20 M, Weaver-Densford Hall W2120, In Person Term Based; Craig Hassel ; 3 cr.

5118 Whole Person, Whole Community: The Reciprocity of Wellbeing

(Student Option No Audit;)
68190 001 LEC, Completely Online; Sara Nystuen ; 3 cr.

5121 Whole Systems Healing: Health and the Environment

(Student Option; Prereq: Jr or sr or grad student)
45843 001 LEC, 17:30-20:30 W, Weaver-Densford Hall W2120, 17:30-20:30 W, Weaver-Densford Hall W2120, 17:30-20:30 W, Weaver-Densford Hall W2120, Partially Online; John Miller ; 2 cr.

5201 Spirituality and Resilience

(Student Option; Prereq: Jr or sr or grad student or instr consent)
45687 001 LEC, 16:30-20:00 W, Ruttan Hall B36, 9:00-17:00 Sa, Ruttan Hall B36, 16:30-20:00 W, Ruttan Hall B36, 9:00-17:00 Sa, Ruttan Hall B36, 16:30-20:00 W, Ruttan Hall B36, 16:30-20:00 W, Ruttan Hall B36, 16:30-20:00 W, Ruttan Hall B36, In Person Term Based; Kathy Marshall ; 2 cr.

5212 Peacebuilding Through Mindfulness: Transformative Dialogue in the Global Community

(Student Option; Prereq: Jr or sr or grad student or instr consent)
45812 001 LEC, 18:00-21:00 F, Mayo Bldg B393 Meditation Rm, 9:00-16:00 Sa, Mayo Bldg & Additions 1250, 9:00-16:00 Sa, Mayo Bldg & Additions 1250, 9:00-16:00 Sa, Mayo Bldg & Additions 1250, Partially Online; Mark Umbreit ; 3 cr.

5226 Advanced Meditation: Body, Brain, Mind, and Universe

(Student Option; Prereq: [5225, [jr or sr or grad student]] or instr consent)
45692 001 LEC, 13:25-16:25 T, Mayo Bldg B393 Meditation Rm, 13:25-16:25 T, Mayo Bldg B393 Meditation Rm, 13:25-16:25 T, Mayo Bldg B393 Meditation Rm, 13:25-16:25 T, Mayo Bldg B393 Meditation Rm, 13:25-16:25 T, Mayo Bldg B393 Meditation Rm, In Person Term Based; Erik Storlie ; 1 cr.
45739 002 LEC, 00:00-00:00 , In Person Term Based; MaryJo Kreitzer ; 1 cr.

5311 Introduction to Traditional Chinese Medicine

(A-F or Audit; Prereq: Jr or sr or grad student or instr consent)
45832 001 LEC, 8:00-17:00 F, Mayo Bldg B393 Meditation Rm, 8:00-17:00 F, Mayo Bldg B393 Meditation Rm, Partially Online; Portia Richardson ; 2 cr.

5313 Acupressure

(Student Option;)
68168 001 LEC, 8:00-17:00 FSA, Mayo Bldg B393 Meditation Rm, Partially Online; Portia Richardson ; 1 cr.

5315 Traditional Tibetan Medicine: Ethics, Spirituality, and Healing

(Student Option; Prereq: Jr or sr or grad student or instr consent)
45814 001 LEC, Completely Online; Miriam Cameron ; 2 cr.

5317 Yoga: Ethics, Spirituality, and Healing

(Student Option;)
45760 001 LEC, Completely Online; Katie Schuver ; 2 cr.

5343 Ayurveda Medicine: The Science of Self-healing

(Student Option;)
45761 001 LEC, Completely Online; Asavari Manvikar ; 2 cr.

5401 People, Plants, and Drugs:

Introduction to Ethnopharmacology

(Student Option; Prereq: Jr or sr or grad student or instr consent)
45747 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Lisa Aston Philander ; 3 cr.

5431 Functional Nutrition: An Expanded View of Nutrition, Chronic Disease, and Optimal Health

(Student Option; Prereq: [Jr or sr or grad student] in Health Sciences or instr consent)
45694 001 LEC, 15:35-17:30 T, Weaver-Densford Hall W2-110, In Person Term Based; Carolyn Denton ; 2 cr.

5503 Aromatherapy Fundamentals

(Student Option; Prereq: Jr or sr or grad student)
45803 001 LEC, Completely Online; Linda Halcon ; 1 cr.

5523 Applications in Therapeutic Horticulture

(Student Option No Audit;)
69334 001 LEC, 18:00-20:30 Th, AHC ROOM TBA, Partially Online; Jean Larson ; 2 cr.

5535 Reiki Healing

(S-N only; Prereq: Jr or sr or grad student or instr consent)
45697 001 LEC, 9:00-17:00 SaSu, Mayo Bldg B393 Meditation Rm, In Person Term Based; Deborah Ringdahl ; 1 cr.
45836 002 LEC, 9:00-17:00 SaSu, Mayo Bldg B393 Meditation Rm, In Person Term Based; Deborah Ringdahl ; 1 cr.

5555 Introduction to Body and Movement-based Therapies

(Student Option; Prereq: Jr or sr or grad student or instr consent)
45691 001 LEC, 15:00-21:00 F, Weaver-Densford Hall W2-110, 9:00-17:00 Sa, Weaver-Densford Hall W2-110, 3:00-21:00 F, Weaver-Densford Hall W2-110, 9:00-17:00 Sa, Weaver-Densford Hall W2-110, In Person Term Based; Barbara Nordstrom-Loeb ; 2 cr.

5631 Healing Imagery I

(Student Option; Prereq: Jr or sr or grad student)
45748 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Susan Thompson ; 2 cr.

5642 Nature Heals: An Introduction to Nature-Based Therapeutics

(Student Option;)
45813 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Jean Larson ; 3 cr.

5643 Horse as Teacher: Intro to Nature-Based Therapeutics Equine-Assisted Activities & Therapies (EAAT)

(Student Option; Prereq: jr or sr or grad or instr consent)
68176 001 LEC, 9:00-17:00 Sa, AHC ROOM TBA, Partially Online; Jean Larson ; 3 cr.

5702 Fundamentals of Health Coaching II

(A-F or Audit; Prereq: CSPH 5701; admitted to Integrative Health and Wellbeing Coaching MA program; or, Integrative Therapies and Healing Practices Certificate-Health Coaching track; or, instr consent.)

45712 001 LEC, 00:00-00:00 , 8:30-17:00 ThFSa, Mayo Bldg B393 Meditation Rm, 8:30-17:00 ThFSa, Mayo Bldg B393 Meditation Rm, Primarily Online; Karen Lawson, Deborah Olson, Theresa Nutt ; 4 cr.

5705 Health Coaching Professional Internship

(S-N only; Prerequisite CSPH 5701, 5702, 5703; admitted to Integrative Health and Wellbeing Coaching MA; or, Integrative Therapies and Healing Practices Certificate-Health Coaching track [CSPH 5101, 5704 recommended])

45730 001 LEC, 00:00-00:00 , 18:00-21:00 T, AHC ROOM TBA, 18:00-21:00 T, AHC ROOM TBA, 18:00-21:00 T, AHC ROOM TBA, 18:00-21:00 T, AHC ROOM TBA, Primarily Online; Deborah Olson, Theresa Nutt ; 2 cr.

5708 Mind-Body Science and the Art of Transformation

(Student Option;)

45801 001 LEC, Completely Online; Michele Rae ; 1 cr.

5709 Health and Wellbeing Group Coaching

(Student Option No Audit; Prereq admission to Integrative Health & Wellbeing MA or graduate of Certificate in Integrative Therapies and Healing Practices-Health Coaching program or instructor approval; CSPH 5701,5702,5706; recommended CSPH 5707; or instructor approval.)

45837 001 LEC, 8:30-16:30 T, Phillips-Wangenstn Bldg 6-224, Primarily Online; Theresa Nutt, Deborah Olson ; 2 cr.

5806 Wellbeing and Resiliency for Health Professionals

(Student Option;)

45815 001 LEC, Completely Online; Kate Hathaway ; 1 cr.

5807 Mindfulness in the Workplace: Pause, Practice, Perform

(Student Option;)

69485 001 LEC, Completely Online; Alex Haley ; 2 cr.

5905 Food Matters: Cook Like Your Life Depends On It

(Student Option;)

45839 001 LEC, 16:00-19:00 F, AHC ROOM TBA, 9:00-17:00 SaSu, AHC ROOM TBA, In Person Term Based; Jennifer Breen, Kate Shafto ; 1 cr.
45840 002 LEC, 18:00-21:00 W, AHC ROOM TBA, In Person Term Based; Jennifer Breen, Kate Shafto ; 1 cr.

8191 Independent Study in Integrative Therapies and Healing Practices

(Student Option; Prereq: instr consent)

45838 001 IND, In Person Term Based; Deborah Ringdahl ; 1-6 cr.

8701 Integrative Health and Wellbeing Coaching MA Capstone Project

(S-N only; Prereq: Integrative Health and Wellbeing Coaching MA student, CSPH 5701, 5702, 5703, 5704, 5706, 5707, 5709.)

45816 001 LEC, Primarily Online; Karen Lawson, Theresa Nutt ; 2 cr.

Cultural Study/Comparative Lit (CSCL)

1001 Introduction to Cultural Studies: Rhetoric, Power, Desire

(Student Option; AH,DSJ)

48798 001 LEC, 9:45-11:00 MW, Nicholson Hall 275, In Person Term Based; Brad Stiffler ; 3 cr.

1101 Literature

(Student Option; LITR)

49129 001 LEC, 12:45-14:00 TTh, Nicholson Hall 275, In Person Term Based; Shaden Tageldin ; 4 cr.

1201W Cinema

(Student Option; AH,WI)

50085 001 LEC, 9:05-12:05 F, Blegen Hall 5, In Person Term Based; Meets With: 001 SCMC 1201W; Margaret Hennefeld ; 4 cr.

51991 002 DIS, 9:05-9:55 T, Folwell Hall 10, In Person Term Based; Meets With: 002 SCMC 1201W; Jeremy Meckler ; 4 cr.

51992 003 DIS, 10:10-11:00 T, Folwell Hall 10, In Person Term Based; Meets With: 003 SCMC 1201W; Jeremy Meckler ; 4 cr.

51993 004 DIS, 10:10-11:00 Th, Kolthoff Hall 132, In Person Term Based; Meets With: 004 SCMC 1201W; 4 cr.

51994 005 DIS, 10:10-11:00 W, Bruininks Hall 144, In Person Term Based; Meets With: 005 SCMC 1201W; Vanessa Cambier ; 4 cr.

52432 006 DIS, 11:15-12:05 W, Bruininks Hall 420A, In Person Term Based; Meets With: 006 SCMC 1201W; Vanessa Cambier ; 4 cr.

1202W Media: Word, Image, Sound

(Student Option; AH,WI)

51995 001 LEC, 11:15-12:30 TTh, Nicholson Hall 275, In Person Term Based; Meets With: 001 SCMC 1202W; Thomas Cannavino ; 4 cr.

51996 002 DIS, 9:05-9:55 M, Kolthoff Hall 132, In Person Term Based; Meets With: 002 SCMC 1202W; Andrea Gyenge ; 4 cr.

51997 003 DIS, 10:10-11:00 M, Kolthoff Hall 135, In Person Term Based; Meets With: 003 SCMC 1202W; Andrea Gyenge ; 4 cr.

51998 004 DIS, 9:05-9:55 F, Nicholson Hall 345, In Person Term Based; Meets With: 004 SCMC 1202W; 4 cr.

51999 005 DIS, 10:10-11:00 F, Nicholson Hall 345, In Person Term Based; Meets With: 005 SCMC 1202W; Cole Pulice ; 4 cr.

1301W Reading Culture: Theory and Practice

(Student Option; AH,WI)

51394 001 LEC, 8:15-9:30 MW, Kolthoff Hall 136, In Person Term Based; Heidar Azodanloo ; 3 cr.

51395 002 LEC, 11:15-12:05 MWF, Kolthoff Hall 139, In Person Term Based; Harshit Rathi ; 3 cr.

51400 003 LEC, 9:45-11:00 TTh, Akerman Hall 215, In Person Term Based; Emily Fedoruk ; 3 cr.

1401W Reading Literature: Theory and Practice

(Student Option; LITR,WI)

51396 001 LEC, 8:15-9:30 MW, Folwell Hall 123, In Person Term Based; Lyes Benarbane ; 3 cr.

51397 002 LEC, 10:10-11:00 MWF, Kolthoff Hall 134, In Person Term Based; Xiaoli Yang ; 3 cr.

51398 003 LEC, 16:00-17:15 TTh, Folwell Hall 123, In Person Term Based; Isaac Vayo ; 3 cr.

51399 004 LEC, 18:20-20:50 W, Nicholson Hall 345, In Person Term Based; Dzmityr Tspakou ; 3 cr.

52434 005 LEC, 14:30-15:20 MWF, Folwell Hall 32, In Person Term Based; Brad Bellatti ; 3 cr.

1501W Reading History: Theory and Practice

(Student Option; HIS,WI)

49399 001 LEC, 11:15-12:30 TTh, Wulling Hall 240, In Person Term Based; Heidar Azodanloo ; 3 cr.

49400 002 LEC, 18:20-20:50 Th, Vincent Hall 213, In Person Term Based; Joseph Sannicandro ; 3 cr.

67346 003 LEC, 9:45-11:00 MW, Folwell Hall 123, In Person Term Based; Igor Tchoukarine ; 3 cr.

1911 Poetry and Social Change

(Student Option;)

67347 001 DIS, 11:15-12:30 TTh, Nicholson Hall 145, In Person Term Based; Erin Trapp ; 3 cr.

3005 Seminar in Critical Thought

(A-F only;)

66964 001 LEC, 16:00-17:15 MW, Folwell Hall 123, In Person Term Based; Tony C. Brown ; 3 cr.

3111W Close Reading

(Student Option; LITR,WI)

52494 001 LEC, 9:45-11:00 MW, Folwell Hall 122, In Person Term Based; Thomas Pepper ; 3 cr.

3123 Jewish Writers and Rebels in German, Austrian, and American Culture

(Student Option; Prereq: No knowledge of German required; Extra work in German must be done in order to count this course toward a German minor or a German, Scandinavian, Dutch major.)

69373 001 DIS, 11:15-12:30 TTh, Nicholson Hall 315, In Person Term Based; Meets With: 001 GER 3631001 JWST 3631; Leslie Morris ; 3 cr.

3175 Comedy: Text and Theory

(Student Option; AH)

51287 001 LEC, 9:45-11:00 TTh, Nicholson Hall 35, In Person Term Based; Margaret Hennefeld ; 3 cr.

3210 Cinema and Ideology

(Student Option; AH)

52493 001 LEC, 14:30-15:45 W, Nicholson Hall 145, 13:00-15:45 M, Nicholson Hall 325, In Person Term Based; Meets With: 001 SCMC 3210; Jesse Lawson ; 4 cr.

3211 Oppositional Cinemas

(Student Option; GP)

51414 001 LAB, 16:00-17:15 W, Nicholson Hall 335, 14:30-17:15 M, Nicholson Hall 110, In Person Term Based; Aleksander Sedzielarz ; 4 cr.

3212W Documentary Cinema: History and Politics

(Student Option; WI)

66967 001 LEC, 18:00-21:00 Th, Nicholson Hall 125, In Person Term Based; Christopher Moore ; 4 cr.

3220 Screen Cultures

(Student Option;)

52492 001 LEC, 11:15-12:30 TTh, Nicholson Hall 325, In Person Term Based; Meets With: 001 SCMC 3220; Graeme Stout ; 3 cr.

3221 On Television

(Student Option; CIV)

50044 001 LEC, 13:00-14:15 TTh, Nicholson Hall 110, In Person Term Based; Meredith Gill ; 3 cr.
51342 002 LEC, 18:20-20:50 W, Nicholson Hall 110, In Person Term Based; Meredith Gill ; 3 cr.

3250 Music as Discourse

(Student Option; AH)

67569 001 LEC, 13:00-14:15 MW, Nicholson Hall 145, In Person Term Based; Mikkel Vad ; 3 cr.

3310W The Rhetoric of Everyday Life

(Student Option; CIV,WI)

50155 001 LEC, 14:30-15:45 TTh, Nicholson Hall 145, In Person Term Based; Erin Trapp ; 3 cr.
51401 002 LEC, 17:00-18:15 TTh, Ford Hall B53, In Person Term Based; Erin Trapp ; 3 cr.

3323 Science and Culture

(Student Option; AH)

51431 001 LEC, 11:15-12:30 MW, Folwell Hall 108, In Person Term Based; Robert Brown Jr ; 3 cr.

3334 Monsters, Robots, Cyborgs

(Student Option; LITR)

50330 001 LEC, 13:00-14:15 MW, Nicholson Hall 275, In Person Term Based; Matthew Hadley ; 3 cr.

3335 Aliens

(Student Option; DSJ)

51343 001 LEC, 18:20-20:50 Th, Folwell Hall 122, In Person Term Based; Emily Capper ; 3 cr.

3350W Sexuality and Culture

(Student Option; DSJ,WI)

50588 001 LEC, 9:45-11:00 MW, Nicholson Hall 315, In Person Term Based; Michelle Lekas ; 3 cr.
51051 002 LEC, 14:30-15:45 MW, Nicholson Hall 315, In Person Term Based; Michelle Lekas ; 3 cr.

3351W The Body and the Politics of Representation

(Student Option; HIS,WI)

51402 001 LEC, 18:20-20:50 T, Nicholson Hall 335, In Person Term Based; Eva Hudecova ; 3 cr.
51593 002 LEC, 16:00-17:15 TTh, Nicholson Hall 145, In Person Term Based; Thomas David ; 3 cr.

3405 Marx for Today

(Student Option;)

52638 001 LEC, 9:45-11:00 MW, Nicholson Hall 145, In Person Term Based; Meredith Gill ; 3 cr.

3993 Directed Study

(Student Option; Prereq-instr consent, dept consent, college consent.)

50003 001 IND, 00:00-00:00 , In Person Term Based; 1-3 cr.

4993 Directed Study

(A-F or Audit;)

50189 001 IND, 00:00-00:00 , In Person Term Based; 1-3 cr.

5305 Vision and Visuality: An Intellectual History

(A-F only;)

66969 001 DIS, 13:30-16:30 T, Blegen Hall 110, In Person Term Based; Meets With: 001 CL 5305001 CSDS 5305; Keya Ganguly ; 3 cr.

5555 Introduction to Semiotics**(Student Option;)**

66968 001 LEC, 14:30-15:45 MW, Nicholson Hall 125, In Person Term Based; Meets With: 001 CSDS 5555001 CL 5555; Thomas Pepper ; 3 cr.

5910 Topics in Cultural Studies and Comparative Literature**(Student Option;)**

52588 001 DIS, 18:20-20:50 W, Folwell Hall 122, In Person Term Based; Tony C. Brown ; 3-4 cr.

5944H Honors Thesis**(A-F only; Prereq: Candidate for honors in CSCL, consent of CSCL honors adviser)**

49858 001 IND, 00:00-00:00 , , In Person Term Based; 3 cr.

5993 Directed Study**(Student Option; Prereq-instr consent, dept consent, college consent.)**

49152 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

Curriculum and Instruction (CI)**832 Algebra Review****(Student Option; Prereq: 4 cr equiv or grade of at least C in [0713 or 0717 or 0721 or 0722 or 0822] or General Math Placement Test)**

47879 001 LEC, 9:05-11:00 MW, Appleby Hall 302, In Person Term Based; Meets With: 001 CI 1871; Douglas Robertson ; 0 cr.

47880 002 LEC, 9:05-11:00 TTh, Appleby Hall 302, In Person Term Based; Meets With: 002 CI 1871; Douglas Robertson ; 0 cr.

48019 003 LEC, 13:25-15:20 TTh, Appleby Hall 302, In Person Term Based; Meets With: 003 CI 1871; Douglas Robertson ; 0 cr.

48172 004 LEC, Completely Online; Douglas Robertson ; 0 cr.

1001 Introduction to the Elementary School (A-F or Audit;)

47355 001 LEC, 9:45-11:00 TTh, Peik Hall 325, In Person Term Based; Nimo Abdi ; 3 cr.

47389 002 LEC, 11:15-12:30 TTh, Peik Hall 40, In Person Term Based; Jennifer Niedzielski ; 3 cr.

47789 003 LEC, 13:00-14:15 TTh, Peik Hall 325, In Person Term Based; Jeff Henning-Smith ; 3 cr.

1032 Creating Identities: Learning In and Through the Arts**(Student Option; AH)**

48566 001 LAB, 9:05-11:00 MW, Appleby Hall 201, In Person Term Based; Betsy Maloney Leaf ; 4 cr.

48567 002 LAB, 12:20-14:15 MW, Appleby Hall 201, In Person Term Based; Timothy Babulski ; 4 cr.

48568 003 LAB, 9:05-11:00 TTh, Appleby Hall 201, In Person Term Based; Samuel Peck ; 4 cr.

48569 005 LAB, 13:25-15:20 TTh, Appleby Hall 201, In Person Term Based; Linda Buturian ; 4 cr.

67634 004 LAB, 11:15-13:10 TTh, Appleby Hall 201, In Person Term Based; Linda Buturian ; 4 cr.

1121 Educational Movements Past and Present: Multicultural Perspectives**(Student Option; DSJ,HIS)**

48570 001 LEC, 9:05-11:00 MW, Bruininks Hall 432B, In Person Term Based; Robert Poch ; 4 cr.

48571 002 LEC, 13:25-15:20 MW, Bruininks Hall 512B, In Person Term Based; Robert Poch ; 4 cr.

1124 Global Stories of Education: Literature for Young Adults**(Student Option; GP,LITR)**

48572 001 DIS, 11:15-12:30 MW, Elliott Hall N647, In Person Term Based; Elise Toedt ; 3 cr.

48573 002 DIS, 14:30-15:45 MW, Peik Hall 225, In Person Term Based; Kris Cory ; 3 cr.

48574 004 DIS, 13:00-14:15 TTh, Ford Hall 130, In Person Term Based; Kris Cory ; 3 cr.

67640 003 DIS, 11:15-12:30 TTh, Peik Hall 225, In Person Term Based; Julio Vega Cedenio ; 3 cr.

68189 005 DIS, 13:00-14:15 MW, Bruininks Hal 121, In Person Term Based; Elise Toedt ; 3 cr.

1150 Special Topics History**(Student Option; GP,HIS)**

67793 001 LEC, Completely Online; David Arendale ; 4 cr.

1563 Physics by Inquiry**(Student Option; PHYS)**

48615 002 LAB, 14:30-16:25 TTh, Bruininks Hall 131B, In Person Term Based; Miranda Straub ; 4 cr.

68167 003 LAB, 16:40-20:15 M, Bruininks Hall 131B, In Person Term Based; Travis Churchward ; 4 cr.

1806 College Algebra through Modeling**(Student Option; Prereq: Three yrs high school math or grade of at least C+ in PsTL 0731 or PsTL 0732 or CI 0832 or placement test score or instr consent(MATH))**

48575 001 LEC, 8:15- 9:30 MW, Peik Hall 165, In Person Term Based; Susan Staats ; 3 cr.

48576 002 LEC, 9:45-11:00 MW, Peik Hall 165, In Person Term Based; Susan Staats ; 3 cr.

48577 003 LEC, 14:30-15:45 MW, Peik Hall 215, In Person Term Based; Kyle Whipple ; 3 cr.

67778 004 LEC, 13:00-14:15 TTh, Peik Hall 225, In Person Term Based; Nathan Earley ; 3 cr.

1871 Computer Literacy and Problem Solving**(Student Option;)**

48508 001 LAB, 9:05-11:00 MW, Appleby Hall 302, In Person Term Based; Meets With: 001 CI 832; Douglas Robertson ; 4 cr.

48509 002 LAB, 9:05-11:00 TTh, Appleby Hall 302, In Person Term Based; Meets With: 002 CI 832; Douglas Robertson ; 4 cr.

48510 003 LAB, 13:25-15:20 TTh, Appleby Hall 302, In Person Term Based; Meets With: 003 CI 832; Douglas Robertson ; 4 cr.

48511 004 LAB, Completely Online; Douglas Robertson ; 4 cr.

1904 Picturebooks and Graphic Novels**(Student Option No Audit; GP)**

67628 001 LEC, 11:15-12:30 TTh, Peik Hall 325, In Person Term Based; Marek Oziwicz ; 3 cr.

1943W Science, Technology, and Society**(Student Option; TS,WI)**

68004 001 DIS, 13:30-14:45 MW, Lrng & Environmental Sci 139A, In Person Term Based; Bhaskar Upadhyay ; 3 cr.

2311W Introduction to Technology and Ethics in Society**(Student Option; CIV,WI)**

47738 001 LEC, Completely Online; Matti Koivula ; 3 cr.

47761 002 LEC, Completely Online; Jolie Kennedy ; 3 cr.

48004 003 LEC, Completely Online; Neal Fredrickson ; 3 cr.

48107 004 LEC, Completely Online; Matti Koivula ; 3 cr.

2312 Sex, Drugs, and the Internet: Educational Perspectives**(A-F only;)**

48035 001 DIS, Completely Online; Jennifer England ; 3 cr.

48036 002 DIS, Completely Online; Ann Fandrey ; 3 cr.

3001 Engaged Arts Learning in Elementary Classrooms**(A-F or Audit;)**

48010 001 LAB, 9:05-11:00 W, Peik Hall 40, In Person Term Based; Samuel Peck ; 2 cr.

48011 002 LAB, 9:05-11:00 F, Peik Hall 40, In Person Term Based; Heather Delisle ; 2 cr.

67629 003 LAB, 11:30-13:25 F, Peik Hall 40, In Person Term Based; Heather Delisle ; 2 cr.

3211 Introduction to Elementary Teaching**(A-F only; Prereq: [Elementary ed or early childhood ed foundations major], concurrent practicum experience)**

47957 001 DIS, 8:30-11:00 T, Peik Hall 40, In Person Term Based; Meghan Phadke ; 3 cr.

47958 002 DIS, 8:30-11:00 T, Peik Hall 385, In Person Term Based; Cynthia Zwicky ; 3 cr.

3212 Practicum: Elementary Teaching**(S-N only; Prereq: concurrent registration is required (or allowed) in 5111, [elementary education foundations or early childhood foundations] major)**

47945 001 FWK, 7:45-11:45 WF, Room TBA, In Person Term Based; Cynthia Zwicky ; 2 cr.

3283 Practicum: Special Education K-6**(S-N only; Prereq: concurrent registration is required (or allowed) in EDPSY 5613, concurrent registration is required (or allowed) in EDPSY 5616, elementary education: foundations major)**

47946 001 FWK, 8:00-12:00 TTh, No Room Required, In Person Term Based; Cynthia Zwicky ; 2 cr.

3401W Diversity in Children's Literature**(A-F or Audit; WI)**

47751 001 LEC, 12:20-15:00 M, Peik Hall 365, In Person Term Based; Danielle Heinele ; 3 cr.

47876 002 LEC, 12:20-15:00 W, Peik Hall 365, In Person Term Based; Nicholas Kleese ; 3 cr.

47877 003 LEC, 15:35-18:15 W, Peik Hall 48, In Person Term Based; Jodi Baker ; 3 cr.

3610 Linguistics for Teachers**(A-F only; SOCS)**

48066 001 LEC, 14:30-15:45 MW, Peik Hall 325, In Person Term Based; Amanda Swearingen ; 3 cr.

48067 002 LEC, 10:15-11:30 MW, Peik Hall 325, In Person Term Based; Kate Trexel ; 3 cr.

48340 003 LEC, 14:30-15:45 TTh, Peik Hall 325, In Person Term Based; Shane Sletten ; 3 cr.

3611W Basics in Teaching English as a Second Language**(Student Option No Audit; Prereq: Have studied another language.WI)**

48283 001 LEC, 10:10-12:50 Th, Peik Hall 365, Partially Online; Mengying Liu ; 4 cr.

48284 002 LEC, 14:30-16:25 TTh, Peik Hall 365, In Person Term Based; Mengying Liu ; 4 cr.

48341 003 LEC, 14:30-16:25 MW, Peik Hall 46, In Person Term Based; Holly Wegner ; 4 cr.

3612 Introduction to Pronunciation and Grammar for ESL Teachers**(Student Option No Audit; Prereq: An Introduction to Linguistics course, e.g., CI 3610 or LING 3001)**

48285 001 LEC, 10:10-12:05 MW, Peik Hall 48, In Person Term Based; Suzanne Mccurdy ; 4 cr.

48286 002 LEC, 13:25-15:20 TTh, Peik Hall 48, In Person Term Based; Suzanne Mccurdy ; 4 cr.

3613 Intercultural Communication and English Language Teaching**(Student Option No Audit;)**

48287 001 LEC, 13:00-14:15 MW, Peik Hall 46, In Person Term Based; Anuradha Gopalakrishnan ; 3 cr.

67630 002 LEC, 10:10-11:30 T, Peik Hall 25, Partially Online; Yi-Ju Lai ; 3 cr.

3902 Exploring the Teaching Profession II**(A-F only; Prereq: CI 3901, admission to DirecTrack to Teaching or department consent)**

47910 001 LEC, 17:00-20:00 T, Peik Hall 365, In Person Term Based; Jehanne Beaton ; 2 cr.

69988 002 LEC, 17:00-20:00 T, Peik Hall 46, In Person Term Based; Jehanne Beaton ; 2 cr.

4121 Culture Power and Education**(A-F only;)**

48415 001 DIS, 16:40-19:20 Th, Peik Hall 46, In Person Term Based; Alissa Case ; 3 cr.

68012 002 DIS, 8:30-11:00 F, Peik Hall 46, In Person Term Based; Alissa Case ; 3 cr.

4122 Social Class Education and Pedagogy**(A-F only;)**

48416 001 DIS, 16:40-19:20 M, Peik Hall 46, In Person Term Based; Blanca Caldas Chumbes ; 3 cr.

68011 002 DIS, 16:40-19:20 T, Peik Hall 40, In Person Term Based; Tracy Leitl ; 3 cr.

4311W Technology and Ethics in Society**(Student Option; CIV,WI)**

47940 001 LEC, Completely Online; Angelica Pazurek ; 3 cr.

47941 002 LEC, Completely Online; Angelica Pazurek ; 3 cr.

4312 Sex, Drugs, and the Internet: Educational Perspectives**(A-F only;)**

48037 001 DIS, Completely Online; Angelica Pazurek ; 3 cr.

4602 English Learners and Academic Language**(A-F only;)**

48425 001 DIS, 9:00-15:00 Sa, Bruininks Hall 114, Primarily Online; Gina Keenan ; 1 cr.

48426 002 DIS, 9:00-15:00 Sa, Bruininks Hall 144, Primarily Online; Gina Keenan ; 1 cr.

5008 Theory and Practice of Arts Teaching**(A-F or Audit;)**

48528 001 LEC, 9:30-12:30 MTWThF, Peik Hall 40, In Person Term Based; Timothy Babulski ; 1-2 cr.

5097 Student Teaching in Arts Education**(S-N or Audit;)**

48115 001 FWK, 16:40-19:20 M, Peik Hall 40, In Person Term Based; Betsy Maloney Leaf ; 8 cr.

- 5535 Foundations of Science Education**
(A-F or Audit; Prereq: M.Ed., grad student, or instr consent)
47356 001 LEC, Completely Online; Fred Finley ; 3 cr.
- 5552 Reflecting on Science Classroom Practices II**
(A-F only;)
48457 001 DIS, Completely Online; Scot Hovan ; 1.5 cr.
- 5597 Clinical Experience in Secondary School Science Teaching**
(S-N or Audit; Prereq: initial licensure or instr consent)
47372 001 FWK, In Person Term Based; Barbara Billington ; 4-8 cr.
- 5615 Academic English for English Learners: Planning, Assessment, Instruction**
(A-F only;)
48432 001 FWK, 17:15-20:15 T, No Room Required, Partially Online; Jana Hilleren Bassett ; 2 cr.
- 5618 Academic Language and English Learners II**
(A-F only; Prereq: Enrolled in teacher initial licensure program)
48141 001 FWK, 9:00-12:00 Sa, Bruininks Hall 114, 9:00-12:00 Sa, Rapson Hall 56, Primarily Online; Caleb Zilmer ; 1 cr.
48149 002 FWK, 9:00-12:00 Sa, Bruininks Hall 114, 9:00-12:00 Sa, Rapson Hall 56, Primarily Online; Caleb Zilmer ; 1 cr.
48150 003 FWK, 9:00-15:00 Sa, Bruininks Hall 114, 9:00-12:00 Sa, Rapson Hall 56, Primarily Online; Caleb Zilmer ; 1 cr.
48151 004 FWK, 9:00-12:00 Sa, Bruininks Hall 114, 9:00-12:00 Sa, Rapson Hall 56, Primarily Online; Caleb Zilmer ; 1 cr.
48152 005 FWK, 9:00-12:00 Sa, Bruininks Hall 114, 9:00-12:00 Sa, Rapson Hall 56, Primarily Online; Caleb Zilmer ; 1 cr.
- 5619 Teaching World Languages and Cultures in Elementary Settings**
(Student Option;)
67663 001 LEC, 16:40-19:20 M, Peik Hall 365, In Person Term Based; Alice Yang ; 3 cr.
- 5634 Content-Based Instruction in Second Language Settings**
(A-F or Audit; Prereq: SLC initial licensure only)
47296 001 LEC, 13:25-16:25 Th, Peik Hall 355, In Person Term Based; Karla Stone ; 3 cr.
- 5635 Culture and Diversity in Second Language Classrooms**
(Student Option; Prereq: Initial licensure program only)
47294 001 LEC, 13:25-16:25 T, Peik Hall 355, In Person Term Based; Samuel David ; 3 cr.
- 5637 Problems of Practice in Second Language Education: Seminar for Early Career Language Teachers Part 2**
(A-F only; Prerequisite: Completion of CI 5636 or instructor consent.)
68002 001 DIS, Completely Online; Caleb Zilmer ; 1.5 cr.
- 5648 Advanced Practices in Teaching Academic Language**
(A-F only; Prereq: Grad student, instr consent)
48266 001 DIS, Completely Online; Susan Ranney ; 3 cr.
- 5649 Language Analysis for ESL Teaching in Higher Ed**
(Student Option No Audit; Prereq: 5646)
48288 001 LEC, 16:40-19:20 W, Peik Hall 40, In Person Term Based; Kendall King ; 4 cr.
- 5654 Practicum in Language Teaching: ESL and World Languages**
(S-N only;)
48289 001 FWK, 16:40-19:20 T, Appleby Hall 226, In Person Term Based; Michael Anderson ; 1-6 cr.
- 5657 Teaching Speaking and Listening in Second Language Classrooms**
(A-F or Audit;)
47792 001 LEC, 16:40-19:20 Th, Peik Hall 355, In Person Term Based; Kate Paesani ; 3 cr.
- 5662 Second Language Curriculum Design**
(A-F or Audit;)
47823 001 LEC, 16:40-19:20 T, Peik Hall 355, In Person Term Based; Caroline Maguire ; 3 cr.
- 5671 Curriculum Development and Assessment in Dual Language/Immersion Classrooms**
(Student Option; Prereq: instr consent)
67666 004 LEC, Primarily Online; Cory Mathieu ; 3 cr.
- 5672 Language-Focused Instructional Practices and Strategies for Dual Language/Immersion Classrooms**
(Student Option; Prereq: instr consent)
67395 300 LEC, In Person Term Based; Stephanie Owen-Lyons ; 3 cr.
- 5693 Directed Study in Second Languages and Cultures**
(Student Option; Prereq: instr consent)
47739 001 LEC, Independent/Directed Study; Kendall King, Martha Bigelow, Blanca Caldas Chumbes, Samuel David ; 1-4 cr.
- 5696 Practicum: Teaching World Languages and Cultures in Elementary Schools**
(Student Option; Prereq: 5619, adviser approval; credits cannot be counted on a graduate degree program for endorsement candidates)
47289 001 LEC, In Person Term Based; Alice Yang ; 2-6 cr.
- 5697 Practicum: ESL in the Elementary School**
(Student Option; Prereq: Adviser approval)
47741 001 LEC, In Person Term Based; Alice Yang ; 2-6 cr.
- 5698 Student Teaching in Second Languages and Cultures**
(Student Option; Prereq: Adviser approval; credits cannot be counted on a graduate degree program)
47340 001 FWK, In Person Term Based; Alice Yang ; 2-6 cr.
- 5699 Clinical Experiences in Second Languages**
(A-F or Audit; Prereq: SLC initial licensure program only)
47341 001 FWK, 13:25-16:25 M, Peik Hall 40, In Person Term Based; Karla Stone, Susan Johnson, Leah Shepard-Carey ; 3-12 cr.
47341 001 FWK, 13:25-16:25 M, Peik Hall 40, In Person Term Based; Karla Stone, Susan Johnson, Leah Shepard-Carey ; 3-12 cr.
- 5744 Seminar: Reflecting on Professional Development in Social Studies Education**
(A-F only; Prereq: Secondary social studies initial licensure student)
47313 001 LEC, 17:30-20:00 Th, Peik Hall 325, In Person Term Based; Todd Beach ; 3 cr.
- 5746 Global and Multicultural Education in the Secondary Classroom**
(A-F only;)
48476 001 DIS, 16:40-20:00 T, Peik Hall 225, In Person Term Based; J.B. Mayo ; 3 cr.
- 5762 Developing Civic Discourse in the Social Studies**
(A-F or Audit;)
48498 001 LEC, 16:40-20:00 T, Appleby Hall 223, In Person Term Based; Scott Glew ; 3 cr.
- 5782 Clinical Experiences in Teaching Social Studies**
(S-N or Audit; Prereq: MEd/initial licensure student)
47382 001 FWK, In Person Term Based; Daniel Bordwell, Heather Abrahamson, George Dalbo ; 1-8 cr.
- 5980 Clinical Experiences for K-12 Teaching**
(A-F only;)
48464 200 FWK, In Person Term Based; Andrew Rummel ; 1-4 cr.
- 5983 Equity-Based Pedagogy/Advocacy**
(A-F only;)
67674 001 FWK, In Person Term Based; Kara Coffino ; 1 cr.
- 5985 Academic Language and English Learners in the Content Areas**
(A-F only;)
48466 200 FWK, In Person Term Based; 1 cr.
- 5988 Clinical Experience: Improvement of Teaching**
(A-F only;)
48433 001 FWK, 17:15-20:15 W, Room TBA, In Person Term Based; Christy Pettis ; 2 cr.
67396 300 FWK, In Person Term Based; 2 cr.
- 8085 Narrative Inquiry in Education**
(Student Option;)
68005 001 DIS, 13:25-16:05 Th, Peik Hall 40, In Person Term Based; Jehanne Beaton ; 3 cr.
70057 002 DIS, 13:25-16:05 Th, Peik Hall 46, In Person Term Based; Laura Willemssen ; 3 cr.
- 8095 Problems: Art Education**
(Student Option; Prereq: Grad art educ major or instr consent)
48065 001 IND, Independent/Directed Study; 1-12 cr.
- 8131 Curriculum and Instruction Core: Critical Examination of Curriculum in Context**
(A-F or Audit; Prereq: CI PhD or MA student or instr consent)
47472 001 LEC, 16:40-19:20 Th, Peik Hall 155, In Person Term Based; Patricia Avery ; 3 cr.
- 8132 Curriculum and Instruction Core: Teaching Theory and Research**
(A-F or Audit; Prereq: CI PhD or MA student or instr consent)
47740 001 LEC, 13:25-16:05 T, Peik Hall 40, In Person Term Based; Mistilina Sato ; 3 cr.
- 8135 Foundations of Research in Curriculum and Instruction II**
(A-F or Audit;)
48525 001 DIS, 16:40-19:20 W, Peik Hall 365, In Person Term Based; Nina Asher, Bodong Chen ; 3 cr.
- 8149 Qualitative Research: Coding, Analysis, Interpretation, and Writing**
(A-F or Audit; Prereq: [8133, 8148, grad student, completion of a qualitative research study] or instr consent)
48477 001 LEC, 16:40-19:20 M, Peik Hall 48, In Person Term Based; David O'Brien ; 3 cr.
- 8150 Research Topics in Curriculum & Instruction**
(A-F only;)
70077 001 LEC, 12:00-16:00 F, Peik Hall 46, In Person Term Based; Nina Asher ; 3 cr.
- 8162 Research Experience II: Data Analysis and Manuscript Preparation**
(Student Option No Audit; Prereq: 8161)
67678 001 LEC, 9:30-12:00 W, Peik Hall 365, In Person Term Based; Samuel David ; 3 cr.
- 8195 Problems: Improvement of Instruction**
(Student Option; Prereq: instr consent)
48439 001 IND, In Person Term Based; 1-6 cr.
- 8196 Practicum in Teaching in Colleges of Education**
(S-N only;)
48532 001 FWK, In Person Term Based; 1 cr.
- 8197 Problems: Curriculum Studies**
(A-F or Audit; Prereq: MA student)
67679 001 IND, In Person Term Based; 1-4 cr.
- 8198 Problems: Teacher Education**
(Student Option; Prereq: instr consent)
47770 001 IND, In Person Term Based; 1-6 cr.
- 8333 FTE: Master's**
(No Grade Associated; Prereq: Master's student, adviser approval, DGS approval)
47516 001 IND, In Person Term Based; 1 cr.
- 8395 Directed Study: Learning Technologies**
(A-F only; Prereq: instr consent)
47511 001 IND, In Person Term Based; 1-6 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser approval, DGS approval)

47517 001 IND, In Person Term Based; 1-3 cr.

8470 Special Topics on Literacy

(Student Option; Prereq: [MA or PhD] student)

68174 001 LEC, 16:40-19:20 T, Peik Hall 385, In Person Term Based; Lori Helman ; 1-6 cr.

8492 Readings in English Education and Reading

(Student Option; Prereq: instr consent)

47771 001 IND, Independent/Directed Study; 1-3 cr.

8495 Problems: Teaching English and Reading

(A-F or Audit; Prereq: instr consent)

47772 001 IND, Independent/Directed Study; 1-6 cr.

8570 Advanced Topics in Science Education

(A-F or Audit; Prereq: instr consent)

68200 001 LEC, 16:40-19:20 T, Lrng & Environmental Sci 139A, In Person Term Based; Barbara Billington ; 1-4 cr.

8571 Equity, Policy, and Social Justice in Science Education

(Student Option No Audit; Prereq: Science ed or STEM grad student or instr consent)

67680 001 LEC, 16:40-19:20 M, Lrng & Environmental Sci 139A, In Person Term Based; Bhaskar Upadhyay ; 3 cr.

8595 Problems: Science Education

(Student Option; Prereq: CI grad student or instr consent)

47373 001 IND, In Person Term Based; Fred Finley, Gillian Roehrig, Bhaskar Upadhyay, Julie Brown ; 1-6 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

47518 001 IND, In Person Term Based; 1-6 cr.

8689 Language and Education Policy

(A-F or Audit;)

67683 001 DIS, 9:30-12:00 T, Peik Hall 355, In Person Term Based; Kendall King ; 3 cr.

8691 Readings in Second Languages and Cultures Education

(Student Option; Prereq: instr consent)

47291 001 IND, In Person Term Based; Kendall King, Martha Bigelow, Blanca Caldas Chumbes, Samuel David ; 1-3 cr.

8695 Problems: Second Languages and Cultures Education

(Student Option; Prereq: instr consent)

47290 001 IND, In Person Term Based; Kendall King, Martha Bigelow, Blanca Caldas Chumbes, Samuel David ; 1-6 cr.

8742 Seminar: Research in Social Studies Education

(A-F or Audit; Prereq: CI grad student or instr consent)

67685 001 LEC, 16:40-19:20 M, Peik Hall 31, In Person Term Based; Patricia Avery ; 3 cr.

8777 Thesis Credits: Master's

(No Grade Associated;)

47760 001 IND, In Person Term Based; 1-18 cr.

8795 Problems: Social Studies Education

(Student Option; Prereq: CI grad student or instr consent)

47510 001 IND, In Person Term Based; Patricia Avery, J.B. Mayo ; 1-6 cr.

8796 Research Internship in Social Studies Education

(A-F or Audit; Prereq: CI grad student)

47750 001 FWK, In Person Term Based; Patricia Avery, J.B. Mayo ; 1-6 cr.

8888 Thesis Credits: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

47519 001 IND, In Person Term Based; 1-24 cr.

Dakota (DAKO)**1122 Beginning Dakota II**

(Student Option; Prereq: 1121)

50605 001 LEC, 9:05- 9:55 MTWThF, Folwell Hall 108, In Person Term Based; Meets With: 001 DAKO 4122; Wayne Bendickson ; 5 cr.

3124 Intermediate Dakota II

(Student Option; Prereq: 1121, 1122, 3123)

50606 001 LEC, 10:10-11:00 MTWThF, Folwell Hall 108, In Person Term Based; Meets With: 001 DAKO 4124; Wayne Bendickson ; 5 cr.

3127 Dakota Language for Teachers

(A-F only; Prereq: 1121)

51008 001 LEC, 11:15-12:30 TTh, Folwell Hall 32, In Person Term Based; Neil McKay ; 3 cr.

4122 Beginning Dakota II

(Student Option; Prereq: [1121, 1004 in another language] or passing score on LPE or grad student)

52633 001 LEC, 9:05- 9:55 MTWThF, Folwell Hall 108, In Person Term Based; Meets With: 001 DAKO 1122; Wayne Bendickson ; 3 cr.

4124 Intermediate Dakota II

(Student Option; Prereq: 1121, 1122, 3123)

52634 001 LEC, 10:10-11:00 MTWThF, Folwell Hall 108, In Person Term Based; Meets With: 001 DAKO 3124; Wayne Bendickson ; 3 cr.

5129 Advanced Dakota Language II

(A-F or Audit;)

50598 001 LEC, 14:30-15:20 MWF, Folwell Hall 31, In Person Term Based; Neil McKay ; 3 cr.

Dance (DNCE)**1001 Modern Dance Technique 1**

(Student Option;)

51308 001 LAB, 10:10-11:40 TTh, , In Person Term Based; 1 cr.

1020 Modern Dance Technique 4

(Student Option; Prereq: 1010, dept consent, audition)

49088 001 LAB, 12:20-13:50 TTh, , In Person Term Based; Sarah Baumert ; 1-2 cr.

49927 002 LAB, 12:20-13:50 MTThF, , In Person Term Based; Erin Thompson ; 1-2 cr.

1040 Modern Dance Partnering Technique

(A-F only; Prereq: Dance major or instr consent)

51641 001 LAB, 14:05-15:35 W, , In Person Term Based; Carl Flink ; 1 cr.

1102 Ballet Technique 2

(Student Option; Prereq: 1101, or audition, or instr consent)

49054 001 LAB, 17:00-18:15 MW, , In Person Term Based; Tina Wallum ; 1 cr.

1120 Ballet Technique 4

(Student Option; Prereq: 1110, dept consent, audition)

49040 001 LAB, 8:25- 9:55 MWF, Barbara Barker Ctr Dance 300, In Person Term Based; Tina Wallum ; 2 cr.

1202 Jazz Technique 2

(Student Option; Prereq: 1201 or audition or instr consent)

49124 001 LAB, 18:30-19:45 TTh, , In Person Term Based; Karla Groting ; 1 cr.

1220 Jazz Technique 4

(Student Option; Prereq: 1210, dept consent, audition)

49125 001 LAB, 8:25- 9:55 TTh, , In Person Term Based; Karla Groting ; 1 cr.

1302 Tap Technique 2

(Student Option; Prereq: 1301 or instr consent)

48967 001 LAB, 17:00-18:15 TTh, Peik Gymnasium G55, In Person Term Based; Ellen Keane ; 1 cr.

1331 Yoga

(Student Option;)

50019 001 LAB, 8:25- 9:55 TTh, , In Person Term Based; Sarah Baumert ; 1 cr.

50266 002 LAB, 10:10-11:40 TTh, , In Person Term Based; Sarah Baumert ; 1 cr.

1343 Hip Hop Movement

(Student Option No Audit;)

51381 001 LAB, 12:20-13:50 MW, Peik Gymnasium G55, In Person Term Based; Herbert Johnson ; 1 cr.

69471 002 LAB, 17:00-18:15 MW, Peik Gymnasium G55, In Person Term Based; Jason Noer ; 1 cr.

1345 Alexander Technique for Movement Artists

(Student Option No Audit;)

50958 001 LAB, 12:20-13:50 W, , In Person Term Based; Erin Thompson ; 2 cr.

1349 Contact Improvisation

(Student Option;)

51760 001 LAB, 14:05-15:35 W, , In Person Term Based; Kristin Vanloon, Arwen Wilder ; 1 cr.

1354 African Diasporic Movement 4

(Student Option No Audit; Prereq: 1353 or audition or instr consent)

50986 001 LAB, 10:10-11:40 TTh, , In Person Term Based; Michel Kouakou ; 1 cr.

1401 Introduction to Dance

(Student Option No Audit; AH)

49717 001 LEC, 10:10-11:40 MW, Blegen Hall 155, In Person Term Based; Cindy Garcia ; 3 cr.

3020 Modern Dance Technique 6

(Student Option; Prereq: 3010, dept consent, audition)

49120 001 LAB, 14:05-15:35 MTThF, , In Person Term Based; Joan Smith ; 2 cr.

3120 Ballet Technique 6

(Student Option; Prereq: 3110, dept consent, audition)

49041 001 LAB, 8:25- 9:55 MWF, Barbara Barker Ctr Dance 200, In Person Term Based; Penelope Freeh ; 2 cr.

49526 002 LAB, 8:25- 9:55 MWF, Barbara Barker Ctr Dance 100, In Person Term Based; Abdo Sayegh Rodriguez ; 2 cr.

3220 Jazz Technique 6

(Student Option; Prereq: 3210, dept consent, audition)

49126 001 LAB, 12:20-13:50 TTh, , In Person Term Based; Linda Lee ; 1 cr.

3302 Tap Technique 4

(Student Option; Prereq: 3301 or instr consent)

48973 001 LAB, 18:30-19:45 TTh, Peik Gymnasium G55, In Person Term Based; Ellen Keane ; 1 cr.

3402W Dance History 2

(Student Option; Prereq: 3401WWW)

49401 001 LEC, 10:10-11:40 TTh, , In Person Term Based; Ananya Chatterjea ; 3 cr.

3433 Articulate Body

(Student Option; Prereq: Dnce major, dept consent)

49402 001 LEC, 10:10-11:40 MW, , In Person Term Based; Margaret Fargnoli ; 3 cr.

3434 Nutrition and Body Maintenance for Movement Artists

(Student Option No Audit;)

50957 001 LEC, 12:20-13:50 W, , In Person Term Based; Allison Doughty ; 2 cr.

3500 Topics in Dance

(A-F or Audit;)

69947 001 LAB, 15:45-18:15 MW, , In Person Term Based; Sarah Baumert ; 1-3 cr.

3601 Dance Composition 1

(Student Option; Prereq: 1020, 1601, concurrent regis in a modern dance technique course, dept consent)

49925 001 LAB, 10:10-11:40 MWF, , In Person Term Based; Michel Kouakou ; 3 cr.

49926 002 LAB, 10:10-11:40 MWF, , In Person Term Based; Angharad Davies ; 3 cr.

3622 Dance Production II

(A-F or Audit; Prereq: 3621, dance major, dept consent)

51758 001 LAB, 18:30-20:00 MW, , In Person Term Based; Maggie Bergeron ; 2 cr.

3700 Performance

(Student Option; Prereq: Concurrent enrollment in a technique course, audition, dept consent)

49130 001 LAB, 15:45-18:15 MTWThF, , 10:00-13:00 Sa, , 15:45-18:15 MTWThF, , In Person Term Based; Joan Smith ; 1 cr.

3901 Survival Strategies in Dance

(A-F or Audit; Prereq: Dance major, dept consent)

51759 001 LEC, 8:25- 9:55 TTh, , In Person Term Based; Maggie Bergeron ; 3 cr.

4601 Dance Composition 3

(Student Option; Prereq: 3602, concurrent regis in a modern dance technique course, dept consent)
50753 001 LAB, 12:20-13:50 MWF, , In Person Term Based; Carl Flink ; 3 cr.
50754 002 LAB, 12:20-13:50 MWF, , In Person Term Based; Joan Smith ; 3 cr.

5020 Modern Dance Technique 8

(Student Option; Prereq: 5010, dept consent, audition)
49126 001 LAB, 14:05-15:35 MTThF, , In Person Term Based; Michel Kouakou, Carl Flink ; 2 cr.

5040 Modern Dance Technique Level 10

(Student Option;)
69475 001 LAB, 14:05-15:35 MTThF, , In Person Term Based; Ananya Chatterjea, Erin Thompson ; 2 cr.

5120 Ballet Technique 8

(Student Option; Prereq: 5110, dept consent, audition)
51756 001 LAB, 8:25- 9:55 TTh, , In Person Term Based; Penelope Freeh ; 1 cr.

5493 Choreographing Social Justice: Staging "Equitable" Choreographies

(A-F only; Prereq: 4443 recommended)
69474 001 LEC, 12:20-13:50 TTh, , In Person Term Based; Ananya Chatterjea ; 3 cr.

5601 Dance Composition 5

(Student Option; Prereq: 4601, 4602, dept consent)
50149 001 LAB, 10:10-11:40 F, , In Person Term Based; Joan Smith ; 1 cr.

5993 Directed Studies

(Student Option; Prereq-instr consent, dept consent, college consent.)
49744 001 IND, 00:00-00:00 , , In Person Term Based; Carl Flink ; 1-4 cr.

Data Science (DSCI)

5994 Directed Research

(Student Option;)
69265 001 IND, In Person Term Based; 1-3 cr.

8760 Data Science M.S. Plan B Project

(S-N only;)
67653 001 IND, In Person Term Based; Daniel Boley ; 3 cr.

8970 Data Science M.S. Colloquium

(S-N or Audit;)
67654 001 LEC, In Person Term Based; Daniel Boley ; 1 cr.

8991 Independent Study

(Student Option; Prereq: instr consent)
69266 001 IND, In Person Term Based; 1-3 cr.

Denmark's Intl Study Program (DIS)

Dental Hygiene (DH)

2212 Communication for Oral Health Providers

(A-F only; Prereq: DH student)
53550 001 LEC, 9:00-10:40 Th, Moos Health Sci Tower 8-348, In Person Term Based; 2 cr.

2221W Periodontology

(A-F only; Prereq: DH studentWI)
53549 001 LEC, 13:00-14:40 Th, Moos Health Sci Tower 8-348, In Person Term Based; 3 cr.
53638 002 LAB, 13:00-16:45 Th, Moos Health Sci Tower 8-348, In Person Term Based; 3 cr.

2222 Dental Hygiene Care Process Clinical Application II

(A-F or Audit; Prereq: DH student)
53551 001 LEC, 13:15-14:05 T, Moos Health Sci Tower 8-348, In Person Term Based; 4 cr.
53552 002 FWK, 13:15-16:15 W, Moos Health Sci Tower 8-348, 9:00-12:00 MW, Moos Health Sci Tower 8-348, In Person Term Based; Yvette Reibel ; 4 cr.

2231 Cariology and Applied Nutrition in Dental Hygiene Care

(A-F or Audit; Prereq: DH student)
53651 001 LEC, 9:00-12:00 T, Moos Health Sci Tower 8-348, In Person Term Based; 3 cr.

3151 Oral and Maxillofacial Radiology

(A-F or Audit; Prereq: DH student)
53671 001 LEC, 14:45-15:45 F, Moos Health Sci Tower 2-620, 14:30-15:30 T, Moos Health Sci Tower 2-620, 14:45-15:45 F, Moos Health Sci Tower 2-620, 14:45-15:35 F, Moos Health Sci Tower 2-620, 14:45-15:45 F, Moos Health Sci Tower 2-620, 14:30-15:30 T, Moos Health Sci Tower 2-620, 14:45-15:45 F, Moos Health Sci Tower 2-620, In Person Term Based; Meets With: 001 DDS 6233; ; 2 cr.

4105 Dental Professional Development

(A-F only;)
53733 001 LEC, 8:30- 9:30 M, Moos Health Sci Tower 8-348, In Person Term Based; 1 cr.

4125W Dental Hygiene Care Process: Clinical Application V

(A-F only; Prereq: DH studentDSJ,WI)
53647 001 LEC, 9:00- 9:50 W, Moos Health Sci Tower 8-348, In Person Term Based; 6 cr.
53648 002 FWK, 13:15-16:15 MTTh, AHC ROOM TBA, 9:15-12:15 Th, AHC ROOM TBA, 8:00-12:15 T, AHC ROOM TBA, In Person Term Based; 6 cr.

4135W Research Methods in Dental Hygiene

(A-F only; Prereq: DHWI)
53654 001 LEC, 10:00-11:45 W, Moos Health Sci Tower 8-348, 9:45-10:35 M, Moos Health Sci Tower 8-348, In Person Term Based; 3 cr.

4136 Periodontology III Lecture

(A-F or Audit; Prereq: DH student)
53655 001 LEC, 7:30- 8:20 Th, Moos Health Sci Tower 2-620, 7:30- 8:20 F, Moos Health Sci Tower 2-530, 7:30- 8:20 Th, Moos Health Sci Tower 2-620, 7:30- 8:20 Th, Moos Health Sci Tower 2-620, 7:30- 8:20 F, Moos Health Sci Tower 2-620, 7:30- 8:20 Th, Moos Health Sci Tower 2-620, 7:30- 8:20 F, Moos Health Sci Tower 2-620, 7:30- 9:20 Th, Moos Health Sci Tower 2-620, In Person Term Based; Meets With: 001 DDS 6113; Deborah Johnson, ; 1 cr.

4139 Dental Public Health and Academic Service Learning II

(A-F only; Prereq: DH student)
53650 001 LEC, 10:45-12:00 M, Moos Health Sci Tower 8-348, In Person Term Based; 2 cr.

4191 Independent Study

(Student Option; Prereq: DH student)
53618 001 IND, 00:00-00:00 , , In Person Term Based; 0-6 cr.

4226 Dental Hygiene Care Process Clinical Application VI

(A-F only; Prereq: DH student)
53554 002 FWK, In Person Term Based; 6 cr.

5201 Management Internship

(S-N only; Prereq: Dental hygiene grad student)
53674 001 FWK, Independent/Directed Study; 5 cr.

5401 Research Methods in Health Sciences

(A-F only; Prereq: Dental hygiene grad student)
69181 001 LEC, 18:30-20:30 M, No Room Required, In Person Term Based; 3 cr.

5405 Curriculum and Course Development

(A-F only; Prereq: Dental Hygiene grad student)
69183 001 LEC, 18:30-20:30 W, No Room Required, In Person Term Based; 2 cr.

7000 Thesis/Capstone Independent Study

(No Grade Associated; Prereq: Dental hygiene grad student)
69945 001 IND, In Person Term Based; 0 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
69186 004 IND, 18:30-20:30 M, No Room Required, In Person Term Based; 1-18 cr.

Dental Therapy (DT)

4460 Essentials of Clinical Care I For the Dental Therapist

(S-N only;)
69540 001 FWK, In Person Term Based; Todd Thierer ; 3 cr.

5130 Preclinical Pediatric Dentistry

(A-F only; Prereq-DT grad program.)
53692 001 LEC, 8:00- 8:50 M, Moos Health Sci Tower 2-530, 8:00- 8:50 W, Moos Health Sci Tower 2-530, 8:00- 8:50 M, Moos Health Sci Tower 2-530, In Person Term Based; Meets With: 001 DDS 6131; Elise Sarvas ; 1 cr.

5321 Treatment Planning for the Dental Therapist

(S-N only;)
68900 001 LEC, 8:00-16:50 Th, Moos Health Sci Tower 1-450, 8:00-12:00 F, Moos Health Sci Tower 1-450, 8:00-16:50 M, Moos Health Sci Tower 1-450, 8:00-12:00 T, Moos Health Sci Tower 1-450, 8:00- 8:50 W, Moos Health Sci Tower 2-530, 8:00- 8:50 T, Moos Health Sci Tower 2-530, 8:00- 9:50 T, Moos Health Sci Tower 2-530, In Person Term Based; Meets With: 001 DDS 6314; Robert Nadeau, , Richard Nadeau ; 1 cr.

5410 Applied Dental Biomaterials

(A-F only; Prereq-2nd yr DT student.)
69703 001 LEC, In Person Term Based; Conrado Aparicio ; 1 cr.

5460 Essentials of Clinical Care I For the Dental Therapist

(S-N only;)
53719 001 FWK, 00:00-00:00 , , In Person Term Based; Karl Self ; 10 cr.

Dentistry (DENT)

6470 Health Ecology Elective

(Student Option;)
53579 001 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.

6480 Advanced General Dentistry Elective

(Student Option;)
53580 001 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.

6490 Health Ecology: Independent Study

(Student Option;)
53581 001 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.

7000 Dental Clinic

(Student Option;)
53633 001 LEC, 00:00-00:00 , , In Person Term Based; 1-6 cr.

7032 Field Experience: Administration in a Multidisciplinary Health Center

(Student Option;)
53561 001 FWK, 00:00-00:00 , , In Person Term Based; Stephen Shuman ; 1-3 cr.

7033 Teaching and Evaluation in Dentistry

(A-F or Audit; Prereq: Dent or OBio grad student or instr consent)
53562 001 LEC, 16:35-18:30 T, No Room Required, In Person Term Based; David Born ; 3 cr.

7051 Advanced Study in the Theory and Principles of Oral Medicine

(A-F only;)
53646 001 LEC, 00:00-00:00 , , In Person Term Based; 2 cr.

7052 Oral and Maxillofacial Radiologic Interpretation

(A-F or Audit;)
69889 001 LEC, In Person Term Based; Mansur Ahmad ; 2 cr.

7062 Special Oral Pathology II

(S-N only; Prereq-7061, resident [or grad student] in discipline other than oral pathology.)
53620 001 LEC, 15:30-16:30 Th, AHC ROOM TBA, In Person Term Based; Ioannis Koutlas ; 1 cr.

7071 General Practice Residency Dental Clinic

(S-N only;)

53687 001 FWK, 00:00-00:00 , , In Person Term Based;
Brian Singletary ; 13 cr.

7101 Management Philosophy for Dental Practices

(A-F only; Prereq: Dentistry grad student)
53556 001 LEC, 00:00-00:00 , , In Person Term Based;
Carolina Rodriguez-Figueroa ; 1 cr.

7111 Current Literature Review in Dentistry (A-F only; Prereq: Grad student in [dentistry or oral biology] or instr consent)

53634 001 LEC, 00:00-00:00 , , In Person Term Based;
Heather Conrad ; 2 cr.

7112 Treatment Planning Seminar

(A-F only;)
53625 001 LEC, 00:00-00:00 , , In Person Term Based;
Heather Conrad ; 2 cr.

7991 Independent Study

(Student Option No Audit; Prereq: Enrolled in an advanced dental education program)
53641 001 IND, 00:00-00:00 , , Independent/Directed Study;
Stephen Shuman ; 1-4 cr.

8031 Topics and Problems in Dental Education

(Student Option;)
53623 001 LEC, 00:00-00:00 , , In Person Term Based;
David Born ; 1-3 cr.

8081 Clinical Topics in TMD

(A-F only;)
70127 001 LEC, In Person Term Based; Brent Larson ; 2 cr.

8090 Evidence-based Clinical Pediatric Dentistry

(A-F or Audit;)
53622 001 LEC, In Person Term Based; 2 cr.

8100 Topics in Advanced Periodontology: Literature Review

(Student Option;)
53624 001 LEC, 12:00-13:00 T, AHC ROOM TBA, In Person Term Based; 2 cr.

8120 Advanced Principles and Techniques of Orofacial Pain Disorders

(A-F or Audit; Prereq: Participation in TMJ, orofacial pain advanced education program)
70245 001 LEC, 17:00-18:00 MW, Moos Health Sci Tower 6-258, In Person Term Based; Estephan Moana Filho ; 2 cr.

8121 Current Literature in TMD and Orofacial Pain

(A-F or Audit;)
53731 001 LEC, In Person Term Based; Estephan Moana Filho ; 1 cr.

8123 Advanced Topics in Orofacial Pain

(A-F or Audit; Prereq: Grad student in dentistry or other health sciences grad student or instr consent)
53616 001 LEC, 7:30- 8:30 MWF, AHC ROOM TBA, In Person Term Based; Estephan Moana Filho ; 2 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
53582 001 IND, In Person Term Based; 1 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
53586 001 IND, In Person Term Based; 1-18 cr.

Dermatology (DERM)

7182 Dermatology Preceptorship

(H-N only;)
64920 001 ROT, In Person Term Based; 4 cr.
64921 002 ROT, In Person Term Based; 4 cr.
64922 003 ROT, In Person Term Based; 4 cr.
64923 004 ROT, In Person Term Based; 4 cr.

7183 Advanced Dermatology

(H-N only;)
64926 001 ROT, In Person Term Based; 4 cr.
64927 002 ROT, In Person Term Based; 4 cr.
64928 003 ROT, In Person Term Based; 4 cr.
64929 004 ROT, In Person Term Based; 4 cr.

7185 Research in Dermatology

(H-N only;)
59129 099 IND, In Person Term Based; 8 cr.

7910 Dermatology Medical Residency

(No Grade Associated;)
59144 001 FWK, In Person Term Based; 6 cr.

7930 Dermatology Medical Fellowship

(No Grade Associated;)
59145 001 FWK, In Person Term Based; 6 cr.

Design (DES)

1000 D@MN: Design@Minnesota

(A-F only; AH)
46416 001 LEC, 13:00-14:15 MW, Rapson Hall 56, In Person Term Based; Emily Stover ; 3 cr.

1101W Introduction to Design Thinking

(A-F only; AH,WI)
46199 001 LEC, 8:45-10:00 TTh, McNeal Hall 33, In Person Term Based; Patricia Hemmis ; 4 cr.
46200 002 DIS, 8:30- 9:20 W, McNeal Hall 310, In Person Term Based; 4 cr.
46201 003 DIS, 9:35-10:25 W, McNeal Hall 310, In Person Term Based; 4 cr.
46202 004 DIS, 11:45-12:35 W, McNeal Hall 316, In Person Term Based; 4 cr.
46203 005 DIS, 10:40-11:30 T, McNeal Hall 262, In Person Term Based; 4 cr.
46204 006 DIS, 10:40-11:30 Th, McNeal Hall 262, In Person Term Based; 4 cr.

1111 Creative Problem Solving

(A-F only;)
46207 001 LEC, Completely Online; Meets With: 001 DES 1111H; Brad Hokanson ; 3 cr.

1111H Honors: Creative Problem Solving

(A-F only; Prereq: Honors)
70031 001 DIS, Completely Online; Meets With: 001 DES 1111; Brad Hokanson ; 3 cr.

1403 Impressionism in Paris and Southern France

(A-F only; GP)
68023 001 DIS, 9:35-12:30 F, McNeal Hall 262, In Person Term Based; Monica Fogg ; 3 cr.

1404 Housing Matters

(A-F only; DSJ)
68079 001 DIS, 9:05-11:35 T, Northrop Memorial Aud 110, In Person Term Based; Becky Yust ; 3 cr.

1406W Design in Rome and Naples

(A-F only; GP,WI)
68166 001 DIS, 9:35-11:30 W, McNeal Hall 250, In Person Term Based; James Boyd Brent ; 3 cr.

2101 Design and Visual Presentation

(A-F only;)
46208 001 LEC, 16:30-18:10 Th, McNeal Hall 316, In Person Term Based; 2 cr.
67064 002 LEC, Completely Online; Frances Trice ; 2 cr.

3131 User Experience in Design

(A-F only;)
46439 001 LEC, 18:15-19:05 Th, McNeal Hall 144, 18:15-21:00 T, McNeal Hall 144, In Person Term Based; Debra Lawton ; 4 cr.

3141 Technology, Design, and Society

(A-F only; TS)
46438 001 LEC, 17:45-19:00 MW, Bruininks Hall 420B, In Person Term Based; 3 cr.

3201 Career and Internship Preparation for Design

(A-F only; Prereq: Pre-graphic design or graphic design or pre-interior design or interior design or pre-apparel design or apparel design or environmental design or architecture or pre-product design or product design)
46144 001 LEC, 11:45-12:35 T, McNeal Hall 310, In Person Term Based; Christine Bartley ; 1 cr.
46145 002 LEC, 16:05-16:55 W, McNeal Hall 310, In Person Term Based; Kara Branyon ; 1 cr.
46397 004 LEC, 8:45- 9:30 T, Rapson Hall 58, In Person Term Based; Elizabeth Hruska ; 1 cr.
64914 003 LEC, 10:40-11:30 W, McNeal Hall 310, In Person Term Based; Dana Rehtzigel ; 1 cr.

3311 Travels in Typography

(A-F only;)
46152 001 LAB, 18:20-20:50 M, Rapson Hall 109, In Person Term Based; 3 cr.

3321 Furniture Design: Exploration

(A-F only;)
68192 001 LEC, 18:20-20:50 T, Northrop Memorial Aud 110, In Person Term Based; Thomas Oliphant ; 3 cr.

3331 Street Life Urban Design Seminar

(A-F only;)
46138 001 LEC, 13:25-15:55 T, Rapson Hall 109, In Person Term Based; Carrie Christensen ; 3 cr.

3351 Phenomenon of Everyday Design

(A-F only;)
46465 001 LEC, 18:20-20:50 W, Rapson Hall 109, In Person Term Based; Patricia Hemmis ; 3 cr.

5185 Human Factors in Design

(A-F or Audit; Prereq: Grad student or sr or instr consent)
46401 001 LEC, 18:15-21:00 T, McNeal Hall 250, In Person Term Based; Bradley Holschuh ; 3 cr.

8103 Qualitative and Mixed Methods Research

(A-F or Audit;)
46209 001 LEC, 15:00-17:45 M, McNeal Hall 250, In Person Term Based; Marilyn Bruin ; 3 cr.

8181 Research Ethics

(S-N or Audit; Prereq: Grad student)
46387 001 LEC, Primarily Online; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
46210 001 IND, Independent/Directed Study; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
46211 001 IND, Independent/Directed Study; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
46212 001 IND, Independent/Directed Study; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
46213 001 IND, Independent/Directed Study; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
46214 001 IND, Independent/Directed Study; 1-24 cr.

Developmt Std and Soc Change (DSSC)

8112 Scholarship and Public Responsibility

(S-N only; Prereq: Grad DSSC minor or instr consent)
54678 001 LEC, 10:00-11:40 F, Social Sciences Building 1383, In Person Term Based; Karen Brown ; 1 cr.

8310 Topics in Development Studies and Social Change

(S-N only;)
54726 001 LEC, 10:00-11:40 Th, Social Sciences Building 1450, In Person Term Based; Mary Vavrus ; 1-3 cr.
70033 002 LEC, 12:00-13:30 Th, Carlson School of Mgmt 1-127, In Person Term Based; Ana Paula Ferreira ; 1-3 cr.

Doctor of Dental Surgery (DDS)

6111 Periodontology I Lecture

(A-F only;)
53732 001 LEC, 11:00-11:50 F, Moos Health Sci Tower 2-690, In Person Term Based; Grishondra Branch-Mays ; 1.5 cr.

6113 Periodontology III Lecture

(A-F only ;)

53701 001 LEC, 7:30- 8:20 Th, Moos Health Sci Tower 2-620, 7:30- 8:20 F, Moos Health Sci Tower 2-530, 7:30- 8:20 Th, Moos Health Sci Tower 2-620, 7:30- 8:20 Th, Moos Health Sci Tower 2-620, 7:30- 8:20 F, Moos Health Sci Tower 2-620, 7:30- 8:20 Th, Moos Health Sci Tower 2-620, 7:30- 8:20 F, Moos Health Sci Tower 2-620, 7:30- 8:20 F, Moos Health Sci Tower 2-620, 7:30- 9:20 Th, Moos Health Sci Tower 2-620, In Person Term Based; Meets With: 001 DH 4136; Deborah Johnson, ; 1.5 cr.

6114 Clinical Pharmacology Correlations in Dentistry**(A-F only ;)**

53730 001 LEC, 8:40- 9:30 M, Moos Health Sci Tower 2-620, 7:30- 8:20 M, Moos Health Sci Tower 2-620, In Person Term Based; Daniel Skaar, ; 1 cr.

6122 Periodontology Clinic DDS3**(A-F only ;)**

53530 001 FWK, In Person Term Based; Elham Akhlaghi ; 2 cr.

6124 Periodontology Clinic D4**(A-F only ;)**

53734 001 ROT, In Person Term Based; Daniel Skaar ; 2 cr.

6130 Introduction to Clinical Dentistry**(S-N only; Prereq: Enrolled in PASS)**

53710 001 LEC, 00:00-00:00 , , In Person Term Based; Bashar Bakdash ; 2.2 cr.

6131 Pediatric Dentistry Pre-Clinic**(A-F or Audit;)**

53691 001 LEC, 8:00- 8:50 M, Moos Health Sci Tower 2-530, 8:00- 8:50 W, Moos Health Sci Tower 2-530, 8:00- 8:50 M, Moos Health Sci Tower 2-530, 8:00- 8:50 M, Moos Health Sci Tower 2-530, In Person Term Based; Meets With: 001 DT 5130; Elise Sarvas ; 1.7 cr.

6141 Pediatric Dentistry Clinic**(A-F only; Prereq-3rd yr DDS student.)**

53668 001 FWK, In Person Term Based; Elise Sarvas ; 3.6 cr.

6151 Pain and Anxiety Control**(A-F or Audit;)**

53644 001 LEC, 8:00- 8:50 Th, Moos Health Sci Tower 2-530, 8:00- 8:50 F, Moos Health Sci Tower 2-530, In Person Term Based; Reda Taleb ; 1.2 cr.

6153 Oral and Maxillofacial Surgery II**(A-F only; Prereq-Oral Surgery I.)**

53529 001 LEC, 7:30- 8:20 T, Moos Health Sci Tower 2-620, 7:30- 8:20 Th, Moos Health Sci Tower 2-620, 8:40- 9:30 Th, Moos Health Sci Tower 2-620, In Person Term Based; James Swift ; 1.2 cr.

6161 Oral & Maxillofacial Surgery Clinic**Rotation****(S-N or Audit;)**

53661 001 FWK, 00:00-00:00 , , In Person Term Based; Robert Nadeau ; 2.5 cr.

6172 Orthodontics II**(A-F only ;)**

53540 001 LEC, 7:30- 8:20 M, Moos Health Sci Tower 2-620, 8:40- 9:30 T, Moos Health Sci Tower 2-620, 8:40- 9:30 W, Moos Health Sci Tower 2-620, 8:40- 9:30 W, Moos Health Sci Tower 2-620, 8:40- 9:30 M, Moos Health Sci Tower 2-620, In Person Term Based; John Beyer, ; 1.5 cr.

6181 Orthodontic Clinic Rotation**(S-N or Audit;)**

53541 001 FWK, In Person Term Based; John Beyer ; 1 cr.

6215 Dental Pharmacology**(A-F only; Prereq: Must be in DDS program)**

53699 001 LEC, 11:15-12:05 W, Moos Health Sci Tower 2-530, 11:15-12:05 Th, Moos Health Sci Tower 2-530, 11:15-12:05 T, Moos Health Sci Tower 2-530, 8:00- 8:50 F, Moos Health Sci Tower 2-690, 11:15-12:05 T, Moos Health Sci Tower 2-530, 11:15-12:05 T, Moos Health Sci Tower 2-530, In Person Term Based; ; 3 cr.

6232 Physical Evaluation II**(A-F or Audit;)**

53666 001 LEC, 9:05- 9:55 W, Moos Health Sci Tower 2-530, 9:05- 9:55 Th, Moos Health Sci Tower 2-530, 8:00- 8:50 F, Moos Health Sci Tower 2-690, 8:00- 8:50 F, Moos Health Sci Tower 2-690, In Person Term Based; Nelson Rhodus ; 2.2 cr.

6233 Oral and Maxillofacial Radiology**(A-F only ;)**

53670 001 LEC, 14:45-15:45 F, Moos Health Sci Tower 2-620, 14:30-15:30 T, Moos Health Sci Tower 2-620, 14:45-15:45 F, Moos Health Sci Tower 2-620, 14:45-15:30 T, Moos Health Sci Tower 2-620, 14:45-15:30 F, Moos Health Sci Tower 2-620, 14:45-15:45 F, Moos Health Sci Tower 2-620, 14:30-15:30 T, Moos Health Sci Tower 2-620, 14:45-15:45 F, Moos Health Sci Tower 2-620, In Person Term Based; Meets With: 001 DH 3151; ; 2 cr.

6235 Oral Radiology Preclinical Lab I**(S-N only; Prereq-In DDS program.)**

53688 001 LEC, 00:00-00:00 , , In Person Term Based; Mansur Ahmad, Laurence Gaalaas ; 0.9 cr.

6241 Oral Medicine/Diagnosis Clinic I**(S-N only; Prereq-3rd yr DDS student.)**

53690 001 FWK, 00:00-00:00 , , In Person Term Based; Nelson Rhodus ; 0.7 cr.

6243 Oral Radiology Clinic**(S-N only; Prereq-3rd yr DDS student.)**

53702 001 FWK, In Person Term Based; Mansur Ahmad, Laurence Gaalaas ; 0.5 cr.

6251 Oral Histology and Embryology and Medical Genetics**(A-F only ;)**

53664 001 LEC, 11:15-12:05 Th, Moos Health Sci Tower 2-620, 11:15-12:05 F, Moos Health Sci Tower 2-620, 11:15-12:05 T, Moos Health Sci Tower 2-620, 11:15-12:05 F, Moos Health Sci Tower 2-620, 11:15-12:05 T, Moos Health Sci Tower 2-620, 10:10-11:00 F, Moos Health Sci Tower 2-620, In Person Term Based; Meets With: 001 DH 2215001 DT 5250; Ioannis Koutlas, ; 2.6 cr.

6252 Oral and Maxillofacial Pathology**(A-F or Audit;)**

53628 001 LEC, 10:10-11:00 W, Moos Health Sci Tower 2-530, 10:10-11:00 Th, Moos Health Sci Tower 2-530, 8:00- 8:50 F, Moos Health Sci Tower 2-690, 10:10-11:00 T, Moos Health Sci Tower 2-530, 8:00- 8:50 F, Moos Health Sci Tower 2-690, 8:00- 8:50 F, Moos Health Sci Tower 2-690, 8:00- 8:50 F, Moos Health Sci Tower 2-690, 8:00- 8:50 F, Moos Health Sci Tower 2-690, 8:00- 8:50 F, Moos Health Sci Tower 2-690, In Person Term Based; Rajaram Gopalakrishnan, ; 3.1 cr.

6312 Comprehensive Care Clinic I**(S-N only;)**

53703 001 FWK, In Person Term Based; Richard Nadeau ; 4 cr.

6313 Comprehensive Care Clinic II**(S-N only; Prereq-6050.)**

53645 001 FWK, 00:00-00:00 , , In Person Term Based; Richard Nadeau ; 4 cr.

6314 Treatment Planning and Introduction to Patient Care**(S-N or Audit;)**

53627 001 LEC, 8:00-16:50 Th, Moos Health Sci Tower 1-450, 8:00-12:00 F, Moos Health Sci Tower 1-450, 8:00-16:50 M, Moos Health Sci Tower 1-450, 8:00-12:00 T, Moos Health Sci Tower 1-450, 8:00- 8:50 W, Moos Health Sci Tower 2-530, 8:00- 8:50 T, Moos Health Sci Tower 2-530, 8:00- 9:50 T, Moos Health Sci Tower 2-530, In Person Term Based; Meets With: 001 DT 5321; Robert Nadeau, , Richard Nadeau ; 4.1 cr.

6325 Dental Professional Development I**(S-N only;)**

53722 001 DIS, 8:00- 8:50 T, Moos Health Sci Tower 2-690, 8:00- 8:50 T, Moos Health Sci Tower 2-690, 8:00- 8:50 T, Moos Health Sci Tower 2-690, 8:00- 8:50 T, Moos Health Sci Tower 2-690, In Person Term Based; Karin Quick ; 1 cr.

6327 Dental Professional Development III**(S-N only;)**

53729 001 DIS, 7:30- 9:20 W, Moos Health Sci Tower 2-620, 7:30- 9:20 W, Moos Health Sci Tower 2-620, 7:30- 9:20 W, Moos Health Sci Tower 2-620, 7:30- 9:20 W, Moos Health Sci Tower 2-620, In Person Term Based; Jeffrey Stefani ; 2 cr.

6331 Dental Public Health I**(S-N only; Prereq-1st yr in DDS Program.)**

53727 001 LEC, 10:10-11:00 Th, Moos Health Sci Tower 2-690, 10:10-11:00 T, Moos Health Sci Tower 2-690, 13:15-14:05 T, Moos Health Sci Tower 2-620, 10:10-11:00 T, Moos Health Sci Tower 2-690, 10:10-12:05 T, Moos Health Sci Tower 2-690, 10:10-11:00 T, Moos Health Sci Tower 2-690, In Person Term Based; Naty Lopez, ; 1.9 cr.

6334 Professional Problem Solving**(S-N only; Prereq-DDS 3rd yr.)**

53667 001 DIS, In Person Term Based; Karin Quick ; 0.8 cr.

6335 Professional Problem Solving**(S-N only;)**

53662 001 LEC, 00:00-00:00 , , In Person Term Based; Karin Quick ; 0.3 cr.

6339 Emergency Preparedness**(S-N only; Prereq-Must be enrolled in a School of Dentistry program.)**

53689 001 LEC, 8:40- 9:30 T, Moos Health Sci Tower 2-620, In Person Term Based; Carol Meyer ; 0.8 cr.

6360 Introduction to Outreach Experiences**(S-N only;)**

53704 001 IND, In Person Term Based; 0 cr.

6363 Outreach Experiences III**(S-N only;)**

53721 001 FWK, 00:00-00:00 , , In Person Term Based; Paul Schulz, Lauren Solheid ; 2 cr.

6411 Applied Dental Biomaterials**(A-F only; Prereq-In DDS program.)**

53683 001 LEC, 9:05-11:00 F, Moos Health Sci Tower 2-690, 13:15-14:05 M, Moos Health Sci Tower 2-690, 8:00- 8:50 Th, Moos Health Sci Tower 2-690, 9:05- 9:55 F, Moos Health Sci Tower 2-690, 8:00- 8:50 T, Moos Health Sci Tower 2-690, 10:10-12:00 F, Moos Health Sci Tower 2-690, 9:05- 9:55 F, Moos Health Sci Tower 2-690, In Person Term Based; ; 2 cr.

6438 Operative Dentistry III**(A-F only; Prereq-Operative Dentistry [I, II], Operative Dentistry [I, II] Lab.)**

53700 001 LEC, 13:00-13:50 T, Moos Health Sci Tower 2-530, 13:00-13:50 Th, Moos Health Sci Tower 2-530, In Person Term Based; Ignatius Lee ; 3.8 cr.

6441 Operative Dentistry Clinic II**(A-F only; Prereq: Operative Dentistry [I, II, III], Operative Dentistry [I, II] lab)**

53542 001 FWK, In Person Term Based; Gary Hildebrandt ; 4 cr.

6442 Operative Dentistry Clinic V**(A-F only; Prereq-Operative Dentistry I, II, III, Operative Dentistry I and II Lab.)**

53543 001 FWK, 00:00-00:00 , , In Person Term Based; Gary Hildebrandt ; 7.5 cr.

6461 Endodontic Clinic D3**(S-N only;)**

53548 001 FWK, In Person Term Based; Samantha Roach ; 2 cr.

6462 Endodontic Clinic**(A-F or Audit;)**

53684 001 FWK, 00:00-00:00 , , In Person Term Based; Samantha Roach ; 2 cr.

6471 Preclinical Prosthodontics Single**Crown Restoration Lecture II****(A-F or Audit;)**

53547 001 LEC, 8:00- 8:50 W, Moos Health Sci Tower 2-690, 8:00- 8:50 M, Moos Health Sci Tower 2-690, 8:00- 8:50 W, Moos Health Sci Tower 2-690, 8:00- 8:50 W, Moos Health Sci Tower 2-690, 8:00- 8:50 M, Moos Health Sci Tower 2-690, In Person Term Based; Ranier Adarve, ; 1.5 cr.

6472 Preclinical Prosthodontic Single**Crown Restoration Technique Laboratory II****(A-F or Audit;)**

53629 001 LAB, 9:05-12:05 MW, Room TBA, In Person Term Based; Ranier Adarve ; 3.3 cr.

6477 Preclinical Prosthodontics Technique**Lecture V, Removable Partial Dentures****(A-F only;)**

53630 001 LEC, 13:00-13:50 W, Moos Health Sci Tower 2-530, 13:00-13:50 M, Moos Health Sci Tower 2-530, 13:00-13:50 F, Moos Health Sci Tower 2-650, In Person Term Based; Meets With: 001 DDS 6485; Jeffrey Hodd ; 2.5 cr.

6478 Preclinical Prosthodontics Technique Laboratory V, Partial Dentures**(A-F only;)**

53631 001 LAB, 14:00-16:30 MW, Room TBA, In Person Term Based; Meets With: 001 DDS 6486; Jeffrey Hodd ; 2.2 cr.

6479 Clinical Occlusion

(A-F or Audit; Prereq: Enrolled in dentistry program)
53657 001 LEC, 13:00-13:50 F, Moos Health Sci Tower 2-690, 13:00-13:50 M, Moos Health Sci Tower 2-690, 13:00-13:50 W, Moos Health Sci Tower 2-690, 13:00-13:50 F, Moos Health Sci Tower 2-690, In Person Term Based; Luis Delima ; 1.3 cr.

6481 Fixed Prosthodontics Clinic II

(A-F or Audit;)
53544 001 FWK, In Person Term Based; Wook-Jin Seong ; 5 cr.

6482 Removable Prosthodontics Clinic II

(A-F only;)
53545 001 FWK, In Person Term Based; Wook-Jin Seong ; 5 cr.

6483 Fixed Prosthodontics Clinic IV

(A-F only;)
53705 001 FWK, 00:00-00:00 , , In Person Term Based; Wook-Jin Seong ; 7.5 cr.

6484 Removable Prosthodontics Clinic IV

(A-F only;)
53546 001 FWK, 00:00-00:00 , , In Person Term Based; Wook-Jin Seong ; 4 cr.

6485 Preclinical Removable Prosthodontics Lectures for PASS

(A-F only;)
53697 001 LEC, 13:00-13:50 W, Moos Health Sci Tower 2-530, 13:00-13:50 M, Moos Health Sci Tower 2-530, 13:00-13:50 F, Moos Health Sci Tower 2-650, In Person Term Based; Meets With: 001 DDS 6477; Jeffrey Hodd ; 2.5 cr.

6486 Removable Prosthodontics Laboratory for PASS

(A-F only;)
53698 001 LAB, 14:00-16:30 MW, Room TBA, In Person Term Based; Meets With: 001 DDS 6478; Jeffrey Hodd ; 2.2 cr.

6493 Prosthodontics I

(A-F only; Prereq-Fundamentals of prosthodontics shape/color, aesthetics of anterior prosthodontics.)
53560 001 LEC, 8:40- 9:30 F, Moos Health Sci Tower 2-530, 8:40- 9:30 F, Moos Health Sci Tower 2-530, In Person Term Based; William Larson ; 1.1 cr.

6494 Global and Integrated Competency Assessment Course

(S-N only;)
53728 001 IND, 00:00-00:00 , , In Person Term Based; Keith Mays ; 1 cr.

6601 Phillips Neighborhood Elective Volunteer Experience

(No Grade Associated;)
53706 001 FWK, 00:00-00:00 , , In Person Term Based; Karin Quick, Sara Johnson ; 0 cr.

6602 Harbor Lights Elective Volunteer Experience

(No Grade Associated; Prereq: Must be in DDS program)
53707 001 FWK, 00:00-00:00 , , In Person Term Based; Karin Quick, Sara Johnson ; 0 cr.

6603 Elective Regional Volunteer Experience

(S-N only;)
53708 001 FWK, 00:00-00:00 , , In Person Term Based; Karin Quick, Sara Johnson ; 0 cr.

6604 Elective Regional Volunteer Experience

(S-N only;)
53709 001 FWK, 00:00-00:00 , , In Person Term Based; Karin Quick, Sara Johnson ; 0 cr.

6608 Elective Externship I

(S-N only;)
53693 001 FWK, 00:00-00:00 , , In Person Term Based; Karin Quick ; 1-5 cr.

6609 Elective Externship II

(S-N only;)
53694 001 FWK, 00:00-00:00 , , In Person Term Based; Karin Quick ; 1-5 cr.

6610 Elective Externship III

(S-N only;)
53695 001 FWK, 00:00-00:00 , , In Person Term Based; Karin Quick ; 1-5 cr.

6611 Study Abroad Externship

(S-N only;)
53685 001 FWK, 00:00-00:00 , , In Person Term Based; Karin Quick ; 1-10 cr.

6621 Introduction to CAD/CAM

Restorations
(S-N only;)
53686 001 LEC, 00:00-00:00 , , In Person Term Based; Omar Zidan, Ingrid Benda ; 2 cr.

6901 Essentials of Clinical Care DDS2

(S-N only; Prereq: Must be enrolled in the Doctor of Dental Surgery Program.)
53723 001 FWK, 00:00-00:00 , , In Person Term Based; Todd Thierer ; 0 cr.

6911 Essentials of Clinical Care: D3

(S-N only; Prereq-DDS 3rd yr.)
53724 001 FWK, In Person Term Based; Todd Thierer ; 0-18 cr.

6918 Evidence Based Dentistry

(A-F only; Prereq-Must be in DDS program.)
68739 001 LEC, 13:15-15:15 W, Moos Health Sci Tower 2-690, 13:15-14:05 F, Moos Health Sci Tower 2-690, 13:15-14:05 T, Moos Health Sci Tower 2-690, 13:15-15:15 W, Moos Health Sci Tower 2-690, 10:10-12:10 F, Moos Health Sci Tower 2-690, 13:15-15:15 W, Moos Health Sci Tower 2-690, 8:00-10:00 F, Moos Health Sci Tower 2-690, 14:30-15:20 W, Moos Health Sci Tower 2-690, In Person Term Based; Mike John ; 2 cr.

6921 Essentials of Clinical Care: D4

(S-N only; Prereq-DDS 4th yr.)
53725 001 FWK, 00:00-00:00 , , In Person Term Based; Todd Thierer ; 0-18 cr.

Dutch (DTCH)**1002 Beginning Dutch**

(Student Option; Prereq: 1001)
50009 001 DIS, 9:05- 9:55 MTWThF, Folwell Hall 18, In Person Term Based; Meets With: 001 DTCH 4002; Jenneke Oosterhoff ; 5 cr.

3012 Conversation and Composition

(Student Option; Prereq: 3011 or 4011)
67468 001 DIS, 16:40-17:55 TTh, Folwell Hall 122, In Person Term Based; Meets With: 001 DTCH 4012; Jenneke Oosterhoff ; 3 cr.

3993 Directed Studies

(Student Option; Prereq-instr consent, dept consent, college consent.)
49332 001 IND, In Person Term Based; Jenneke Oosterhoff ; 1-5 cr.

4002 Beginning Dutch for Graduate

Research
(Student Option;)
50010 001 DIS, 9:05- 9:55 MTWThF, Folwell Hall 18, In Person Term Based; Meets With: 001 DTCH 1002; Jenneke Oosterhoff ; 5 cr.

5993 Directed Studies

(Student Option; Prereq-instr consent, dept consent, college consent.)
49333 001 IND, In Person Term Based; 1-4 cr.

Early Modern Studies (EMS)**5500 Topics in Early Modern Studies**

(Student Option; Prereq: Grad student)
52068 003 LEC, 16:00-17:15 MW, Ford Hall 151, In Person Term Based; Meets With: 001 HSCI 3611001 HSCI 5611; Victor Boantz ; 3 cr.
52567 004 LEC, In Person Term Based; Meets With: 003 EMS 8500001 MEST 8110; 3 cr.

8100 Workshop in Early Modern Studies

(S-N only; Prereq: instr consent)
50917 001 LEC, 00:00-00:00 , , Primarily Online; JB Shank ; 1-3 cr.

8500 Topics in Early Modern Studies

(Student Option; Prereq: Grad student)
52069 002 LEC, 15:35-17:30 T, Lind Hall 216, In Person Term Based; Meets With: 001 HSCI 8125; Victor Boantz ; 3 cr.

Earth Sciences (ESCI)**1001 Earth and Its Environments**

(Student Option; ENV,PHYS)
55726 001 LEC, 11:15-12:05 MWF, Rapson Hall 100, In Person Term Based; Meets With: 101 ESCI 1101; Lawrence Edwards ; 4 cr.
55727 002 LEC, 9:45-11:00 TTh, Nicholson Hall 155, In Person Term Based; Meets With: 102 ESCI 1101; Andy Wickert ; 4 cr.
55728 003 LEC, 14:30-15:45 TTh, Rapson Hall 100, In Person Term Based; Meets With: 103 ESCI 1101; Annia Fayon ; 4 cr.
55729 101 LAB, 9:05-11:00 M, Ford Hall 185, In Person Term Based; 4 cr.
55730 102 LAB, 12:20-14:15 M, Ford Hall 185, In Person Term Based; 4 cr.
55731 103 LAB, 14:30-16:25 M, Ford Hall 185, In Person Term Based; 4 cr.
55732 104 LAB, 16:40-18:35 M, Ford Hall 185, In Person Term Based; 4 cr.
55733 105 LAB, 11:15-12:55 T, Ford Hall 185, In Person Term Based; 4 cr.
55734 106 LAB, 13:25-15:20 T, Ford Hall 185, In Person Term Based; 4 cr.
55735 107 LAB, 16:00-17:55 T, Ford Hall 185, In Person Term Based; 4 cr.
55736 108 LAB, 9:05-11:00 W, Ford Hall 185, In Person Term Based; 4 cr.
55737 109 LAB, 12:20-14:15 W, Ford Hall 185, In Person Term Based; 4 cr.
55738 110 LAB, 14:30-16:25 W, Ford Hall 185, In Person Term Based; 4 cr.
55739 111 LAB, 16:40-18:35 W, Ford Hall 185, In Person Term Based; 4 cr.
55740 113 LAB, 13:25-15:20 Th, Ford Hall 185, In Person Term Based; 4 cr.
55989 112 LAB, 11:15-13:10 Th, Ford Hall 185, In Person Term Based; 4 cr.

1003 Dinosaurs and Our World

(Student Option; BIOL,ENV)
56818 001 LEC, 12:20-13:10 MWF, Nicholson Hall 155, In Person Term Based; Kent Kirkby ; 4 cr.
69542 101 LAB, 10:10-12:05 M, Tate Hall 160, In Person Term Based; 4 cr.
69544 102 LAB, 13:25-15:20 M, Tate Hall 160, In Person Term Based; 4 cr.
69545 103 LAB, 15:35-17:30 M, Tate Hall 160, In Person Term Based; 4 cr.
69546 104 LAB, 11:15-13:10 T, Tate Hall 160, In Person Term Based; 4 cr.
69547 105 LAB, 13:25-15:20 T, Tate Hall 160, In Person Term Based; 4 cr.
69548 106 LAB, 15:35-17:30 T, Tate Hall 160, In Person Term Based; 4 cr.
69549 107 LAB, 10:10-12:05 W, Tate Hall 160, In Person Term Based; 4 cr.
69550 108 LAB, 13:25-15:20 W, Tate Hall 160, In Person Term Based; 4 cr.
69551 109 LAB, 15:35-17:30 W, Tate Hall 160, In Person Term Based; 4 cr.

1005 Geology and Cinema

(Student Option; ENV,PHYS)
55920 001 LEC, 14:30-15:45 TTh, Willey Hall 175, In Person Term Based; Meets With: 001 ESCI 1105; Justin Revenaugh ; 4 cr.
55939 101 LAB, 9:05-11:00 M, Tate Hall 185, In Person Term Based; 4 cr.
55940 102 LAB, 11:15-13:10 M, Tate Hall 185, In Person Term Based; 4 cr.
55941 103 LAB, 13:25-15:20 M, Tate Hall 185, In Person Term Based; 4 cr.
55942 104 LAB, 15:35-17:30 M, Tate Hall 185, In Person Term Based; 4 cr.
55943 105 LAB, 10:10-12:05 T, Tate Hall 185, In Person Term Based; 4 cr.
55944 106 LAB, 12:20-14:15 T, Tate Hall 185, In Person Term Based; 4 cr.
55945 107 LAB, 16:10-18:05 T, Tate Hall 185, In Person Term Based; 4 cr.
55946 108 LAB, 9:05-11:00 W, Tate Hall 185, In Person Term Based; 4 cr.
56372 109 LAB, 11:15-13:10 W, Tate Hall 185, In Person Term Based; 4 cr.
56373 110 LAB, 13:25-15:20 W, Tate Hall 185, In Person Term Based; 4 cr.

56374 111 LAB, 15:35-17:30 W, Tate Hall 185, In Person Term Based; 4 cr.
 56375 112 LAB, 10:10-12:05 Th, Tate Hall 185, In Person Term Based; 4 cr.
 57480 113 LAB, 12:20-14:15 Th, Tate Hall 185, In Person Term Based; 4 cr.
 57768 114 LAB, 17:45-19:40 W, Tate Hall 185, In Person Term Based; 4 cr.
 57769 115 LAB, 17:45-19:40 M, Tate Hall 185, In Person Term Based; 4 cr.

1012 Natural Hazards and Disasters (Student Option; TS)

57037 001 LEC, 10:10-11:00 MWF, Tate Hall 101, In Person Term Based; Bruce Moskowitz ; 3 cr.

1101 Introduction to Geology (Student Option; ENV)

55532 101 LEC, 11:15-12:05 MWF, Rapson Hall 100, In Person Term Based; Meets With: 001 ESCI 1001; Lawrence Edwards ; 3 cr.
 55539 D06 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Kent Kirkby ; 3 cr.
 55540 E06 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Kent Kirkby ; 3 cr.
 55806 B06 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Kent Kirkby ; 3 cr.
 55807 C06 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Kent Kirkby ; 3 cr.
 56573 102 LEC, 9:45-11:00 TTh, Nicholson Hall 155, In Person Term Based; Meets With: 002 ESCI 1001; Andy Wickert ; 3 cr.
 56574 103 LEC, 14:30-15:45 TTh, Rapson Hall 100, In Person Term Based; Meets With: 003 ESCI 1001; Annia Fayon ; 3 cr.

1105 Geology and Cinema (Student Option; ENV)

56575 001 LEC, 14:30-15:45 TTh, Willey Hall 175, In Person Term Based; Meets With: 001 ESCI 1005; Justin Revenaugh ; 3 cr.

2202 Earth History

(A-F only; Prereq: [2201, 2301] or instr consent)
 56978 001 LEC, 9:45-11:00 TTh, Tate Hall 120, In Person Term Based; David Fox ; 4 cr.
 57024 101 LAB, 9:05-10:45 M, Tate Hall 170, In Person Term Based; 4 cr.
 57025 102 LAB, 11:15-12:55 M, Tate Hall 170, In Person Term Based; 4 cr.
 57317 103 LAB, 14:30-16:10 M, Tate Hall 170, In Person Term Based; 4 cr.
 65847 104 LAB, 16:40-18:20 M, Tate Hall B85, In Person Term Based; 4 cr.

2203 Earth Surface Dynamics (A-F or Audit;)

57027 001 LEC, 11:15-12:30 TTh, Tate Hall 120, In Person Term Based; Katsumi Matsumoto, Chris Paola ; 4 cr.
 57028 101 LAB, 9:05-10:45 W, Tate Hall 170, In Person Term Based; 4 cr.
 57029 102 LAB, 11:15-12:55 W, Tate Hall 170, In Person Term Based; 4 cr.
 57318 103 LAB, 14:30-16:10 W, Tate Hall 170, In Person Term Based; 4 cr.
 65848 104 LAB, 16:40-18:20 W, Tate Hall B20, In Person Term Based; 4 cr.

2302 Petrology

(Student Option; Prereq: 2301 or instr consent)
 55278 001 LEC, 13:25-14:15 MW, Tate Hall 120, In Person Term Based; Marc Hirschmann, Donna Whitney ; 3 cr.
 55279 101 LAB, 9:05-10:45 F, Tate Hall 180, In Person Term Based; 3 cr.
 55280 102 LAB, 12:20-14:00 F, Tate Hall 180, In Person Term Based; 3 cr.
 57319 103 LAB, 13:25-15:05 Th, Tate Hall 180, In Person Term Based; 3 cr.

3093 Problems in Earth Sciences: Junior (Student Option; Prereq: instr consent)

55445 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

3402 Science and Politics of Global Warming

(Student Option; ENV)
 57116 001 LEC, 14:30-15:45 TTh, Tate Hall 110, In Person Term Based; Meets With: 001 ESCI 5402; Katsumi Matsumoto ; 3 cr.

3891 Field Methods

(A-F only;)
 56923 001 LEC, 16:00-18:00 T, Tate Hall 110, In Person Term Based; Annia Fayon ; 2 cr.

4093 Problems in Earth Sciences: Senior (Student Option; Prereq: instr consent)

55446 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

4094 Senior Thesis

(Student Option; Prereq: Sr, Geo or ESci major, instr consent)
 55447 001 IND, 00:00-00:00 , , In Person Term Based; 2 cr.

4402 Biogeochemical Cycles in the Ocean (Student Option; Prereq: [CHEM 1021, CHEM 1022] or instr consent)

65849 001 LEC, 8:15-9:30 TTh, Tate Hall B55, In Person Term Based; Meets With: 001 ESCI 8402; Katsumi Matsumoto ; 3 cr.

4502 Tectonic Styles

(Student Option; Prereq: 4501 or instr consent)
 65851 001 LEC, 13:25-14:15 MWF, Tate Hall B55, In Person Term Based; Meets With: 001 ESCI 8502; Peter Hudleston ; 3 cr.

4602 Sedimentology and Stratigraphy

(Student Option; Prereq: [2203, 2301] or instr consent)
 55281 001 LEC, 11:15-12:05 MW, Tate Hall B85, In Person Term Based; Chris Paola ; 3 cr.
 55282 101 LAB, 9:05-10:45 T, Tate Hall 180, In Person Term Based; 3 cr.
 55283 102 LAB, 11:15-12:55 T, Tate Hall 180, In Person Term Based; 3 cr.
 65853 103 LAB, 13:25-15:05 T, Tate Hall 180, In Person Term Based; 3 cr.

4702 General Hydrogeology

(Student Option; Prereq: [concurrent registration is required (or allowed) in CHEM 1062, concurrent registration is required (or allowed) in CHEM 1066, MATH 1271, PHYS 1201] or instr consent)
 56856 001 LEC, 13:00-14:15 TTh, Ford Hall 115, In Person Term Based; Robert Tipping ; 4 cr.
 56857 101 LAB, 9:05-10:45 F, Tate Hall 170, In Person Term Based; 4 cr.
 57320 102 LAB, 11:15-12:55 F, Tate Hall 170, In Person Term Based; 4 cr.

4801 Geomicrobiology

(Student Option; Prereq: One semester college level biology)
 57089 001 LEC, 14:30-15:45 TTh, Tate Hall B45, In Person Term Based; Meets With: 001 ESCI 8801; Daniel Jones ; 3 cr.

5203 Mineral and Rock Physics

(Student Option; Prereq: 2201, Phys 1302)
 65854 001 LEC, 11:15-12:05 MWF, Tate Hall B45, In Person Term Based; David Kohlstedt ; 3 cr.

5402 Science and Politics of Global Warming

(Student Option;)
 68143 001 LEC, 14:30-15:45 TTh, Tate Hall 110, In Person Term Based; Meets With: 001 ESCI 3402; Katsumi Matsumoto ; 3 cr.

5705 Limnogeology and Paleoenvironment (Student Option; Prereq: instr consent)

65856 001 LEC, 9:45-11:00 TTh, Ford Hall 155, In Person Term Based; Emi Ito ; 3 cr.

5805 Standards and Practices for Professional Geoscientists

(Student Option;)
 70085 001 LEC, 10:10-11:00 MW, Tate Hall B55, In Person Term Based; Joshua Feinberg ; 3 cr.

5980 Seminar: Current Topics in Earth Sciences

(S-N or Audit;)
 69778 001 LEC, In Person Term Based; William Seyfried ; 1-4 cr.
 69848 002 LEC, In Person Term Based; Andy Wickert ; 1-4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
 55643 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8402 Biogeochemical Cycles in the Ocean (Student Option; Prereq: [Chem 1021, Chem 1022] or instr consent)

65850 001 LEC, 8:15-9:30 TTh, Tate Hall B55, In Person Term Based; Meets With: 001 ESCI 4402; Katsumi Matsumoto ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
 55659 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8502 Tectonic Styles

(Student Option; Prereq: 4501 or 8501 or instr consent)
 65852 001 LEC, 13:25-14:15 MWF, Tate Hall B55, In Person Term Based; Meets With: 001 ESCI 4502; Peter Hudleston ; 3 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
 55675 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
 55695 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8801 Geomicrobiology

(Student Option; Prereq: One semester college level biology)
 57482 001 LEC, 14:30-15:45 TTh, Tate Hall B45, In Person Term Based; Meets With: 001 ESCI 4801; Daniel Jones ; 3 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
 55715 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8980 Seminar: Current Topics in Earth Sciences

(S-N or Audit; Prereq: instr consent)
 55486 001 LEC, 16:00-17:30 Th, Tate Hall 105, In Person Term Based; 1-4 cr.

8994 Research in Earth Sciences

(Student Option; Prereq: instr consent)
 55487 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

East Asian Studies (EAS)

3462 From Subjects to Citizens: The History of East Asia From 1500 to the Present

(Student Option; GP,HIS)
 50045 001 LEC, 9:45-11:00 MW, Blegen Hall 215, In Person Term Based; Meets With: 001 HIST 3462; Ann Waltner ; 3-4 cr.

Ecology, Evolution, and Behav (EEB)

3001 Ecology and Society

(A-F or Audit; Prereq: [Jr or sr] recommended; biological sciences students may not apply cr toward major ENV)
 46675 001 LEC, 13:00-14:15 TTh, Armory Building 202, In Person Term Based; Elizabeth Borer ; 3 cr.

3002 Sex, Evolution, and Behavior: Examining Human Evolutionary Biology

(A-F or Audit;)
 46975 001 LEC, 9:45-11:00 TTh, Anderson Hall 350, In Person Term Based; Meets With: 001 ANTH 3002; Michael Wilson ; 4 cr.
 46976 002 LAB, 10:10-11:00 M, Blegen Hall 318, In Person Term Based; Meets With: 002 ANTH 3002; 4 cr.
 46977 003 LAB, 11:15-12:05 T, Blegen Hall 318, In Person Term Based; Meets With: 003 ANTH 3002; 4 cr.
 46978 004 LAB, 14:30-15:20 T, Blegen Hall 318, In Person Term Based; Meets With: 004 ANTH 3002; 4 cr.
 46979 005 LAB, 11:15-12:05 Th, Blegen Hall 318, In Person Term Based; Meets With: 005 ANTH 3002; 4 cr.

3408W Ecology

(Student Option; Prereq: [One semester college biology or instr consent], [MATH 1142 or MATH 1271 or Math 1272 or Math 1241 or Math 1242 or MATH 1281 or Math 1282 or equiv]W)

47102 001 LEC, 9:00-10:15 TTh, Ruttan Hall B45, In Person Term Based; Elizabeth Borer, Allison Shaw ; 4 cr.
 47103 002 LAB, 16:30-19:30 T, Biological Sciences Ctr 6, In Person Term Based; Elizabeth Borer, Allison Shaw ; 4 cr.
 47104 003 LAB, 12:50-15:50 T, Biological Sciences Ctr 6, In Person Term Based; Elizabeth Borer, Allison Shaw ; 4 cr.
 47105 004 LAB, 8:30-11:30 W, Biological Sciences Ctr 6, In Person Term Based; Elizabeth Borer, Allison Shaw ; 4 cr.
 47106 005 LAB, 12:50-15:50 W, Biological Sciences Ctr 6, In Person Term Based; Elizabeth Borer, Allison Shaw ; 4 cr.
 47107 006 LAB, 16:30-19:30 Th, Biological Sciences Ctr 6, In Person Term Based; Elizabeth Borer, Allison Shaw ; 4 cr.
 47108 007 LAB, 12:50-15:50 Th, Biological Sciences Ctr 6, In Person Term Based; Elizabeth Borer, Allison Shaw ; 4 cr.
 70023 008 LAB, 17:10-20:10 W, Biological Sciences Ctr 6, In Person Term Based; Elizabeth Borer, Allison Shaw ; 4 cr.
 70024 009 LAB, 9:35-12:35 F, Biological Sciences Ctr 6, In Person Term Based; Elizabeth Borer, Allison Shaw ; 4 cr.

3409 Evolution

(Student Option; Prereq: One semester college biology)

47097 001 LEC, 10:40-11:30 MW, Hodson Hall 495, In Person Term Based; Meets With: 001 EEB 5409; William Harcombe, Emma Goldberg ; 3 cr.
 47098 002 LAB, 9:35-12:35 T, Biological Sciences Ctr 245, In Person Term Based; Meets With: 002 EEB 5409; Emma Goldberg, William Harcombe ; 3 cr.
 47099 003 LAB, 13:55-16:55 T, Biological Sciences Ctr 245, In Person Term Based; Meets With: 003 EEB 5409; Emma Goldberg, William Harcombe ; 3 cr.
 47100 004 LAB, 13:55-16:55 W, Biological Sciences Ctr 245, In Person Term Based; Meets With: 004 EEB 5409; Emma Goldberg, William Harcombe ; 3 cr.
 47101 005 LAB, 8:30-11:30 F, Biological Sciences Ctr 245, In Person Term Based; Meets With: 005 EEB 5409; Emma Goldberg, William Harcombe ; 3 cr.

3500 Special Topics in Ecology, Evolution and Behavior

(S-N only;)

69962 001 DIS, 15:30-17:00 W, Borlaug Hall 335, In Person Term Based; Jeannine Cavender-Bares ; 1-3 cr.

3603 Science, Protection, and Management of Aquatic Environments

(Student Option; Prereq: One semester college biology)

68753 001 LEC, 11:45-13:00 MW, Hodson Hall 490, In Person Term Based; Jacques Finlay ; 3 cr.

4068 Plant Physiological Ecology

(Student Option No Audit;)

67647 001 LEC, 10:15-11:30 TTh, Ruttan Hall 143, In Person Term Based; Meets With: 001 EEB 5068; Jeannine Cavender-Bares ; 3 cr.
 67649 002 LAB, 9:20-10:10 Th, Plant Growth Facility 174, In Person Term Based; Meets With: 002 EEB 5068; Jeannine Cavender-Bares ; 3 cr.
 67650 003 LAB, 11:30-12:20 Th, Plant Growth Facility 174, In Person Term Based; Meets With: 003 EEB 5068; Jeannine Cavender-Bares ; 3 cr.

4134 Introduction to Ornithology

(Student Option; Prereq: Biol 1001 or Biol 2012)

46540 001 LEC, 11:45-12:35 TTh, Hodson Hall 495, In Person Term Based; Keith Barker ; 4 cr.
 46541 002 LAB, 8:30-11:30 T, Ecology Building 150, In Person Term Based; Keith Barker ; 4 cr.
 46542 003 LAB, 8:30-11:30 Th, Lab TBA, In Person Term Based; Keith Barker ; 4 cr.

4611 Biogeochemical Processes

(Student Option; Prereq: [BIOC 2331, CHEM 2301, PHYS 1201] or instr consent)

46847 001 LEC, 10:15-11:30 TTh, Ecology Building 170, In Person Term Based; James Cotner ; 3 cr.

4793W Directed Studies: Writing Intensive

(S-N or Audit; Prereq: instr consent, dept consentWI)

46653 001 IND, 00:00-00:00 , In Person Term Based; Jeannine Cavender-Bares ; 1-7 cr.

4794W Directed Research: Writing Intensive

(S-N or Audit; Prereq: instr consent, dept consentWI)

46654 001 IND, 00:00-00:00 , In Person Term Based; Jeannine Cavender-Bares ; 1-6 cr.

4993 Directed Studies

(S-N or Audit; Prereq: instr consent, dept consent)

46624 001 IND, 00:00-00:00 , In Person Term Based; 1-7 cr.
 46706 002 IND, 00:00-00:00 , In Person Term Based; 1-7 cr.
 46707 003 IND, 00:00-00:00 , In Person Term Based; 1-7 cr.
 46708 004 IND, In Person Term Based; 1-7 cr.
 46709 005 IND, In Person Term Based; 1-7 cr.
 46710 006 IND, In Person Term Based; 1-7 cr.
 46711 007 IND, In Person Term Based; 1-7 cr.
 46712 008 IND, In Person Term Based; 1-7 cr.
 46713 009 IND, In Person Term Based; 1-7 cr.
 46714 010 IND, In Person Term Based; 1-7 cr.

4994 Directed Research

(S-N only; Prereq: instr consent, dept consent)

46625 001 IND, 00:00-00:00 , In Person Term Based; 1-6 cr.
 46715 002 IND, 00:00-00:00 , In Person Term Based; 1-6 cr.
 46716 003 IND, 00:00-00:00 , In Person Term Based; 1-6 cr.
 46717 004 IND, 00:00-00:00 , In Person Term Based; 1-6 cr.
 46718 005 IND, 00:00-00:00 , In Person Term Based; 1-6 cr.
 46719 006 IND, 00:00-00:00 , In Person Term Based; 1-6 cr.
 46720 007 IND, 00:00-00:00 , In Person Term Based; 1-6 cr.
 46721 008 IND, In Person Term Based; 1-6 cr.
 46722 009 IND, In Person Term Based; 1-6 cr.
 46723 010 IND, In Person Term Based; 1-6 cr.

5068 Plant Physiological Ecology

(Student Option No Audit; Prereq: BIOL 2022 or BIOL 3002 or BIOL 3407 or BIOL 3408W or instr consent)

67648 001 LEC, 10:15-11:30 TTh, Ruttan Hall 143, In Person Term Based; Meets With: 001 EEB 4068; Jeannine Cavender-Bares ; 3 cr.
 67651 002 LAB, 9:20-10:10 Th, Plant Growth Facility 174, In Person Term Based; Meets With: 002 EEB 4068; Jeannine Cavender-Bares ; 3 cr.
 67652 003 LAB, 11:30-12:20 Th, Plant Growth Facility 174, In Person Term Based; Meets With: 003 EEB 4068; Jeannine Cavender-Bares ; 3 cr.

5409 Evolution

(Student Option; Prereq: One semester college biology)

47115 001 LEC, 10:40-11:30 MW, Hodson Hall 495, In Person Term Based; Meets With: 001 EEB 3409; William Harcombe, Emma Goldberg ; 3 cr.
 47116 002 LAB, 9:35-12:35 T, Biological Sciences Ctr 245, In Person Term Based; Meets With: 002 EEB 3409; Emma Goldberg, William Harcombe ; 3 cr.
 47117 003 LAB, 13:55-16:55 T, Biological Sciences Ctr 245, In Person Term Based; Meets With: 003 EEB 3409; Emma Goldberg, William Harcombe ; 3 cr.
 47118 004 LAB, 13:55-16:55 W, Biological Sciences Ctr 245, In Person Term Based; Meets With: 004 EEB 3409; Emma Goldberg, William Harcombe ; 3 cr.
 47119 005 LAB, 8:30-11:30 F, Biological Sciences Ctr 245, In Person Term Based; Meets With: 005 EEB 3409; Emma Goldberg, William Harcombe ; 3 cr.

8100 EEB Department Seminar

(S-N only;)

68244 001 LEC, 15:30-16:20 W, Borlaug Hall 335, In Person Term Based; Elizabeth Borer ; 1 cr.

8151 EEB Lab Tours

(S-N only;)

68243 001 DIS, 13:55-14:45 W, Ecology Building 150, In Person Term Based; Elizabeth Borer ; 1 cr.

8202 Graduate Foundations in Ecology, Evolution and Behavior - Semester 2

(A-F only; Prereq: 8601, EEB grad student)

47075 001 LEC, 13:00-14:30 F, Ecology Building 150, 11:30-13:00 MW, Ecology Building 150, In Person Term Based; Marlene Zuk, Michael Travisano, Eric Seabloom ; 4 cr.

8302 EEB Written Prelim Workshop

(S-N only; Prereq: EEB grad student)

47093 001 DIS, 14:00-15:45 M, Ecology Building 170, In Person Term Based; Elizabeth Borer ; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

46626 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

46630 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

46633 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

46642 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

46645 001 IND, In Person Term Based; 1-24 cr.

8980 Seminar on Current Topics

(S-N only; Prereq: EEB grad student)

46662 002 LEC, 15:30-16:20 W, Ruttan Hall B26, In Person Term Based; Jacques Finlay ; 1-3 cr.

8991 Independent Study: Ecology, Evolution, and Behavior

(Student Option; Prereq: instr consent)

46589 001 IND, 00:00-00:00 , In Person Term Based; 1-10 cr.

8994 Directed Research

(S-N or Audit; Prereq: instr consent)

46590 001 IND, 00:00-00:00 , In Person Term Based; 1-5 cr.

Economics (ECON)**1101 Principles of Microeconomics**

(Student Option; Prereq: knowledge of plane geometry and advanced algebraGP,SOCS)

49254 001 LEC, 9:05-9:55 MWF, Willey Hall 175, In Person Term Based; 4 cr.
 49255 002 DIS, 10:10-11:00 W, Blegen Hall 415, In Person Term Based; 4 cr.
 49256 003 DIS, 10:10-11:00 W, Blegen Hall 140, In Person Term Based; 4 cr.
 49257 004 DIS, 12:20-13:10 W, Blegen Hall 435, In Person Term Based; 4 cr.
 49258 005 DIS, 13:25-14:15 W, Blegen Hall 205, In Person Term Based; 4 cr.
 49259 006 DIS, 13:25-14:15 W, Blegen Hall 140, In Person Term Based; 4 cr.
 49260 008 DIS, 14:30-15:20 W, Blegen Hall 140, In Person Term Based; 4 cr.
 49261 009 DIS, 14:30-15:20 W, Blegen Hall 205, In Person Term Based; 4 cr.
 49262 010 DIS, 11:15-12:05 W, Blegen Hall 140, In Person Term Based; 4 cr.
 49263 011 DIS, 11:15-12:05 W, Blegen Hall 335, In Person Term Based; 4 cr.
 49264 018 DIS, 10:10-11:00 W, Blegen Hall 335, In Person Term Based; 4 cr.
 49265 019 DIS, 12:20-13:10 W, Carlson School of Mgmt L-118, In Person Term Based; 4 cr.
 49266 020 DIS, 11:15-12:05 W, Blegen Hall 330, In Person Term Based; 4 cr.
 49267 021 DIS, 11:15-12:05 W, Blegen Hall 225, In Person Term Based; 4 cr.
 49268 022 DIS, 12:20-13:10 W, Blegen Hall 335, In Person Term Based; 4 cr.
 49269 025 DIS, 10:10-11:00 W, Blegen Hall 330, In Person Term Based; 4 cr.
 49766 036 LEC, 17:30-20:00 T, Blegen Hall 415, In Person Term Based; 4 cr.
 49767 037 DIS, 20:00-20:50 T, Blegen Hall 415, In Person Term Based; 4 cr.
 49772 038 LEC, 17:30-20:00 W, Blegen Hall 145, In Person Term Based; 4 cr.
 49773 039 DIS, 20:00-20:50 W, Blegen Hall 145, In Person Term Based; 4 cr.
 49776 042 LEC, 17:30-20:00 W, Blegen Hall 140, In Person Term Based; 4 cr.
 49777 043 DIS, 20:00-20:50 W, Blegen Hall 140, In Person Term Based; 4 cr.
 49778 044 LEC, 17:30-20:00 Th, Blegen Hall 330, In Person Term Based; 4 cr.
 49779 045 DIS, 20:00-20:50 Th, Blegen Hall 330, In Person Term Based; 4 cr.

49961 033 LEC, 16:00-17:15 MW, Hanson Hall 1-104, In Person Term Based; 4 cr.
 49962 034 DIS, 17:30-18:20 W, Carlson School of Mgmt L-126, In Person Term Based; 4 cr.
 50280 046 LEC, 16:00-17:15 TTh, Hanson Hall 1-106, In Person Term Based; 4 cr.
 50281 047 DIS, 17:30-18:20 Th, Blegen Hall 435, In Person Term Based; 4 cr.
 50938 050 DIS, 17:30-18:20 W, Blegen Hall 425, In Person Term Based; 4 cr.
 50939 051 DIS, 17:30-18:20 Th, Blegen Hall 335, In Person Term Based; 4 cr.
 51465 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Minesh Amin ; 4 cr.

1102 Principles of Macroeconomics

(Student Option; Prereq: [1101 or equiv], knowledge of plane geometry and advanced algebra)

49270 001 LEC, 9:45-11:00 TTh, Willey Hall 175, In Person Term Based; David Bradley ; 4 cr.
 49271 002 DIS, 11:15-12:05 F, Blegen Hall 330, In Person Term Based; 4 cr.
 49272 003 DIS, 11:15-12:05 F, Blegen Hall 225, In Person Term Based; 4 cr.
 49273 004 DIS, 11:15-12:05 F, Blegen Hall 205, In Person Term Based; 4 cr.
 49274 005 DIS, 10:10-11:00 F, Blegen Hall 125, In Person Term Based; 4 cr.
 49275 006 DIS, 10:10-11:00 F, Blegen Hall 335, In Person Term Based; 4 cr.
 49276 007 DIS, 10:10-11:00 F, Blegen Hall 330, In Person Term Based; 4 cr.
 49277 008 DIS, 12:20-13:10 F, Blegen Hall 225, In Person Term Based; 4 cr.
 49278 014 DIS, 8:00- 8:50 F, Blegen Hall 225, In Person Term Based; 4 cr.
 49279 015 DIS, 8:00- 8:50 F, Blegen Hall 205, In Person Term Based; 4 cr.
 49280 016 DIS, 8:00- 8:50 F, Blegen Hall 260, In Person Term Based; 4 cr.
 49281 017 DIS, 12:20-13:10 F, Blegen Hall 205, In Person Term Based; 4 cr.
 49282 018 DIS, 9:05- 9:55 F, Blegen Hall 225, In Person Term Based; 4 cr.
 49283 019 DIS, 12:20-13:10 F, Blegen Hall 260, In Person Term Based; 4 cr.
 49284 020 DIS, 13:25-14:15 F, Blegen Hall 205, In Person Term Based; 4 cr.
 49285 021 DIS, 13:25-14:15 F, Blegen Hall 260, In Person Term Based; 4 cr.
 49286 022 DIS, 13:25-14:15 F, Blegen Hall 115, In Person Term Based; 4 cr.
 49780 025 LEC, 17:30-20:00 W, Blegen Hall 125, In Person Term Based; 4 cr.
 49781 026 DIS, 20:00-20:50 W, Blegen Hall 125, In Person Term Based; 4 cr.
 49782 027 LEC, 17:30-20:00 T, Blegen Hall 335, In Person Term Based; 4 cr.
 49783 028 DIS, 20:00-20:50 T, Blegen Hall 335, In Person Term Based; 4 cr.
 49784 029 LEC, 16:00-17:15 MW, Blegen Hall 240, In Person Term Based; 4 cr.
 49785 030 DIS, 17:30-18:20 W, Blegen Hall 240, In Person Term Based; 4 cr.
 49786 031 LEC, 17:30-20:00 T, Blegen Hall 330, In Person Term Based; 4 cr.
 49787 032 DIS, 20:00-20:50 T, Blegen Hall 330, In Person Term Based; 4 cr.
 49865 023 DIS, 9:05- 9:55 F, Blegen Hall 205, In Person Term Based; 4 cr.
 49866 024 DIS, 9:05- 9:55 F, Blegen Hall 260, In Person Term Based; 4 cr.
 49964 033 LEC, 16:00-17:15 MW, Blegen Hall 110, In Person Term Based; 4 cr.
 49965 034 DIS, 17:30-18:20 W, Blegen Hall 110, In Person Term Based; 4 cr.
 50797 035 LEC, 17:00-19:30 T, Carlson School of Mgmt 2-219, In Person Term Based; 4 cr.
 50798 036 DIS, 19:45-20:35 T, Carlson School of Mgmt 2-219, In Person Term Based; 4 cr.
 51466 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Minesh Amin ; 4 cr.

3101 Intermediate Microeconomics

(A-F only; Prereq: [[1101, 1102] or equiv], [MATH 1271 or equiv])

48939 001 LEC, 8:15- 9:30 TTh, Willey Hall 125, In Person Term Based; 4 cr.
 48940 002 DIS, 9:05- 9:55 M, Blegen Hall 240, In Person Term Based; 4 cr.
 48941 003 DIS, 9:05- 9:55 M, Blegen Hall 140, In Person Term Based; 4 cr.
 50637 004 DIS, 10:10-11:00 M, Blegen Hall 415, In Person Term Based; 4 cr.
 50835 005 DIS, 10:10-11:00 M, Blegen Hall 140, In Person Term Based; 4 cr.

51003 006 DIS, 11:15-12:05 M, Blegen Hall 435, In Person Term Based; 4 cr.
 51718 007 DIS, 11:15-12:05 M, Blegen Hall 140, In Person Term Based; 4 cr.
 69278 008 DIS, 12:20-13:10 M, Carlson School of Mgmt 2-233, In Person Term Based; 4 cr.

3102 Intermediate Macroeconomics

(A-F only; Prereq: 3101 or equiv)

48942 002 LEC, 16:00-17:15 MWF, Blegen Hall 145, In Person Term Based; Ana Luisa Pessoa de Araujo ; 4 cr.
 48943 003 LEC, 8:00- 9:55 TTh, Blegen Hall 125, In Person Term Based; 4 cr.
 48944 004 LEC, 16:30-20:30 M, Blegen Hall 435, In Person Term Based; 4 cr.
 50827 005 LEC, 16:00-18:00 TTh, Carlson School of Mgmt L-118, In Person Term Based; 4 cr.
 52105 001 LEC, 14:30-15:45 MWF, Blegen Hall 145, In Person Term Based; Ana Luisa Pessoa de Araujo ; 4 cr.
 69280 006 LEC, 16:00-18:00 MW, Blegen Hall 135, In Person Term Based; 4 cr.

3951 Major Project Seminar

(A-F only; Prereq: 3101, 3102, STAT 3011, [STAT 3022 or equiv], two [3xxx or 4xxx] ECON courses, at least one 4xxx ECON writing intensive course, freshman writing requirement satisfied)

48945 001 IND, 9:45-11:00 MW, Anderson Hall 230, In Person Term Based; 2 cr.

3991 Independent Study

(A-F or Audit; Prereq: 3101, 3102, dept consent)

48946 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

3993 Directed Studies

(Student Option; Prereq: 3101, 3102, 4261, two semesters of statistics)

48947 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

4100W Undergraduate Writing in Economics

(A-F or Audit; Prereq: 3101, [concurrent registration is required (or allowed) in 4831 or concurrent registration is required (or allowed) in economics honors course], concurrent registration is required (or allowed) in economics advanced courses; freshman writing practice completed, instr consentWI)

49765 001 LEC, 14:30-15:20 M, Blegen Hall 125, In Person Term Based; 1 cr.

4113 Introduction to Mathematical Economics

(A-F only; Prereq: [[3101, 3102] or equiv], [[MATH 1271, MATH 1272, MATH 2243] or equiv])

69607 001 LEC, 16:00-16:50 W, Blegen Hall 220, 14:30-15:45 MW, Blegen Hall 220, In Person Term Based; Ayca Ozdogan ; 4 cr.

4163 Microeconomic Analysis

(Student Option; Prereq: 3101, 3102, 4162, MATH 2243, MATH 2263, [[STAT 4101, STAT 4102] or equiv], dept consent)

49442 001 LEC, 11:15-12:30 TTh, Blegen Hall 335, In Person Term Based; Meets With: 001 ECON 8003; Aldo Rustichini ; 2 cr.

49443 002 DIS, 14:30-15:20 F, Carlson School of Mgmt 1-127, In Person Term Based; Meets With: 002 ECON 8003; 2 cr.

4164 Microeconomic Analysis

(Student Option; Prereq: 3101, 3102, 4163, MATH 2243, MATH 2263, [[STAT 4101, STAT 4102] or equiv], dept consent)

49446 001 LEC, 11:15-12:30 TTh, Blegen Hall 335, In Person Term Based; Meets With: 001 ECON 8004; Beth Allen ; 2 cr.
 49447 002 DIS, 14:30-15:45 Th, Blegen Hall 335, In Person Term Based; Meets With: 002 ECON 8004; 2 cr.

4167 Macroeconomic Theory

(Student Option; Prereq: 3101, 3102, 4166, MATH 2243, MATH 2263, [[STAT 4101, STAT 4102] or equiv], dept consent)

49768 001 LEC, 14:30-15:45 TTh, Hanson Hall 4-170, In Person Term Based; Meets With: 001 ECON 8107; Varadarajan Chari ; 2 cr.
 49769 002 DIS, 17:45-19:00 T, Blegen Hall 125, In Person Term Based; Meets With: 002 ECON 8107; 2 cr.

4168 Macroeconomic Theory

(Student Option; Prereq: 3101, 3102, 4167, MATH 2243, MATH 2263, [[STAT 4101, STAT 4102] or equiv], dept consent)

49763 001 LEC, 14:30-15:45 TTh, Hanson Hall 4-170, In Person Term Based; Meets With: 001 ECON 8108; Erzo Luttmer ; 2 cr.
 49764 002 DIS, 10:30-11:45 F, Hanson Hall 1-103, In Person Term Based; Meets With: 002 ECON 8108; 2 cr.

4261 Introduction to Econometrics

(A-F or Audit; Prereq: [3101 or equiv], [[MATH 1271, Math 1272] or equiv], Math 2243, Math 2263, [[Stat 4101, Stat 4102] or [Stat 5101, Stat 5102]]; Math 4242 strongly recommended)

50286 001 LEC, 9:45-11:00 TTh, Anderson Hall 230, In Person Term Based; 4 cr.
 50287 002 DIS, 12:20-13:10 Th, Blegen Hall 240, In Person Term Based; 4 cr.
 51273 004 DIS, 13:25-14:15 Th, Blegen Hall 125, In Person Term Based; 4 cr.
 51274 003 DIS, 12:20-13:10 T, Blegen Hall 240, In Person Term Based; 4 cr.

4311 Economy of Latin America

(Student Option; Prereq: [1101, 1102] or equiv)

48971 001 LEC, 17:00-19:30 M, Hanson Hall 1-108, In Person Term Based; 3 cr.

4317 The Chinese Economy

(A-F only;)

68971 001 LEC, 17:00-19:30 M, Blegen Hall 250, In Person Term Based; 3 cr.

4331W Economic Development

(Student Option; Prereq: [[3101, 3102] or equiv], completion of freshman writing practiceWI)

48948 001 LEC, 17:30-20:00 Th, Blegen Hall 317, In Person Term Based; 3 cr.
 51354 002 LEC, 16:00-17:15 MW, Hanson Hall 1-105, In Person Term Based; 3 cr.

4337 Comparative Economic Systems

(Student Option; Prereq: 3101, 3102 or equiv)

48949 001 LEC, 13:00-14:15 MW, Hanson Hall 1-108, In Person Term Based; 3 cr.

4401 International Economics

(Student Option; Prereq: [[1101, 1102] or equiv], not open to econ majorsGP)

48934 001 LEC, 16:00-17:15 MW, Blegen Hall 140, In Person Term Based; 3 cr.

4431W International Trade

(Student Option; Prereq: [3101, 3102] or equiv, freshman writing practiceGP,WI)

49697 001 LEC, 11:15-12:30 TTh, Hanson Hall 1-111, In Person Term Based; Simran Sahi ; 3 cr.

4432W International Finance

(Student Option; Prereq: 3101, 3102 or equiv; 4431 or 4439 or equiv recommendedWI)

48950 002 LEC, 8:15- 9:30 MW, Hanson Hall 1-105, In Person Term Based; 3 cr.

4438W Advanced International Trade

(A-F only; Prereq: [3101, 3102] or equiv, Math 1271, completion of freshman writing practiceGP,WI)

68972 001 LEC, 14:00-14:50 F, Hanson Hall 1-107, 16:00-17:15 MW, Hanson Hall 1-107, In Person Term Based; Erzo Luttmer ; 4 cr.

4531 Labor Economics

(Student Option; Prereq: 3101, 3102 or equiv)

51002 001 LEC, 16:00-17:15 TTh, Hanson Hall 1-107, In Person Term Based; 3 cr.

4538 Advanced Labor Economics

(A-F only; Prereq: 3101, 3102 or equiv; Calc 1 or equivalent)

52800 001 LEC, 19:00-20:00 Th, Blegen Hall 250, 14:30-15:45 MW, Blegen Hall 317, In Person Term Based; Kyle Herkenhoff ; 4 cr.

4631 Industrial Organization and Antitrust Policy

(Student Option; Prereq: 3101 or equiv)

50285 001 LEC, 9:45-11:00 MW, Hanson Hall 1-105, In Person Term Based; 3 cr.

4721 Money and Banking

(A-F only; Prereq: [3101, 3102] or equiv)

48952 001 LEC, 9:45-11:00 TTh, Hanson Hall 1-106, In Person Term Based; 3 cr.

4731 Macroeconomic Policy

(Student Option; Prereq: 3101, 3102 or equiv)

68169 001 LEC, 17:00-19:00 TTh, Hanson Hall 1-111, In Person Term Based; 3 cr.

4751 Financial Economics

(Student Option; Prereq: [3101 or equiv], [MATH 1271 or equiv], one sem statistics)
49695 001 LEC, 8:15- 9:30 TTh, Hanson Hall 1-105, In Person Term Based; 3 cr.
50828 002 LEC, 16:00-17:15 TTh, Hanson Hall 1-103, In Person Term Based; 3 cr.

4758 Advanced Financial Economics

(A-F only; Prereq: 3101, [3102 or equiv], [Math 1271 or equiv], [Stat 3011 or equiv])
69552 001 LEC, 15:35-16:25 T, Blegen Hall 250, 9:45-11:00 TTh, Hanson Hall 1-107, In Person Term Based; Jan Werner ; 4 cr.

4821 Public Economics

(A-F only; Prereq: [3101, 3102] or equiv)
51353 001 LEC, 8:15- 9:30 TTh, Hanson Hall 1-103, In Person Term Based; 3 cr.

4831 Cost-Benefit Analysis

(Student Option;)
49966 001 LEC, 11:15-12:30 MW, Hanson Hall 1-105, In Person Term Based; 3 cr.

4993 Directed Study

(Student Option; Prereq: dept consent)
48953 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8003 Microeconomic Analysis

(Student Option; Prereq: 8002)
49440 001 LEC, 11:15-12:30 TTh, Blegen Hall 335, In Person Term Based; Meets With: 001 ECON 4163; Aldo Rustichini ; 2 cr.
49441 002 DIS, 14:30-15:20 F, Carlson School of Mgmt 1-127, In Person Term Based; Meets With: 002 ECON 4163; 2 cr.

8004 Microeconomic Analysis

(Student Option; Prereq: 8003)
49444 001 LEC, 11:15-12:30 TTh, Blegen Hall 335, In Person Term Based; Meets With: 001 ECON 4164; Beth Allen ; 2 cr.
49445 002 DIS, 14:30-15:45 Th, Blegen Hall 335, In Person Term Based; Meets With: 002 ECON 4164; 2 cr.

8103 Microeconomic Theory

(Student Option; Prereq: 8102, concurrent registration is required (or allowed) in Math 5616 or concurrent registration is required (or allowed) in Math 8602 or comparable abstract math course, grad econ major or instr consent)
49108 001 LEC, 9:45-11:00 TTh, Blegen Hall 260, In Person Term Based; Aldo Rustichini ; 2 cr.
49109 002 DIS, 17:45-19:00 Th, Carlson School of Mgmt 1-136, In Person Term Based; 2 cr.

8104 Microeconomic Theory

(Student Option; Prereq: 8103, concurrent registration is required (or allowed) in Math 5616 or concurrent registration is required (or allowed) in Math 8602 or comparable abstract math course, grad econ major or instr consent)
49110 001 LEC, 9:45-11:00 TTh, Blegen Hall 260, In Person Term Based; David Rahman ; 2 cr.
49111 002 DIS, 16:00-17:15 Th, Hubert H. Humphrey School 60, In Person Term Based; 2 cr.

8107 Macroeconomic Theory

(Student Option; Prereq: 8106)
49770 001 LEC, 14:30-15:45 TTh, Hanson Hall 4-170, In Person Term Based; Meets With: 001 ECON 4167; Varadarajan Chari ; 2 cr.
49771 002 DIS, 17:45-19:00 T, Blegen Hall 125, In Person Term Based; Meets With: 002 ECON 4167; 2 cr.

8108 Macroeconomic Theory

(Student Option; Prereq: 8107)
49448 001 LEC, 14:30-15:45 TTh, Hanson Hall 4-170, In Person Term Based; Meets With: 001 ECON 4168; Erzo Luttmmer ; 2 cr.
49449 002 DIS, 10:30-11:45 F, Hanson Hall 1-103, In Person Term Based; Meets With: 002 ECON 4168; 2 cr.

8119 Cooperative Game Theory

(Student Option; Prereq: 8104, Math 5616 or equiv or instr consent)
51654 001 LEC, 11:15-12:55 MW, Hanson Hall 4-168, In Person Term Based; Beth Allen ; 2 cr.

8181 Advanced Topics in Microeconomics

(Student Option; Prereq: 8104 or instr consent)
51655 001 LEC, 16:00-17:40 TTh, Hanson Hall 4-170, In Person Term Based; Aldo Rustichini ; 2 cr.

8182 Advanced Topics in Microeconomics

(Student Option; Prereq: 8104 or instr consent)
51656 001 LEC, 16:00-17:40 TTh, Hanson Hall 4-170, In Person Term Based; David Rahman ; 2 cr.

8186 Advanced Topics in Macroeconomics

(Student Option; Prereq: 8108 or instr consent)
69016 002 LEC, 17:00-20:40 M, Hanson Hall 4-190, In Person Term Based; 2 cr.
70030 003 LEC, 13:30-16:50 M, Hanson Hall 4-190, In Person Term Based; Loukas Karabarbounis ; 2 cr.

8192 Workshop in Mathematical Economics

(Student Option; Prereq: 8104 or instr consent)
49115 001 LEC, 18:00-20:00 T, Hanson Hall 4-190, In Person Term Based; Aldo Rustichini, David Rahman ; 1-3 cr.

8207 Applied Econometrics

(Student Option; Prereq: 8206, concurrent registration is required (or allowed) in 8103, concurrent registration is required (or allowed) in 8107, concurrent registration is required (or allowed) in Stat 5102 or instr consent)
49112 001 LEC, 13:30-14:45 MW, Hanson Hall 4-190, In Person Term Based; Erzo Luttmmer ; 2 cr.
49113 002 DIS, 16:40-18:00 F, Hanson Hall 4-170, In Person Term Based; 2 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
49541 001 IND, In Person Term Based; 1 cr.

8392 Workshop in Economic Growth and Development

(Student Option; Prereq: instr consent)
49967 001 LEC, 17:30-19:00 W, Hanson Hall 4-190, In Person Term Based; Varadarajan Chari, Christopher Phelan, Larry Jones ; 1-3 cr.

8403 International Trade and Payments Theory

(Student Option; Prereq: 8402 or instr consent)
49114 001 LEC, 9:30-11:10 MW, Hanson Hall 4-168, In Person Term Based; Erzo Luttmmer ; 2 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
49566 001 IND, In Person Term Based; 1 cr.

8492 Workshop in Trade and Development

(Student Option; Prereq: instr consent)
49127 001 LEC, 15:30-18:30 F, Carlson School of Mgmt 2-228, In Person Term Based; Timothy Kehoe, Manuel Amador ; 1-3 cr.

8503 Wages and Employment

(Student Option; Prereq: 8502 or instr consent)
50896 001 LEC, 13:00-16:00 W, Hanson Hall 4-170, In Person Term Based; Fatih Guvenen ; 2 cr.
70032 003 LEC, 8:30-11:50 T, Hanson Hall 4-190, In Person Term Based; Loukas Karabarbounis ; 2 cr.

8582 Advanced Topics in Labor Economics

(Student Option; Prereq: 8502 or instr consent)
69058 001 LEC, 17:00-20:40 W, Hanson Hall 4-170, In Person Term Based; Kyle Herkenhoff ; 2 cr.

8603 Industrial Organization and Government Regulation

(Student Option; Prereq: 8602 or instr consent)
52011 001 LEC, 9:00-10:40 F, Carlson School of Mgmt 2-219, In Person Term Based; James Schmitz ; 2 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
49588 001 IND, In Person Term Based; 1-6 cr.

8692 Workshop in Applied Microeconomics

(Student Option; Prereq: instr consent)
50796 001 LEC, 12:00-13:30 T, Hanson Hall 4-190, In Person Term Based; Amil Petrin, Thomas Holmes ; 1-3 cr.

8703 Monetary Economics

(Student Option; Prereq: 8702 or instr consent)
69018 001 LEC, 13:30-14:50 MW, Hanson Hall 4-170, In Person Term Based; Juan Nicolini ; 2 cr.

8705 Financial Economics

(Student Option; Prereq: 8704 or instr consent)
51863 002 LEC, 11:15-12:55 TTh, Hanson Hall 4-170, In Person Term Based; Jan Werner ; 2 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
49610 001 IND, In Person Term Based; 1-18 cr.

8792 Workshop in Macroeconomics

(Student Option; Prereq: instr consent)
51665 001 LEC, 9:00-11:00 M, Hanson Hall 4-190, In Person Term Based; Loukas Karabarbounis, Ellen McGrattan ; 1-3 cr.
52717 002 LEC, 14:00-16:00 Th, Hanson Hall 4-190, In Person Term Based; Fatih Guvenen, Jeremy Lise ; 1-3 cr.

8802 Public Economics

(Student Option; Prereq: 8801 or instr consent)
52753 001 LEC, 13:20-15:00 MW, Hanson Hall 4-168, In Person Term Based; Christopher Phelan ; 2 cr.

8803 Public Economics

(Student Option; Prereq: 8802 or instr consent)
50875 001 LEC, 9:00-10:40 MW, Hanson Hall 4-170, In Person Term Based; Jonathan Heathcote ; 2 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
49645 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8990 Individual Graduate Research

(Student Option; Prereq: instr consent)
49381 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

Ecuador (ECDR)**Education (EDUC)****8333 FTE: Master's**

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
47438 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
47444 001 IND, In Person Term Based; 1 cr.
47445 002 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
47451 001 IND, In Person Term Based; 1-6 cr.
47452 002 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
47461 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
47433 001 IND, In Person Term Based; 1-24 cr.
47434 002 IND, In Person Term Based; 1-24 cr.

Educational Psychology (EPSY)**1261 Understanding Data Stories through Visualization & Computing**

(A-F only; MATH)
67243 002 LEC, 9:45-11:00 MW, Appleby Hall 128, In Person Term Based; Suzanne Loch ; 3 cr.

1281 Psychological Science Applied

(A-F only; SOCS)
48556 001 LEC, 9:05- 9:55 MW, Molecular Cellular Biol 3-120, In Person Term Based; Ananya Matevos ; 4 cr.
48557 002 LAB, 15:35-16:25 TTh, Appleby Hall 226, In Person Term Based; 4 cr.

48558 003 LAB, 9:05- 9:55 TTh, Peik Hall 155, In Person
Term Based; 4 cr.
48559 004 LAB, 15:35-16:25 TTh, Peik Hall 225, In Person
Term Based; 4 cr.
48560 005 LAB, 15:35-16:25 TTh, Peik Hall 215, In Person
Term Based; 4 cr.
67240 006 LAB, 9:05- 9:55 TTh, Peik Hall 225, In Person
Term Based; 4 cr.
67646 007 LAB, 15:35-16:25 TTh, Peik Hall 375, In Person
Term Based; 4 cr.

2601 Understanding Differences, Disabilities, and the Career of Special Education
(A-F only;)

48350 001 LEC, 11:15-13:45 T, Civil Engineering Bldg 213, 11:15-13:45 Th, Rapson Hall 43, In Person Term Based; Rose Vukovic ; 4 cr.

3101 Creativity and Intelligence: an Introduction

(Student Option No Audit;)

48091 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Meets With: 001 EPSY 5101; William Bart ; 3 cr.

3119 Learning, Cognition, and Assessment
(A-F or Audit;)

47198 001 LEC, 13:00-14:15 T, Mayo Bldg & Additions C231, In Person Term Based; Meets With: 001 EPSY 5001; Jenifer Doll ; 3 cr.

48248 002 LAB, 13:00-14:15 Th, Peik Hall 155, In Person
Term Based; Meets With: 002 EPSY 5001; 3 cr.
48249 003 LAB, 13:00-14:15 Th, Ruttan Hall 143, In Person
Term Based; Meets With: 003 EPSY 5001; 3 cr.
48346 004 LAB, 13:00-14:15 Th, McNeal Hall 310, In Person
Term Based; Meets With: 004 EPSY 5001; 3 cr.

3264 Basic and Applied Statistics
(Student Option; MATH)

47222 001 LEC, 9:45-11:00 MW, Bruininks Hall 420B, In Person Term Based; Michael Huberty ; 3 cr.
47456 002 LEC, 9:45-11:00 TTh, Bruininks Hall 420B, In Person Term Based; Suzanne Loch ; 3 cr.
47497 003 LEC, 13:00-14:15 TTh, Bruininks Hall 512B, In Person Term Based; Chelsey Legacy ; 3 cr.
47788 004 LEC, 00:00-00:00 , ONLINE, Completely Online; Suzanne Loch ; 3 cr.

3701 Practicum: Field Experience in General Education - Inclusive Classrooms
(S-N only;)

48351 001 FWK, 11:15-12:05 M, Bruininks Hall 119, 11:15-12:05 M, Bruininks Hall 119, In Person Term Based; Charissa O'Neill ; 1-2 cr.
68644 002 FWK, 11:15-12:05 T, Folwell Hall 118, 11:15-12:05 T, Folwell Hall 118, In Person Term Based; Charissa O'Neill ; 1-2 cr.
68645 003 FWK, 11:15-12:05 W, Bruininks Hall 119, 11:15-12:05 W, Bruininks Hall 119, In Person Term Based; Charissa O'Neill ; 1-2 cr.
68646 004 FWK, 11:15-12:05 Th, Vincent Hall 313, 11:15-12:05 Th, Vincent Hall 313, In Person Term Based; Charissa O'Neill ; 1-2 cr.
69125 005 FWK, 11:15-12:05 F, Peik Hall 335, 11:15-12:05 F, Peik Hall 335, In Person Term Based; Charissa O'Neill ; 1-2 cr.

3801 The Science of Human Resilience and Wellbeing: Foundational Knowledge for Career and Life Success
(A-F or Audit; SOCS)

70252 001 LEC, 13:00-14:15 MW, Elliott Hall N647, In Person Term Based; Clayton Cook ; 3 cr.

4001 Teaching Students with Special Needs in Inclusive Settings

(A-F only; Prereq: Must be enrolled in either the initial teaching licensure program for music education or agricultural education students. All other initial teaching licensure candidates should enroll in 5015 and 5016.)

48314 001 DIS, 8:05-11:00 W, Appleby Hall 303, In Person Term Based; Robert Henery ; 1 cr.

5001 Learning, Cognition, and Assessment
(Student Option; Prereq: MEJ/initial licensure student or CLA music ed or preteaching major or instr consent; psych course recommended)

47386 001 LEC, 13:00-14:15 T, Mayo Bldg & Additions C231, In Person Term Based; Meets With: 001 EPSY 3119; Jenifer Doll ; 3 cr.

48246 002 LAB, 13:00-14:15 Th, Peik Hall 155, In Person
Term Based; Meets With: 002 EPSY 3119; 3 cr.
48247 003 LAB, 13:00-14:15 Th, Ruttan Hall 143, In Person
Term Based; Meets With: 003 EPSY 3119; 3 cr.
48347 004 LAB, 13:00-14:15 Th, McNeal Hall 310, In Person
Term Based; Meets With: 004 EPSY 3119; 3 cr.
48443 005 LEC, 16:30-17:45 T, Elliott Hall N647, In Person
Term Based; Jenifer Doll ; 3 cr.
48444 006 LAB, 17:55-19:10 T, Elliott Hall N647, In Person
Term Based; 3 cr.

5016 Teaching Students with Special Needs in Inclusive Settings

(A-F only; Prereq: Enrolled in teacher initial licensure program)

48217 001 FWK, 16:40-19:20 T, Room TBA, 16:40-19:20 T, Room TBA, Partially Online; Charissa O'Neill ; 1 cr.

5101 Intelligence and Creativity

(A-F or Audit;)

47791 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Meets With: 001 EPSY 3101; William Bart ; 3 cr.

5114 Psychology of Student Learning

(A-F or Audit;)

67595 001 LEC, 16:40-19:20 M, Nicholson Hall 315, In Person Term Based; Ananya Matewos ; 3 cr.

5151 Cooperative Learning

(Student Option;)

48270 001 LEC, 8:00-17:00 Sa, Peik Hall 40, 8:00-17:00 Sa, Peik Hall 40, 8:00-13:00 Sa, Peik Hall 40, In Person Term Based; Roger Johnson, David Johnson ; 3 cr.

5191 Education of the Gifted and Talented

(A-F or Audit;)

48553 001 LEC, Completely Online; William Bart ; 3 cr.

5200 Special Topics: Psychological Foundations
(Student Option;)

65637 001 LEC, 14:30-17:25 T, Folwell Hall 12, In Person Term Based; Keisha Varma ; 1-4 cr.

5243 Principles and Methods of Evaluation

(Student Option;)

48094 001 LEC, In Person Term Based; Meets With: 001 OLPD 5501; Stuart Yeh ; 3 cr.

5245 Advanced Survey Data Analysis for Categorical and Rating Scale Data

(Student Option; Prereq: 5244, 5261)

70100 001 LEC, 16:40-19:20 T, Peik Hall 315, 16:40-19:20 T, Peik Hall 315, 16:40-19:20 T, Peik Hall 315, In Person Term Based; Michael Rodriguez ; 1 cr.

5261 Introductory Statistical Methods

(Student Option;)

47228 001 LEC, 14:30-15:45 TTh, Bruininks Hall 512B, In Person Term Based; Elizabeth Fry ; 3 cr.
47420 002 LEC, 00:00-00:00 , ONLINE, Completely Online; Brett Morrow ; 3 cr.

5262 Intermediate Statistical Methods

(Student Option; Prereq: 3264 or 5261 or equiv)

47830 001 LEC, 16:00-17:15 MW, Peik Hall 335, In Person Term Based; Elizabeth Fry ; 3 cr.

5271 Becoming a Teacher of Statistics

(Student Option; Prereq: 5261 or equiv)

67244 001 LEC, 16:40-19:20 T, Peik Hall 165, In Person Term Based; Elizabeth Fry ; 3 cr.

5400 Special Topics in Counseling Psychology

(Student Option;)

67235 001 LEC, 16:40-20:20 Th, Peik Hall 215, In Person Term Based; Kelli Howard ; 1-4 cr.

5421 Leadership and Administration of Student Affairs

(Student Option;)

48276 001 LEC, In Person Term Based; ; 3 cr.

5435 Introduction to School Counseling

(A-F only; Prereq: CSPP grad student in school counselor prog or instr consent)

47416 001 LEC, 16:40-19:20 T, Peik Hall 375, In Person Term Based; Marguerite Ohtman ; 3-6 cr.

5604 Transition From School to Work and Community Living for Persons With Special Needs

(Student Option;)

47195 001 LEC, 16:40-19:20 M, Peik Hall 315, In Person Term Based; Virginia Zeyer ; 3 cr.

5605 Collaborative Practices for the Special Educator

(A-F only;)

48352 001 LEC, 16:40-19:20 T, Nicholson Hall 110, In Person Term Based; Ananya Matewos ; 3 cr.

5613 Foundations of Special Education I
(A-F or Audit; DSJ)

47196 001 LEC, 13:00-14:15 TTh, Peik Hall 28, In Person Term Based; Amy Kunkel ; 3 cr.

48592 003 LEC, 16:40-19:20 W, Peik Hall 215, In Person Term Based; Amy Kunkel ; 3 cr.

5614 Assessment and Due Process in Special Education
(A-F or Audit;)

47192 001 LEC, 16:40-19:20 W, , In Person Term Based;

Kathy Seifert ; 3 cr.

48561 002 LEC, 16:40-19:20 W, Folwell Hall 32, In Person Term Based; Michelle Marchant-Wood ; 3 cr.

5616 Classroom Management and Behavior Analytic Problem Solving

(Student Option;)

47419 002 LEC, 14:30-15:45 TTh, Wulling Hall 220, In Person Term Based; ; 3 cr.

47568 001 LEC, 14:30-15:45 TTh, Nicholson Hall 110, In Person Term Based; Michelle Marchant-Wood ; 3 cr.

48029 003 LEC, 16:40-19:20 Th, Appleby Hall 226, In Person Term Based; Robert Henery ; 3 cr.

5617 Academic and Social Interventions for Students with Mild to Moderate Disabilities

(A-F only; Prereq: instr consent)

48271 001 LEC, 16:40-19:20 Th, Peik Hall 225, In Person Term Based; Kathy Seifert ; 3 cr.

5618 Specialized Interventions for Students With Mild/Moderate Disabilities in Reading & Written Language

(A-F or Audit;)

67542 001 DIS, 16:40-19:20 M, Peik Hall 165, In Person Term Based; Kathy Seifert ; 3 cr.

5619W Specialized Interventions in Mathematics for Students with Mild to Moderate Disabilities

(A-F only; W)

67543 001 LEC, 16:40-19:20 Th, Smith Hall 121, In Person Term Based; Michelle Marchant-Wood ; 3 cr.

5629 Strategic Instructional Methods for Students Academically At-Risk

(A-F only; Prereq: Special Education graduate or licensure student or instr consent)

65756 212 LEC, In Person Term Based; Marc Markell ; 3 cr.

5631 Module 1: Introduction to Augmentative and Alternative Communication

(A-F only;)

48273 001 LEC, Completely Online; Brenna Pham ; 1 cr.

5645 Deaf Plus: Educating and Understanding Deaf Students with Disabilities

(A-F only;)

67605 001 LEC, 16:40-18:30 W, Pillsbury Hall 125B, In Person Term Based; 1 cr.

5646 Best Practices Teaching Reading and Writing for School Age: Deaf and Hard of Hearing

(A-F only;)

67586 001 LEC, 17:15-20:00 M, Lrng & Environmental Sci 140A, In Person Term Based; Janet Caven ; 3 cr.

5651 Best Practices Teaching Content Areas: Deaf Education

(A-F only;)

48272 001 LEC, 16:40-19:20 T, Smith Hall 121, In Person Term Based; Debbie Golos ; 3 cr.

5654 Current Research, Issues Trends in Deaf Education

(A-F only;)

67587 001 DIS, 16:40-18:30 W, Pillsbury Hall 125B, In Person Term Based; Debbie Golos ; 1 cr.

5656 Advanced Issues in Emotional Behavior Disorders

(A-F or Audit;)

48383 213 LEC, In Person Term Based; 3 cr.

5681 Education of Preschool Children With Disabilities: Methods and Materials

(A-F only; Prereq: [5616, 5625] or instr consent)

47193 001 LEC, 16:40-19:20 M, Elliott Hall N119, In Person Term Based; LeAnne Johnson ; 3 cr.

5690 Experimental Teaching Seminar: MEEd Culminating Project

(A-F only; Prereq: instr consent)

48277 001 LEC, 16:40-18:20 W, Folwell Hall 4, In Person Term Based; Robert Henery ; 2 cr.

5701 Practicum: Field Experience in General Education - Inclusive Classrooms

(S-N only;)

47454 001 FWK, 11:15-12:05 M, Bruininks Hall 119, 11:15-12:05 M, Bruininks Hall 119, In Person Term Based; Charissa O'Neill ; 1-2 cr.

68648 002 FWK, 11:15-12:05 T, Folwell Hall 118, 11:15-12:05 T, Folwell Hall 118, In Person Term Based; Charissa O'Neill ; 1-2 cr.

68649 003 FWK, 11:15-12:05 W, Bruininks Hall 119, 11:15-12:05 W, Bruininks Hall 119, In Person Term Based; Charissa O'Neill ; 1-2 cr.

68650 004 FWK, 11:15-12:05 Th, Folwell Hall 12, 11:15-12:05 Th, Folwell Hall 12, In Person Term Based; Charissa O'Neill ; 1-2 cr.

69146 005 FWK, 11:15-12:05 F, Peik Hall 335, 11:15-12:05 F, Peik Hall 335, In Person Term Based; Charissa O'Neill ; 1-2 cr.

69146 005 FWK, 11:15-12:05 F, Peik Hall 335, 11:15-12:05 F, Peik Hall 335, In Person Term Based; Charissa O'Neill ; 1-2 cr.

5704 Practicum: Special Education Field Experience in Middle and Secondary School Classrooms

(S-N only;)

48274 001 FWK, 11:15-12:05 M, Bruininks Hall 119, 11:15-12:05 M, Bruininks Hall 119, In Person Term Based; Charissa O'Neill ; 1-2 cr.

67590 002 FWK, 11:15-12:05 T, Folwell Hall 118, 11:15-12:05 T, Folwell Hall 118, In Person Term Based; Charissa O'Neill ; 1-2 cr.

67591 003 FWK, 11:15-12:05 W, Bruininks Hall 119, 11:15-12:05 W, Bruininks Hall 119, In Person Term Based; Charissa O'Neill ; 1-2 cr.

67592 004 FWK, 11:15-12:05 Th, Folwell Hall 118, 11:15-12:05 Th, Folwell Hall 118, In Person Term Based; Charissa O'Neill ; 1-2 cr.

67593 005 FWK, 11:15-12:05 F, Peik Hall 335, 11:15-12:05 F, Peik Hall 335, In Person Term Based; Charissa O'Neill ; 1-2 cr.

69147 006 FWK, In Person Term Based; Janet Caven ; 1-2 cr.

69147 006 FWK, In Person Term Based; Janet Caven ; 1-2 cr.

5705 Practicum: Special Ed Field Experience in Early Childhood SpEd (ECSE) & Elementary School Classrooms

(S-N only;)

48275 001 FWK, 11:15-12:05 M, Bruininks Hall 119, 11:15-12:05 M, Bruininks Hall 119, In Person Term Based; Charissa O'Neill ; 1-2 cr.

67588 002 FWK, 11:15-12:05 T, Folwell Hall 118, 11:15-12:05 T, Folwell Hall 118, In Person Term Based; Charissa O'Neill ; 1-2 cr.

67589 003 FWK, 11:15-12:05 W, Bruininks Hall 119, 11:15-12:05 W, Bruininks Hall 119, In Person Term Based; Charissa O'Neill ; 1-2 cr.

67596 004 FWK, 11:15-12:05 Th, Civil Engineering Bldg 214, 11:15-12:05 Th, Civil Engineering Bldg 214, In Person Term Based; Charissa O'Neill ; 1-2 cr.

67597 005 FWK, 11:15-12:05 F, Peik Hall 335, 11:15-12:05 F, Peik Hall 335, In Person Term Based; Charissa O'Neill ; 1-2 cr.

69149 006 FWK, In Person Term Based; Janet Caven ; 1-2 cr.

69149 006 FWK, In Person Term Based; Janet Caven ; 1-2 cr.

5706 Practicum in Moderate to Severe Developmental Disabilities

(S-N only;)

65757 001 LEC, In Person Term Based; Virginia Zeyer ; 2 cr.

5707 Practicum in Moderate to Severe Learning Disabilities

(S-N only;)

48646 001 FWK, Independent/Directed Study; Kathy Seifert ; 3 cr.

5708 Practicum in Moderate to Severe Emotional/Behavioral Disorders

(S-N only;)

48494 214 FWK, In Person Term Based; 3 cr.

5741 Student Teaching: Academic and Behavioral Strategist

(S-N only; Prereq: Special education licensure program or instr consent)

48355 001 FWK, In Person Term Based; Robert Henery ; 3-6 cr.

68070 002 FWK, In Person Term Based; Robert Henery ; 3-6 cr.

5742 Student Teaching: Autism Spectrum Disorders

(S-N only;)

48356 001 FWK, In Person Term Based; Veronica Fleury ; 6 cr.

5755 Student Teaching: Developmental Disabilities, Mild/Moderate

(A-F or Audit; Prereq: Completion of all licensure coursework, instr consent)

70044 001 FWK, In Person Term Based; Virginia Zeyer ; 1-6 cr.

5761 Student Teaching in Early Childhood Special Education Settings for Children Aged Three to Five Years

(S-N only; Prereq: Licensure candidate in Early Childhood/Early Childhood Licensure Program, completion of all other licensure requirements for ECSE, instr consent; completion of Birth-3 student teaching should be completed after age 3-5 student teaching when possible)

47975 001 FWK, In Person Term Based; LeAnne Johnson ; 3 cr.

5762 Student Teaching in Early Childhood Special Education for Children Aged Birth to Three Years

(S-N only; Prereq: Licensure candidate in Early Childhood/Early Childhood Licensure Program, completion of all other licensure requirements for ECSE, instr consent; completion of Birth-3 student teaching should be completed after age 3-5 student teaching when possible)

47976 001 FWK, 00:00-00:00 , In Person Term Based; LeAnne Johnson ; 3 cr.

5765 Practicum in Special Education: Instructional Planning and Delivery

(S-N only;)

69991 001 FWK, In Person Term Based; 2 cr.

5851 Engaging Diverse Students and Families

(Student Option; Prereq: Honors senior or grad student)

67201 001 DIS, 14:30-17:20 W, Appleby Hall 11, In Person Term Based; Annie Hansen-Burke ; 3 cr.

5991 Independent Study in Educational Psychology

(A-F or Audit; Prereq: instr consent)

47343 001 IND, 16:40-18:20 W, Folwell Hall 4, In Person Term Based; Robert Henery ; 1-8 cr.

47344 002 IND, Independent/Directed Study; 1-8 cr.

47345 003 IND, Independent/Directed Study; 1-8 cr.

47345 003 IND, Independent/Directed Study; 1-8 cr.

47346 004 IND, Independent/Directed Study; 1-8 cr.

48379 005 IND, Independent/Directed Study; 1-8 cr.

48649 006 IND, 16:40-18:20 W, Folwell Hall 4, In Person Term Based; Robert Henery ; 1-8 cr.

68317 007 IND, In Person Term Based; Jennifer McComas ; 1-8 cr.

8112 Mathematical Cognition

(Student Option; Prereq: 5114 or equiv)

67242 001 LEC, 14:30-17:15 T, Nicholson Hall 115, In Person Term Based; Sashank Varma ; 3 cr.

8132 Personality Development and Socialization

(Student Option; Prereq: Personality or child psych course)

47229 001 LEC, 16:40-19:20 M, Peik Hall 215, In Person Term Based; Carolyn Berger ; 3 cr.

8215 Advanced Research Methodologies in Education

(Student Option;)

67245 001 LEC, 8:15- 9:30 TTh, Wulling Hall 240, In Person Term Based; Ernest Davenport ; 3 cr.

8222 Advanced Measurement: Theory and Application

(Student Option; Prereq: [5221 or PSY 5862 or equiv], [8252 or equiv])

67246 001 LEC, 11:15-12:30 TTh, Elliott Hall N423, In Person Term Based; Meets With: 001 PSY 5865; David Weiss, Mark Davison ; 4 cr.

67247 002 LAB, 10:30-12:30 M, Elliott Hall S150, In Person Term Based; Meets With: 002 PSY 5865; David Weiss, Mark Davison ; 4 cr.

8225 Operational Measurement: Test Score Quality Assurance, Standard Setting, and Equating

(Student Option; Prereq: 5221, [8252 or equiv])

64917 001 LEC, 9:05-11:55 M, Appleby Hall 3, In Person Term Based; Michael Rodriguez ; 3 cr.

8226 Item Response Models: Theory and Applications

(Student Option; Prereq: [5221 or Psy 5862 or equiv], [8252 or equiv])

48660 001 LEC, 16:00-17:15 MW, Ford Hall 155, In Person Term Based; Mark Davison ; 3 cr.

8252 Statistical Methods in Education II

(Student Option; Prereq: [8251, 8261 or equiv])

48088 001 LEC, 9:45-11:00 MW, Peik Hall 215, In Person Term Based; Andrew Zieffler ; 3 cr.

48461 002 LEC, 11:15-12:30 TTh, Elliott Hall N647, In Person Term Based; Andrew Zieffler ; 3 cr.

67248 003 LEC, 13:00-14:15 TTh, Peik Hall 215, In Person Term Based; Robert delMas ; 3 cr.

8266 Statistical Analysis Using Structural Equation Methods

(Student Option; Prereq: 8265, [8252 or equiv])

47937 001 LEC, 14:30-15:45 TTh, Nicholson Hall 335, In Person Term Based; Nidhi Kohli ; 3 cr.

8267 Applied Multivariate Analysis

(Student Option; Prereq: [8252 or equiv], familiarity with matrix algebra, knowledge of a computerized statistics package)

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

64916 001 LEC, 17:30-20:10 T, Smith Hall 111, In Person Term Based; Ernest Davenport ; 3 cr.

8504 Counseling Practicum II

(A-F or Audit; Prereq: 8503 or instr consent)
47200 001 FWK, 8:30-10:30 Th, Education Sciences Bldg 125, In Person Term Based; Thomas Skovholt, Kelli Howard ; 1-4 cr.
47474 003 FWK, 16:30-19:20 W, Peik Hall 28, In Person Term Based; Marguerite Ohrtman ; 1-4 cr.
69468 002 FWK, 14:00-16:00 M, Education Sciences Bldg 125, In Person Term Based; Thomas Skovholt, Kelli Howard ; 1-4 cr.

8512 Internship: CSPP

(S-N only; Prereq: EdPsy PhD student with CSPP subprog)
47201 001 FWK, In Person Term Based; ; 1-12 cr.

8600 Special Topics: Special Education Issues

(A-F or Audit;)
69554 001 LEC, 14:30-17:20 Th, Peik Gymnasium G65, In Person Term Based; Asha Jitendra ; 1-3 cr.
69555 002 LEC, 11:15-14:15 W, Civil Engineering Bldg 214, In Person Term Based; Alisha Wackerle-Hollman ; 1-3 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
47453 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8694 Research in Special Education

(Student Option;)
47943 001 LEC, 14:00-16:30 W, Education Sciences Bldg 320, In Person Term Based; Scott McConnell ; 3 cr.

8702 Doctoral Core Seminar: Special Education II

(A-F or Audit; Prereq: 8701 or instr consent)
47194 001 LEC, 14:30-17:20 M, Education Sciences Bldg 320, In Person Term Based; Asha Jitendra ; 3 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
47462 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8813 Introductory Practicum in School Psychology

(A-F only;)
47220 001 FWK, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, In Person Term Based; Annie Hansen-Burke ; 2 cr.

8815 Behavioral and Social Emotional Prevention and Intervention

(A-F or Audit; Prereq: 8821, 8811, 8812)
47498 001 LEC, 14:30-17:30 T, Civil Engineering Bldg 213, In Person Term Based; Annie Hansen-Burke ; 3 cr.

8816 Academic Prevention and Intervention

(A-F or Audit;)
48654 001 LEC, 9:05-12:05 W, Ford Hall 110, In Person Term Based; Robin Coddling ; 3 cr.

8817 Problem Analysis and Consultation in School Psychology

(A-F or Audit;)
48173 001 LEC, 14:30-17:20 M, Appleby Hall 11, In Person Term Based; Clayton Cook ; 3 cr.

8818 Intermediate Practicum in School Psychology

(A-F only; Prereq: concurrent registration is required (or allowed) in 8815 or concurrent registration is required (or allowed) in 8816)
47221 001 FWK, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, In Person Term Based; Robin Coddling ; 2 cr.

8819 Emotion & Childhood Psychopathology

(A-F only;)
48514 001 LEC, 16:00-19:00 T, Appleby Hall 3, In Person Term Based; Kirsten Newell ; 3 cr.

8822 Research in School Psychology

(A-F only;)
68044 001 LEC, 8:00- 8:50 M, Education Sciences Bldg 320, In Person Term Based; Robin Coddling ; 3 cr.

8832 Advanced Practicum in School Psychology

(A-F only;)
68319 001 FWK, 14:15-17:15 M, Room TBA, In Person Term Based; Annie Hansen-Burke ; 3 cr.

8841 Practicum: Instruction and Supervision in School Psychology

(A-F or Audit; Prereq: Grad ed psy major with school psy subprog or instr consent)
47387 001 FWK, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, 11:15-14:15 M, Pillsbury Hall 121, In Person Term Based; Annie Hansen-Burke ; 3 cr.

8842 Internship: School Psychological Services

(S-N or Audit; Prereq: Grad ed psy major with school psy subprog, instr consent)
47388 001 FWK, Independent/Directed Study; Annie Hansen-Burke ; 1-10 cr.

8843 Internship - School Psychology

(S-N only; Prereq: instr consent)
48663 001 FWK, Independent/Directed Study; Annie Hansen-Burke ; 1 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
47468 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8993 Directed Study: Educational Psychology

(A-F or Audit; Prereq: instr consent)
47351 001 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.
47352 002 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.
47353 003 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.
47354 004 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.
48562 005 IND, In Person Term Based; 1-10 cr.

8994 Research Problems: Educational Psychology

(A-F or Audit; Prereq: instr consent)
47347 001 IND, In Person Term Based; 1-6 cr.
47348 002 IND, In Person Term Based; 1-6 cr.
47349 003 IND, In Person Term Based; 1-6 cr.
47350 004 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
48563 005 IND, In Person Term Based; 1-6 cr.

Educational/Human Development (EDHD)**1620 Current Topics: Strategies for Student Success**

(Student Option;)
68096 001 LEC, 12:20-14:15 Th, Blegen Hall 330, In Person Term Based; Kirsten Collins, Monica Correale ; 1-4 cr.
68097 002 LEC, 12:20-14:15 M, Appleby Hall 204, In Person Term Based; Kirsten Collins, Jonathan Andicochea ; 1-4 cr.
68107 003 LEC, 14:30-16:25 Th, Folwell Hall 32, In Person Term Based; Kirsten Collins, Jonathan Andicochea ; 1-4 cr.
68108 004 LEC, 14:30-16:25 Th, Elliott Hall N647, In Person Term Based; Kirsten Collins, Amber Ortiz ; 1-4 cr.
68109 005 LEC, 9:05-11:00 F, Appleby Hall 223, In Person Term Based; Kirsten Collins, Amber Ortiz ; 1-4 cr.

1909W Galileo on Trial in Italy

(A-F only; GP,WJ)
67684 001 LEC, 14:30-17:00 M, Smith Hall 111, In Person Term Based; Laura Coffin Koch ; 3 cr.

2201H Basics of Research Methods for Honors Students

(Student Option;)
68038 001 LEC, 10:10-12:05 MW, Cooke Hall 214, In Person Term Based; Ethan Brown ; 2 cr.

2701 Your Future: Identity, Culture & Career Success

(Student Option No Audit;)
68073 001 LEC, 10:10-12:05 F, Bruininks Hall 119, In Person Term Based; Jeannie Stumne ; 2 cr.

3161 Great Minds of the Renaissance

(A-F only; GP,HIS)
69957 001 DIS, 9:00-12:00 Sa, Folwell Hall 31, 9:00-12:00 Sa, Folwell Hall 31, 9:00-12:00 Sa, Folwell Hall 31, In Person Term Based; Laura Coffin Koch ; 4 cr.

3300 Special Topics in Education and Human Development

(Student Option;)
70300 001 LEC, 16:40-19:15 MW, Bruininks Hal 121, In Person Term Based; William Woodson ; 1-6 cr.

Electrical & Computer Eng (EE)**1001 Introduction to Electrical and Computer Engineering**

(S-N or Audit;)
55401 001 LEC, 16:00-17:45 T, Molecular Cellular Biol 2-120, In Person Term Based; Paul Imbertson ; 1 cr.

1301 Introduction to Computing Systems

(Student Option; Prereq: concurrent registration is required (or allowed) in MATH 1271 or concurrent registration is required (or allowed) in MATH 1371)
55554 001 LEC, 14:30-15:45 TTh, Mechanical Engineering 18, In Person Term Based; John Sartori ; 4 cr.
55555 002 LAB, 14:30-17:30 M, Keller Hall 1-200, In Person Term Based; John Sartori ; 4 cr.
55839 005 LAB, 14:30-17:30 W, Keller Hall 1-200, In Person Term Based; John Sartori ; 4 cr.
57794 003 LAB, 17:45-20:45 M, Keller Hall 1-200, In Person Term Based; John Sartori ; 4 cr.
57795 008 LAB, 13:25-16:25 F, Keller Hall 1-200, In Person Term Based; John Sartori ; 4 cr.

2001 Introduction to Circuits and Electronics

(Student Option; Prereq: concurrent registration is required (or allowed) in PHYS 1302, concurrent registration is required (or allowed) in (MATH 2243 or MATH 2373 or MATH 2573))
55336 001 LEC, 9:05- 9:55 MWF, Rapson Hall 43, In Person Term Based; Jeong-Hyun Cho ; 3 cr.
55337 003 DIS, 15:35-16:25 W, Bruininks Hall 123, In Person Term Based; 3 cr.
55338 005 DIS, 13:25-14:15 Th, Akerman Hall 327, In Person Term Based; 3 cr.

2002 Introductory Circuits and Electronics Laboratory

(Student Option; Prereq: 2001 or concurrent registration is required (or allowed) in 2001)
55398 002 LAB, 13:25-15:20 M, Keller Hall 3-136, In Person Term Based; Jeong-Hyun Cho ; 1 cr.
55399 003 LAB, 15:35-17:30 M, Keller Hall 3-136, In Person Term Based; Jeong-Hyun Cho ; 1 cr.
55400 005 LAB, 10:10-12:05 T, Keller Hall 3-136, In Person Term Based; Jeong-Hyun Cho ; 3 cr.
55838 006 LAB, 13:25-15:20 T, Keller Hall 3-136, In Person Term Based; Jeong-Hyun Cho ; 1 cr.

2011 Linear Systems, Circuits, and Electronics

(Student Option; Prereq: 2001)
55339 001 LEC, 12:20-13:10 MWF, Bruininks Hall 220, In Person Term Based; William Robbins ; 3 cr.
55340 002 DIS, 11:15-12:05 M, Keller Hall 3-170, In Person Term Based; 3 cr.
55341 003 DIS, 13:25-14:15 M, Keller Hall 3-170, In Person Term Based; 3 cr.
55342 005 DIS, 12:20-13:10 T, Keller Hall 3-170, In Person Term Based; 3 cr.
55343 006 DIS, 14:30-15:20 T, Keller Hall 3-170, In Person Term Based; 3 cr.
57636 004 DIS, 15:35-16:25 M, Keller Hall 3-170, In Person Term Based; 3 cr.

2301 Introduction to Digital System Design

(Student Option; Prereq: MATH 1272 or MATH 1372 or MATH 1572)
 55212 001 LEC, 9:45-11:00 TTh, Keller Hall 3-125, In Person Term Based; Vladimir Cherkassky ; 4 cr.
 55213 014 LAB, 11:15-13:10 W, Keller Hall 2-178, In Person Term Based; Vladimir Cherkassky ; 4 cr.
 55214 015 LAB, 13:25-15:20 W, Keller Hall 2-178, In Person Term Based; Vladimir Cherkassky ; 4 cr.
 55215 017 LAB, 11:15-13:10 Th, Keller Hall 2-178, In Person Term Based; Vladimir Cherkassky ; 4 cr.
 55837 016 LAB, 15:35-17:30 Th, Keller Hall 2-178, In Person Term Based; Vladimir Cherkassky ; 4 cr.
 56950 002 DIS, 11:15-12:05 T, Keller Hall 4-138, In Person Term Based; 4 cr.
 56957 005 DIS, 13:25-14:15 T, Keller Hall 4-138, In Person Term Based; 4 cr.

2361 Introduction to Microcontrollers

(Student Option; Prereq: 2301, [1301 or CSCI 1113 or CSCI 1901])
 55233 001 LEC, 9:45-11:00 TTh, Fraser Hall 102, In Person Term Based; Kia Bazargan, Sachin Sapatnekar ; 4 cr.
 55534 021 LAB, 11:15-13:10 T, Keller Hall 2-182, In Person Term Based; Kia Bazargan, Sachin Sapatnekar ; 4 cr.
 55535 018 LAB, 10:10-12:05 M, Keller Hall 2-182, In Person Term Based; Kia Bazargan, Sachin Sapatnekar ; 4 cr.
 55536 019 LAB, 14:30-16:25 M, Keller Hall 2-182, In Person Term Based; Kia Bazargan, Sachin Sapatnekar ; 4 cr.
 55741 022 LAB, 13:25-15:20 T, Keller Hall 2-182, In Person Term Based; Kia Bazargan, Sachin Sapatnekar ; 4 cr.
 55835 020 LAB, 16:40-18:35 M, Keller Hall 2-182, In Person Term Based; Kia Bazargan, Sachin Sapatnekar ; 4 cr.
 55836 023 LAB, 15:35-17:30 T, Keller Hall 2-182, In Person Term Based; Kia Bazargan, Sachin Sapatnekar ; 4 cr.
 55991 025 LAB, 10:10-12:05 W, Keller Hall 2-182, In Person Term Based; Kia Bazargan, Sachin Sapatnekar ; 4 cr.
 56951 002 DIS, 11:15-12:05 Th, Keller Hall 4-138, In Person Term Based; 4 cr.
 56952 003 DIS, 12:20-13:10 Th, Keller Hall 4-138, In Person Term Based; 4 cr.
 56953 004 DIS, 13:25-14:15 Th, Keller Hall 4-138, In Person Term Based; 4 cr.
 56954 005 DIS, 14:30-15:20 Th, Keller Hall 4-138, In Person Term Based; 4 cr.
 57637 006 DIS, 11:15-12:05 F, Keller Hall 4-138, In Person Term Based; 4 cr.
 57638 026 LAB, 14:30-16:25 W, Keller Hall 2-182, In Person Term Based; Kia Bazargan, Sachin Sapatnekar ; 4 cr.
 57639 027 LAB, 16:40-18:35 W, Keller Hall 2-182, In Person Term Based; Kia Bazargan, Sachin Sapatnekar ; 4 cr.

3005 Fundamentals of Electrical Engineering

(Student Option; Prereq: Math 2243, Phys 1302; not for EE majors)
 55220 001 LEC, 9:05- 9:55 MTWF, Tate Hall 101, In Person Term Based; David Orser ; 4 cr.

3006 Fundamentals of Electrical Engineering Laboratory

(Student Option; Prereq: Concurrent enrollment in 3005 is allowed but not required)
 55221 004 LAB, 8:00- 9:55 Th, Keller Hall 3-136, In Person Term Based; David Orser ; 1 cr.
 55222 005 LAB, 10:10-12:05 Th, Keller Hall 3-136, In Person Term Based; David Orser ; 1 cr.
 55223 006 LAB, 13:25-15:20 Th, Keller Hall 3-136, In Person Term Based; David Orser ; 1 cr.
 55224 007 LAB, 15:35-17:30 Th, Keller Hall 3-136, In Person Term Based; David Orser ; 1 cr.
 55225 008 LAB, 10:10-12:05 F, Keller Hall 3-136, In Person Term Based; David Orser ; 1 cr.
 55834 002 LAB, 13:25-15:20 W, Keller Hall 3-136, In Person Term Based; David Orser ; 1 cr.
 56750 011 LAB, 15:35-17:30 T, Keller Hall 3-136, In Person Term Based; David Orser ; 1 cr.
 57528 010 LAB, 14:30-16:25 F, Keller Hall 3-136, In Person Term Based; David Orser ; 1 cr.

3015 Signals and Systems

(Student Option; Prereq: [2011, CSE Upper Division] or dept consent)
 55344 001 LEC, 10:10-11:00 MWF, Keller Hall 3-125, In Person Term Based; Mehmet Akcakaya ; 3 cr.
 55345 002 DIS, 12:20-13:10 W, Keller Hall 3-170, In Person Term Based; 3 cr.
 55346 003 DIS, 13:25-14:15 W, Keller Hall 3-170, In Person Term Based; 3 cr.

3025 Statistical Methods in Electrical and Computer Engineering

(Student Option; Prereq: [3015, CSE upper division] or instr approval)
 55216 001 LEC, 9:45-11:00 TTh, Murphy Hall 130, In Person Term Based; Martina Cardone ; 3 cr.

55217 002 DIS, 12:20-13:10 M, Keller Hall 3-170, In Person Term Based; 3 cr.
 55218 004 DIS, 11:15-12:05 T, Keller Hall 3-170, In Person Term Based; 3 cr.
 55219 005 DIS, 11:15-12:05 Th, Keller Hall 3-170, In Person Term Based; 3 cr.
 57135 006 DIS, 13:25-14:15 T, Keller Hall 3-170, In Person Term Based; 3 cr.
 67953 007 DIS, 11:15-12:05 W, Keller Hall 3-170, In Person Term Based; 3 cr.

3041 Industrial Assignment I

(A-F only; Prereq: [EE or CompE upper div], enrolled in ECE co-op program)
 56751 001 FWK, 00:00-00:00 , Independent/Directed Study; Ted Higman ; 2 cr.

3101 Circuits and Electronics Laboratory I

(Student Option; Prereq: [2002, [3115 or concurrent registration is required (or allowed) in 3115], CSE] or dept consent)
 55350 001 LAB, 11:15-14:15 M, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.
 55351 005 LAB, 11:15-14:15 T, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.
 55585 006 LAB, 14:30-17:30 T, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.
 57529 003 LAB, 16:40-19:40 M, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.
 57797 007 LAB, 17:45-20:45 T, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.

3102 Circuits and Electronics Laboratory II

(Student Option; Prereq: [3101 or CSE or dept consent], attendance first day of class.)
 55352 004 LAB, 17:45-20:45 W, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.
 55354 006 LAB, 11:15-14:15 Th, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.
 55355 007 LAB, 14:30-17:30 Th, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.
 55356 008 LAB, 17:45-20:45 Th, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.
 55753 002 LAB, 11:15-14:15 W, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.
 55754 003 LAB, 14:30-17:30 W, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.
 56423 009 LAB, 17:45-20:45 Th, Keller Hall 3-136, In Person Term Based; Ted Higman ; 2 cr.
 57384 001 DIS, 15:35-16:25 T, Mayo Bldg & Additions C231, In Person Term Based; Ted Higman ; 2 cr.
 57798 010 LAB, 11:15-14:15 F, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.

3115 Analog Electronics

(Student Option; Prereq: [3015 or concurrent registration is required (or allowed) in 3015, CSE upper division] or dept consent)
 55357 001 LEC, 15:35-16:25 MWF, Smith Hall 231, In Person Term Based; Stephen Campbell ; 3 cr.
 55358 003 DIS, 12:20-13:10 Th, Keller Hall 3-170, In Person Term Based; 3 cr.
 55607 005 DIS, 12:20-13:10 F, Keller Hall 3-170, In Person Term Based; 3 cr.
 57330 004 DIS, 11:15-12:05 F, Keller Hall 3-170, In Person Term Based; 3 cr.

3161 Semiconductor Devices

(Student Option; Prereq: Upper div CSE, 2011, Phys 1302, Phys 2303 or Chem 1022)
 55389 001 LEC, 8:15- 9:30 TTh, Smith Hall 231, In Person Term Based; Tony Low ; 3 cr.
 55390 002 DIS, 13:25-14:15 T, Akerman Hall 215, In Person Term Based; 3 cr.
 55391 003 DIS, 14:30-15:20 T, Bruininks Hall 119, In Person Term Based; 3 cr.
 55854 005 DIS, 14:30-15:20 W, Bruininks Hal 121, In Person Term Based; 3 cr.

3601 Transmission Lines, Fields, and Waves

(Student Option; Prereq: [2011, [Math 2243 or Math 2373 or Math 2573], [Phys 1302 or Phys 1402], CSE] or dept consent)
 55347 001 LEC, 9:05- 9:55 MWF, Fraser Hall 101, In Person Term Based; Joseph Talghader ; 3 cr.
 55348 004 DIS, 14:30-15:20 M, Bruininks Hal 121, In Person Term Based; 3 cr.
 55349 005 DIS, 11:15-12:05 T, Bruininks Hal 121, In Person Term Based; 3 cr.

3990 Curricular Practical Training

(S-N only; Prereq: instr consent, undergrad EE or CompE major)
 56580 001 FWK, 00:00-00:00 , Independent/Directed Study; James Leger ; 1-2 cr.

4044 Industrial Assignment III

(A-F only; Prereq: 4043W)
 56752 001 FWK, 00:00-00:00 , Independent/Directed Study; Ted Higman ; 2 cr.

4111 Advanced Analog Electronics Design

(Student Option; Prereq: 3015, 3115)
 55359 001 LEC, 14:30-15:20 MWF, Smith Hall 331, In Person Term Based; Ted Higman ; 4 cr.
 55831 002 LAB, 13:25-15:20 T, Keller Hall 2-120, In Person Term Based; Ted Higman ; 4 cr.
 56969 003 LAB, 15:35-17:30 M, Keller Hall 2-120, In Person Term Based; Ted Higman ; 4 cr.

4161W Energy Conversion and Storage

(Student Option; Prereq: 3161 or instr consentWI)
 56968 001 LEC, 11:15-12:30 TTh, Bruininks Hall 330, In Person Term Based; Philip Cohen ; 3 cr.

4163 Energy Conversion and Storage Laboratory

(Student Option; Prereq: concurrent registration is required (or allowed) in 4161W)
 57082 001 LAB, 8:00-11:00 T, Keller Hall 2-140, In Person Term Based; Philip Cohen ; 1 cr.
 57083 002 LAB, 8:00-11:00 Th, Keller Hall 2-140, In Person Term Based; Philip Cohen ; 1 cr.
 57799 004 LAB, 8:00-11:00 M, Keller Hall 2-140, In Person Term Based; Philip Cohen ; 1 cr.

4233 State Space Control System Design

(Student Option; Prereq: [3015, upper div CSE] or instr consent)
 55367 001 LEC, 16:00-17:15 TTh, Smith Hall 231, In Person Term Based; Andrew Lamperski ; 3 cr.

4237 State Space Control Laboratory

(Student Option; Prereq: 4233 or concurrent registration is required (or allowed) in 4233; no cr for [EE or CompE] grad students)
 56916 002 LAB, 8:00- 9:55 T, Keller Hall 2-188, In Person Term Based; Andrew Lamperski ; 1 cr.
 56917 004 LAB, 12:20-14:15 F, Keller Hall 2-188, In Person Term Based; Andrew Lamperski ; 1 cr.
 57290 003 LAB, 12:20-14:15 W, Keller Hall 2-188, In Person Term Based; Andrew Lamperski ; 1 cr.

4341 Embedded System Design

(Student Option; Prereq: 2301, 2361, upper div CSE)
 55380 001 LEC, 11:15-12:05 MWF, Keller Hall 3-230, In Person Term Based; Thomas Posbergh ; 4 cr.
 55381 003 LAB, 14:30-16:25 M, Keller Hall 2-172, In Person Term Based; Thomas Posbergh ; 4 cr.
 55382 005 LAB, 10:10-12:05 T, Keller Hall 2-172, In Person Term Based; Thomas Posbergh ; 4 cr.
 55383 006 LAB, 12:20-14:15 T, Keller Hall 2-172, In Person Term Based; Thomas Posbergh ; 4 cr.
 55830 007 LAB, 12:20-14:15 W, Keller Hall 2-172, In Person Term Based; Thomas Posbergh ; 4 cr.
 57800 002 LAB, 8:00- 9:55 M, Keller Hall 2-172, In Person Term Based; Thomas Posbergh ; 4 cr.

4363 Computer Architecture and Machine Organization

(Student Option; Prereq: 2361)
 55890 001 LEC, 9:45-11:00 TTh, Keller Hall 3-230, In Person Term Based; Meets With: 001 CSCI 4203; Ulya Karpuzcu ; 4 cr.

4607 Wireless Hardware System Design

(Student Option; Prereq: [3015, 3115, 3601, CSE student] or dept consent)
 56847 001 LEC, 13:00-14:15 TTh, Akerman Hall 209, In Person Term Based; Yahya Tousi ; 3 cr.

4701 Electric Drives

(Student Option; Prereq: 3015)
 56848 001 LEC, 14:30-15:45 WF, Bruininks Hall 220, In Person Term Based; Paul Imbertson ; 3 cr.

4703 Electric Drives Laboratory

(Student Option; Prereq: 4701 or concurrent registration is required (or allowed) in 4701)
 56529 001 LAB, 10:10-12:05 M, Keller Hall 3-146, In Person Term Based; Ned Mohan ; 1 cr.
 56852 004 LAB, 16:00-18:00 W, Keller Hall 3-146, In Person Term Based; Ned Mohan ; 1 cr.
 56853 005 LAB, 10:10-12:05 Th, Keller Hall 3-146, In Person Term Based; Ned Mohan ; 1 cr.
 56854 007 LAB, 12:20-14:15 F, Keller Hall 3-146, In Person Term Based; Ned Mohan ; 1 cr.
 57385 006 LAB, 8:00- 9:55 F, Keller Hall 3-146, In Person Term Based; Ned Mohan ; 1 cr.

4951W Senior Design Project

(Student Option; Prereq: 3015, 3115, 3102, attendance first day of classW)
55395 001 LEC, 14:30-15:45 TTh, Keller Hall 3-210, In Person Term Based; Philip Cohen ; 4 cr.

4970 Directed Study

(Student Option; Prereq: Cr ar [may be repeated for cr]; dept consent)

55396 001 IND, 00:00-00:00 , , In Person Term Based; Massoud Amin ; 1-3 cr.
55994 002 IND, 00:00-00:00 , , In Person Term Based; Kia Bazargan ; 1-3 cr.
55995 003 IND, 00:00-00:00 , , In Person Term Based; Stephen Campbell ; 1-3 cr.
55996 004 IND, 00:00-00:00 , , In Person Term Based; Vladimir Cherkassky ; 1-3 cr.
55998 006 IND, 00:00-00:00 , , In Person Term Based; Philip Cohen ; 1-3 cr.
55999 007 IND, 00:00-00:00 , , In Person Term Based; Rhonda Franklin ; 1-3 cr.
56000 008 IND, 00:00-00:00 , , In Person Term Based; Emad Ebbini ; 1-3 cr.
56001 009 IND, 00:00-00:00 , , In Person Term Based; Douglas Ernie ; 1-3 cr.
56004 012 IND, 00:00-00:00 , , In Person Term Based; Georgios Giannakis ; 1-3 cr.
56005 013 IND, 00:00-00:00 , , In Person Term Based; Anand Gopinath ; 1-3 cr.
56006 014 IND, 00:00-00:00 , , In Person Term Based; Ramesh Harjani ; 1-3 cr.
56007 015 IND, 00:00-00:00 , , In Person Term Based; Bin He ; 1-3 cr.
56008 016 IND, 00:00-00:00 , , In Person Term Based; Ted Higman ; 1-3 cr.
56010 018 IND, 00:00-00:00 , , In Person Term Based; Allison Hubel ; 1-3 cr.
56011 019 IND, 00:00-00:00 , , In Person Term Based; Paul Imbertson ; 1-3 cr.
56015 023 IND, 00:00-00:00 , , In Person Term Based; Mihailo Jovanovic ; 1-3 cr.
56016 024 IND, 00:00-00:00 , , In Person Term Based; Mostafa Kaveh ; 1-3 cr.
56020 028 IND, 00:00-00:00 , , In Person Term Based; Chris H. Kim ; 1-3 cr.
56021 029 IND, 00:00-00:00 , , In Person Term Based; Larry Kinney ; 1-3 cr.
56023 031 IND, 00:00-00:00 , , In Person Term Based; James Leger ; 1-3 cr.
56024 032 IND, 00:00-00:00 , , In Person Term Based; David Lilja ; 1-3 cr.
56025 033 IND, 00:00-00:00 , , In Person Term Based; Zhi-Quan Luo ; 1-3 cr.
56026 034 IND, 00:00-00:00 , , In Person Term Based; Ned Mohan ; 1-3 cr.
56029 037 IND, 00:00-00:00 , , In Person Term Based; Sang-Hyun Oh ; 1-3 cr.
56031 039 IND, 00:00-00:00 , , In Person Term Based; Keshab Parhi ; 1-3 cr.
56034 042 IND, 00:00-00:00 , , In Person Term Based; Thomas Posbergh ; 1-3 cr.
56035 043 IND, 00:00-00:00 , , In Person Term Based; Marc Riedel ; 1-3 cr.
56036 044 IND, 00:00-00:00 , , In Person Term Based; William Robbins ; 1-3 cr.
56038 046 IND, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis ; 1-3 cr.
56040 048 IND, 00:00-00:00 , , In Person Term Based; P Ruden ; 1-3 cr.
56041 049 IND, 00:00-00:00 , , In Person Term Based; Sachin Sapatnekar ; 1-3 cr.
56042 050 IND, 00:00-00:00 , , In Person Term Based; murti salapaka ; 1-3 cr.
56044 052 IND, 00:00-00:00 , , In Person Term Based; Gerald Sobelman ; 1-3 cr.
56045 053 IND, 00:00-00:00 , , In Person Term Based; Bethanie Stadler ; 1-3 cr.
56513 054 IND, 00:00-00:00 , , In Person Term Based; Joseph Talghader ; 1-3 cr.
56548 057 IND, 00:00-00:00 , , In Person Term Based; Randall Victoria ; 1-3 cr.
56549 058 IND, 00:00-00:00 , , In Person Term Based; Jianping Wang ; 1-3 cr.
56550 059 IND, 00:00-00:00 , , In Person Term Based; Bruce Wollenberg ; 1-3 cr.

4982V Senior Honors Project II

(Student Option; Prereq: 4981W)
55397 001 IND, 14:30-15:45 TTh, Akerman Hall 211, In Person Term Based; Douglas Ernie ; 2 cr.

5041 Industrial Assignment for Graduate Students

(S-N only; Prereq: Consent of Advisor and Office of the DGS)

57433 001 FWK, 00:00-00:00 , , In Person Term Based; murti salapaka ; 1 cr.

5164 Semiconductor Properties and Devices II

(Student Option; Prereq: 5163 or instr consent)
55360 001 LEC, 16:00-17:15 TTh, Keller Hall 3-125, In Person Term Based; Sarah Swisher ; 3 cr.
55957 883 LEC, 16:00-17:15 TTh, ONLINE, Completely Online; Sarah Swisher ; 3 cr.

5235 Robust Control System Design

(Student Option; Prereq: CSE grad, 3015, 5231 or instr consent)
55752 001 LEC, 8:15-9:30 MW, Keller Hall 3-125, In Person Term Based; Meets With: 001 AEM 8421; Dale Enns ; 3 cr.
55971 883 LEC, 8:15-9:30 MW, ONLINE, Completely Online; 3 cr.

5302 VLSI Design Automation II

(Student Option; Prereq: [5301, CSE grad student] or dept consent)
67959 001 LEC, 9:45-11:00 TTh, Mechanical Engineering 102, In Person Term Based; Kia Bazargan, Sachin Sapatnekar ; 3 cr.
68152 883 LEC, 9:45-11:00 TTh, ONLINE, Completely Online; Kia Bazargan, Sachin Sapatnekar ; 3 cr.

5324 VLSI Design II

(Student Option; Prereq: [5323, CSE grad student] or dept consent)
55234 001 LEC, 13:00-14:15 TTh, Keller Hall 3-115, In Person Term Based; Chris H. Kim ; 3 cr.
55961 883 LEC, 13:00-14:15 TTh, ONLINE, Completely Online; Chris H. Kim ; 3 cr.

5327 VLSI Design Laboratory

(Student Option; Prereq: [4301, [5323 or concurrent registration is required (or allowed) in 5323], CSE grad student] or dept consent)
55742 001 LEC, 15:35-17:30 T, Keller Hall 3-230, In Person Term Based; Gerald Sobelman ; 3 cr.
55743 002 LAB, 15:35-17:30 Th, Keller Hall 2-120, In Person Term Based; Gerald Sobelman ; 3 cr.
55770 003 LAB, 15:35-17:30 F, Keller Hall 2-120, In Person Term Based; Gerald Sobelman ; 3 cr.
57541 004 LAB, 13:25-15:20 F, Keller Hall 2-120, In Person Term Based; Gerald Sobelman ; 3 cr.

5371 Computer Systems Performance

Measurement and Evaluation
(Student Option; Prereq: [4363 or 5361 or CSci 4203 or 5201], [CSE grad student] or dept consent)
67960 001 LEC, 13:00-14:15 MW, Mechanical Engineering 102, In Person Term Based; David Lilja ; 3 cr.
68153 883 LEC, 13:00-14:15 MW, ONLINE, Completely Online; David Lilja ; 3 cr.

5393 Circuits, Computation, and Biology

(Student Option; Prereq: MATH 2263 or dept consent)
57179 001 LEC, 9:45-11:00 MW, Keller Hall 3-210, In Person Term Based; Marc Riedel ; 3 cr.
57183 883 LEC, 9:45-11:00 MW, ONLINE, Primarily Online; Marc Riedel ; 3 cr.

5505 Wireless Communication

(Student Option; Prereq: [4501, CSE grad student] or dept consent; 5501 recommended)
57625 001 LEC, 9:45-11:00 MW, Keller Hall 3-115, In Person Term Based; Soheil Mohajer ; 3 cr.
57634 883 LEC, 9:45-11:00 MW, ONLINE, Completely Online; Soheil Mohajer ; 3 cr.

5542 Adaptive Digital Signal Processing

(Student Option; Prereq: [4541, 5531, CSE grad student] or dept consent)
67961 001 LEC, 9:45-11:00 TTh, Keller Hall 3-111, In Person Term Based; Keshab Parhi ; 3 cr.
68751 883 LEC, 9:45-11:00 TTh, ONLINE, Completely Online; Keshab Parhi ; 3 cr.

5545 Digital Signal Processing Design

(Student Option; Prereq: [4541, CSE grad student] or dept consent)
57389 001 LEC, 14:30-16:25 M, Keller Hall 3-115, In Person Term Based; Emad Ebbini ; 3 cr.
57390 002 LAB, 15:35-17:30 T, Keller Hall 2-170, In Person Term Based; Emad Ebbini ; 3 cr.
57391 003 LAB, 15:35-17:30 W, Keller Hall 2-170, In Person Term Based; Emad Ebbini ; 3 cr.
69190 883 LEC, 14:30-16:25 M, ONLINE, Completely Online; Emad Ebbini ; 3 cr.

5601 Introduction to RF/Microwave Engineering

(Student Option; Prereq: [3601, CSE grad student] or dept consent)

55829 001 LEC, 14:30-15:45 TTh, Keller Hall 3-125, In Person Term Based; Rhonda Franklin ; 2 cr.
55953 883 LEC, 14:30-15:45 TTh, ONLINE, Completely Online; Rhonda Franklin ; 3 cr.

5613 RF/Microwave Circuit Design

Laboratory
(A-F only; Prereq: [[5601 or concurrent registration is required (or allowed) in 5601], CSE grad student] or dept consent)

55556 001 LEC, 13:25-14:15 W, Bruininks Hall 117, In Person Term Based; Rhonda Franklin ; 2 cr.
55557 002 LAB, 00:00-00:00 , , In Person Term Based; Rhonda Franklin ; 2 cr.

5621 Physical Optics

(Student Option; Prereq: [3015, CSE grad student] or dept consent)
55537 001 LEC, 13:00-14:15 TTh, Mechanical Engineering 102, In Person Term Based; James Leger ; 3 cr.
56400 883 LEC, 13:00-14:15 TTh, ONLINE, Completely Online; James Leger ; 3 cr.

5622 Physical Optics Laboratory

(Student Option; Prereq: [[5621 or concurrent registration is required (or allowed) in 5621], CSE grad student] or dept consent)
55538 001 LAB, 14:30-16:25 M, Keller Hall 2-158, In Person Term Based; James Leger ; 1 cr.

5705 Electric Drives in Sustainable Energy Systems

(Student Option; Prereq: [4701, CSE grad student] or dept consent)
57628 001 LEC, 14:30-15:45 MW, Keller Hall 3-125, In Person Term Based; Ned Mohan ; 3 cr.
68774 883 LEC, 14:30-15:45 MW, ONLINE, Completely Online; Ned Mohan ; 3 cr.

5707 Electric Drives in Sustainable Energy Systems Laboratory

(Student Option; Prereq: 5705 or concurrent registration is required (or allowed) in 5705)
67962 001 LAB, 14:30-16:25 T, Keller Hall 4-138, In Person Term Based; Ned Mohan ; 1 cr.

5811 Biological Instrumentation

(Student Option;)
67963 001 LEC, 11:15-12:30 TTh, Keller Hall 2-260, In Person Term Based; Sang-Hyun Oh ; 3 cr.

5940 Special Topics in Electrical Engineering I

(Student Option;)
67964 001 LEC, 14:30-15:45 TTh, , In Person Term Based; Changhyun Choi ; 1-4 cr.

5990 Curricular Practical Training

(S-N or Audit; Prereq: Grad student, instr consent)
55805 001 FWK, 00:00-00:00 , , In Person Term Based; Massoud Amin ; 1-2 cr.
56320 002 FWK, 00:00-00:00 , , In Person Term Based; Kia Bazargan ; 1-2 cr.
56321 003 FWK, 00:00-00:00 , , In Person Term Based; Stephen Campbell ; 1-2 cr.
56322 004 FWK, 00:00-00:00 , , In Person Term Based; Vladimir Cherkassky ; 1-2 cr.
56323 005 FWK, 00:00-00:00 , , In Person Term Based; Jeong-Hyun Cho ; 1-2 cr.
56324 006 FWK, 00:00-00:00 , , In Person Term Based; Philip Cohen ; 1-2 cr.
56325 007 FWK, 00:00-00:00 , , In Person Term Based; Rhonda Franklin ; 1-2 cr.
56326 008 FWK, 00:00-00:00 , , In Person Term Based; Emad Ebbini ; 1-2 cr.
56327 009 FWK, 00:00-00:00 , , In Person Term Based; Douglas Ernie ; 1-2 cr.
56329 011 FWK, 00:00-00:00 , , In Person Term Based; Tryphon Georgiou ; 1-2 cr.
56330 012 FWK, 00:00-00:00 , , In Person Term Based; Georgios Giannakis ; 1-2 cr.
56331 013 FWK, 00:00-00:00 , , In Person Term Based; Anand Gopinath ; 1-2 cr.
56332 014 FWK, 00:00-00:00 , , In Person Term Based; Ramesh Harjani ; 1-2 cr.
56333 015 FWK, 00:00-00:00 , , In Person Term Based; Bin He ; 1-2 cr.
56334 016 FWK, 00:00-00:00 , , In Person Term Based; Ted Higman ; 1-2 cr.
56336 018 FWK, 00:00-00:00 , , In Person Term Based; Allison Hubel ; 1-2 cr.
56337 019 FWK, 00:00-00:00 , , In Person Term Based; Paul Imbertson ; 1-2 cr.

56339 021 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.
 56340 022 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.
 56341 023 FWK, 00:00-00:00 , , In Person Term Based; Mihailo Jovanovic ; 1-2 cr.
 56342 024 FWK, 00:00-00:00 , , In Person Term Based; Mostafa Kaveh ; 1-2 cr.
 56344 026 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.
 56346 028 FWK, 00:00-00:00 , , In Person Term Based; Chris H. Kim ; 1-2 cr.
 56347 029 FWK, 00:00-00:00 , , In Person Term Based; Andrew Lamperski ; 1-2 cr.
 56349 031 FWK, 00:00-00:00 , , In Person Term Based; James Leger ; 1-2 cr.
 56350 032 FWK, 00:00-00:00 , , In Person Term Based; David Lilja ; 1-2 cr.
 56351 033 FWK, 00:00-00:00 , , In Person Term Based; Zhi-Quan Luo ; 1-2 cr.
 56352 034 FWK, 00:00-00:00 , , In Person Term Based; Ned Mohan ; 1-2 cr.
 56355 037 FWK, 00:00-00:00 , , In Person Term Based; Sang-Hyun Oh ; 1-2 cr.
 56357 039 FWK, 00:00-00:00 , , In Person Term Based; Keshab Parhi ; 1-2 cr.
 56360 042 FWK, 00:00-00:00 , , In Person Term Based; Thomas Posbergh ; 1-2 cr.
 56361 043 FWK, 00:00-00:00 , , In Person Term Based; Marc Riedel ; 1-2 cr.
 56362 044 FWK, 00:00-00:00 , , In Person Term Based; William Robbins ; 1-2 cr.
 56363 045 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.
 56364 046 FWK, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis ; 1-2 cr.
 56365 047 FWK, 00:00-00:00 , , In Person Term Based; John Sartori ; 1-2 cr.
 56366 048 FWK, 00:00-00:00 , , In Person Term Based; P Ruden ; 1-2 cr.
 56367 049 FWK, 00:00-00:00 , , In Person Term Based; Sachin Sapatnekar ; 1-2 cr.
 56368 050 FWK, 00:00-00:00 , , In Person Term Based; murti salapaka ; 1-2 cr.
 56370 052 FWK, 00:00-00:00 , , In Person Term Based; Gerald Sobelman ; 1-2 cr.
 56371 053 FWK, 00:00-00:00 , , In Person Term Based; Bethanie Stadler ; 1-2 cr.
 56559 054 FWK, 00:00-00:00 , , In Person Term Based; Joseph Talghader ; 1-2 cr.
 56561 056 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.
 56562 057 FWK, 00:00-00:00 , , In Person Term Based; Randall Victoria ; 1-2 cr.
 56563 058 FWK, 00:00-00:00 , , In Person Term Based; Jianping Wang ; 1-2 cr.
 56564 059 FWK, 00:00-00:00 , , In Person Term Based; Bruce Wollenberg ; 1-2 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

56562 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8367 Parallel Computer Organization

(Student Option; Prereq: 5364 or CSCI 5204)

55959 883 LEC, 11:15-12:30 TTh, ONLINE, Completely Online; Pen-Chung Yew ; 3 cr.

57185 001 LEC, 11:15-12:30 TTh, Mechanical Engineering 108, In Person Term Based; Meets With: 001 CSCI 8205; Pen-Chung Yew ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

56568 001 IND, 00:00-00:00 , , In Person Term Based; ; 1 cr.

8581 Detection and Estimation Theory

(Student Option; Prereq: 5531 or instr consent)

56677 001 LEC, 11:15-12:30 TTh, Keller Hall 3-125, In Person Term Based; Georgios Giannakis ; 3 cr.

55954 883 LEC, 11:15-12:30 TTh, ONLINE, Completely Online; Georgios Giannakis ; 3 cr.

8660 Seminar: Magnetics

(S-N or Audit;)

55468 001 LEC, 14:30-15:20 F, Keller Hall 3-125, In Person Term Based; Jianping Wang ; 1 cr.

55956 883 LEC, 14:30-15:20 F, ONLINE, Completely Online; Jianping Wang ; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept

consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

56774 001 IND, 00:00-00:00 , , In Person Term Based; ; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

56994 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated;)

56714 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8940 Special Investigations

(Student Option; Prereq: 1-3 cr [may be repeated for cr]; IT grad student or instr consent)

55393 001 IND, 00:00-00:00 , , In Person Term Based; Ulya Karpuzcu ; 1-3 cr.

56725 002 IND, 00:00-00:00 , , In Person Term Based; Kia Bazargan ; 1-3 cr.

56726 003 IND, 00:00-00:00 , , In Person Term Based; Stephen Campbell ; 1-3 cr.

56727 004 IND, 00:00-00:00 , , In Person Term Based; Vladimir Cherkassky ; 1-3 cr.

56729 006 IND, 00:00-00:00 , , In Person Term Based; Philip Cohen ; 1-3 cr.

56730 007 IND, 00:00-00:00 , , In Person Term Based; Rhonda Franklin ; 1-3 cr.

56731 008 IND, 00:00-00:00 , , In Person Term Based; Emad Ebbini ; 1-3 cr.

56732 009 IND, 00:00-00:00 , , In Person Term Based; Douglas Ernie ; 1-3 cr.

56734 011 IND, 00:00-00:00 , , In Person Term Based; Tryphon Georgiou ; 1-3 cr.

56735 012 IND, 00:00-00:00 , , In Person Term Based; Georgios Giannakis ; 1-3 cr.

56736 013 IND, 00:00-00:00 , , In Person Term Based; Anand Gopinath ; 1-3 cr.

56737 014 IND, 00:00-00:00 , , In Person Term Based; Ramesh Harjani ; 1-3 cr.

56738 015 IND, 00:00-00:00 , , In Person Term Based; Bin He ; 1-3 cr.

56739 016 IND, 00:00-00:00 , , In Person Term Based; Ted Higman ; 1-3 cr.

56742 019 IND, 00:00-00:00 , , In Person Term Based; Paul Imbertson ; 1-3 cr.

56743 018 IND, 00:00-00:00 , , In Person Term Based; Allison Hubel ; 1-3 cr.

56744 021 IND, 00:00-00:00 , , In Person Term Based; Heinrich Jacobs ; 1-3 cr.

56745 037 IND, 00:00-00:00 , , In Person Term Based; Sang-Hyun Oh ; 1-3 cr.

56755 023 IND, 00:00-00:00 , , In Person Term Based; Mihailo Jovanovic ; 1-3 cr.

56756 024 IND, 00:00-00:00 , , In Person Term Based; Mostafa Kaveh ; 1-3 cr.

56760 028 IND, 00:00-00:00 , , In Person Term Based; Chris H. Kim ; 1-3 cr.

56761 029 IND, 00:00-00:00 , , In Person Term Based; Larry Kinney ; 1-3 cr.

56763 031 IND, 00:00-00:00 , , In Person Term Based; James Leger ; 1-3 cr.

56764 032 IND, 00:00-00:00 , , In Person Term Based; David Lilja ; 1-3 cr.

56765 033 IND, 00:00-00:00 , , In Person Term Based; Zhi-Quan Luo ; 1-3 cr.

56766 034 IND, 00:00-00:00 , , In Person Term Based; Ned Mohan ; 1-3 cr.

56770 039 IND, 00:00-00:00 , , In Person Term Based; Keshab Parhi ; 1-3 cr.

56773 042 IND, 00:00-00:00 , , In Person Term Based; Thomas Posbergh ; 1-3 cr.

56774 043 IND, 00:00-00:00 , , In Person Term Based; Marc Riedel ; 1-3 cr.

56775 044 IND, 00:00-00:00 , , In Person Term Based; William Robbins ; 1-3 cr.

56776 045 IND, 00:00-00:00 , , In Person Term Based; Charles Rennolet ; 1-3 cr.

56777 046 IND, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis ; 1-3 cr.

56779 048 IND, 00:00-00:00 , , In Person Term Based; P Ruden ; 1-3 cr.

56780 049 IND, 00:00-00:00 , , In Person Term Based; Sachin Sapatnekar ; 1-3 cr.

56781 050 IND, 00:00-00:00 , , In Person Term Based; murti salapaka ; 1-3 cr.

56782 051 IND, 00:00-00:00 , , In Person Term Based; John Sartori ; 1-3 cr.

56783 052 IND, 00:00-00:00 , , In Person Term Based; Gerald Sobelman ; 1-3 cr.

56784 053 IND, 00:00-00:00 , , In Person Term Based; Bethanie Stadler ; 1-3 cr.

56785 054 IND, 00:00-00:00 , , In Person Term Based; Joseph Talghader ; 1-3 cr.

56788 057 IND, 00:00-00:00 , , In Person Term Based; Randall Victoria ; 1-3 cr.

56790 058 IND, 00:00-00:00 , , In Person Term Based; Jianping Wang ; 1-3 cr.

56791 059 IND, 00:00-00:00 , , In Person Term Based; Bruce Wollenberg ; 1-3 cr.

8950 Advanced Topics in Electrical and**Computer Engineering**

(Student Option; Prereq: Cr ar [may be repeated for cr]; instr consent)

57331 001 LEC, 8:15- 9:30 TTh, Akerman Hall 313, In Person Term Based; Steven Koester ; 1-3 cr.

8965 Plan C Project I

(Student Option; Prereq: Grad EE major)

56585 001 IND, 00:00-00:00 , , Independent/Directed Study; ; 3 cr.

56586 002 IND, 00:00-00:00 , , Independent/Directed Study; Kia Bazargan ; 3 cr.

56587 003 IND, 00:00-00:00 , , Independent/Directed Study; Stephen Campbell ; 3 cr.

56588 004 IND, 00:00-00:00 , , Independent/Directed Study; Vladimir Cherkassky ; 3 cr.

56589 005 IND, 00:00-00:00 , , Independent/Directed Study; 3 cr.

56590 006 IND, 00:00-00:00 , , Independent/Directed Study; Philip Cohen ; 3 cr.

56591 007 IND, 00:00-00:00 , , Independent/Directed Study; Rhonda Franklin ; 3 cr.

56592 008 IND, 00:00-00:00 , , Independent/Directed Study; Emad Ebbini ; 3 cr.

56593 009 IND, 00:00-00:00 , , Independent/Directed Study; Douglas Ernie ; 3 cr.

56595 011 IND, 00:00-00:00 , , Independent/Directed Study; Tryphon Georgiou ; 3 cr.

56596 012 IND, 00:00-00:00 , , Independent/Directed Study; Georgios Giannakis ; 3 cr.

56597 013 IND, 00:00-00:00 , , Independent/Directed Study; Anand Gopinath ; 3 cr.

56598 014 IND, 00:00-00:00 , , Independent/Directed Study; Ramesh Harjani ; 3 cr.

56599 015 IND, 00:00-00:00 , , Independent/Directed Study; Bin He ; 3 cr.

56600 016 IND, 00:00-00:00 , , Independent/Directed Study; Ted Higman ; 3 cr.

56602 018 IND, 00:00-00:00 , , Independent/Directed Study; Allison Hubel ; 3 cr.

56603 019 IND, 00:00-00:00 , , Independent/Directed Study; Paul Imbertson ; 3 cr.

56605 021 IND, 00:00-00:00 , , Independent/Directed Study; Heinrich Jacobs ; 3 cr.

56607 023 IND, 00:00-00:00 , , Independent/Directed Study; Mihailo Jovanovic ; 3 cr.

56608 024 IND, 00:00-00:00 , , Independent/Directed Study; Mostafa Kaveh ; 3 cr.

56612 028 IND, 00:00-00:00 , , Independent/Directed Study; Chris H. Kim ; 3 cr.

56613 029 IND, 00:00-00:00 , , Independent/Directed Study; Larry Kinney ; 3 cr.

56615 031 IND, 00:00-00:00 , , Independent/Directed Study; James Leger ; 3 cr.

56616 032 IND, 00:00-00:00 , , Independent/Directed Study; David Lilja ; 3 cr.

56617 033 IND, 00:00-00:00 , , Independent/Directed Study; Zhi-Quan Luo ; 3 cr.

56618 034 IND, 00:00-00:00 , , Independent/Directed Study; Ned Mohan ; 3 cr.

56621 037 IND, 00:00-00:00 , , Independent/Directed Study; Sang-Hyun Oh ; 3 cr.

56623 039 IND, 00:00-00:00 , , Independent/Directed Study; Keshab Parhi ; 3 cr.

56626 042 IND, 00:00-00:00 , , Independent/Directed Study; Thomas Posbergh ; 3 cr.

56627 043 IND, 00:00-00:00 , , Independent/Directed Study; Marc Riedel ; 3 cr.

56628 044 IND, 00:00-00:00 , , Independent/Directed Study; William Robbins ; 3 cr.

56629 045 IND, 00:00-00:00 , , Independent/Directed Study; Charles Rennolet ; 3 cr.

56630 046 IND, 00:00-00:00 , , Independent/Directed Study; Stergios Roumeliotis ; 3 cr.

56632 048 IND, 00:00-00:00 , , Independent/Directed Study; P Ruden ; 3 cr.

56633 049 IND, 00:00-00:00 , , Independent/Directed Study; Sachin Sapatnekar ; 3 cr.

56634 050 IND, 00:00-00:00 , , Independent/Directed Study; murti salapaka ; 3 cr.

56636 052 IND, 00:00-00:00 , , Independent/Directed Study; Gerald Sobelman ; 3 cr.

56637 053 IND, 00:00-00:00 , , Independent/Directed Study; Bethanie Stadler ; 3 cr.

56638 054 IND, 00:00-00:00 , , Independent/Directed Study; Joseph Talghader ; 3 cr.

56641 057 IND, 00:00-00:00 , , Independent/Directed Study;
Randall Victoria ; 3 cr.
56642 058 IND, 00:00-00:00 , , Independent/Directed Study;
Jianping Wang ; 3 cr.
56643 059 IND, 00:00-00:00 , , Independent/Directed Study;
Bruce Wollenberg ; 3 cr.

8967 Plan C Project II**(Student Option; Prereq: EE grad student)**

56650 001 IND, 00:00-00:00 , , Independent/Directed Study; ;
1-3 cr.
56651 002 IND, 00:00-00:00 , , Independent/Directed Study;
Kia Bazargan ; 1-3 cr.
56652 003 IND, 00:00-00:00 , , Independent/Directed Study;
Stephen Campbell ; 1-3 cr.
56653 004 IND, 00:00-00:00 , , Independent/Directed Study;
Vladimir Cherkassky ; 1-3 cr.
56655 006 IND, 00:00-00:00 , , Independent/Directed Study;
Philip Cohen ; 1-3 cr.
56656 007 IND, 00:00-00:00 , , Independent/Directed Study;
Rhonda Franklin ; 1-3 cr.
56657 008 IND, 00:00-00:00 , , Independent/Directed Study;
Emad Ebbini ; 1-3 cr.
56658 009 IND, 00:00-00:00 , , Independent/Directed Study;
Douglas Ernie ; 1-3 cr.
56660 011 IND, 00:00-00:00 , , Independent/Directed Study;
Tryphon Georgiou ; 1-3 cr.
56661 012 IND, 00:00-00:00 , , Independent/Directed Study;
Georgios Giannakis ; 1-3 cr.
56662 013 IND, 00:00-00:00 , , Independent/Directed Study;
Anand Gopinath ; 1-3 cr.
56663 014 IND, 00:00-00:00 , , Independent/Directed Study;
Ramesh Harjani ; 1-3 cr.
56664 015 IND, 00:00-00:00 , , Independent/Directed Study;
Bin He ; 1-3 cr.
56665 016 IND, 00:00-00:00 , , Independent/Directed Study;
Ted Higman ; 1-3 cr.
56667 018 IND, 00:00-00:00 , , Independent/Directed Study;
Allison Hubel ; 1-3 cr.
56668 019 IND, 00:00-00:00 , , Independent/Directed Study;
Paul Imbertson ; 1-3 cr.
56670 021 IND, 00:00-00:00 , , Independent/Directed Study;
Heinrich Jacobs ; 1-3 cr.
56672 023 IND, 00:00-00:00 , , Independent/Directed Study;
Mihailo Jovanovic ; 1-3 cr.
56673 024 IND, 00:00-00:00 , , Independent/Directed Study;
Mostafa Kaveh ; 1-3 cr.
56677 028 IND, 00:00-00:00 , , Independent/Directed Study;
Chris H. Kim ; 1-3 cr.
56678 029 IND, 00:00-00:00 , , Independent/Directed Study;
Larry Kinney ; 1-3 cr.
56680 031 IND, 00:00-00:00 , , Independent/Directed Study;
James Leger ; 1-3 cr.
56681 032 IND, 00:00-00:00 , , Independent/Directed Study;
David Lijia ; 1-3 cr.
56682 033 IND, 00:00-00:00 , , Independent/Directed Study;
Zhi-Quan Luo ; 1-3 cr.
56683 034 IND, 00:00-00:00 , , Independent/Directed Study;
Ned Mohan ; 1-3 cr.
56686 037 IND, 00:00-00:00 , , Independent/Directed Study;
Sang-Hyun Oh ; 1-3 cr.
56688 039 IND, 00:00-00:00 , , Independent/Directed Study;
Keshab Parhi ; 1-3 cr.
56692 042 IND, 00:00-00:00 , , Independent/Directed Study;
Thomas Posbergh ; 1-3 cr.
56693 043 IND, 00:00-00:00 , , Independent/Directed Study;
Marc Riedel ; 1-3 cr.
56694 044 IND, 00:00-00:00 , , Independent/Directed Study;
William Robbins ; 1-3 cr.
56695 045 IND, 00:00-00:00 , , Independent/Directed Study;
Charles Rennolet ; 1-3 cr.
56696 046 IND, 00:00-00:00 , , Independent/Directed Study;
Stergios Roumeliotis ; 1-3 cr.
56698 048 IND, 00:00-00:00 , , Independent/Directed Study;
P Ruden ; 1-3 cr.
56699 049 IND, 00:00-00:00 , , Independent/Directed Study;
Sachin Sapatnekar ; 1-3 cr.
56700 050 IND, 00:00-00:00 , , Independent/Directed Study;
murti salapaka ; 1-3 cr.
56702 052 IND, 00:00-00:00 , , Independent/Directed Study;
Gerald Sobelman ; 1-3 cr.
56703 053 IND, 00:00-00:00 , , Independent/Directed Study;
Bethanie Stadler ; 1-3 cr.
56704 054 IND, 00:00-00:00 , , Independent/Directed Study;
Joseph Talghader ; 1-3 cr.
56707 057 IND, 00:00-00:00 , , Independent/Directed Study;
Randall Victoria ; 1-3 cr.
56708 058 IND, 00:00-00:00 , , Independent/Directed Study;
Jianping Wang ; 1-3 cr.
56709 059 IND, 00:00-00:00 , , Independent/Directed Study;
Bruce Wollenberg ; 1-3 cr.

8980 Graduate Seminar II**(S-N or Audit;)**

55394 001 LEC, 16:00-17:15 Th, Keller Hall 3-230, In Person
Term Based; Mo Li ; 1 cr.

Emergency Medicine (EMMD)**7500 Emergency Medicine****(H-N only;)**

58323 001 ROT, In Person Term Based; 4 cr.
58728 002 ROT, In Person Term Based; 4 cr.
58729 003 ROT, In Person Term Based; 4 cr.
58730 004 ROT, In Person Term Based; 4 cr.

7512 Bedside Ultrasound**(H-N only;)**

64932 001 ROT, In Person Term Based; 4 cr.
64933 002 ROT, In Person Term Based; ; 4 cr.
64934 003 ROT, In Person Term Based; ; 4 cr.
64935 004 ROT, In Person Term Based; ; 4 cr.

7521 Emergency Medicine Research**(H-N only;)**

59231 099 IND, In Person Term Based; 4-8 cr.

7530 Special Elective in EMS**(H-N only;)**

68745 001 ROT, In Person Term Based; 4 cr.
68746 002 ROT, In Person Term Based; ; 4 cr.
68747 003 ROT, In Person Term Based; ; 4 cr.
68748 004 ROT, In Person Term Based; ; 4 cr.

7571 Clinical Toxicology and Emergency Medicine**(H-N only;)**

64936 001 ROT, In Person Term Based; 4 cr.
64937 002 ROT, In Person Term Based; ; 4 cr.
64938 003 ROT, In Person Term Based; ; 4 cr.
68356 004 ROT, In Person Term Based; ; 4 cr.

7600 Advanced Emergency Medicine: Career Track**(H-N only;)**

64939 001 ROT, In Person Term Based; 4 cr.
64940 002 ROT, In Person Term Based; ; 4 cr.
64941 003 ROT, In Person Term Based; ; 4 cr.
64942 004 ROT, In Person Term Based; ; 4 cr.

Endodontics (ENDO)**5306 Advanced Clinical Endodontics****(A-F or Audit;)**

53564 001 FWK, 00:00-00:00 , , In Person Term Based;
Scott McClanahan ; 1-6 cr.

5309 Advanced Clinical Endodontics**(A-F or Audit; Prereq: 5308)**

53565 001 FWK, 00:00-00:00 , , In Person Term Based;
Scott McClanahan ; 1-6 cr.

5313 Advanced Endodontic Emergency**(S-N or Audit; Prereq: 5312)**

53566 001 FWK, 00:00-00:00 , , In Person Term Based;
Scott McClanahan ; 1 cr.

5316 Advanced Endodontic Emergency**(S-N or Audit; Prereq: 5315)**

53567 001 FWK, 00:00-00:00 , , In Person Term Based;
Walter Bowles ; 1 cr.

5330 Review of Cases**(A-F or Audit; Prereq: 5329)**

53613 001 DIS, 00:00-00:00 , , In Person Term Based; Scott
McClanahan ; 1-2 cr.

5332 Review of cases**(A-F or Audit; Prereq: dept consent)**

53569 001 DIS, 00:00-00:00 , , In Person Term Based; Scott
McClanahan ; 1 cr.

5600 Endodontic Histopathology**(S-N or Audit;)**

53626 001 LEC, 00:00-00:00 , , In Person Term Based;
Robert Edmunds ; 1 cr.

8002 Research in Endodontics**(Student Option; Prereq: dept consent)**

53614 001 IND, In Person Term Based; 1-2 cr.

8005 Research in Endodontics**(A-F only; Prereq: dept consent)**

53572 001 IND, 00:00-00:00 , , In Person Term Based; Scott
McClanahan ; 1-2 cr.

8311 Literature Review**(A-F or Audit; Prereq: 8310)**

53615 001 LEC, In Person Term Based; Scott McClanahan ;
2 cr.

8313 Literature Review**(A-F or Audit; Prereq: 8312)**

53568 001 LEC, 00:00-00:00 , , In Person Term Based; Scott
McClanahan ; 2 cr.

8321 Advanced Endodontic Lecture**(A-F or Audit; Prereq: 8320)**

53570 001 LEC, In Person Term Based; 1 cr.

8323 Advanced Endodontic Lecture**(A-F or Audit; Prereq: 8322)**

53571 001 LEC, 00:00-00:00 , , In Person Term Based;
Samantha Roach ; 1 cr.

8335 Endodontics/Periodontics Seminar**(S-N or Audit; Prereq: dept consent)**

53619 001 LEC, In Person Term Based; 1 cr.

English as a Second Language (ESL)**10 Beginning Grammar****(S-N or Audit; Prereq: Non-native English speaker)**

61077 001 LEC, 9:05- 9:55 MTWThF, Kolthoff Hall 135, In
Person Term Based; Meets With: 099 ESL 10; 0 cr.

20 Beginning Reading and Composition**(S-N or Audit; Prereq: Non-native English speaker)**

61079 001 LEC, 10:10-12:05 MTWThF, Blegen Hall 115, In
Person Term Based; Meets With: 099 ESL 20; 0 cr.

30 Beginning Oral Skills**(S-N or Audit; Prereq: Non-native English speaker)**

61081 001 LEC, 14:30-16:25 MTWThF, Kolthoff Hall 139, In
Person Term Based; Meets With: 099 ESL 30; 0 cr.

110 High-Beginning Grammar**(S-N or Audit; Prereq: Non-native English speaker)**

60947 001 LEC, 9:05- 9:55 MTWThF, Ford Hall 127, In
Person Term Based; Meets With: 099 ESL 110; Stephanie
Hanson ; 0 cr.

120 High-Beginning Reading and Composition**(S-N or Audit; Prereq: Non-native English speaker)**

60950 001 LEC, 10:10-12:05 MTWThF, , In Person Term
Based; Meets With: 099 ESL 120; Annie Marrin ; 0 cr.

130 High Beginning Oral Skills**(S-N or Audit; Prereq: Non-native speaker of English)**

60953 001 LEC, 14:30-16:25 MTWThF, Kolthoff Hall 135, In
Person Term Based; Meets With: 099 ESL 130; Jennifer
Boe ; 0 cr.

210 Intermediate Grammar**(S-N or Audit; Prereq: Non-native speaker of English)**

60956 001 LEC, 12:20-13:10 MTWThF, Kolthoff Hall 135,
In Person Term Based; Meets With: 099 ESL 210; Emily
Tichich ; 0 cr.
60957 002 LEC, 12:20-13:10 MTWThF, Kolthoff Hall 137, In
Person Term Based; 0 cr.

220 Intermediate Reading and Composition**(S-N or Audit; Prereq: Nonnative English speaker)**

60959 001 LEC, 10:10-12:05 MTWThF, Appleby Hall 11,
In Person Term Based; Meets With: 099 ESL 220; Emily
Tichich ; 0 cr.
60960 002 LEC, 10:10-12:05 MTWThF, , In Person Term
Based; 0 cr.

230 Intermediate Oral Skills**(S-N or Audit; Prereq: Nonnative English speaker)**

60962 001 LEC, 14:30-16:25 MTWThF, Kolthoff Hall 137,
In Person Term Based; Meets With: 099 ESL 230; Julie
McDonald ; 0 cr.
60963 002 LEC, 14:30-16:25 MTWThF, Kolthoff Hall 140, In
Person Term Based; 0 cr.

310 Advanced Grammar**(S-N or Audit; Prereq: Non-native speaker of English)**

60993 001 LEC, 12:20-13:10 MTWThF, Ford Hall 151, In
Person Term Based; Meets With: 001 ESL 3101099 ESL
310; David Atterberry ; 0 cr.
60995 002 LEC, 12:20-13:10 MTWThF, Blegen Hall 105, In
Person Term Based; ; 0 cr.

61109 003 LEC, 12:20-13:10 MTWThF, Kolthoff Hall 134, In Person Term Based; 0 cr.

320 Advanced Reading and Composition

(S-N or Audit; Prereq: Non-native speaker of English)
60932 001 LEC, 9:05-11:00 MWF, Hubert H. Humphrey School 184, In Person Term Based; Meets With: 099 ESL 320001 ESL 3201; Alyssa Bonnac ; 0 cr.
60945 002 LEC, 8:00- 9:55 MWF, Kolthoff Hall 137, In Person Term Based; 0 cr.
61110 003 LEC, 8:00- 9:55 MWF, Blegen Hall 105, In Person Term Based; 0 cr.

330 Advanced Oral Skills

(S-N or Audit; Prereq: Non-native speaker of English)
60966 001 LEC, 14:30-16:25 TTh, Wulling Hall 240, In Person Term Based; Meets With: 001 ESL 3501099 ESL 330; Alyssa Bonnac ; 0 cr.
60967 002 DIS, 15:35-16:25 F, Blegen Hall 115, In Person Term Based; Meets With: 199 ESL 330002 ESL 3501; Alyssa Bonnac ; 0 cr.
60968 003 LEC, 14:30-16:25 TTh, Kolthoff Hall 133, In Person Term Based; 0 cr.
60969 004 DIS, 15:35-16:25 F, Kolthoff Hall 132, In Person Term Based; 0 cr.
61111 005 LEC, 14:30-16:25 TTh, Kolthoff Hall 132, In Person Term Based; 0 cr.
61112 006 DIS, 15:35-16:25 F, Ford Hall 127, In Person Term Based; 0 cr.

410 English Grammar for Academic Purposes

(S-N or Audit; Prereq: Non-native speaker of English)
60972 001 LEC, 12:20-13:10 MTWThF, Kolthoff Hall 132, In Person Term Based; Meets With: 099 ESL 410; Jonathan Gill ; 0 cr.
61083 002 LEC, 12:20-13:10 MTWThF, Kolthoff Hall 133, In Person Term Based; Robin Murie ; 0 cr.

420 High Advanced Reading/Composition

(S-N or Audit; Prereq: Non-native speaker of English)
60974 001 LEC, 9:05-11:00 MWF, Folwell Hall 16, In Person Term Based; Meets With: 099 ESL 420; Jonathan Gill ; 0 cr.
61084 002 LEC, 8:00- 9:55 MWF, Blegen Hall 115, In Person Term Based; Catherine Clements ; 0 cr.

430 High Advanced Oral Skills

(S-N or Audit; Prereq: Non-native speaker of English)
60976 001 LEC, 10:10-12:05 TTh, Cooke Hall 206, In Person Term Based; Meets With: 099 ESL 430; Leah Kronick ; 0 cr.
60977 002 DIS, 11:15-12:05 F, Ford Hall 127, In Person Term Based; Meets With: 199 ESL 430; Leah Kronick ; 0 cr.
61085 003 LEC, 10:10-12:05 TTh, Blegen Hall 105, In Person Term Based; Catherine Clements ; 0 cr.
61086 004 DIS, 11:15-12:05 F, Kolthoff Hall 133, In Person Term Based; Catherine Clements ; 0 cr.

901 American Culture

(S-N or Audit; Prereq: Non-native speaker of English)
60996 001 LEC, 8:00- 9:55 TTh, Appleby Hall 319, In Person Term Based; Meets With: 099 ESL 901; Jonathan Gill ; 0 cr.
60997 002 DIS, 14:30-15:20 F, Appleby Hall 319, In Person Term Based; Meets With: 199 ESL 901; Jonathan Gill ; 0 cr.
61000 003 LEC, 14:30-16:25 MW, Kolthoff Hall 136, In Person Term Based; Leah Kronick ; 0 cr.
61001 004 DIS, 14:30-15:20 F, Kolthoff Hall 134, In Person Term Based; Leah Kronick ; 0 cr.
61055 005 LEC, 14:30-16:25 MW, Kolthoff Hall 134, In Person Term Based; 0 cr.
61056 006 DIS, 14:30-15:20 F, Kolthoff Hall 133, In Person Term Based; 0 cr.
61115 007 LEC, 14:30-16:25 MW, Kolthoff Hall 133, In Person Term Based; 0 cr.
61116 008 DIS, 14:30-15:20 F, Ford Hall 127, In Person Term Based; 0 cr.

902 Academic Skills for the American University

(S-N or Audit; Prereq: Non-native speaker of English)
61002 001 LEC, 13:25-14:15 MTWTh, Kolthoff Hall 135, In Person Term Based; Meets With: 099 ESL 902; Alyssa Bonnac ; 0 cr.
61004 002 LEC, 13:25-14:15 MTWTh, Kolthoff Hall 137, In Person Term Based; Catherine Clements ; 0 cr.
61057 003 LEC, 13:25-14:15 MTWTh, Blegen Hall 105, In Person Term Based; 0 cr.

904 TOEFL Preparation

(S-N or Audit;)

60942 001 LEC, 16:40-18:35 MW, Blegen Hall 105, In Person Term Based; 0 cr.
60943 002 LEC, 16:40-18:35 MW, Blegen Hall 105, In Person Term Based; 0 cr.

909 Reading for Academic Purposes

(S-N or Audit;)
67108 001 LEC, 13:25-14:15 MTWTh, Blegen Hall 115, In Person Term Based; Meets With: 099 ESL 909; Robin Murie ; 0 cr.

921 Academic Writing

(S-N or Audit; Prereq: Non-native speaker of English)
60941 001 LEC, 16:40-18:35 TTh, Kolthoff Hall 137, In Person Term Based; Meets With: 001 ESL 3302001 ESL 5302; Paula Bramante ; 0 cr.

931 Academic Speaking

(S-N or Audit; Prereq: Non-native speaker of English)
61005 001 LEC, 14:30-16:25 MW, Blegen Hall 115, In Person Term Based; Meets With: 001 ESL 3602; Stephanie Hanson ; 0 cr.

941 Research Writing for the American University

(S-N only; Prereq: [Non-native speaker of English, [TOEFL iBT 79 or IELTS 6.5 or MNBatt 80 or equiv]] or dept consent)
61012 001 LEC, 8:00- 9:55 MW, Civil Engineering Bldg 213, In Person Term Based; Meets With: 001 ESL 3402; Angela Gerend ; 0 cr.

951 Pronunciation

(S-N or Audit; Prereq: Non-native speaker of English)
61007 001 LEC, 16:40-18:35 MW, Kolthoff Hall 135, In Person Term Based; Meets With: 001 ESL 3551; Annie Marrin ; 0 cr.

3001 Integrated Skills for Academic English

(Student Option; Prereq: Non-native speaker of English)
61009 001 LEC, 16:40-18:35 MW, Kolthoff Hall 136, In Person Term Based; Paula Bramante ; 2 cr.

3006 English for Business Interactions

(Student Option; Prereq: Non-native English speaker)
61088 001 LEC, 14:30-15:20 F, Kolthoff Hall 136, 16:40-18:35 M, Kolthoff Hall 137, In Person Term Based; Meets With: 001 ESL 906001 ESL 5006; Darren LaScotte ; 2 cr.

3102 English Grammar for Academic Purposes

(Student Option; Prereq: 3101, [Non-native speaker of English, [C-TOEFL score of at least 190 or equiv], dept consent)
60985 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Eric Nelson ; 4 cr.

3201 Advanced English Reading and Composition

(Student Option; Prereq: Non-native speaker of English, [IBT score of 53-67 or equiv])
61122 001 LEC, 9:05-11:00 MWF, Hubert H. Humphrey School 184, In Person Term Based; Meets With: 001 ESL 320099 ESL 320; Alyssa Bonnac ; 5 cr.

3202 Academic Reading and Composition

(Student Option; Prereq: 3201, Non-native speaker of English, [iBT score of at least 68 or equiv], dept consent)
61058 005 LEC, 16:40-18:35 MW, Kolthoff Hall 133, In Person Term Based; Robin Murie ; 5 cr.
61059 006 DIS, 16:40-17:30 F, Blegen Hall 105, In Person Term Based; Robin Murie ; 5 cr.
61123 003 LEC, 8:00- 9:55 TTh, Kolthoff Hall 137, In Person Term Based; Ellen Wormwood ; 5 cr.
61124 004 DIS, 8:00- 8:50 F, Kolthoff Hall 135, In Person Term Based; Ellen Wormwood ; 5 cr.

3302 Writing for Academic Purposes

(Student Option; Prereq: 3202, non-native speaker of English, [C-TOEFL score of at least 190 or equiv], dept consent)
60910 001 LEC, 16:40-18:35 TTh, Kolthoff Hall 137, In Person Term Based; Meets With: 001 ESL 921001 ESL 5302; Paula Bramante ; 4 cr.

3402 Research Writing for the American University

(Student Option; Prereq: [Non-native speaker of English, [TOEFL iBT 79 or IELTS 6.5 or MNBatt 80 or equiv]] or dept consent)

61011 001 LEC, 8:00- 9:55 MW, Civil Engineering Bldg 213, In Person Term Based; Meets With: 001 ESL 941; Angela Gerend ; 4 cr.
61113 002 LEC, 16:40-18:35 TTh, Kolthoff Hall 132, In Person Term Based; Angela Gerend ; 4 cr.

3502 Academic Listening and Speaking

(Student Option; Prereq: 3501, non-native speaker of English, [iBT score of at least 68 or equiv], dept consent)
60911 001 LEC, 12:20-14:15 TTh, Carlson School of Mgmt L-118, In Person Term Based; Megan Rodriguez ; 5 cr.
60946 002 DIS, 12:20-13:10 F, Blegen Hall 115, In Person Term Based; Megan Rodriguez ; 5 cr.

3551 English Pronunciation

(Student Option; Prereq: Non-native speaker of English, dept consent)
60912 001 LEC, 16:40-18:35 MW, Kolthoff Hall 135, In Person Term Based; Meets With: 001 ESL 951; Annie Marrin ; 4 cr.

3602 Speaking for Academic Purposes

(Student Option; Prereq: 3502, non-native speaker of English, [C-TOEFL score of at least 190 or equiv], dept consent)
60984 001 LEC, 14:30-16:25 MW, Blegen Hall 115, In Person Term Based; Meets With: 001 ESL 931; Stephanie Hanson ; 4 cr.

5006 English for Business Interactions

(Student Option; Prereq: Grad, non-native English speaker)
61089 001 LEC, 14:30-15:20 F, Kolthoff Hall 136, 16:40-18:35 M, Kolthoff Hall 137, In Person Term Based; Meets With: 001 ESL 906001 ESL 3006; Darren LaScotte ; 2 cr.

5008 Speaking for Professional Settings

(Student Option; Prereq: Graduate student)
67107 001 LEC, 16:40-18:35 T, Kolthoff Hall 134, In Person Term Based; Eric Nelson ; 2 cr.

5302 Academic Writing

(Student Option;)
68016 001 LEC, 16:40-18:35 TTh, Kolthoff Hall 137, In Person Term Based; Meets With: 001 ESL 3302001 ESL 921; Paula Bramante ; 4 cr.

English: Literature (ENGL)

1001W Introduction to Literature: Poetry, Drama, Narrative

(Student Option; LITR,WI)
50769 001 LEC, 8:00- 9:55 TTh, Appleby Hall 303, In Person Term Based; Elizabeth Weixel ; 4 cr.
51491 002 LEC, 11:15-13:10 MW, Appleby Hall 103, In Person Term Based; Ashley Campbell ; 4 cr.
52542 003 LEC, 10:10-12:05 WF, Amundson Hall 162, In Person Term Based; Chris Kamerbeek ; 4 cr.

1041 Adaptation: Literature into Film

(Student Option; AH)
68067 001 LEC, 17:30-21:30 T, Lind Hall 303, In Person Term Based; Siobhan Craig ; 3 cr.

1172 The Story of King Arthur

(Student Option; LITR)
66586 001 LEC, 11:15-12:30 TTh, Akerman Hall 319, In Person Term Based; Rebecca Krug ; 3 cr.

1181W Introduction to Shakespeare

(Student Option; LITR,WI)
49950 001 LEC, 9:05-11:00 MW, Akerman Hall 317, In Person Term Based; Jen-chou Liu ; 4 cr.
51792 002 LEC, 9:05-11:00 TTh, Wulling Hall 220, In Person Term Based; Katherine Scheil ; 4 cr.

1201W Contemporary American Literature

(Student Option; LITR,WI)
48799 001 LEC, 13:00-14:15 TTh, Anderson Hall 350, In Person Term Based; John Pistelli ; 4 cr.
48800 002 DIS, 13:25-14:15 M, Amundson Hall 156, In Person Term Based; 4 cr.
50258 003 DIS, 13:25-14:15 W, Lind Hall 203, In Person Term Based; 4 cr.
50259 004 DIS, 13:25-14:15 M, Akerman Hall 327, In Person Term Based; 4 cr.

50260 005 DIS, 13:25-14:15 W, Amundson Hall 156, In Person Term Based; 4 cr.
 50261 006 DIS, 13:25-14:15 M, Akerman Hall 317, In Person Term Based; 4 cr.
 50262 007 DIS, 13:25-14:15 W, Akerman Hall 327, In Person Term Based; 4 cr.

1301W Introduction to Multicultural Literatures of the United States (Student Option; DSJ,WI,LITR)

51793 001 DIS, 18:00-19:55 MW, Amundson Hall 104, In Person Term Based; Christopher Pexa ; 4 cr.
 52352 002 DIS, 9:05-11:00 TTh, Peik Hall 165, In Person Term Based; Melissa Merte ; 4 cr.

1401W Introduction to World Literatures in English (Student Option; GP,WI,LITR)

48801 001 LEC, 10:10-12:05 TTh, Blegen Hall 435, In Person Term Based; Elisabeth Alderks ; 4 cr.
 51617 002 LEC, 14:30-16:25 MW, Akerman Hall 317, In Person Term Based; Sungjin Shin ; 4 cr.

1501W Literature and Public Life (A-F only; WI,LITR,CIV)

50445 001 LEC, 10:10-12:05 MW, Amundson Hall 158, In Person Term Based; Jenna Lester ; 4 cr.
 51277 002 LEC, 12:20-14:15 MW, Amundson Hall 116, In Person Term Based; Kristina Popiel ; 4 cr.
 51278 003 LEC, 14:30-16:25 MW, Akerman Hall 313, In Person Term Based; John Pistelli ; 4 cr.
 51279 004 LEC, 8:00- 9:55 TTh, Appleby Hall 11, In Person Term Based; Michael Phillips ; 4 cr.
 51280 005 LEC, 10:10-12:05 TTh, Appleby Hall 226, In Person Term Based; Melissa Licht ; 4 cr.
 51419 006 LEC, 13:25-15:20 TTh, Blegen Hall 135, In Person Term Based; Ann Tandy-Treiber ; 4 cr.
 52699 007 LEC, 12:20-14:15 TTh, Bruininks Hall 144, In Person Term Based; Anne Roth-Reinhardt ; 4 cr.

1701 Modern Fiction (Student Option; LITR)

50148 001 LEC, 11:15-12:30 TTh, 10 Church Street SE 100, In Person Term Based; Ann Tandy-Treiber ; 3 cr.
 51321 002 LEC, 9:45-11:00 TTh, Akerman Hall 317, In Person Term Based; M. Fitzgerald ; 3 cr.
 51420 003 LEC, 18:00-20:30 Th, Lind Hall 217, In Person Term Based; Annemarie Lawless ; 3 cr.
 51618 004 LEC, 13:00-14:15 MW, Nicholson Hall 345, In Person Term Based; James Cihlar ; 3 cr.

1701H Honors: Modern Fiction

(A-F only; Prereq: Honors or instr consentLITR)
 52139 001 DIS, 13:00-14:15 TTh, Lind Hall 340, In Person Term Based; M. Fitzgerald ; 3 cr.

1913W I Don't Want to Grow Up: Coming of Age in Fiction (A-F or Audit; WI)

67102 001 LEC, 14:30-15:45 TTh, Lind Hall 320, In Person Term Based; Julie Schumacher ; 3 cr.

3001V Honors: Textual Analysis: Methods (A-F only; Prereq: Honors, [English major or minor or approved BIS or IDIM program with English area]WI)

66600 001 LEC, 12:20-14:15 TTh, Amundson Hall 104, In Person Term Based; Qadri Ismail ; 4 cr.

3001W Textual Analysis: Methods

(A-F only; Prereq: [English major or minor or approved BIS or IDIM program with English area]WI)
 50047 002 LEC, 13:25-15:20 MW, Lind Hall 229, In Person Term Based; Abhay Doshi ; 4 cr.
 50170 003 LEC, 16:40-18:35 TTh, Lind Hall 320, In Person Term Based; Katelyn Mccarthy ; 4 cr.
 50382 001 LEC, 9:05-11:00 MW, Akerman Hall 313, In Person Term Based; Amy Fairgrieve ; 4 cr.

3002 Modern Literary Criticism and Theory (Student Option;)

50137 001 LEC, 11:15-12:30 TTh, Akerman Hall 227, In Person Term Based; Timothy Brennan ; 3 cr.
 50383 002 LEC, 9:45-11:00 TTh, Lind Hall 302, In Person Term Based; Qadri Ismail ; 3 cr.

3003W Historical Survey of British Literatures I (Student Option; HIS,WI)

49450 001 LEC, 9:05-11:00 TTh, Folwell Hall 12, In Person Term Based; Ann Tandy-Treiber ; 4 cr.
 51646 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Santi Clarke ; 4 cr.

3004W Historical Survey of British Literatures II (Student Option; HIS,WI)

48780 001 LEC, 11:15-12:30 MW, Molecular Cellular Biol 2-122, In Person Term Based; Elaine Auyoung ; 4 cr.
 48781 003 DIS, 11:15-12:05 Th, Lind Hall 303, In Person Term Based; 4 cr.
 48782 002 DIS, 11:15-12:05 T, Lind Hall 303, In Person Term Based; 4 cr.

3005W Survey of American Literatures and Cultures I (Student Option; DSJ,WI,LITR)

49963 001 LEC, 18:00-19:55 MW, Lind Hall 340, In Person Term Based; John Pistelli ; 4 cr.
 52416 302 LEC, Completely Online; Laura Scroggs ; 4 cr.
 52488 301 LEC, Completely Online; David Andrews ; 4 cr.

3006W Survey of American Literatures and Cultures II (Student Option; DSJ,WI,LITR)

48803 001 LEC, 13:00-14:15 TTh, Smith Hall 231, In Person Term Based; Chris Kamerbeek ; 4 cr.
 48804 002 DIS, 13:25-14:15 M, Akerman Hall 313, In Person Term Based; 4 cr.
 48805 004 DIS, 13:25-14:15 M, Amundson Hall 104, In Person Term Based; 4 cr.
 48806 003 DIS, 13:25-14:15 W, Akerman Hall 317, In Person Term Based; 4 cr.

3007 Shakespeare (A-F or Audit; LITR)

50115 001 LEC, 13:00-14:15 MW, Akerman Hall 319, In Person Term Based; David Haley ; 3 cr.
 50171 002 LEC, 9:45-11:00 TTh, Kolthoff Hall 139, In Person Term Based; Melissa Johnson ; 3 cr.
 68206 003 LEC, 11:15-12:30 MW, Lind Hall 325, In Person Term Based; David Haley ; 3 cr.
 68331 004 LEC, 13:00-14:15 TTh, Keller Hall 2-260, In Person Term Based; Elizabeth Weixel ; 3 cr.

3011 Jewish American Literature: Toward a Poetics of Diasporic Identity (Student Option; DSJ,HIS)

68263 001 LEC, 13:00-14:15 TTh, Lind Hall 315, In Person Term Based; Meets With: 001 JWST 3011; Natan Paradise ; 3 cr.

3022 Science Fiction and Fantasy (Student Option;)

51262 001 LEC, 14:30-15:45 MW, Akerman Hall 215, In Person Term Based; Jennifer Jodell ; 3 cr.
 51286 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Erica Decker ; 3 cr.

3023 Children's Literature (Student Option;)

51619 001 LEC, 8:15- 9:30 TTh, Lind Hall 340, In Person Term Based; Amy Bolis ; 3 cr.

3024 The Graphic Novel (Student Option;)

51428 001 LEC, 14:30-15:45 TTh, Lind Hall 302, In Person Term Based; Jani Scandura ; 3 cr.

3025 The End of the World in Literature and History (Student Option; HIS)

52142 001 DIS, 11:15-12:30 TTh, Hanson Hall 1-107, In Person Term Based; Meets With: 001 RELS 3627; John Watkins ; 3 cr.

3026 Mediterranean Wanderings: Literature and History on the Borders of Three Continents (Student Option; GP)

66614 001 DIS, 9:45-11:00 MW, Akerman Hall 227, In Person Term Based; Nabil Matar ; 3 cr.

3027W The Essay (Student Option; WI)

50471 001 LEC, 9:05-11:00 TTh, Peik Hall 335, In Person Term Based; Matthew Harrison ; 4 cr.
 50472 002 LEC, 13:25-15:20 MW, Nicholson Hall 335, In Person Term Based; Heather Holcombe ; 4 cr.

3028 "Spy-Fi": The Rise of British Espionage Fiction (Student Option; LITR)

67561 001 LEC, 9:45-11:00 MW, Lind Hall 302, In Person Term Based; Lois Cucullu ; 3 cr.

3061 Literature and Music (Student Option; LITR)

51679 001 DIS, 16:00-18:30 M, Lind Hall 229, In Person Term Based; Ramon Gonzalez ; 3 cr.
 68769 002 DIS, 9:45-11:00 TTh, Burton Hall 120, In Person Term Based; Chris Kamerbeek ; 3 cr.

3091 The Literature and Film of Baseball (Student Option; LITR)

51859 001 DIS, 13:00-14:15 MW, Bruininks Hall 131A, In Person Term Based; Lianna Farber ; 3 cr.

3141 The Restoration and the Eighteenth Century: Sex, Satire, and Sentiment (A-F or Audit;)

66616 001 LEC, 11:15-12:30 TTh, Lind Hall 302, In Person Term Based; Amit Yahav ; 3 cr.

3182 Irish Literature (Student Option;)

67606 001 LEC, 16:00-17:15 TTh, Lind Hall 303, In Person Term Based; Annemarie Lawless ; 3 cr.

3222 American Novel from 1900 (Student Option;)

66617 001 LEC, 14:30-15:45 MW, Lind Hall 302, In Person Term Based; James Cihlar ; 3 cr.

3301 Asian America through Arts and Culture (Student Option; AH,DSJ)

52144 001 LEC, 9:45-11:00 TTh, Lind Hall 340, In Person Term Based; Meets With: 001 AAS 3301; Boml Yoon ; 3 cr.

3350 Women Writers (Student Option;)

67399 001 LEC, 9:45-11:00 TTh, Ford Hall 115, In Person Term Based; Rebecca Krug ; 3 cr.

3501 Public Discourse: Coming to Terms with the Environment (Student Option; ENV,LITR)

51429 001 LEC, 13:00-14:15 TTh, Folwell Hall 108, In Person Term Based; Melissa Licht ; 3 cr.

3506 Social Movements & Community Education (A-F or Audit; CIV)

50649 001 FWK, 14:30-15:45 MW, Vincent Hall 209, In Person Term Based; Eric Daigre ; 4 cr.

3507W Introduction to Chicana/o Literature (Student Option; DSJ,WI,LITR)

51483 001 LEC, 9:45-11:00 MW, Elliott Hall N647, In Person Term Based; Meets With: 001 CHIC 3507W; Alexandra Covarrubias ; 3 cr.
 51484 002 LEC, 13:00-14:15 MW, Scott Hall 4, In Person Term Based; Meets With: 002 CHIC 3507W; Alexandra Covarrubias ; 3 cr.

3592W Black Women's Life-Writing (Student Option; DSJ,WI,LITR)

68885 001 LEC, 9:45-11:00 TTh, Blegen Hall 140, In Person Term Based; Meets With: 001 AFRO 3592W; Terriion Williamson ; 3 cr.

3712 Literary Magazine Production Lab II (A-F only; Prereq: [3711, instr consent])

50840 001 LAB, 18:15-20:00 TTh, Lind Hall 340, In Person Term Based; James Cihlar ; 4 cr.

3741 Literacy and American Cultural Diversity (Student Option; DSJ)

50156 001 FWK, 9:45-11:00 MW, Ford Hall 155, In Person Term Based; Eric Daigre ; 4 cr.
 50473 002 FWK, 13:00-14:15 MW, Akerman Hall 211, In Person Term Based; Eric Daigre ; 4 cr.

3883V Honors Thesis

(A-F or Audit; Prereq: Honors candidacy in English, consent of English honors advisor.WI)
 50172 001 IND, 11:15-12:30 MW, Lind Hall 315, In Person Term Based; Brian Goldberg ; 1-4 cr.

3960W Capstone Seminar in English

(A-F only; Prerequisites for Admission: Admission to ENGL 3960W requires English major status and completion of ENGL 3001W with a minimum grade of C-minus. Priority will be given to students with senior status who have completed the majority of the major requirements, as well as to students who plan

to graduate in the term they are requesting to take the senior seminar. WI)

- 67991 001 LEC, 12:20-14:15 MW, Amundson Hall 124, In Person Term Based; Lois Cucullu ; 4 cr.
67992 002 LEC, 10:10-12:05 MW, Blegen Hall 105, In Person Term Based; Lianna Farber ; 4 cr.
67993 003 LEC, 10:10-12:05 TTh, Lind Hall 320, In Person Term Based; Jani Scandura ; 4 cr.
67994 004 LEC, 14:30-16:25 TTh, Pillsbury Hall 121, In Person Term Based; Amit Yahav ; 4 cr.

3993 Directed Study

(Student Option; Prereq-One 3xxx, [English major or minor or [BIS or IDIM or ICP] with English concentration], [jr or sr], instr consent, dept consent, college consent.)

- 50324 001 IND, 00:00-00:00 , , In Person Term Based; Elaine Auyoung ; 1-4 cr.
50652 003 IND, 00:00-00:00 , , In Person Term Based; Timothy Brennan ; 1-4 cr.
50653 004 IND, 00:00-00:00 , , In Person Term Based; Tony C. Brown ; 1-4 cr.
50654 006 IND, 00:00-00:00 , , In Person Term Based; Siobhan Craig ; 1-4 cr.
50655 007 IND, 00:00-00:00 , , In Person Term Based; Lois Cucullu ; 1-4 cr.
50656 008 IND, 00:00-00:00 , , In Person Term Based; Andrew Elfenbein ; 1-4 cr.
50657 009 IND, 00:00-00:00 , , In Person Term Based; Lianna Farber ; 1-4 cr.
50658 010 IND, 00:00-00:00 , , In Person Term Based; M. Fitzgerald ; 1-4 cr.
50659 011 IND, 00:00-00:00 , , In Person Term Based; V.V. Ganeshananthan ; 1-4 cr.
50661 013 IND, 00:00-00:00 , , In Person Term Based; Brian Goldberg ; 1-4 cr.
50662 014 IND, 00:00-00:00 , , In Person Term Based; Ramon Gonzalez ; 1-4 cr.
50666 018 IND, 00:00-00:00 , , In Person Term Based; Qadri Ismail ; 1-4 cr.
50667 019 IND, 00:00-00:00 , , In Person Term Based; Rebecca Krug ; 1-4 cr.
50668 020 IND, 00:00-00:00 , , In Person Term Based; Josephine Lee ; 1-4 cr.
50669 021 IND, 00:00-00:00 , , In Person Term Based; Nabil Matar ; 1-4 cr.
50671 023 IND, 00:00-00:00 , , In Person Term Based; Nathaniel Mills ; 1-4 cr.
50672 024 IND, 00:00-00:00 , , In Person Term Based; Christopher Pexa ; 1-4 cr.
50673 025 IND, 00:00-00:00 , , In Person Term Based; Daniel Philippon ; 1-4 cr.
50674 026 IND, 00:00-00:00 , , In Person Term Based; Jani Scandura ; 1-4 cr.
50675 027 IND, 00:00-00:00 , , In Person Term Based; Andrew Scheil ; 1-4 cr.
50676 029 IND, 00:00-00:00 , , In Person Term Based; Julie Schumacher ; 1-4 cr.
50677 030 IND, 00:00-00:00 , , In Person Term Based; Geoffrey Sirc ; 1-4 cr.
50678 031 IND, 00:00-00:00 , , In Person Term Based; Kimberley Todd ; 1-4 cr.
50679 032 IND, 00:00-00:00 , , In Person Term Based; John Watkins ; 1-4 cr.
50680 033 IND, 00:00-00:00 , , In Person Term Based; John Wright ; 1-4 cr.
50681 034 IND, 00:00-00:00 , , In Person Term Based; Amit Yahav ; 1-4 cr.
50683 028 IND, 00:00-00:00 , , In Person Term Based; Katherine Scheil ; 1-4 cr.
50946 036 IND, 00:00-00:00 , , Independent/Directed Study; Terri Sutton ; 1-4 cr.
51711 005 IND, 00:00-00:00 , , In Person Term Based; Peter Campion ; 1-4 cr.

4613 Old English II

(Student Option; Prerequisite. "Beowulf" has been the object of intensive scholarly study; we will delve into the debates over the poem's date, genesis, manuscript and historical context and critical interpretation. Spending an entire semester studying one complex work can be an invaluable experience. Please contact the instructor for any questions concerning the prerequisite.)

- 66640 001 DIS, 17:30-20:00 M, Akerman Hall 227, In Person Term Based; Meets With: 001 MEST 4613; Andrew Scheil ; 3 cr.

4711 Introduction to Editing and Publishing

(Student Option; Prereq: jr or senior or grad student Credit will not be granted if credit has been received for ENGW 5401, ENGL 5711, or ENGL 5401)

- 50049 001 DIS, 17:45-19:35 MW, Amundson Hall 156, In Person Term Based; Michael Tortorello, Anitra Budd ; 4 cr.

5090 Readings in Special Subjects

(Student Option;)

- 67342 001 LEC, 15:35-18:05 T, Lind Hall 207A, In Person Term Based; Meets With: 001 ENGW 5130; V.V. Ganeshananthan ; 1-4 cr.

5300 Readings in American Minority Literature

(Student Option;)

- 67117 001 LEC, 17:30-20:00 T, Lind Hall 226, In Person Term Based; Christopher Pexa ; 3 cr.

5510 Readings in Criticism and Theory

(Student Option;)

- 67118 001 LEC, 14:30-17:00 W, Lind Hall 226, In Person Term Based; Elaine Auyoung ; 3 cr.

5701 Great River Review

(Student Option;)

- 52260 001 LAB, 16:40-19:10 M, Ford Hall B60, In Person Term Based; Meets With: 001 ENGW 5701; Peter Campion ; 4 cr.

5992 Directed Readings, Study, or Research

(Student Option; Prereq-Grad student or instr consent.)

- 50325 001 IND, 00:00-00:00 , , In Person Term Based; Elaine Auyoung ; 1-3 cr.
50685 003 IND, 00:00-00:00 , , In Person Term Based; Timothy Brennan ; 1-3 cr.
50686 005 IND, 00:00-00:00 , , In Person Term Based; Peter Campion ; 1-3 cr.
50687 006 IND, 00:00-00:00 , , In Person Term Based; Siobhan Craig ; 1-3 cr.
50688 007 IND, 00:00-00:00 , , In Person Term Based; Lois Cucullu ; 1-3 cr.
50689 008 IND, 00:00-00:00 , , In Person Term Based; Andrew Elfenbein ; 1-3 cr.
50690 009 IND, 00:00-00:00 , , In Person Term Based; Lianna Farber ; 1-3 cr.
50691 010 IND, 00:00-00:00 , , In Person Term Based; M. Fitzgerald ; 1-3 cr.
50692 011 IND, 00:00-00:00 , , In Person Term Based; V.V. Ganeshananthan ; 1-3 cr.
50693 012 IND, 00:00-00:00 , , In Person Term Based; Brian Goldberg ; 1-3 cr.
50694 013 IND, 00:00-00:00 , , In Person Term Based; Ramon Gonzalez ; 1-3 cr.
50699 018 IND, 00:00-00:00 , , In Person Term Based; Qadri Ismail ; 1-3 cr.
50700 019 IND, 00:00-00:00 , , In Person Term Based; Rebecca Krug ; 1-3 cr.
50701 020 IND, 00:00-00:00 , , In Person Term Based; Josephine Lee ; 1-3 cr.
50702 021 IND, 00:00-00:00 , , In Person Term Based; Nabil Matar ; 1-3 cr.
50704 023 IND, 00:00-00:00 , , In Person Term Based; Nathaniel Mills ; 1-3 cr.
50705 024 IND, 00:00-00:00 , , In Person Term Based; Christopher Pexa ; 1-3 cr.
50706 025 IND, 00:00-00:00 , , In Person Term Based; Daniel Philippon ; 1-3 cr.
50707 026 IND, 00:00-00:00 , , In Person Term Based; Jani Scandura ; 1-3 cr.
50708 027 IND, 00:00-00:00 , , In Person Term Based; Andrew Scheil ; 1-3 cr.
50709 028 IND, 00:00-00:00 , , In Person Term Based; Katherine Scheil ; 1-3 cr.
50710 029 IND, 00:00-00:00 , , In Person Term Based; Julie Schumacher ; 1-3 cr.
50711 030 IND, 00:00-00:00 , , In Person Term Based; Geoffrey Sirc ; 1-3 cr.
50713 032 IND, 00:00-00:00 , , In Person Term Based; Kimberley Todd ; 1-3 cr.
50714 033 IND, 00:00-00:00 , , In Person Term Based; John Watkins ; 1-3 cr.
50715 034 IND, 00:00-00:00 , , In Person Term Based; John Wright ; 1-3 cr.
50716 035 IND, 00:00-00:00 , , In Person Term Based; Amit Yahav ; 1-3 cr.
51472 004 IND, 00:00-00:00 , , In Person Term Based; Tony C. Brown ; 1-3 cr.

8090 Seminar in Special Subjects

(Student Option;)

- 67119 001 LEC, 15:35-18:05 Th, Lind Hall 202, In Person Term Based; Daniel Philippon ; 3 cr.

8150 Seminar in Shakespeare

(Student Option;)

- 67120 001 LEC, 9:30-12:00 F, Lind Hall 216, In Person Term Based; Katherine Scheil ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated;)

67795 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

- 50327 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

- 50328 001 IND, In Person Term Based; 1-24 cr.

8992 Directed Reading in Language,

Literature, Culture, Rhetoric, Composition, or Creative Writing

(Student Option; Prereq: instr consent, dept consent)

- 50329 001 IND, 00:00-00:00 , , In Person Term Based; Elaine Auyoung ; 1-9 cr.
50719 003 IND, 00:00-00:00 , , In Person Term Based; Timothy Brennan ; 1-9 cr.
50720 004 IND, 00:00-00:00 , , In Person Term Based; Tony C. Brown ; 1-9 cr.
50721 005 IND, 00:00-00:00 , , In Person Term Based; Peter Campion ; 1-9 cr.
50722 006 IND, 00:00-00:00 , , In Person Term Based; Siobhan Craig ; 1-9 cr.
50723 007 IND, 00:00-00:00 , , In Person Term Based; Lois Cucullu ; 1-9 cr.
50724 008 IND, 00:00-00:00 , , In Person Term Based; Andrew Elfenbein ; 1-9 cr.
50725 009 IND, 00:00-00:00 , , In Person Term Based; Lianna Farber ; 1-9 cr.
50726 010 IND, 00:00-00:00 , , In Person Term Based; M. Fitzgerald ; 1-9 cr.
50727 011 IND, 00:00-00:00 , , In Person Term Based; V.V. Ganeshananthan ; 1-9 cr.
50729 013 IND, 00:00-00:00 , , In Person Term Based; Brian Goldberg ; 1-9 cr.
50730 014 IND, 00:00-00:00 , , In Person Term Based; Ramon Gonzalez ; 1-9 cr.
50734 018 IND, 00:00-00:00 , , In Person Term Based; Qadri Ismail ; 1-9 cr.
50735 019 IND, 00:00-00:00 , , In Person Term Based; Rebecca Krug ; 1-9 cr.
50736 020 IND, 00:00-00:00 , , In Person Term Based; Josephine Lee ; 1-9 cr.
50737 021 IND, 00:00-00:00 , , In Person Term Based; Nabil Matar ; 1-9 cr.
50739 023 IND, 00:00-00:00 , , In Person Term Based; Nathaniel Mills ; 1-9 cr.
50740 024 IND, 00:00-00:00 , , In Person Term Based; Christopher Pexa ; 1-9 cr.
50741 025 IND, 00:00-00:00 , , In Person Term Based; Daniel Philippon ; 1-9 cr.
50742 026 IND, 00:00-00:00 , , In Person Term Based; Jani Scandura ; 1-9 cr.
50743 027 IND, 00:00-00:00 , , In Person Term Based; Andrew Scheil ; 1-9 cr.
50744 028 IND, 00:00-00:00 , , In Person Term Based; Katherine Scheil ; 1-9 cr.
50745 029 IND, 00:00-00:00 , , In Person Term Based; Julie Schumacher ; 1-9 cr.
50747 031 IND, 00:00-00:00 , , In Person Term Based; Geoffrey Sirc ; 1-9 cr.
50748 032 IND, 00:00-00:00 , , In Person Term Based; Kimberley Todd ; 1-9 cr.
50749 033 IND, 00:00-00:00 , , In Person Term Based; John Watkins ; 1-9 cr.
50750 034 IND, 00:00-00:00 , , In Person Term Based; John Wright ; 1-9 cr.
50751 035 IND, 00:00-00:00 , , In Person Term Based; Amit Yahav ; 1-9 cr.

English: Creative Writing (ENGW)

1101W Introduction to Creative Writing

(Student Option No Audit; Prereq: Students may not audit this course LTR, WI)

- 48817 001 LEC, 14:30-15:20 W, 10 Church Street SE 100, In Person Term Based; 4 cr.
50521 002 LAB, 9:05-11:00 M, Nicholson Hall 335, In Person Term Based; Curtis Lee Fincher ; 4 cr.
50522 003 LAB, 10:10-12:05 M, Amundson Hall 156, In Person Term Based; Rebecca Brill ; 4 cr.
50523 004 LAB, 11:15-13:10 M, Bruininks Hall 420A, In Person Term Based; Mihret Sibhat ; 4 cr.
50524 005 LAB, 13:25-15:20 M, Bruininks Hall 420A, In Person Term Based; Ember Johnson ; 4 cr.

50525 006 LAB, 14:30-16:25 M, Akerman Hall 327, In Person Term Based; Mariela Lemus ; 4 cr.
 50526 007 LAB, 18:20-20:10 M, Kolthoff Hall 132, In Person Term Based; Dylan Reynolds ; 4 cr.
 50527 008 LAB, 9:05-11:00 Th, Akerman Hall 211, In Person Term Based; Kathryn Savage ; 4 cr.
 50528 009 LAB, 11:15-13:10 Th, Peik Gymnasium G65, In Person Term Based; Daniel Kossow ; 4 cr.
 50529 010 LAB, 13:25-15:20 Th, Mechanical Engineering 221, In Person Term Based; May Lee-Yang ; 4 cr.
 51477 011 LAB, 9:05-11:00 F, Lind Hall 302, In Person Term Based; Amanda Minoff ; 4 cr.
 51794 012 LAB, 10:10-12:05 F, Kolthoff Hall 136, In Person Term Based; Gregory Smith ; 4 cr.
 66644 013 LAB, 11:15-13:10 F, Lind Hall 302, In Person Term Based; Gao Vang ; 4 cr.

1102 Introduction to Fiction Writing

(Student Option No Audit;)
 48833 001 LEC, 18:20-20:50 M, Lind Hall 315, In Person Term Based; Alexis Zanghi ; 3 cr.
 49404 002 LEC, 14:30-15:20 MWF, Kolthoff Hall 132, In Person Term Based; Connor Stratton ; 3 cr.
 50111 003 LEC, 8:15- 9:30 TTh, Lind Hall 325, In Person Term Based; Liam Kane-Grade ; 3 cr.

1103 Introduction to Poetry Writing

(Student Option No Audit;)
 49405 001 LEC, 11:15-12:30 MW, Ford Hall B53, In Person Term Based; Miriam Karraker ; 3 cr.

1104 Introduction to Literary Nonfiction Writing

(Student Option No Audit; Prereq: Students not allowed to audit this course)
 50116 002 LEC, 11:15-12:30 TTh, Lind Hall 340, In Person Term Based; William Harris ; 3 cr.

3102 Intermediate Fiction Writing

(Student Option No Audit; Prereq: [EngW 1101 OR 1102 OR 1103 OR 1104], students cannot audit course)
 48834 001 LEC, 13:00-14:15 TTh, Lind Hall 325, In Person Term Based; Anessa Ibrahim ; 3 cr.
 49406 002 LEC, 18:20-20:50 T, Vincent Hall 364, In Person Term Based; Joseph Harris ; 3 cr.

3104 Intermediate Poetry Writing

(Student Option No Audit; Prereq: [1101 or 1102 or 1103 or 1104], students cannot audit course)
 48835 001 LEC, 18:20-20:50 M, Lind Hall 303, In Person Term Based; Hannah Riddle ; 3 cr.

3106 Intermediate Literary Nonfiction Writing

(Student Option No Audit; Prereq: [1101 or 1102 or 1103 or 1104], students cannot audit course)
 50117 002 LEC, 11:15-12:30 TTh, Lind Hall 325, In Person Term Based; Kristin Collier ; 3 cr.

3110 Topics in Creative Writing

(Student Option No Audit; Prereq: 1101 or 1102 or 1103 or 1104 or dept consent)
 69120 001 LEC, 9:45-11:00 TTh, Pillsbury Hall 121, In Person Term Based; Erica Berry ; 3 cr.
 69121 002 LEC, 13:00-14:15 MW, Akerman Hall 227, In Person Term Based; Gordon Grice ; 3 cr.

3960W Capstone Seminar in Creative Writing

(A-F only; Prerequisites for Admission: Admission to ENGW 3960W requires: (1) English major status and completion of ENGL 3001W with a minimum grade of C-minus; (2) completion of at least six credits of creative writing courses, including one intermediate (ENGW 3xxx-level) or advanced creative writing workshop, preferably in the genre of the ENGW 3960W workshop to which you are applying; and (3) submission of a creative writing sample. Admission is by permission of the instructor. Priority will be given to students with senior status who have completed the majority of the major requirements, as well as to students who plan to graduate in the term they are requesting to take the senior seminar. WI)
 67997 001 LEC, 12:20-14:15 TTh, Pillsbury Hall 121, In Person Term Based; Peter Campion ; 4 cr.
 67998 002 LEC, 15:35-19:25 W, Ford Hall B60, In Person Term Based; Kimberley Todd ; 4 cr.

4205 Screenwriting

(Student Option No Audit; Prereq: One EngW or Engl 3xxx course, [permission number available in creative writing office])
 51858 001 LEC, 18:20-20:50 M, Ford Hall 155, In Person Term Based; Miriam Queensen ; 3 cr.

68332 002 LEC, 18:20-20:50 Th, Lind Hall 325, In Person Term Based; Miriam Queensen ; 3 cr.

5130 Topics in Advanced Creative Writing (Student Option; Prereq: instr consent)

67121 001 LEC, 15:35-18:05 T, Lind Hall 207A, In Person Term Based; Meets With: 001 ENGL 5090; V.V. Ganesananthan ; 4 cr.

5701 Great River Review

(Student Option;)
 52259 001 LAB, 16:40-19:10 M, Ford Hall B60, In Person Term Based; Meets With: 001 ENGL 5701; Peter Campion ; 4 cr.

5993 Directed Study in Writing

(Student Option; Prereq-instr consent, dept consent, college consent.)
 48933 001 IND, In Person Term Based; Peter Campion ; 1-4 cr.
 52369 003 IND, In Person Term Based; Ramon Gonzalez ; 1-4 cr.
 52370 004 IND, In Person Term Based; Julie Schumacher ; 1-4 cr.
 52371 005 IND, In Person Term Based; Kimberley Todd ; 1-4 cr.
 52372 006 IND, In Person Term Based; Miriam Queensen ; 1-4 cr.
 52373 007 IND, In Person Term Based; Charles Baxter ; 1-4 cr.

8110 Seminar: Writing of Fiction

(Student Option; Prereq: dept consent)
 50323 001 LEC, 15:35-18:05 W, Lind Hall 207A, In Person Term Based; Charles Baxter ; 4 cr.

8120 Seminar: Writing of Poetry

(Student Option; Prereq: dept consent)
 67123 001 LEC, 15:35-18:05 Th, Lind Hall 216, In Person Term Based; Ramon Gonzalez ; 4 cr.

8130 Seminar: Writing of Literary Nonfiction

(Student Option; Prereq: dept consent)
 67124 001 LEC, 15:35-18:05 T, Lind Hall 202, In Person Term Based; Kimberley Todd ; 4 cr.

8170 MFA Practicum: EngW 1101W

(S-N only; Prereq: Creative writing MFA student, instr consent)
 50601 001 FWK, 13:00-15:20 W, Pillsbury Hall 121, In Person Term Based; V.V. Ganesananthan ; 1-3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
 49542 001 IND, In Person Term Based; 1 cr.

8990 MFA Creative Thesis

(Student Option; Prereq: 8140, 8150, 8160, creative writing MFA student, instr consent)
 49378 001 IND, 00:00-00:00 , In Person Term Based; 2-8 cr.
 49523 002 IND, 00:00-00:00 , In Person Term Based; 2-8 cr.

Entomology (ENT)

1901 Zika Virus and Transgenic Mosquitoes

(A-F only;)
 68113 001 LEC, 13:00-14:00 W, Hodson Hall 485, In Person Term Based; Ann Fallon ; 1 cr.

4015 Ornamentals and Turf Entomology

(Student Option; Prereq: 1xxx course in biol or hort or forest resources)
 53099 002 LAB, 11:45-12:35 T, Hodson Hall 480, In Person Term Based; Jeffrey Hahn ; 3 cr.
 53129 001 LEC, 10:15-11:30 TTh, Hodson Hall 490, In Person Term Based; Jeffrey Hahn ; 3 cr.

4096 Professional Experience Program: Internship

(S-N or Audit; Prereq: COAFES jr or sr, complete internship contract available in COAFES Career Services before enrolling, UC only, instr consent)
 53178 001 LEC, 00:00-00:00 , In Person Term Based; 1-3 cr.

5011 Insect Structure and Function

(A-F or Audit;)

53440 001 LEC, 9:35-11:30 TTh, Hodson Hall 485, In Person Term Based; Timothy Kurtti, Karen Mesce ; 4 cr.
 53441 002 LAB, 11:45-12:35 TTh, Hodson Hall 485, In Person Term Based; Timothy Kurtti, Karen Mesce ; 4 cr.

5051 Scientific Illustration of Insects

(Student Option;)
 68090 001 LEC, 17:10-18:40 M, Hodson Hall 485, 17:10-20:40 W, Hodson Hall 485, 17:10-20:40 MW, Coffey Hall 50, In Person Term Based; Ralph Holzenthal ; 3 cr.

5061 Insect Molecular Science

(Student Option; Prereq: [5011, basic genetics course] or instr consent)
 53319 001 LEC, 16:15-17:05 MW, Hodson Hall 485, In Person Term Based; Ann Fallon ; 2 cr.

5121 Applied Experimental Design

(Student Option; Prereq: Stat 5021 or equiv or instr consent)
 53232 001 LEC, 11:45-13:00 MW, McNeal Hall 395, In Person Term Based; Meets With: 001 AGRO 5121; Nancy Jo Ehke, Daniel Cariveau ; 4 cr.
 53233 002 DIS, 13:00-13:50 W, McNeal Hall 395, In Person Term Based; Meets With: 002 AGRO 5121; Nancy Jo Ehke, Daniel Cariveau ; 4 cr.

5126 Spatial and Temporal Analysis of Ecological Data

(A-F or Audit;)
 68115 001 LEC, 9:30-10:20 WF, Borlaug Hall 365, In Person Term Based; Brian Aukema ; 3 cr.
 68116 002 LAB, 10:30-12:30 F, Magrath Library 8, In Person Term Based; Brian Aukema ; 3 cr.

5361 Aquatic Insects

(A-F or Audit; Prereq: instr consent)
 53102 001 LEC, 15:00-16:15 MW, Hodson Hall 480, In Person Term Based; Leonard Ferrington ; 4 cr.
 53103 002 LAB, 16:30-18:20 MW, Hodson Hall 480, In Person Term Based; Leonard Ferrington ; 4 cr.

5900 Basic Entomology

(Student Option; Prereq: instr consent)
 52830 102 LEC, 00:00-00:00 , In Person Term Based; David Andow ; 1-6 cr.
 52831 103 LEC, 00:00-00:00 , In Person Term Based; Brian Aukema ; 1-6 cr.
 52832 105 LEC, 00:00-00:00 , In Person Term Based; Ann Fallon ; 1-6 cr.
 52833 106 LEC, 00:00-00:00 , In Person Term Based; Leonard Ferrington ; 1-6 cr.
 52834 107 LEC, 00:00-00:00 , In Person Term Based; George Heimpel ; 1-6 cr.
 52835 108 LEC, 00:00-00:00 , In Person Term Based; Ralph Holzenthal ; 1-6 cr.
 52836 109 LEC, 00:00-00:00 , In Person Term Based; William Hutchison ; 1-6 cr.
 52837 110 LEC, 00:00-00:00 , In Person Term Based; Stephen Kells ; 1-6 cr.
 52838 111 LEC, 00:00-00:00 , In Person Term Based; Vera Krischik ; 1-6 cr.
 52839 112 LEC, 00:00-00:00 , In Person Term Based; Timothy Kurtti ; 1-6 cr.
 52840 113 LEC, 00:00-00:00 , In Person Term Based; Karen Mesce ; 1-6 cr.
 52841 115 LEC, 00:00-00:00 , In Person Term Based; Ulrike Munderloh ; 1-6 cr.
 52842 116 LEC, 00:00-00:00 , In Person Term Based; Kenneth Ostie ; 1-6 cr.
 52843 117 LEC, 00:00-00:00 , In Person Term Based; Marla Spivak ; 1-6 cr.
 53095 119 LEC, 00:00-00:00 , In Person Term Based; Daniel Cariveau ; 1-6 cr.
 53114 120 LEC, 00:00-00:00 , In Person Term Based; Christopher Phillips ; 1-6 cr.
 53115 121 LEC, 00:00-00:00 , In Person Term Based; Robert Venette ; 1-6 cr.
 53183 101 LEC, In Person Term Based; Robin Thomson ; 1-6 cr.

5910 Special Problems in Entomology

(Student Option; Prereq: instr consent)
 52844 101 LEC, In Person Term Based; Robin Thomson ; 1-6 cr.
 52845 102 LEC, 00:00-00:00 , In Person Term Based; David Andow ; 1-6 cr.
 52846 103 LEC, 00:00-00:00 , In Person Term Based; Brian Aukema ; 1-6 cr.
 52847 105 LEC, 00:00-00:00 , In Person Term Based; Ann Fallon ; 1-6 cr.
 52848 106 LEC, 00:00-00:00 , In Person Term Based; Leonard Ferrington ; 1-6 cr.

52849 107 LEC, 00:00-00:00 , , In Person Term Based; George Heimpel ; 1-6 cr.
 52850 108 LEC, 00:00-00:00 , , In Person Term Based; Ralph Holzenthal ; 1-6 cr.
 52851 109 LEC, 00:00-00:00 , , In Person Term Based; William Hutchison ; 1-6 cr.
 52852 110 LEC, 00:00-00:00 , , In Person Term Based; Stephen Kells ; 1-6 cr.
 52853 111 LEC, 00:00-00:00 , , In Person Term Based; Vera Krischik ; 1-6 cr.
 52854 112 LEC, 00:00-00:00 , , In Person Term Based; Timothy Kurtti ; 1-6 cr.
 52855 113 LEC, 00:00-00:00 , , In Person Term Based; Karen Mesce ; 1-6 cr.
 52856 115 LEC, 00:00-00:00 , , In Person Term Based; Ulrike Munderloh ; 1-6 cr.
 52857 116 LEC, 00:00-00:00 , , In Person Term Based; Kenneth Ostlie ; 1-6 cr.
 52858 117 LEC, 00:00-00:00 , , In Person Term Based; Marla Spivak ; 1-6 cr.
 53096 119 LEC, 00:00-00:00 , , In Person Term Based; Daniel Cariveau ; 1-6 cr.
 53116 120 LEC, 00:00-00:00 , , In Person Term Based; Christopher Phillips ; 1-6 cr.
 53117 121 LEC, 00:00-00:00 , , In Person Term Based; Robert Venette ; 1-6 cr.

5920 Special Lectures in Entomology

(S-N only;)
 68782 001 LAB, 16:30-18:30 M, McNeal Hall 395, In Person Term Based; Daniel Cariveau ; 1-4 cr.

8006 Supervised Laboratory or Extension Teaching Experience

(A-F or Audit; Prereq: 3005 or equiv or instr consent)
 70223 001 FWK, In Person Term Based; Sujaya Rao ; 1-3 cr.

8300 Graduate Seminar

(S-N or Audit; Prereq: instr consent)
 52871 010 LEC, 15:00-16:55 T, Hodson Hall 490, In Person Term Based; Brian Aukema ; 1-2 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
 53019 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
 53036 001 IND, In Person Term Based; 1 cr.

8594 Research in Entomology

(S-N or Audit;)
 52924 101 IND, 00:00-00:00 , , In Person Term Based; Robin Thomson ; 1-16 cr.
 52925 102 IND, 00:00-00:00 , , In Person Term Based; David Andow ; 1-16 cr.
 52926 103 IND, 00:00-00:00 , , In Person Term Based; Brian Aukema ; 1-16 cr.
 52927 104 IND, 00:00-00:00 , , In Person Term Based; Ann Fallon ; 1-16 cr.
 52928 105 IND, 00:00-00:00 , , In Person Term Based; George Heimpel ; 1-16 cr.
 52929 106 IND, 00:00-00:00 , , In Person Term Based; Ralph Holzenthal ; 1-16 cr.
 52930 107 IND, 00:00-00:00 , , In Person Term Based; William Hutchison ; 1-16 cr.
 52931 108 IND, 00:00-00:00 , , In Person Term Based; Stephen Kells ; 1-16 cr.
 52932 109 IND, 00:00-00:00 , , In Person Term Based; Vera Krischik ; 1-16 cr.
 52933 110 IND, 00:00-00:00 , , In Person Term Based; Timothy Kurtti ; 1-16 cr.
 52934 111 IND, 00:00-00:00 , , In Person Term Based; Karen Mesce ; 1-16 cr.
 52935 113 IND, 00:00-00:00 , , In Person Term Based; Ulrike Munderloh ; 1-16 cr.
 52936 114 IND, 00:00-00:00 , , In Person Term Based; Kenneth Ostlie ; 1-16 cr.
 52937 115 IND, 00:00-00:00 , , In Person Term Based; Marla Spivak ; 1-16 cr.
 52938 116 IND, 00:00-00:00 , , In Person Term Based; Daniel Cariveau ; 1-16 cr.
 52939 117 IND, 00:00-00:00 , , In Person Term Based; Robert Koch ; 1-16 cr.
 52940 118 IND, 00:00-00:00 , , In Person Term Based; Robert Venette ; 1-16 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined

cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
 53054 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; minimum of 10 cr required [Plan A only])
 53066 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
 53086 001 IND, In Person Term Based; 1-24 cr.

Entrepreneurship (ENTR)

6020 Business Formation

(A-F only; Prereq: MBA student)
 54026 060 LEC, 17:45-21:05 W, Carlson School of Mgmt 1-143, In Person Term Based; Alan Fine ; 4 cr.

6036 Managing the Growing Business

(A-F only; Prereq: MBA student)
 53823 060 LEC, 17:45-21:05 M, Carlson School of Mgmt 1-142, In Person Term Based; Anne Cohen ; 2 cr.

6042 Implementing New Product Design and Business Development

(A-F only; Prereq: MBA student)
 54098 060 LEC, 17:00-20:20 W, Hanson Hall 1-109, In Person Term Based; Meets With: 001 ME 8222001 BMEN 8402; Daniel Forbes, William Durfee, Arthur Erdman ; 4 cr.

Environment Sci, Policy, Mgmt (ESPM)

1011 Issues in the Environment

(Student Option; ENV)
 52948 001 LEC, 11:45-13:00 TTh, Ruttan Hall B45, In Person Term Based; Joe Knight, Charlie Blinn, Brandy Toner, Dylan Millet ; 3 cr.

1012H Environmental Science and Society

(A-F only; ENV)
 53337 001 LEC, 14:30-15:45 MW, Bruininks Hall 131A, In Person Term Based; Robin Thomson ; 3 cr.

1202 People, Land, and Water: Systems Under Stress

(A-F only; HIS)
 68793 001 LEC, 15:00-18:00 T, Kaufert Laboratory 302, In Person Term Based; Jay Bell, Patrick Nunnally ; 3 cr.

1425 Introduction to Weather and Climate

(Student Option; ENV,PHYS)
 52887 001 LEC, 15:35-16:25 MWF, Bruininks Hall 412, In Person Term Based; Meets With: 001 GEOG 1425; Tracy Twine, Peter Snyder ; 4 cr.

53182 002 LAB, 16:40-17:30 M, Bruininks Hall 412, In Person Term Based; Meets With: 002 GEOG 1425; Tracy Twine, Peter Snyder ; 4 cr.

53248 003 LAB, 16:40-17:30 W, Bruininks Hall 412, In Person Term Based; Meets With: 003 GEOG 1425; Tracy Twine, Peter Snyder ; 4 cr.

2021 Environmental Sciences: Integrated Problem Solving

(A-F or Audit; Prereq: 1011, ESPM major)
 53255 001 LEC, 15:00-16:15 TTh, Biological Sciences Ctr 64, In Person Term Based; Mae Davenport ; 3 cr.

3000 Seminar on Current Issues for ESPM

(A-F or Audit; Prereq: Jr)
 68556 001 LEC, 12:50-13:40 F, Green Hall 203, In Person Term Based; Kyungsoo Yoo ; 1 cr.

3011W Ethics in Natural Resources

(Student Option; WI,CIV)
 52904 001 LEC, 13:30-14:45 TTh, Green Hall 110, In Person Term Based; Robert Blair ; 3 cr.

3012 Statistical Methods for Environmental Scientists and Managers

(A-F or Audit; Prereq: Two yrs of high school mathMATH)
 53364 001 LEC, 11:45-13:00 MW, Green Hall 203, In Person Term Based; Matthew Russell ; 4 cr.

53365 002 LAB, 16:05-18:00 W, Skok Hall 35, In Person Term Based; Matthew Russell ; 4 cr.

53366 003 LAB, 16:05-18:00 W, Green Hall 210A, In Person Term Based; Matthew Russell ; 4 cr.

3031 Applied Global Positioning Systems for Geographic Information Systems

(A-F or Audit; Prereq: Intro GIS course)
 53166 001 LEC, 10:40-12:35 W, Skok Hall 35, 10:40-11:30 M, Skok Hall 35, In Person Term Based; Meets With: 001 ESPM 5031; Andrew Jenks, Paul Bolstad ; 3 cr.

3111 Hydrology and Water Quality Field Methods

(A-F or Audit;)
 53143 001 LEC, 15:00-18:00 Th, Biosystems & Ag Eng Bldg 106, In Person Term Based; Meets With: 001 ESPM 5111; Joe Magner ; 3 cr.

3131 Environmental Physics

(A-F or Audit; Prereq: Phys 1101)
 53151 001 LEC, 10:15-11:30 TTh, Borlaug Hall 375, In Person Term Based; D Mulla ; 3 cr.

3202W Environmental Conflict Management, Leadership, and Planning

(A-F or Audit; WI)
 52962 001 LEC, 9:35-11:30 W, Plant Growth Facility 140A/B, 10:40-11:30 M, Plant Growth Facility 140A/B, In Person Term Based; Meets With: 001 ESPM 5202; Kristen Nelson ; 3 cr.

3211 Survey, Measurement, and Modeling for Environmental Analysis

(Student Option; Prereq: [MATH 1031 or MATH 1051], [3012 or FW 4001 or STAT 3011 or SOC 3811], computer competency)
 53371 001 LEC, 11:45-13:00 TTh, Green Hall 203, In Person Term Based; Meets With: 001 ESPM 5211; David Wilson ; 3 cr.

3221 Soil Conservation and Land-Use Management

(Student Option; Prereq: SOIL 2125 or instr consent)
 52885 001 LEC, 8:30- 9:20 MW, Borlaug Hall 375, In Person Term Based; Daniel Wheeler ; 3 cr.
 52886 002 DIS, 8:30- 9:20 F, Borlaug Hall 375, In Person Term Based; Daniel Wheeler ; 3 cr.

3241W Natural Resource and

Environmental Policy
 (Student Option; CIV,WI,SOCs)
 52890 001 LEC, 10:15-11:30 TTh, Green Hall 110, In Person Term Based; Meets With: 001 ESPM 5241; Forrest Fleischman ; 3 cr.

3261 Economics and Natural Resources Management

(A-F or Audit; Prereq: MATH 1031 or MATH 1051 or MATH 1142 or MATH 1155 or MATH 1271 or ESPM 3012 or STAT 3011 or Soc 3811 or equiv ENV,SOCs)
 53444 001 LEC, 12:50-14:45 MW, Green Hall 110, In Person Term Based; Meets With: 001 ESPM 5261; Mike Kilgore ; 4 cr.

3480 Topics in Natural Resources

(Student Option;)
 53299 001 LEC, 9:35-11:15 F, Skok Hall 35, In Person Term Based; Meets With: 001 ESPM 5480; Joe Knight ; 1-4 cr.

3575 Wetlands

(Student Option;)
 53163 001 LEC, 16:30-17:45 MW, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 ESPM 5575; Susan Galatowitsch, Jay Bell ; 3 cr.

3601 Sustainable Housing--Community, Environment, and Technology

(A-F or Audit; TS)
 53010 001 LEC, Completely Online; Meets With: 001 HSG 3482; 3 cr.

3602 Regulations and Corporate Environmental Management

(A-F only; Prereq: APEC 1101 or ECON 1101 or 3261W)
 53241 001 LEC, 16:00-18:30 M, Biosystems & Ag Eng Bldg 106, In Person Term Based; Meets With: 001 ESPM 5602; Leo Raudys ; 3 cr.

3605 Recycling: Extending Raw Materials

(A-F only; TS)

53245 001 LEC, Completely Online; Meets With: 001 ESPM 5605; Brett Barney ; 3 cr.

3607 Natural Resources Consumption and Sustainability

(A-F only; GP)

52947 001 LEC, 10:40-11:55 MW, Borlaug Hall 335, In Person Term Based; Natalie Hunt ; 3 cr.

3777 Climate Change- Physics, Myths, Mysteries, and Uncertainties

(A-F only; Prerequisite required for this course, but first year calculus and one other first year science course is recommended.)

69808 001 LEC, 13:30-14:45 TTh, Soils S415, In Person Term Based; Timothy Griffis ; 3 cr.

4021W Problem Solving: Environmental Review

(Student Option; Prereq: ESPM 2021 and jr or srWI)

52811 001 FWK, 13:30-14:45 MW, Kaufert Laboratory 302, In Person Term Based; Ed Nater, Karen Ballen ; 4 cr.

4093 Directed Study

(Student Option; Prereq: instr consent)

53149 001 LEC, 00:00-00:00 , , In Person Term Based; Carl Rosen ; 1-7 cr.

53273 002 LEC, 00:00-00:00 , , In Person Term Based; Claire Bleser ; 1-7 cr.

53275 003 LEC, 00:00-00:00 , , In Person Term Based; Terence Cooper ; 1-7 cr.

53300 004 LEC, 00:00-00:00 , , In Person Term Based; Joe Knight ; 1-7 cr.

53318 005 LEC, 00:00-00:00 , , In Person Term Based; Ed Nater ; 1-7 cr.

53385 006 LEC, 00:00-00:00 , , In Person Term Based; Kristen Nelson ; 1-7 cr.

4094 Directed Research

(Student Option; Prereq: instr consent)

53150 001 LEC, 00:00-00:00 , , In Person Term Based; Carl Rosen ; 1-7 cr.

53387 002 LEC, 00:00-00:00 , , In Person Term Based; Joe Knight ; 1-7 cr.

53388 003 LEC, 00:00-00:00 , , In Person Term Based; Kristen Nelson ; 1-7 cr.

4601 Environmental Pollution

(Student Option; Prereq: SOIL 2125, CHEM 1061 and 1062 or equiv, or permission)

53517 001 LEC, 10:15-11:30 MW, Ecology Building 170, In Person Term Based; Ed Nater ; 3 cr.

4607 Industrial Biotechnology and the Environment

(A-F only; Prereq: BIOL 1009, CHEM 1021)

53438 001 LEC, 16:30-17:45 TTh, Alderman Hall 415, In Person Term Based; Meets With: 001 ESPM 5607; Simo Sarkanen ; 3 cr.

4811 Environmental Interpretation

(A-F or Audit;)

52943 001 LEC, 17:10-20:10 T, Green Hall 19, In Person Term Based; Meets With: 001 ESPM 5811; Stephan Carlson ; 3 cr.

5031 Applied Global Positioning Systems for Geographic Information Systems

(A-F or Audit; Prereq: Grad student or instr consent)

53167 001 LEC, 10:40-12:35 W, Skok Hall 35, 10:40-11:30 M, Skok Hall 35, In Person Term Based; Meets With: 001 ESPM 3031; Andrew Jenks, Paul Bolstad ; 3 cr.

5111 Hydrology and Water Quality Field Methods

(A-F or Audit; Prereq: Grad student or instr consent)

53144 001 LEC, 15:00-18:00 Th, Biosystems & Ag Eng Bldg 106, In Person Term Based; Meets With: 001 ESPM 3111; Joe Magner ; 3 cr.

5202 Environmental Conflict Management, Leadership, and Planning

(A-F or Audit;)

52961 001 LEC, 9:35-11:30 W, Plant Growth Facility 140A/B, 10:40-11:30 M, Plant Growth Facility 140A/B, In Person Term Based; Meets With: 001 ESPM 3202W; Kristen Nelson ; 3 cr.

5211 Survey, Measurement, and Modeling for Environmental Analysis

(Student Option;)

68921 001 LEC, 11:45-13:00 TTh, Green Hall 203, In Person Term Based; Meets With: 001 ESPM 3211; David Wilson ; 3 cr.

5241 Natural Resource and Environmental Policy

(Student Option; Prereq: Grad student or instr consent)

52957 001 LEC, 10:15-11:30 TTh, Green Hall 110, In Person Term Based; Meets With: 001 ESPM 3241W; Forrest Fleischman ; 3 cr.

5261 Economics and Natural Resources Management

(A-F or Audit;)

53445 001 LEC, 12:50-14:45 MW, Green Hall 110, In Person Term Based; Meets With: 001 ESPM 3261; Mike Kilgore ; 4 cr.

5480 Topics in Natural Resources

(Student Option;)

68412 001 LEC, 9:35-11:15 F, Skok Hall 35, In Person Term Based; Meets With: 001 ESPM 3480; Joe Knight ; 1-4 cr.

5575 Wetlands

(Student Option; Prereq: 3575, [sr or grad student or instr consent])

53399 001 LEC, 16:30-17:45 MW, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 ESPM 3575; Susan Galatowitsch, Jay Bell ; 3 cr.

5602 Regulations and Corporate Environmental Management

(A-F only; Prereq: APEC 1101 or ECON 1101)

53242 001 LEC, 16:00-18:30 M, Biosystems & Ag Eng Bldg 106, In Person Term Based; Meets With: 001 ESPM 3602; Leo Raudys ; 3 cr.

5605 Recycling: Extending Raw Materials Supplies

(A-F only;)

53246 001 LEC, Completely Online; Meets With: 001 ESPM 3605; Brett Barney ; 3 cr.

5607 Industrial Biotechnology and the Environment

(A-F only; Prereq: BIOL 1009, CHEM 1021)

53439 001 LEC, 16:30-17:45 TTh, Alderman Hall 415, In Person Term Based; Meets With: 001 ESPM 4607; Simo Sarkanen ; 3 cr.

5811 Environmental Interpretation

(A-F or Audit;)

53123 001 LEC, 17:10-20:10 T, Green Hall 19, In Person Term Based; Meets With: 001 ESPM 4811; Stephan Carlson ; 3 cr.

Experimental and Clinical Phar (ECP)**5220 Regulatory Issues in Drug Research**

(Student Option; Prereq: ECP grad student or Pharm.D. professional student or instr consent)

60303 001 LEC, 00:00-00:00 , , In Person Term Based; Angela Birnbaum ; 2 cr.

8100 Seminar

(Student Option; Prereq: ECP grad student or instr consent)

60271 001 LEC, 12:20-13:10 W, Moos Health Sci Tower 1-451, 12:20-13:10 W, Moos Health Sci Tower 1-451, 12:20-13:10 W, Moos Health Sci Tower 1-451, In Person Term Based; Meets With: 001 PHAR 6160; Swayam Prabha, ; 1-2 cr.

8220 Experimental and Clinical Pharmacology

(Student Option; Prereq: SACP grad major (ECP track) or instr consent)

60301 001 LEC, 00:00-00:00 , , In Person Term Based; Angela Birnbaum ; 3 cr.

8430 Advances in Pharmacometrics Modeling and Simulation

(S-N only; Prereq: Grad student in ECP or PHM or instr consent)

60304 001 DIS, 11:15-12:05 M, No Room Required, In Person Term Based; Richard Brundage ; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq-Doctoral student, adviser and DGS consent.)

70270 001 IND, In Person Term Based; ; 1 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

70042 001 IND, In Person Term Based; 1-24 cr.

8900 Advanced Topics in Experimental and Clinical Pharmacology

(Student Option; Prereq: ECP grad program or instr consent)

60270 001 IND, 00:00-00:00 , , In Person Term Based; Richard Brundage ; 1-4 cr.

8992 Directed Readings in Experimental and Clinical Pharmacology

(Student Option;)

70120 002 IND, In Person Term Based; Swayam Prabha ; 1-2 cr.

8993 Directed Study in Experimental and Clinical Pharmacology

(Student Option;)

60279 004 LEC, 00:00-00:00 , , In Person Term Based; Pamela Jacobson ; 1-4 cr.

60286 002 LEC, 00:00-00:00 , , In Person Term Based; Susan Marino ; 1-4 cr.

60290 001 LEC, 00:00-00:00 , , In Person Term Based; Richard Brundage ; 1-4 cr.

70289 005 LEC, In Person Term Based; James Cloyd ; 1-4 cr.

Family Med & Community Health (FMCH)**7200 Introduction to Residency in Family Medicine**

(H-N only;)

68357 011 ROT, In Person Term Based; 2 cr.

68358 012 ROT, In Person Term Based; ; 2 cr.

68359 021 ROT, In Person Term Based; ; 2 cr.

68360 022 ROT, In Person Term Based; ; 2 cr.

68361 031 ROT, In Person Term Based; ; 2 cr.

68362 032 ROT, In Person Term Based; ; 2 cr.

68363 041 ROT, In Person Term Based; ; 2 cr.

68364 042 ROT, In Person Term Based; ; 2 cr.

7500 Sub-internship in Family Medicine

(H-N only;)

59148 001 ROT, In Person Term Based; 4 cr.

68365 002 ROT, In Person Term Based; ; 4 cr.

68366 003 ROT, In Person Term Based; ; 4 cr.

68367 004 ROT, In Person Term Based; ; 4 cr.

7501 Rural Physician Associate Program (RPAP)

(H-N or Audit; Prereq: Med 7500, Obst 7500, USMLE Step 1 Passing Score)

58392 003 FWK, 00:00-00:00 , , In Person Term Based; Kathleen Brooks ; 2-6 cr.

58393 004 FWK, 00:00-00:00 , , In Person Term Based; Kathleen Brooks ; 2-6 cr.

7503 Preceptorship in Family Medicine Obstetrics

(H-N only;)

59149 021 ROT, In Person Term Based; 2 cr.

59255 022 ROT, In Person Term Based; 2 cr.

59256 031 ROT, In Person Term Based; 2 cr.

59257 032 ROT, In Person Term Based; 2 cr.

59258 041 ROT, In Person Term Based; 2 cr.

59259 042 ROT, In Person Term Based; 2 cr.

59263 011 ROT, In Person Term Based; 2 cr.

59264 012 ROT, In Person Term Based; 2 cr.

7511 Urban Community Ambulatory Medicine (UCAM)

(H-N only; Prereq: FMCH 7600 and FMCH 7700)

58222 019 ROT, 00:00-00:00 , , In Person Term Based; Christopher Reif, Timothy Rumsey, David Power ; 4 cr.

68714 003 ROT, In Person Term Based; 4 cr.

7512 Urban Community Ambulatory Medicine (UCAM)

(H-N or Audit; Prereq: 7511, InMd 5508, InMd 7509)

58260 020 FWK, In Person Term Based; 4 cr.

7516 Research in Human Sexuality**(H-N only) ;**

68715 001 IND, In Person Term Based; 2-4 cr.
 68716 011 IND, In Person Term Based; 2-4 cr.
 68717 012 IND, In Person Term Based; 2-4 cr.
 68718 002 IND, In Person Term Based; 2-4 cr.
 68719 021 IND, In Person Term Based; 2-4 cr.
 68720 022 IND, In Person Term Based; 2-4 cr.
 68721 003 IND, In Person Term Based; 2-4 cr.
 68722 031 IND, In Person Term Based; 2-4 cr.
 68723 032 IND, In Person Term Based; 2-4 cr.
 68724 004 IND, In Person Term Based; 2-4 cr.
 68725 041 IND, In Person Term Based; 2-4 cr.
 68726 042 IND, In Person Term Based; 2-4 cr.

7518 Inpatient Family Medicine**(H-N only; Prereq: FMCH 7600 or FMCH 7523; and MED 7500)**

59150 011 ROT, In Person Term Based; 2 cr.
 68368 012 ROT, In Person Term Based; ; 2 cr.
 68369 021 ROT, In Person Term Based; ; 2 cr.
 68370 022 ROT, In Person Term Based; ; 2 cr.
 68371 031 ROT, In Person Term Based; ; 2 cr.
 68372 032 ROT, In Person Term Based; ; 2 cr.
 68373 041 ROT, In Person Term Based; ; 2 cr.
 68374 042 ROT, In Person Term Based; ; 2 cr.

7519 Clinical Practice of Occupational Medicine**(H-N or Audit) ;**

58344 011 FWK, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; 2-4 cr.
 59075 008 FWK, In Person Term Based; 2-4 cr.
 59076 010 FWK, In Person Term Based; 2-4 cr.
 59077 007 FWK, In Person Term Based; 2-4 cr.
 59078 006 FWK, In Person Term Based; 2-4 cr.
 59079 005 FWK, In Person Term Based; 2-4 cr.
 59080 004 FWK, In Person Term Based; 2-4 cr.
 59081 003 FWK, In Person Term Based; 2-4 cr.
 59082 002 FWK, In Person Term Based; 2-4 cr.
 59083 001 FWK, In Person Term Based; 2-4 cr.
 59084 015 FWK, In Person Term Based; 2-4 cr.
 59085 014 FWK, In Person Term Based; 2-4 cr.
 59086 013 FWK, In Person Term Based; 2-4 cr.
 59087 012 FWK, In Person Term Based; 2-4 cr.

7520 Rural Rotation in Family Medicine**(H-N only) ;**

64912 001 ROT, In Person Term Based; 4 cr.
 68375 002 ROT, In Person Term Based; ; 4 cr.
 68376 003 ROT, In Person Term Based; ; 4 cr.
 68377 004 ROT, In Person Term Based; ; 4 cr.

7521 Topics in Immigrant Health**(H-N only) ;**

64913 001 ROT, In Person Term Based; 4 cr.
 68378 002 ROT, In Person Term Based; 4 cr.

7524 Rotation in Palliative Medicine and Hospice**(H-N only) ;**

59154 011 ROT, In Person Term Based; 2 cr.
 59322 012 ROT, In Person Term Based; 2 cr.
 59323 021 ROT, In Person Term Based; 2 cr.
 59324 022 ROT, In Person Term Based; 2 cr.
 59325 031 ROT, In Person Term Based; 2 cr.
 59326 032 ROT, In Person Term Based; 2 cr.
 59327 041 ROT, In Person Term Based; 2 cr.
 59328 042 ROT, In Person Term Based; 2 cr.

7525 Cardiovascular Medicine**(H-N only; Prereq: Med 7500)**

65638 011 ROT, In Person Term Based; 2 cr.
 65639 022 ROT, In Person Term Based; 2 cr.
 65640 012 ROT, In Person Term Based; 2 cr.
 65641 021 ROT, In Person Term Based; 2 cr.
 65642 031 ROT, In Person Term Based; H. Peter Cao ; 2 cr.
 65643 032 ROT, In Person Term Based; H. Peter Cao ; 2 cr.
 65644 041 ROT, In Person Term Based; H. Peter Cao ; 2 cr.
 68379 042 ROT, In Person Term Based; ; 2 cr.

7530 Preceptorship in Community Family Medicine**(H-N only) ;**

59156 021 ROT, In Person Term Based; 2 cr.
 59338 022 ROT, In Person Term Based; 2 cr.
 59339 031 ROT, In Person Term Based; 2 cr.
 59340 032 ROT, In Person Term Based; 2 cr.
 59341 041 ROT, In Person Term Based; 2 cr.
 59342 011 ROT, In Person Term Based; 2 cr.
 59343 012 ROT, In Person Term Based; 2 cr.
 59344 042 ROT, In Person Term Based; 2 cr.

7537 Sports Medicine**(H-N only) ;**

58457 003 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
 59088 002 ROT, In Person Term Based; 4 cr.
 59089 001 ROT, In Person Term Based; 4 cr.
 59090 004 ROT, In Person Term Based; 4 cr.

7538 Sports Medicine in Duluth**(P-N only) ;**

59157 001 ROT, In Person Term Based; 4 cr.
 59349 002 ROT, In Person Term Based; 4 cr.
 59350 003 ROT, In Person Term Based; 4 cr.
 68380 004 ROT, In Person Term Based; ; 4 cr.

7544 Outpatient-HIV Management in Family Medicine**(H-N only) ;**

59158 021 ROT, In Person Term Based; 2 cr.
 59351 041 ROT, In Person Term Based; 2 cr.

7560 Alcohol and Drug Addiction Treatment**(H-N only) ;**

59356 011 ROT, In Person Term Based; 2 cr.
 68381 012 ROT, In Person Term Based; 2 cr.
 68382 021 ROT, In Person Term Based; 2 cr.
 68383 022 ROT, In Person Term Based; 2 cr.
 68384 031 ROT, In Person Term Based; ; 2 cr.
 68385 032 ROT, In Person Term Based; ; 2 cr.
 68386 041 ROT, In Person Term Based; ; 2 cr.
 68387 042 ROT, In Person Term Based; ; 2 cr.

7585 Sexual Problems in Clinical Practice**(H-N only) ;**

59096 011 ROT, In Person Term Based; 2 cr.
 68388 012 ROT, In Person Term Based; ; 2 cr.
 68389 021 ROT, In Person Term Based; ; 2 cr.
 68390 022 ROT, In Person Term Based; ; 2 cr.
 68391 031 ROT, In Person Term Based; ; 2 cr.
 68392 032 ROT, In Person Term Based; ; 2 cr.
 68393 041 ROT, In Person Term Based; ; 2 cr.
 68394 042 ROT, In Person Term Based; ; 2 cr.

7595 Family Medicine Research**(H-N only) ;**

59160 099 IND, In Person Term Based; 2-8 cr.

7599 Family Medicine Independent Study**(H-N only) ;**

59161 099 IND, In Person Term Based; 2-8 cr.

7600 Family Medicine Four-Week Clerkship**(H-N only) ;**

58576 002 ROT, 7:00-15:15 W, Weaver-Densford Hall W2120, In Person Term Based; Christopher Fallert ; 4 cr.
 58741 003 ROT, 7:00-15:15 W, Weaver-Densford Hall W2120, In Person Term Based; Christopher Fallert ; 4 cr.
 68727 001 ROT, 7:00-15:15 W, Weaver-Densford Hall W2120, In Person Term Based; Christopher Fallert ; 4 cr.
 68728 004 ROT, 7:00-15:15 W, Weaver-Densford Hall W2120, In Person Term Based; Christopher Fallert ; 4 cr.

7700 Clerkship: Family Medicine Primary Care Selective**(P-N only) ;**

58767 002 ROT, In Person Term Based; Meets With: 001 MED 7700001 MED 7701001 PED 7700; 4 cr.

Family Social Science (FSOS)**1101 Intimate Relationships****(Student Option; SOCS)**

47360 001 LEC, 14:30-16:25 T, 10 Church Street SE 100, In Person Term Based; Tai Mendenhall ; 4 cr.
 47361 002 DIS, 14:30-16:25 Th, Peik Hall 28, In Person Term Based; 4 cr.
 47362 003 DIS, 14:30-16:25 Th, Burton Hall 120, In Person Term Based; 4 cr.
 47506 005 DIS, 14:30-16:45 Th, Tate Hall B20, In Person Term Based; Meets With: 006 FSOS 1101; Tai Mendenhall, Emily Jensen ; 4 cr.

1201 Human Development in Families:**Lifespan****(Student Option; DSJ,SOCS)**

48012 001 LEC, Completely Online; Lindsey Weiler ; 4 cr.

1211 An Interdisciplinary Look at the**Family in Multicultural America****(A-F or Audit; SOCS,DSJ)**

48616 001 DIS, 13:25-15:20 MW, Appleby Hall 226, In Person Term Based; Margaret Kelly ; 4 cr.

48617 002 DIS, 9:05-11:00 MW, Peik Hall 375, In Person Term Based; Margaret Kelly ; 4 cr.

1301 Cash or Credit: You Need to Know**(A-F only) ;**

47747 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Virginia Solis Zuiker ; 1 cr.

1461 Presentations at Work: Families, Communities, Nonprofits, and Schools**(A-F or Audit; CIV)**

48608 001 DIS, 8:00- 8:50 MWF, Appleby Hall 204, In Person Term Based; Jill Trites ; 3 cr.
 48609 002 DIS, 9:45-11:00 TTh, Blegen Hall 135, In Person Term Based; Jill Trites ; 3 cr.
 48610 003 DIS, 13:25-14:15 MWF, Peik Hall 165, In Person Term Based; Rhiannon Williams ; 3 cr.

2101 Preparation for Working With Families**(A-F or Audit) ;**

47888 001 LEC, 8:45-10:00 MW, Biological Sciences Ctr 64, In Person Term Based; Tabitha Grier-Reed ; 3 cr.

2103 Family Policy**(Student Option) ;**

47743 001 LEC, 13:30-14:45 TTh, Hodson Hall 495, In Person Term Based; Beth Magistad ; 3 cr.

2105 Methods in Family Research**(Student Option; Prereq: STAT 3011 or PSTL 1004 or STAT 1001 or ESPY 3264 or SOC 3811 or SOC 2550 or PSY 3801 or instr consent)**

47744 001 LEC, 10:15-11:30 TTh, Borlaug Hall 335, In Person Term Based; Martha Rueter ; 3 cr.

2106 Family Resource Management**(Student Option) ;**

48440 001 LEC, Completely Online; Beth Magistad ; 3 cr.

2107 Preparation for Family and Community Engagement**(Student Option) ;**

67104 001 DIS, 13:30-14:45 MW, Alderman Hall 415, In Person Term Based; Sara Axtell ; 3 cr.

2108 Preparation for Family Financial Studies: Money Matters in Families**(Student Option) ;**

67105 001 LEC, 15:00-16:15 MW, McNeal Hall 395, In Person Term Based; Joyce Serido ; 3 cr.

2191 Independent Study in Family Social Science**(Student Option; Prereq: Soph, instr consent)**

47368 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1-4 cr.
 47571 002 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-4 cr.
 47572 003 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-4 cr.
 47573 004 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-4 cr.
 47574 005 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-4 cr.
 47575 006 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-4 cr.
 47576 007 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-4 cr.
 47577 008 IND, 00:00-00:00 , , Independent/Directed Study; Beth Magistad ; 1-4 cr.
 47578 009 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-4 cr.
 47579 010 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-4 cr.
 47580 011 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1-4 cr.
 47581 012 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-4 cr.
 47582 013 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-4 cr.
 47583 014 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-4 cr.
 47584 015 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-4 cr.
 48130 016 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-4 cr.
 48153 017 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-4 cr.
 48156 018 IND, 00:00-00:00 , , Independent/Directed Study; Lindsey Weiler ; 1-4 cr.
 48296 019 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wielling ; 1-4 cr.
 48392 020 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1-4 cr.

48393 021 IND, Independent/Directed Study; Virginia Solis Zuiker ; 1-4 cr.

3101 Personal and Family Finances

(Student Option; Prereq: FSOS 4106 is a recommended prerequisite for this course.)

47364 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Virginia Solis Zuiker ; 3 cr.

3102 Family Systems and Diversity

(Student Option; Prereq: At least soph or instr consentSOCS,DSJ)

47363 001 LEC, Completely Online; Zha Xiong ; 3 cr.
48039 002 LEC, 11:45-13:00 TTh, Ruttan Hall B25, In Person Term Based; Catherine Solheim ; 3 cr.

3105 Technology in Parenting and Family Relationships

(Student Option; TS)

67236 001 LEC, 15:00-16:15 TT, Alderman Hall 415, In Person Term Based; Susan Walker ; 3 cr.

3191 Independent Study in Family Social Science

(Student Option; Prereq: Jr, instr consent)

47369 001 IND, 00:00-00:00 , Independent/Directed Study; Gerald August ; 1-5 cr.
47585 002 IND, 00:00-00:00 , Independent/Directed Study; Lynne Borden ; 1-5 cr.
47586 003 IND, 00:00-00:00 , Independent/Directed Study; William Doherty ; 1-5 cr.
47587 004 IND, 00:00-00:00 , Independent/Directed Study; Jodi Dworkin ; 1-5 cr.
47588 005 IND, 00:00-00:00 , Independent/Directed Study; Abigail Gewirtz ; 1-5 cr.
47589 006 IND, 00:00-00:00 , Independent/Directed Study; Tabitha Grier-Reed ; 1-5 cr.
47590 007 IND, 00:00-00:00 , Independent/Directed Study; Steven Harris ; 1-5 cr.
47591 008 IND, 00:00-00:00 , Independent/Directed Study; Beth Magistad ; 1-5 cr.
47592 009 IND, 00:00-00:00 , Independent/Directed Study; Jenifer McGuire ; 1-5 cr.
47593 010 IND, 00:00-00:00 , Independent/Directed Study; Tai Mendenhall ; 1-5 cr.
47594 011 IND, 00:00-00:00 , Independent/Directed Study; Cynthia Meyer ; 1-5 cr.
47595 012 IND, 00:00-00:00 , Independent/Directed Study; Timothy Piehler ; 1-5 cr.
47596 013 IND, 00:00-00:00 , Independent/Directed Study; Martha Rueter ; 1-5 cr.
47597 014 IND, 00:00-00:00 , Independent/Directed Study; Joyce Serido ; 1-5 cr.
47598 015 IND, 00:00-00:00 , Independent/Directed Study; Catherine Solheim ; 1-5 cr.
48131 016 IND, 00:00-00:00 , Independent/Directed Study; Marlene Stum ; 1-5 cr.
48157 017 IND, 00:00-00:00 , Independent/Directed Study; Susan Walker ; 1-5 cr.
48158 018 IND, 00:00-00:00 , Independent/Directed Study; Lindsey Weiler ; 1-5 cr.
48297 019 IND, 00:00-00:00 , Independent/Directed Study; Elizabeth Wieling ; 1-5 cr.
48394 020 IND, 00:00-00:00 , Independent/Directed Study; Zha Xiong ; 1-5 cr.
48395 021 IND, Independent/Directed Study; Virginia Solis Zuiker ; 1-5 cr.

3426 Alcohol and Drugs: Families and Culture

(Student Option;)

47365 001 LEC, Completely Online; Sara Axtell ; 3 cr.

3429 Counseling Skills Practicum I

(Student Option;)

48336 001 LEC, 13:30-14:45 TTh, McNeal Hall 395, In Person Term Based; Cynthia Meyer ; 3 cr.
67112 002 LEC, 8:45-10:00 MW, Ruttan Hall B30, In Person Term Based; Cynthia Meyer ; 3 cr.

3431 Counseling Skills Practicum II

(Student Option;)

67113 001 LEC, 8:45-10:00 TTh, McNeal Hall 395, In Person Term Based; Tai Mendenhall ; 3 cr.

4101 Sexuality and Gender in Families and Close Relationships

(Student Option; Prereq: At least jr or instr consent)

47507 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Cynthia Meyer ; 3 cr.

4104W Family Psychology

(Student Option; Prereq: At least jr or instr consentWI)

47500 001 LEC, 10:15-11:30 TTh, Borlaug Hall 365, In Person Term Based; Kristen Johnson ; 3 cr.

4107 Traumatic Stress and Resilience in Vulnerable Families Across the Lifespan

(Student Option;)

67115 001 LEC, 15:00-17:45 W, Ruttan Hall B25, In Person Term Based; Elizabeth Wieling ; 3 cr.

4108 Understanding and Working with Immigrants and Refugee Families

(Student Option; DSJ,SOCS)

67237 001 LEC, 10:15-11:30 MW, Ruttan Hall 143, In Person Term Based; Zha Xiong ; 3 cr.

4155 Parent-Child Relationships

(A-F or Audit; Prereq: At least jr or instr consent)

47418 001 LEC, 11:45-13:00 TTh, Hodson Hall 490, In Person Term Based; Rhiannon Williams ; 3 cr.

4160H Honors Capstone Project

(A-F only;)

47920 001 IND, 00:00-00:00 , Independent/Directed Study; Gerald August ; 1-4 cr.
47921 002 IND, 00:00-00:00 , Independent/Directed Study; Lynne Borden ; 1-4 cr.
47922 003 IND, 00:00-00:00 , Independent/Directed Study; William Doherty ; 1-4 cr.
47923 004 IND, 00:00-00:00 , Independent/Directed Study; Jodi Dworkin ; 1-4 cr.
47924 005 IND, 00:00-00:00 , Independent/Directed Study; Abigail Gewirtz ; 1-4 cr.
47925 006 IND, 00:00-00:00 , Independent/Directed Study; Tabitha Grier-Reed ; 1-4 cr.
47926 007 IND, 00:00-00:00 , Independent/Directed Study; Steven Harris ; 1-4 cr.
47927 008 IND, 00:00-00:00 , Independent/Directed Study; Beth Magistad ; 1-4 cr.
47928 009 IND, 00:00-00:00 , Independent/Directed Study; Jenifer McGuire ; 1-4 cr.
47929 010 IND, 00:00-00:00 , Independent/Directed Study; Tai Mendenhall ; 1-4 cr.
47930 011 IND, 00:00-00:00 , Independent/Directed Study; Cynthia Meyer ; 1-4 cr.
47931 012 IND, 00:00-00:00 , Independent/Directed Study; Timothy Piehler ; 1-4 cr.
47932 013 IND, 00:00-00:00 , Independent/Directed Study; Martha Rueter ; 1-4 cr.
47933 014 IND, 00:00-00:00 , Independent/Directed Study; Joyce Serido ; 1-4 cr.
47934 015 IND, 00:00-00:00 , Independent/Directed Study; Catherine Solheim ; 1-4 cr.
48132 016 IND, 00:00-00:00 , Independent/Directed Study; Marlene Stum ; 1-4 cr.
48160 017 IND, 00:00-00:00 , Independent/Directed Study; Susan Walker ; 1-4 cr.
48161 018 IND, 00:00-00:00 , Independent/Directed Study; Lindsey Weiler ; 1-4 cr.
48298 019 IND, 00:00-00:00 , Independent/Directed Study; Elizabeth Wieling ; 1-4 cr.
48396 020 IND, 00:00-00:00 , Independent/Directed Study; Zha Xiong ; 1-4 cr.

47930 011 IND, 00:00-00:00 , Independent/Directed Study; Cynthia Meyer ; 1-4 cr.

47931 012 IND, 00:00-00:00 , Independent/Directed Study; Timothy Piehler ; 1-4 cr.

47932 013 IND, 00:00-00:00 , Independent/Directed Study; Martha Rueter ; 1-4 cr.

47933 014 IND, 00:00-00:00 , Independent/Directed Study; Joyce Serido ; 1-4 cr.

47934 015 IND, 00:00-00:00 , Independent/Directed Study; Catherine Solheim ; 1-4 cr.

48132 016 IND, 00:00-00:00 , Independent/Directed Study; Marlene Stum ; 1-4 cr.

48160 017 IND, 00:00-00:00 , Independent/Directed Study; Susan Walker ; 1-4 cr.

48161 018 IND, 00:00-00:00 , Independent/Directed Study; Lindsey Weiler ; 1-4 cr.

48298 019 IND, 00:00-00:00 , Independent/Directed Study; Elizabeth Wieling ; 1-4 cr.

48396 020 IND, 00:00-00:00 , Independent/Directed Study; Zha Xiong ; 1-4 cr.

47612 015 IND, 00:00-00:00 , Independent/Directed Study; Catherine Solheim ; 1-4 cr.

48133 016 IND, 00:00-00:00 , Independent/Directed Study; Marlene Stum ; 1-4 cr.

48162 017 IND, 00:00-00:00 , Independent/Directed Study; Susan Walker ; 1-4 cr.

48163 018 IND, 00:00-00:00 , Independent/Directed Study; Lindsey Weiler ; 1-4 cr.

48299 019 IND, 00:00-00:00 , Independent/Directed Study; Elizabeth Wieling ; 1-4 cr.

48398 020 IND, 00:00-00:00 , Independent/Directed Study; Zha Xiong ; 1-4 cr.

48399 021 IND, 00:00-00:00 , Independent/Directed Study; Virginia Solis Zuiker ; 1-4 cr.

4294 Research Internship

(Student Option; Prereq: [FSOS major, at least jr] or instr consent)

47370 001 IND, 00:00-00:00 , Independent/Directed Study; Gerald August ; 1-4 cr.
47613 002 IND, 00:00-00:00 , Independent/Directed Study; Lynne Borden ; 1-4 cr.
47614 003 IND, 00:00-00:00 , Independent/Directed Study; William Doherty ; 1-4 cr.
47615 004 IND, 00:00-00:00 , Independent/Directed Study; Jodi Dworkin ; 1-4 cr.
47616 005 IND, 00:00-00:00 , Independent/Directed Study; Abigail Gewirtz ; 1-4 cr.
47618 007 IND, 00:00-00:00 , Independent/Directed Study; Steven Harris ; 1-4 cr.
47620 009 IND, 00:00-00:00 , Independent/Directed Study; Jenifer McGuire ; 1-4 cr.
47621 010 IND, 00:00-00:00 , Independent/Directed Study; Tai Mendenhall ; 1-4 cr.
47622 011 IND, 00:00-00:00 , Independent/Directed Study; Cynthia Meyer ; 1-4 cr.
47623 012 IND, 00:00-00:00 , Independent/Directed Study; Timothy Piehler ; 1-4 cr.
47624 013 IND, 00:00-00:00 , Independent/Directed Study; Martha Rueter ; 1-4 cr.
47625 014 IND, 00:00-00:00 , Independent/Directed Study; Joyce Serido ; 1-4 cr.
47626 015 IND, 00:00-00:00 , Independent/Directed Study; Catherine Solheim ; 1-4 cr.
48134 016 IND, 00:00-00:00 , Independent/Directed Study; Marlene Stum ; 1-4 cr.
48164 017 IND, 00:00-00:00 , Independent/Directed Study; Susan Walker ; 1-4 cr.
48165 018 IND, 00:00-00:00 , Independent/Directed Study; Lindsey Weiler ; 1-4 cr.
48300 019 IND, 00:00-00:00 , Independent/Directed Study; Elizabeth Wieling ; 1-4 cr.
48400 020 IND, 00:00-00:00 , Independent/Directed Study; Zha Xiong ; 1-4 cr.
48401 021 IND, 00:00-00:00 , Independent/Directed Study; Virginia Solis Zuiker ; 1-4 cr.

4296 Field Study: Working With Families

(S-N or Audit; Prereq: 2101 or instr consent)

47358 001 FVK, 10:15-12:15 F, McNeal Hall 310, In Person Term Based; Sara Axtell ; 1-12 cr.

5014 Quantitative Family Research Methods I

(Student Option; Prereq: Grad student or instr consent)

48505 001 LEC, 10:15-11:30 TTh, McNeal Hall 395, In Person Term Based; Timothy Piehler ; 3 cr.

5015 Family Research Laboratory

(S-N or Audit; Prereq: Grad student or instr consent)

48506 001 LAB, 8:45- 9:45 T, Lrng & Environmental Sci 220, In Person Term Based; Cathy Schulz ; 1 cr.

5150 Special Topics in Family Social Science

(Student Option; Prereq: instr consent)

67122 001 LEC, 10:15-13:00 T, McNeal Hall 375, In Person Term Based; Tabitha Grier-Reed ; 1-4 cr.

5193 Directed Study in Family Social Science

(Student Option; Prereq: FSoS or grad student in related field)

47378 001 IND, 00:00-00:00 , Independent/Directed Study; Gerald August ; 1-6 cr.
47640 002 IND, 00:00-00:00 , Independent/Directed Study; Sara Axtell ; 1-6 cr.
47641 003 IND, 00:00-00:00 , Independent/Directed Study; Lynne Borden ; 1-6 cr.
47642 004 IND, 00:00-00:00 , Independent/Directed Study; William Doherty ; 1-6 cr.
47643 005 IND, 00:00-00:00 , Independent/Directed Study; Jodi Dworkin ; 1-6 cr.
47644 006 IND, 00:00-00:00 , Independent/Directed Study; Abigail Gewirtz ; 1-6 cr.

47645 007 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-6 cr.
 47646 008 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-6 cr.
 47647 009 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-6 cr.
 47648 010 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-6 cr.
 47649 011 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1-6 cr.
 47650 012 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-6 cr.
 47651 013 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-6 cr.
 47652 014 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-6 cr.
 47653 015 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-6 cr.
 47654 016 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-6 cr.
 47826 017 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-6 cr.
 47964 018 IND, 00:00-00:00 , , Independent/Directed Study; Lindsey Weiler ; 1-6 cr.
 48301 019 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wieling ; 1-6 cr.
 48403 020 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1-6 cr.
 48404 021 IND, 00:00-00:00 , , Independent/Directed Study; Virginia Solis Zuiker ; 1-6 cr.

5426 Alcohol and Drugs: Families and Culture

(Student Option;)
 48700 001 LEC, Completely Online; Sara Axtell ; 3 cr.

5702 Prevention Science Research Methodology

(A-F or Audit;)
 48550 001 DIS, 16:30-17:45 TTh, McNeal Hall 375, In Person Term Based; Timothy Piehler ; 3 cr.

5703 New Topics in Prevention: Implementation and Dissemination

(A-F or Audit;)
 48551 001 DIS, 13:30-16:15 W, McNeal Hall 375, In Person Term Based; Meets With: 001 PREV 8003; Gerald August ; 3 cr.

5937 Parent-Child Interaction

(A-F only;)
 48166 001 LEC, 19:00-19:50 W, ONLINE, Completely Online; Heather Cline ; 3 cr.

5942 Everyday Experiences of Families

(A-F only;)
 48167 001 LEC, 20:00-20:50 Th, ONLINE, Completely Online; Lynn Englund ; 2 cr.

5943 Parent Learning and Development: Implications for Parent Education

(A-F only;)
 48168 001 LEC, 20:00-20:50 Th, ONLINE, Completely Online; Heather Cline ; 2 cr.

5946 Assessment and Evaluation in Parent Education

(A-F only; Prereq: 5943, 5944, or instr consent)
 48169 001 DIS, 19:00-19:50 Th, ONLINE, Completely Online; Susan Walker ; 2 cr.

5949 Student Teaching in Parent Education

(A-F only; Prereq: Application for student teaching; FSoS 5937, 5942, 5943, 5944, 5945.)
 48170 001 FWK, 20:00-20:50 W, ONLINE, Completely Online; Heather Cline ; 2 cr.

8002 Advanced Family Conceptual Frameworks

(A-F only; Prereq: 8001 or instr consent)
 48333 001 DIS, 8:45-11:30 W, McNeal Hall 375, In Person Term Based; Catherine Solheim ; 3 cr.

8015 Advanced Qualitative Family Research Methods

(A-F only; Prereq: 8013 or instr consent)
 67130 001 DIS, 8:45-11:30 M, McNeal Hall 375, In Person Term Based; Elizabeth Wieling ; 3 cr.

8101 Family Stress, Coping, and Adaptation

(Student Option; Prereq: 8001 or equiv, research methods course)
 48445 001 LEC, 13:30-16:15 M, McNeal Hall 375, In Person Term Based; William Doherty ; 3 cr.

8193 Directed Study in Family Social Science

(Student Option; Prereq: Doctoral student in FSoS or related field)
 47379 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1-6 cr.
 47655 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1-6 cr.
 47656 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-6 cr.
 47657 004 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-6 cr.
 47658 005 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-6 cr.
 47659 006 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-6 cr.
 47660 007 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-6 cr.
 47661 008 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-6 cr.
 47662 009 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-6 cr.
 47663 010 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-6 cr.
 47664 011 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1-6 cr.
 47665 012 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-6 cr.
 47666 013 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-6 cr.
 47667 014 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-6 cr.
 47808 015 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-6 cr.
 47815 016 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-6 cr.
 47969 017 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-6 cr.
 48135 018 IND, 00:00-00:00 , , Independent/Directed Study; Lindsey Weiler ; 1-6 cr.
 48302 019 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wieling ; 1-6 cr.
 48405 020 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1-6 cr.
 48406 021 IND, 00:00-00:00 , , Independent/Directed Study; Virginia Solis Zuiker ; 1-6 cr.

8295 Couple/Marriage Family Therapy Practicum

(S-N only;)
 47366 001 FWK, 18:00-20:45 M, McNeal Hall 377, In Person Term Based; Steven Harris ; 1-6 cr.

8296 Couple/ Marriage Family Therapy Internship

(S-N only; Prereq: FSOS doctoral student enrolled in Couple Family Therapy (CFT) or instr consent)
 47367 001 FWK, 00:00-00:00 , , In Person Term Based; Steven Harris ; 1-12 cr.
 48543 002 FWK, In Person Term Based; Elizabeth Wieling ; 1-12 cr.
 48544 003 FWK, In Person Term Based; Tai Mendenhall ; 1-12 cr.
 48545 004 FWK, In Person Term Based; Lindsey Weiler ; 1-12 cr.

8297 Supervision of Supervision

(S-N or Audit; Prereq: MFT student, instr consent)
 47489 001 FWK, 00:00-00:00 , , In Person Term Based; Elizabeth Wieling ; 1-3 cr.

8333 FTE: Masters

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
 47689 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1 cr.
 47690 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1 cr.
 47691 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1 cr.
 47692 004 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1 cr.
 47693 005 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1 cr.
 47694 006 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1 cr.
 47695 007 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1 cr.
 47696 008 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1 cr.

47697 009 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1 cr.
 47698 010 IND, 00:00-00:00 , , In Person Term Based; Tai Mendenhall ; 1 cr.
 47699 011 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1 cr.
 47700 012 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1 cr.
 47701 013 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1 cr.
 47702 014 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1 cr.
 47703 015 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1 cr.
 48136 016 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1 cr.
 48334 017 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1 cr.
 48335 018 IND, 00:00-00:00 , , In Person Term Based; Lindsey Weiler ; 1 cr.
 48337 019 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wieling ; 1 cr.
 48407 020 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1 cr.
 48408 021 IND, 00:00-00:00 , , Independent/Directed Study; Virginia Solis Zuiker ; 1 cr.

8444 FTE: Doctoral (No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

47704 001 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1 cr.
 47705 002 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1 cr.
 47706 003 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1 cr.
 47707 004 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1 cr.
 47708 005 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1 cr.
 47709 006 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1 cr.
 47710 007 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1 cr.
 47711 008 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1 cr.
 47712 009 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1 cr.
 47713 010 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1 cr.
 47714 011 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wieling ; 1 cr.
 47715 012 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1 cr.
 48672 013 IND, Independent/Directed Study; Virginia Solis Zuiker ; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
 47716 001 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-6 cr.
 47717 002 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-6 cr.
 47718 003 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-6 cr.
 47719 004 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-6 cr.
 47720 005 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-6 cr.
 47721 006 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-6 cr.
 47722 007 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-6 cr.
 47723 008 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-6 cr.
 47724 009 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-6 cr.
 47725 010 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-6 cr.
 47782 011 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wieling ; 1-6 cr.
 47869 012 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1-6 cr.
 48673 013 IND, Independent/Directed Study; Virginia Solis Zuiker ; 1-6 cr.

8755 Master's Paper: Plan B Project (S-N or Audit; Prereq: FSoS MA student)

47377 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1-6 cr.
 47627 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1-6 cr.

47628 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-6 cr.
 47629 004 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-6 cr.
 47630 005 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-6 cr.
 47631 006 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-6 cr.
 47632 007 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-6 cr.
 47633 008 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-6 cr.
 47634 009 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-6 cr.
 47635 011 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1-6 cr.
 47636 010 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-6 cr.
 47637 012 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-6 cr.
 47638 013 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-6 cr.
 47639 014 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-6 cr.
 47827 015 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-6 cr.
 47870 016 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-6 cr.
 47970 017 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-6 cr.
 48137 018 IND, 00:00-00:00 , , Independent/Directed Study; Lindsey Weiler ; 1-6 cr.
 48338 019 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wieling ; 1-6 cr.
 48409 020 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1-6 cr.
 48410 021 IND, 00:00-00:00 , , Independent/Directed Study; Virginia Solis Zuiker ; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

47463 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1-18 cr.
 47726 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1-18 cr.
 47727 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-18 cr.
 47728 004 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-18 cr.
 47729 005 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-18 cr.
 47730 006 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-18 cr.
 47731 007 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-18 cr.
 47732 008 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-18 cr.
 47733 009 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-18 cr.
 47734 010 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-18 cr.
 47735 011 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1-18 cr.
 47736 012 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-18 cr.
 47737 013 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-18 cr.
 47784 014 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-18 cr.
 47828 015 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-18 cr.
 47956 016 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-18 cr.
 47971 017 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-18 cr.
 48138 018 IND, 00:00-00:00 , , Independent/Directed Study; Lindsey Weiler ; 1-18 cr.
 48339 019 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wieling ; 1-18 cr.
 48411 020 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1-18 cr.
 48412 021 IND, 00:00-00:00 , , Independent/Directed Study; Virginia Solis Zuiker ; 1-18 cr.

8794 Directed Research in Family Social Science

(Student Option;)

47380 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1-6 cr.
 47668 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1-6 cr.
 47669 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-6 cr.
 47670 004 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-6 cr.

47671 005 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-6 cr.
 47672 006 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-6 cr.
 47673 007 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-6 cr.
 47674 008 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-6 cr.
 47675 009 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-6 cr.
 47676 010 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-6 cr.
 47677 011 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1-6 cr.
 47678 012 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-6 cr.
 47679 013 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-6 cr.
 47780 014 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-6 cr.
 47829 015 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-6 cr.
 47972 016 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-6 cr.
 47973 017 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-6 cr.
 48139 018 IND, 00:00-00:00 , , Independent/Directed Study; Lindsey Weiler ; 1-6 cr.
 48303 019 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wieling ; 1-6 cr.
 48413 020 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1-6 cr.
 48414 021 IND, 00:00-00:00 , , Independent/Directed Study; Virginia Solis Zuiker ; 1-6 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

47680 001 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-24 cr.
 47681 002 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-24 cr.
 47682 003 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-24 cr.
 47683 004 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-24 cr.
 47684 005 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-24 cr.
 47685 006 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-24 cr.
 47686 007 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-24 cr.
 47687 008 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-24 cr.
 47688 009 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-24 cr.
 47783 011 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wieling ; 1-24 cr.
 47783 012 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1-24 cr.
 47875 010 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-24 cr.

Finance (FINA)

3001 Finance Fundamentals

(A-F or Audit; Prereq: ACCT 2050, SCO 2550 or equivalent statistics course)

53796 006 LEC, 8:15- 9:30 WF, Hanson Hall 1-104, In Person Term Based; Chao Ying, Fangyuan Yu ; 3 cr.
 53824 020 LEC, 17:45-20:15 W, Hanson Hall 1-104, In Person Term Based; Chao Ying, Fangyuan Yu ; 3 cr.
 54032 007 LEC, 14:30-15:45 MW, Hanson Hall 1-108, In Person Term Based; Lisa Kline ; 3 cr.

4121 Financial Markets and Interest Rates

(A-F or Audit; Prereq: 3001, CSOM major)

53760 001 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 1-123, In Person Term Based; Rick Nelson ; 2 cr.
 53972 002 LEC, 15:45-17:25 TTh, Carlson School of Mgmt 1-123, In Person Term Based; Rick Nelson ; 2 cr.
 68140 003 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-123, In Person Term Based; Rick Nelson ; 2 cr.

4121H Financial Markets and Interest Rates

(A-F only; Prereq: 3001, CSOM major, honors)

54202 001 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 2-219, In Person Term Based; Rick Nelson ; 2 cr.

4122 Banking Institutions

(A-F or Audit;)

53761 002 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 1-147, In Person Term Based; Alan Thometz ; 2 cr.

53991 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-147, In Person Term Based; Helen Moser ; 2 cr.

4221 Principles of Corporate Finance

(A-F only; Prereq: 3001, CSOM major, actuarial science major)

53926 002 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 1-123, In Person Term Based; Richard Thakor ; 2 cr.
 53927 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt 2-233, In Person Term Based; Richard Thakor ; 2 cr.
 54060 003 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 2-213, In Person Term Based; Richard Thakor ; 2 cr.
 65705 004 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-123, In Person Term Based; Helen Moser ; 2 cr.

4424W Corporate Investment Decisions

(A-F or Audit; Prereq: 3001, 4121 or 4121H, 4321 or 4321H, 4422, 4522, CSOM major)

53971 002 LEC, 13:45-15:25 MW, Carlson School of Mgmt 1-135, In Person Term Based; John Molloy ; 4 cr.
 54023 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-135, In Person Term Based; John Molloy ; 4 cr.
 54033 003 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-127, In Person Term Based; John Molloy ; 4 cr.
 70040 004 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 1-114, In Person Term Based; John Molloy ; 4 cr.

4321 Portfolio Management and

Performance Evaluation

(A-F or Audit; Prereq: 3001, CSOM major, can take concurrent registration is required (or allowed) in 4522)

53870 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-147, In Person Term Based; Jeff Bailey ; 2 cr.
 53963 002 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 1-123, In Person Term Based; Frederico Belo ; 2 cr.

4321H Portfolio Management and

Performance Evaluation

(A-F only; Prereq: 3001, CSOM major, honors)

54201 001 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 1-136, In Person Term Based; Frederico Belo ; 2 cr.

4325 Behavioral Finance

(A-F only; Prereq: 4321 or 4321H)

54054 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt 2-215, In Person Term Based; Aamir Khan ; 2 cr.
 54104 002 LEC, 15:45-17:25 MW, Carlson School of Mgmt 2-215, In Person Term Based; Aamir Khan ; 2 cr.

4329 Security Analysis Capstone

(A-F only; Prereq: 4121 or 4121H, 4321 or 4321H, 4422, 4522, ACCT 5100 or ACCT 5101)

53928 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-147, In Person Term Based; Brian Friese ; 2 cr.

4422 Financial Modeling

(A-F only; Prereq: 3001, 4221, ACCT 5100 or 5101, CSOM major)

53929 003 LEC, 11:50-13:30 MW, Carlson School of Mgmt 1-142, In Person Term Based; John Molloy ; 2 cr.
 54087 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-142, In Person Term Based; Aamir Khan ; 2 cr.
 65706 002 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-143, In Person Term Based; Aamir Khan ; 2 cr.

4522 Options & Derivatives I

(A-F only; Prereq: 3001 or 3001H, or ApEc , 4121 or 4121H, 4321 (can be concurrent) or 4321H (can be concurrent), CSOM major)

53931 001 DIS, 13:45-15:25 MW, Hanson Hall 1-111, In Person Term Based; Benjamin Hood ; 2 cr.
 53932 002 DIS, 15:45-17:25 MW, Carlson School of Mgmt 1-123, In Person Term Based; Hengjie Ai ; 2 cr.

4529 Derivatives II Capstone

(A-F only; Prereq: 4522 or 4523)

54064 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt 1-132, In Person Term Based; Aamir Khan ; 2 cr.

4621 The Global Economy (Macro)

(A-F only; Prereq: 3001, CSOM major)

53933 001 LEC, 8:00- 9:40 MW, Carlson School of Mgmt 2-213, In Person Term Based; Murray Frank ; 2 cr.
 53934 002 LEC, 15:45-17:25 MW, Carlson School of Mgmt L-114, In Person Term Based; Murray Frank ; 2 cr.

4622 International Finance

(A-F only; Prereq: CSOM major, 3001, 4121 or 4121H, 4221)

54088 001 LEC, 8:00- 9:40 MW, Carlson School of Mgmt 2-213, In Person Term Based; Juliana Salomao ; 2 cr.

6121 Debt Markets, Interest Rates, and Hedging

(A-F only; Prereq: MBA 6230, MBA student)
53762 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt
2-215, In Person Term Based; Rick Nelson ; 2 cr.
53763 060 LEC, 17:45-21:05 M, Carlson School of Mgmt
L-114, In Person Term Based; Bruce Floberg ; 2 cr.

6123 Financial Services Industry

(A-F only;)
69588 070 LEC, Completely Online; Andrew Winton ; 2 cr.

6222 Mergers and Acquisitions

(A-F only; Prereq: 6241, MBA Student)
54212 060 LEC, 17:45-21:05 M, Carlson School of Mgmt
L-114, In Person Term Based; Thaddeus Davis ; 2 cr.

6241 Corporate Finance Analysis and Decisions

(A-F only; Prereq: MBA 6230, MBA student)
53788 090 LEC, 17:45-21:05 W, Hanson Hall 1-105, In
Person Term Based; Richard Thakor ; 4 cr.
53807 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt
2-215, In Person Term Based; Helen Moser ; 4 cr.

6322 Financial Modeling

(A-F only; Prereq: MBA 6230, MBA student)
53829 090 LEC, 17:45-21:05 W, Carlson School of Mgmt
2-215, In Person Term Based; Timothy Nantell ; 2 cr.
53840 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt
2-215, In Person Term Based; Timothy Nantell ; 2 cr.

6324 Securitization Markets

(A-F only; Prereq: 6121, MBA student)
54062 060 LEC, 17:45-21:05 T, Carlson School of Mgmt
1-135, In Person Term Based; Matthew Robertson ; 2 cr.

6325 Behavioral Finance

(A-F only; Prereq: MBA student)
54058 060 LEC, 17:45-21:05 M, Carlson School of Mgmt
1-135, In Person Term Based; Aamir Khan ; 2 cr.

6341 World Economy

(A-F only; Prereq: MBA 6230, MBA student)
53816 060 LEC, 17:45-21:05 Th, Carlson School of Mgmt
2-213, In Person Term Based; Thanh Le ; 4 cr.

6522 Introduction to Derivatives and Financial Risk Management

(A-F only; Prereq: 6121, MBA student)
54105 060 LEC, 17:45-21:05 W, Carlson School of Mgmt
1-142, In Person Term Based; Hengjie Ai ; 2 cr.

6621 International Financial Management

(A-F only; Prereq: MBA 6230, MBA student)
53989 060 LEC, 17:45-21:05 T, Carlson School of Mgmt
2-213, In Person Term Based; Juliana Salomao ; 2 cr.

6801 Finance Independent Study

(A-F only; Prereq: MBA student, instr consent)
53867 001 LEC, 00:00-00:00 , , In Person Term Based; 1-6
cr.

8822 Empirical Methods in Finance

(Student Option; Prereq: 8802, 8803)
67494 001 LEC, In Person Term Based; Frederico Belo ; 2 cr.

8823 Empirical Corporate Finance

(Student Option; Prereq: 8802, 8803)
67495 001 LEC, In Person Term Based; Murray Frank ; 2 cr.

8892 Independent Study in Finance

(Student Option; Prereq: Business admin PhD student
or instr consent)
53822 001 IND, 00:00-00:00 , , In Person Term Based; 1-8
cr.

8894 Directed Research in Finance

(Student Option; Prereq: Business admin PhD student
specializing in finance or instr consent)
53738 001 IND, 00:00-00:00 , , In Person Term Based; 1-8
cr.

Financial Mathematics (FM)

5002 Preparation for Financial Mathematics II

(Student Option; Prereq: 5001, program director
approval)
56799 001 LEC, 17:30-20:00 W, Tate Hall 110, In Person
Term Based; Kaisa Taipale ; 3 cr.

57058 002 LEC, 00:00-00:00 , ONLINE, Completely Online;
Kaisa Taipale ; 3 cr.

5012 Mathematical Background for Finance II

(Student Option; Prereq: 5011, grad MFM major,
program director approval)
56800 001 LEC, 17:30-20:50 Th, Smith Hall 231, In Person
Term Based; Carlos Tolmasky ; 4 cr.

5022 Mathematical Theory Applied to Finance II

(Student Option; Prereq: 5021, [5012 or concurrent
registration is required (or allowed) in 5012], grad MFM
major, program director approval)
56802 001 LEC, 17:30-20:50 T, Vincent Hall 16, In Person
Term Based; Christopher Bemis ; 4 cr.

5032 A Practitioner's Course in Finance II

(Student Option; Prereq: 5031, [5022 or concurrent
registration is required (or allowed) in 5022], grad MFM
major, program director approval)
56803 001 LEC, 17:30-20:50 W, Murphy Hall 130, In
Person Term Based; John Dodson, Philip Jones, Arkady
Shemyakin ; 4 cr.

5092 Computation, Algorithms, and Coding in Finance II

(Student Option; Prereq: 5091, grad MFM major,
program director approval)
56801 001 LEC, 17:30-21:00 M, Bruininks Hall 512B, In
Person Term Based; Christopher Prouty ; 4 cr.
57059 002 LEC, 00:00-00:00 , ONLINE, Completely Online;
Christopher Prouty ; 4 cr.

5990 Topics in Financial Mathematics

(Student Option; Prereq: enrolled in the Master of
Financial Mathematics program or instr consent)
70279 001 LEC, 17:30-20:00 M, Vincent Hall 311, In Person
Term Based; Fadil Santosa ; 1-2 cr.

Finnish (FIN)

1002 Beginning Finnish II

(Student Option; Prereq: 1001)
49034 001 DIS, 14:30-15:20 MTWThF, Folwell Hall 16, In
Person Term Based; Meets With: 001 FIN 4002; Daniel
Karvonen ; 5 cr.

1004 Intermediate Finnish II

(Student Option; Prereq: 1003)
49691 001 DIS, 16:40-18:45 TTh, Folwell Hall 31, In Person
Term Based; Meets With: 001 FIN 4004; Laura Maria
Tuomainen ; 5 cr.

3012 Advanced Finnish

(Student Option; Prereq: 3011 or 4011)
50846 001 DIS, 16:00-17:15 MW, Folwell Hall 118, In Person
Term Based; Meets With: 001 FIN 4012; Daniel Karvonen ;
3 cr.

4002 Beginning Finnish for Graduate Research II

(Student Option;)
49389 001 DIS, 14:30-15:20 MTWThF, Folwell Hall 16, In
Person Term Based; Meets With: 001 FIN 1002; Daniel
Karvonen ; 5 cr.

4004 Intermediate Finnish for Graduate Research II

(Student Option;)
49692 001 DIS, 16:40-18:45 TTh, Folwell Hall 31, In Person
Term Based; Meets With: 001 FIN 1004; Laura Maria
Tuomainen ; 5 cr.

4012 Advanced Finnish for Graduate Research

(Student Option;)
51318 001 DIS, 16:00-17:15 MW, Folwell Hall 118, In Person
Term Based; Meets With: 001 FIN 3012; Daniel Karvonen ;
3 cr.

Fisheries and Wildlife (FW)

1901 Coral Reef Management in Belize

(A-F only; Prereq: FreshmanENV)
68037 001 LEC, 13:00-15:00 Th, McNeal Hall 146, In Person
Term Based; Jim Perry ; 3 cr.

2003 Introduction to Marine Biology

(Student Option; Prereq: BIOL 1001 or BIOL 1009 or
BIOL 2002 or ESCI 1006 or ESCI 1106 or instr consent)
53256 001 LEC, 12:50-13:40 MWF, Hodson Hall 495, In
Person Term Based; Raymond Newman ; 3 cr.

3480 Topics in Fisheries, Wildlife & Conservation Biology

(Student Option;)
69739 001 LEC, 10:40-11:30 F, Hodson Hall 480, In Person
Term Based; Nicholas McCann ; 1-4 cr.

3925 Human Dimensions of Fisheries and Wildlife Management

(A-F only;)
53432 001 LEC, 17:10-18:25 TTh, Hodson Hall 490, In
Person Term Based; Lou Cornicelli ; 3 cr.

4102 Principles of Conservation Biology

(Student Option; Prereq: introductory biology
courseENV)
53243 001 LEC, 11:45-13:00 TTh, Biological Sciences Ctr
64, In Person Term Based; Dawn Tanner ; 3 cr.

4107 Principles of Fisheries Science and Management

(A-F only; Prerequisite: Intro biology course, [jr or sr])
67566 001 LEC, 9:35-10:25 MWF, Alderman Hall 415, In
Person Term Based; Amy Schrank ; 3 cr.

4291 Independent Study: Fisheries

(Student Option; Prereq: instr consent)
52911 001 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
52912 002 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
52913 003 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
52914 004 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
52915 008 IND, 00:00-00:00 , , In Person Term Based; Julia
Nerbonne ; 1-5 cr.
52991 005 IND, 00:00-00:00 , , In Person Term Based;
Raymond Newman ; 1-5 cr.
53078 007 IND, 00:00-00:00 , , In Person Term Based;
Andrew Simons ; 1-5 cr.
53079 009 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
53113 010 IND, 00:00-00:00 , , In Person Term Based; Bruce
Vondracek ; 1-5 cr.
53138 006 IND, 00:00-00:00 , , In Person Term Based; Jim
Perry ; 1-5 cr.
53158 011 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
53159 012 IND, 00:00-00:00 , , In Person Term Based;
Kristen Nelson ; 1-5 cr.
53253 013 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
53346 014 IND, 00:00-00:00 , , In Person Term Based; Paul
Venturelli ; 1-5 cr.

4301 Conservation Genetics

(A-F or Audit;)
67567 001 LEC, 10:15-11:30 TTh, McNeal Hall 316, In
Person Term Based; Kenneth Kozak ; 3 cr.

4391 Independent Study: Wildlife

(Student Option; Prereq: instr consent)
52906 002 IND, 00:00-00:00 , , In Person Term Based; David
Andersen ; 1-5 cr.
52907 003 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
52908 004 IND, 00:00-00:00 , , In Person Term Based;
Francesca Cuthbert ; 1-5 cr.
52909 005 IND, 00:00-00:00 , , In Person Term Based; David
Fulton ; 1-5 cr.
52910 007 IND, 00:00-00:00 , , In Person Term Based; Karen
Oberhauser ; 1-5 cr.
53000 006 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
53132 001 IND, 00:00-00:00 , , In Person Term Based;
James Forester ; 1-5 cr.
53160 008 IND, 00:00-00:00 , , In Person Term Based;
Kristen Nelson ; 1-5 cr.
53198 009 IND, 00:00-00:00 , , In Person Term Based; Todd
Arnold ; 1-5 cr.

4629 Wildlife Care and Handling Externship

(A-F only;)
69445 001 DIS, 9:00-11:00 F, Skok Hall 100, In Person Term
Based; Jim Perry ; 3 cr.

5051 Analysis of Populations

(Student Option; Prereq: [4001 or STAT 3011 or ESPM 3012], [BIOL 3407 or BIOL 3408W or BIOL 3807], Senior or grad student)

53162 001 LEC, 15:00-16:55 TTh, Coffey Hall 50, In Person Term Based; Todd Arnold ; 4 cr.

5625 Wildlife Handling and Immobilization for Research and Management

(S-N or Audit; Prereq: General biology, [grad student or vet med student or FW sr])

52992 001 LEC, 00:00-00:00 , , In Person Term Based; James Smith ; 2 cr.

8051 Statistical Modeling of Ecological Data using R and WinBugs/JAGS

(Student Option; Prereq: Graduate-level statistics class, [working knowledge of program R or instr consent])

53431 001 LEC, 13:55-15:50 MW, Skok Hall 100, In Person Term Based; John Fieberg ; 4 cr.

8200 Seminar

(S-N or Audit;)

69436 001 LEC, 13:00-15:00 T, Skok Hall 100, In Person Term Based; David Andersen ; 1-4 cr.

69437 002 LEC, 13:15-15:00 F, Ecology Building 170, In Person Term Based; Gretchen Hansen, Emily Peters ; 1-4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

53022 001 IND, In Person Term Based; 1 cr.

8394 Research in Fisheries

(Student Option;)

52944 001 IND, 00:00-00:00 , , In Person Term Based; Paul Venturelli ; 1-4 cr.

53199 002 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53200 003 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53201 004 IND, 00:00-00:00 , , In Person Term Based; David Fulton ; 1-4 cr.

53202 005 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53203 006 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53204 007 IND, 00:00-00:00 , , In Person Term Based; Kristen Nelson ; 1-4 cr.

53205 008 IND, 00:00-00:00 , , In Person Term Based; Raymond Newman ; 1-4 cr.

53206 009 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53207 010 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53208 011 IND, 00:00-00:00 , , In Person Term Based; Jim Perry ; 1-4 cr.

53209 012 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53210 013 IND, 00:00-00:00 , , In Person Term Based; Andrew Simons ; 1-4 cr.

53211 014 IND, 00:00-00:00 , , In Person Term Based; Peter Sorensen ; 1-4 cr.

53212 015 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53213 016 IND, 00:00-00:00 , , In Person Term Based; Bruce Vondracek ; 1-4 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

53039 001 IND, In Person Term Based; 1 cr.

8494 Research in Wildlife

(Student Option; Prereq: instr consent)

53214 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53215 002 IND, 00:00-00:00 , , In Person Term Based; Robert Blair ; 1-4 cr.

53216 003 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53217 004 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53218 005 IND, 00:00-00:00 , , In Person Term Based; Francesca Cuthbert ; 1-4 cr.

53219 006 IND, 00:00-00:00 , , In Person Term Based; James Forester ; 1-4 cr.

53220 007 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53221 008 IND, 00:00-00:00 , , In Person Term Based; Kristen Nelson ; 1-4 cr.

53222 009 IND, 00:00-00:00 , , In Person Term Based; David Fulton ; 1-4 cr.

53223 010 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53224 011 IND, 00:00-00:00 , , In Person Term Based; James Smith ; 1-4 cr.

53225 012 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53226 013 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53227 014 IND, 00:00-00:00 , , In Person Term Based; ; 1-4 cr.

53228 015 IND, 00:00-00:00 , , In Person Term Based; Jim Perry ; 1-4 cr.

53229 016 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

53230 017 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

53057 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

53069 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

53089 001 IND, In Person Term Based; 1-24 cr.

Food Science and Nutrition (FSCN)

1011 Science of Food and Cooking

(Student Option; PHY5)

53351 001 LEC, 11:45-13:00 TTh, Food Science & Nutrition 15, In Person Term Based; David Smith ; 4 cr.

53352 002 LAB, 9:35-11:30 T, McNeal Hall 126, In Person Term Based; David Smith ; 4 cr.

53353 003 LAB, 13:15-15:10 T, McNeal Hall 126, In Person Term Based; David Smith ; 4 cr.

53354 004 LAB, 9:35-11:30 Th, McNeal Hall 126, In Person Term Based; David Smith ; 4 cr.

53355 005 LAB, 13:15-15:10 Th, McNeal Hall 126, In Person Term Based; David Smith ; 4 cr.

69622 006 LAB, 15:35-17:30 Th, McNeal Hall 126, In Person Term Based; David Smith ; 4 cr.

1012 Sports Nutrition

(Student Option;)

69691 001 LEC, Completely Online; Renata Korczak ; 2 cr.

1102 Food: Safety, Risks, and Technology

(Student Option No Audit; CIV)

52863 001 LEC, 15:00-16:15 TTh, Food Science & Nutrition 15, In Person Term Based; Ted Labuza ; 3 cr.

1112 Principles of Nutrition

(Student Option; Prereq: High school biology and chemistryTS)

52864 002 LEC, 16:00-17:15 MW, Bruininks Hall 114, In Person Term Based; Renee Rosen ; 3 cr.

52996 D11 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Marla Reicks ; 3 cr.

52997 E11 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Marla Reicks ; 3 cr.

53133 B11 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Marla Reicks ; 3 cr.

53134 C11 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Marla Reicks ; 3 cr.

53476 001 LEC, 8:00- 9:15 MW, Keller Hall 3-210, In Person Term Based; Renata Korczak ; 3 cr.

2001 Healthy Foods, Healthy Lives: A Food System Approach to Cooking

(Student Option; Prereq: [soph, jr, sr] or instr consent)

53424 001 LEC, 9:35-11:30 M, McNeal Hall 395, In Person Term Based; Kristine Igo ; 3 cr.

53478 002 LAB, 15:30-18:30 M, McNeal Hall 126, In Person Term Based; Kristine Igo, Jennifer Breen ; 3 cr.

53479 003 LAB, 10:00-13:00 F, McNeal Hall 126, In Person Term Based; Kristine Igo, Jennifer Breen ; 3 cr.

2002 Healthy Foods, Healthy Lives - Cooking on a Student's Budget

(Student Option;)

53427 001 LAB, 15:30-18:30 M, Lab TBA, In Person Term Based; Kristine Igo, Jennifer Breen ; 1 cr.

53480 002 LAB, 10:00-13:00 F, Lab TBA, In Person Term Based; Kristine Igo, Jennifer Breen ; 1 cr.

2021 Introductory Microbiology

(A-F only;)

53303 001 LEC, 8:30- 9:20 MWF, Andrew Boss Laboratory 125, In Person Term Based; David Baumler ; 4 cr.

53304 002 LAB, 14:45-16:40 T, Food Science & Nutrition 218, In Person Term Based; David Baumler ; 4 cr.

53305 003 LAB, 14:45-16:40 W, Food Science & Nutrition 218, In Person Term Based; David Baumler ; 4 cr.

53361 004 LAB, 14:45-16:40 Th, Food Science & Nutrition 218, In Person Term Based; 4 cr.

3612 Life Cycle Nutrition

(Student Option; Prereq: CHEM 1061/1065)

53429 001 LEC, 9:35-10:25 MWF, Andrew Boss Laboratory 125, In Person Term Based; Renee Rosen ; 3 cr.

3615 Sociocultural Aspects of Food, Nutrition, and Health

(A-F only; GP)

52866 001 LEC, 13:30-14:45 WF, Food Science & Nutrition 15, In Person Term Based; Chery Smith ; 3 cr.

53430 002 LEC, 10:15-11:30 TTh, Food Science & Nutrition 15, In Person Term Based; Chery Smith ; 3 cr.

4096 Professional Experience Program: Internship

(A-F only; Prereq: To register, students must fill out Fscn Internship Agreement form, available at <http://fscn.cfans.umn.edu>. Contact fscnug@umn.edu with questions.)

53108 001 FWK, In Person Term Based; 1-4 cr.

4121 Food Microbiology

(Student Option No Audit; Prereq: BIOC 3021, [2021 or VBS 2032 or MICB 3301])

52865 001 LEC, 10:40-11:30 WF, Food Science & Nutrition 15, In Person Term Based; David Baumler ; 3 cr.

53287 002 LAB, 10:40-12:35 TTh, Food Science & Nutrition 218, In Person Term Based; David Baumler ; 3 cr.

53477 003 LAB, 8:30-10:25 TTh, Food Science & Nutrition 218, In Person Term Based; David Baumler ; 3 cr.

4291 Independent Study

(Student Option; Prereq: Undergrads, instr consent)

52998 001 IND, In Person Term Based; 1-4 cr.

4311 Chemical Reactions in Food Systems

(Student Option; Prereq: 4112, 4312W)

53295 001 LAB, 16:05-16:55 WF, Rutan Hall B30, 12:50-15:50 F, Andrew Boss Laboratory 135, 12:50-16:50 F, Andrew Boss Laboratory 135, In Person Term Based; Baraem Ismail, Catrin Tyl ; 2 cr.

70048 002 LAB, 16:05-16:55 WF, Magrath Library 6, 11:15-14:15 Th, Lab TBA, 11:15-15:15 Th, Lab TBA, In Person Term Based; Baraem Ismail, Catrin Tyl ; 2 cr.

4332 Food Processing Operations

(A-F or Audit; Prerequisite: BBE 4744)

53097 001 LEC, 11:45-12:35 WF, Food Science & Nutrition 15, In Person Term Based; David Smith, Gary Reineccius ; 3 cr.

53098 002 LAB, 12:50-15:50 M, Food Science & Nutrition 15, In Person Term Based; David Smith, Gary Reineccius ; 3 cr.

4349 Food Science Capstone

(A-F only; Prereq: 4112, 4121, 4131, 4312, 4332, BBE 4744, Food Science Major, senior)

53290 001 LAB, 15:30-18:30 TTh, McNeal Hall 134, In Person Term Based; Gary Reineccius ; 2 cr.

4481 Sensory Evaluation of Food Quality

(A-F only; Prereq: 3102, Stat 3011)

53378 001 LEC, 12:50-13:40 W, McNeal Hall 10, In Person Term Based; Zata Vickers ; 1 cr.

53473 002 LAB, 15:00-15:50 W, Magrath Library 8, 9:35-10:25 W, McNeal Hall 126, In Person Term Based; Zata Vickers ; 1 cr.

53474 003 LAB, 13:55-14:45 W, Magrath Library 8, 11:45-12:35 W, McNeal Hall 126, In Person Term Based; Zata Vickers ; 1 cr.

4612 Advanced Human Nutrition

(Student Option; Prereq: 1112, [CHEM 1022 or CHEM 1062 and CHEM 1066], [BioC 3021 or PHSL 3051 or ANSC 3301 or BIOL 3211])

53420 001 LEC, 10:40-12:35 MW, Andrew Boss Laboratory 125, In Person Term Based; Joanne Slavin ; 4 cr.

4613 Experimental Nutrition**(Student Option;)**

52867 002 LAB, 12:50-15:50 M, Andrew Boss Laboratory 135, In Person Term Based; Daniel Gallaher ; 2 cr.
52993 001 LEC, 11:45-12:35 F, Andrew Boss Laboratory 125, In Person Term Based; Daniel Gallaher ; 2 cr.
52999 003 LAB, 12:50-15:50 W, Andrew Boss Laboratory 135, In Person Term Based; Daniel Gallaher ; 2 cr.
53285 005 LAB, 9:35-12:35 T, Andrew Boss Laboratory 135, In Person Term Based; Daniel Gallaher ; 2 cr.

4614W Community Nutrition**(A-F only; DSJ,WI,SOCS)**

52868 001 LEC, 13:30-14:45 TTh, Food Science & Nutrition 15, In Person Term Based; Renee Rosen ; 3 cr.

4622 Nutritional Toxicology, the basic science of diet-related toxicants**(A-F only; Prereq: BIOC 3021; designed for students majoring in [nutrition or food science or toxicology])**

53308 001 LEC, 15:00-16:15 TTh, Peters Hall 155, In Person Term Based; Meets With: 001 NUTR 5627; Chi Chen ; 3 cr.

4666 Medical Nutrition Therapy II**(A-F or Audit; Prereq: FSCN 4665)**

52869 001 LEC, 18:00-20:45 W, Biological Sciences Ctr 64, In Person Term Based; Carrie Earthman ; 3 cr.

4732 Food and Nutrition Management**(A-F or Audit; Prereq: 3732)**

52870 001 LEC, 8:05- 9:20 TTh, Andrew Boss Laboratory 125, In Person Term Based; Len Marquart ; 3 cr.

5481 Sensory Evaluation of Food Quality**(Student Option; Prereq: 3102, STAT 3011)**

53472 002 LAB, 13:55-14:45 W, Lab TBA, 11:45-12:35 W, Lab TBA, In Person Term Based; Zata Vickers ; 2 cr.
53475 001 LEC, 12:50-13:40 W, McNeal Hall 10, In Person Term Based; Zata Vickers, David Smith, ; 2 cr.

5531 Grains: Introduction to Cereal**Chemistry and Technology****(Student Option; Prereq: Biol 1009, Chem 1022)**

70166 001 LEC, 18:00-19:55 W, Food Science & Nutrition 15, In Person Term Based; George Annor ; 2 cr.

5601 Management of Eating Disorders**(Student Option; Prereq: Junior, senior or graduate student in nutrition or health related program or instructor consent.)**

53357 001 LEC, 17:10-18:25 TTh, Ruttan Hall B26, In Person Term Based; Jillian Lampert ; 3 cr.

8310 General Seminar**(S-N or Audit; Prereq: instr consent)**

52888 001 LEC, 15:30-16:30 T, Ruttan Hall 143, In Person Term Based; A Csallany ; 1 cr.

8318 Current Issues in Food Science**(A-F or Audit; Prerequisites: FSCN 4112, FSCN 4121, Department Consent.)**

52889 001 LEC, 8:30-10:25 F, Ruttan Hall B22, In Person Term Based; Zata Vickers ; 2 cr.

8330 Research Topics**(Student Option;)**

53105 001 LEC, 00:00-00:00 , , In Person Term Based; 1 cr.

8333 FTE: Master's**(No Grade Associated; Prereq: Master's student, adviser and DGS consent)**

53021 001 IND, In Person Term Based; 1 cr.

8391 Independent Study: Food Science**(Student Option; Prereq: instr consent)**

53004 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8444 FTE: Doctoral**(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)**

53038 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits**(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)**

53056 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's**(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])**

53068 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral**(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)**

53088 001 IND, In Person Term Based; 1-24 cr.

Food Systems (FDSY)**2101 Plant Production Systems****(Student Option; Prereq: College level general biology course or Hort 1001 or instr consent)**

53395 001 LEC, 10:40-12:45 TTh, Alderman Hall 405, In Person Term Based; Thomas Michaels, Craig Sheaffer ; 3 cr.

4101 Holistic Approaches to Improving**Food Systems Sustainability****(A-F only;)**

53416 001 LEC, 15:00-17:30 T, Alderman Hall 405, In Person Term Based; Andrew Petran ; 3 cr.

Foreign Study (FOST)**Forest and Natural Res. Mgmt. (FNRM)****3131 Geographical Information Systems****(GIS) for Natural Resources****(A-F only; Prereq: Soph or jr or sr or UHP frTS)**

53146 001 LEC, 16:05-18:00 M, Green Hall 110, In Person Term Based; Andrew Jenks, Paul Bolstad ; 4 cr.

53147 002 LAB, 16:05-18:00 T, Skok Hall 35, In Person Term Based; Andrew Jenks, Paul Bolstad ; 4 cr.

53157 003 LAB, 18:00-20:00 M, Skok Hall 35, In Person Term Based; Andrew Jenks, Paul Bolstad ; 4 cr.

53180 004 LAB, 12:50-14:45 W, Skok Hall 35, In Person Term Based; Andrew Jenks, Paul Bolstad ; 4 cr.

53274 005 LAB, 10:40-12:35 T, Skok Hall 35, In Person Term Based; Andrew Jenks, Paul Bolstad ; 4 cr.

53288 006 LAB, 8:30-10:25 T, Skok Hall 35, In Person Term Based; Andrew Jenks, Paul Bolstad ; 4 cr.

53343 007 LAB, 00:00-00:00 , , Partially Online; Paul Bolstad, Andrew Jenks ; 4 cr.

53425 020 LEC, 00:00-00:00 , ONLINE, Completely Online; Andrew Jenks, Paul Bolstad ; 4 cr.

53426 021 LAB, 00:00-00:00 , ONLINE, Completely Online; Andrew Jenks, Paul Bolstad ; 4 cr.

3203 Forest Fire and Disturbance Ecology**(A-F or Audit;)**

53126 001 LEC, 8:45-10:00 TTh, Skok Hall 100, In Person Term Based; Meets With: 001 FNRM 5203; Lee Frelich ; 3 cr.

3218 Measuring and Modeling Forests**(A-F or Audit; Prereq: [ESPM 3012 or STAT 3011], MATH 1151)**

52810 001 LEC, 11:45-12:35 MWF, Skok Hall 100, In Person Term Based; Meets With: 001 FNRM 5218; Christopher Edgar ; 3 cr.

3431 Timber Harvesting and Road Planning**(Student Option; Prereq: FNRM 3411 or instr consent)**

52861 001 LEC, 13:55-14:45 MW, Green Hall 203, In Person Term Based; Meets With: 001 FNRM 5431; Charlie Blinn ; 2 cr.

3501 Arboriculture: Selection and**Maintenance of Trees****(Student Option;)**

52859 001 LEC, 13:30-14:45 TTh, Green Hall 19, In Person Term Based; Gary Johnson ; 3 cr.

4232W Managing Recreational Lands**(A-F or Audit; WI)**

53118 001 LEC, 11:45-13:00 TTh, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 FNRM 5232; Ingrid Schneider ; 4 cr.

53119 002 DIS, 13:55-14:45 Th, Kaufert Laboratory 302, In Person Term Based; Meets With: 002 FNRM 5232; Ingrid Schneider ; 4 cr.

4293 Directed Study**(Student Option; Prereq: instr consent)**

52966 001 IND, 00:00-00:00 , , In Person Term Based; Charlie Blinn ; 1-5 cr.

52967 002 IND, 00:00-00:00 , , In Person Term Based; Paul Bolstad ; 1-5 cr.

52968 005 IND, 00:00-00:00 , , In Person Term Based; Mae Davenport ; 1-5 cr.

52969 006 IND, 00:00-00:00 , , In Person Term Based; Andrew David ; 1-5 cr.

52970 007 IND, 00:00-00:00 , , In Person Term Based; Christopher Edgar ; 1-5 cr.

52971 008 IND, 00:00-00:00 , , In Person Term Based; Forrest Fleischman ; 1-5 cr.

52972 009 IND, 00:00-00:00 , , In Person Term Based; Lee Frelich ; 1-5 cr.

52973 012 IND, 00:00-00:00 , , In Person Term Based; Gary Johnson ; 1-5 cr.

52974 014 IND, 00:00-00:00 , , In Person Term Based; Mike Kilgore ; 1-5 cr.

52975 015 IND, 00:00-00:00 , , In Person Term Based; Joe Knight ; 1-5 cr.

52976 018 IND, 00:00-00:00 , , In Person Term Based; Peter Reich ; 1-5 cr.

52977 019 IND, 00:00-00:00 , , In Person Term Based; Matthew Russell ; 1-5 cr.

52978 020 IND, 00:00-00:00 , , In Person Term Based; Ingrid Schneider ; 1-5 cr.

52979 021 IND, 00:00-00:00 , , In Person Term Based; Marcella Windmuller-Campione ; 1-5 cr.

53005 011 IND, 00:00-00:00 , , In Person Term Based; Andrew Jenks ; 1-5 cr.

53006 013 IND, 00:00-00:00 , , In Person Term Based; Diana Karwan ; 1-5 cr.

53007 016 IND, 00:00-00:00 , , In Person Term Based; Rebecca Montgomery ; 1-5 cr.

53164 010 IND, 00:00-00:00 , , In Person Term Based; Howard Hoganson ; 1-5 cr.

53244 017 IND, 00:00-00:00 , , In Person Term Based; Kristen Nelson ; 1-5 cr.

53247 004 IND, 00:00-00:00 , , In Person Term Based; Dean Current ; 1-5 cr.

53322 022 IND, 00:00-00:00 , , In Person Term Based; Diomy Zamora ; 1-5 cr.

69718 003 IND, In Person Term Based; Stephan Carlson ; 1-5 cr.

4501 Urban Forest Management: Managing Greenspaces for People**(Student Option;)**

53140 001 LEC, 13:55-15:10 MW, Green Hall 19, In Person Term Based; Meets With: 001 FNRM 5501; Gary Johnson ; 3 cr.

5203 Forest Fire and Disturbance Ecology**(A-F or Audit; Prereq: Grad student or instr consent)**

53127 001 LEC, 8:45-10:00 TTh, Skok Hall 100, In Person Term Based; Meets With: 001 FNRM 3203; Lee Frelich ; 3 cr.

5232 Managing Recreational Lands**(A-F or Audit; Prereq: Grad student or instr consent)**

53120 001 LEC, 11:45-13:00 TTh, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 FNRM 4232W; Ingrid Schneider ; 4 cr.

53125 002 DIS, 13:55-14:45 Th, Kaufert Laboratory 302, In Person Term Based; Meets With: 002 FNRM 4232W; Ingrid Schneider ; 4 cr.

5412 Advanced Remote Sensing and**Geospatial Analysis****(Student Option; Prereq: 3262 or grad student or instr consent)**

53323 001 LEC, 10:15-11:30 TTh, Green Hall 203, In Person Term Based; Joe Knight ; 3 cr.

5501 Urban Forest Management: Managing Greenspaces for People**(Student Option;)**

52860 001 LEC, 13:55-15:10 MW, Green Hall 19, In Person Term Based; Meets With: 001 FNRM 4501; Gary Johnson ; 3 cr.

8101 Research Problems: Physiological**Ecology****(Student Option; Prereq: instr consent)**

52989 001 IND, 00:00-00:00 , , In Person Term Based; Rebecca Montgomery ; 1-5 cr.

53389 002 IND, 00:00-00:00 , , In Person Term Based; Peter Reich ; 1-5 cr.

8102 Research Problems: Forest-Tree**Genetics****(Student Option;)**

52990 001 IND, 00:00-00:00 , , In Person Term Based;
Andrew David ; 1-5 cr.

8103 Research Problems: Forest Hydrology (Student Option;)

52980 001 IND, 00:00-00:00 , , In Person Term Based; Diana Karwan ; 1-5 cr.

8104 Research Problems: Forest Ecology (Student Option;)

52981 001 IND, 00:00-00:00 , , In Person Term Based; Lee Frelich ; 1-5 cr.
53168 002 IND, 00:00-00:00 , , In Person Term Based; Rebecca Montgomery ; 1-5 cr.
53419 003 IND, 00:00-00:00 , , In Person Term Based; Peter Reich ; 1-5 cr.

8105 Research Problems: Silviculture (Student Option;)

52982 001 IND, 00:00-00:00 , , In Person Term Based; Marcella Windmuller-Campione ; 1-5 cr.

8106 Research Problems: Urban Forestry-- Biology and Management (Student Option;)

52983 001 IND, 00:00-00:00 , , In Person Term Based; Gary Johnson ; 1-5 cr.

8201 Research Problems: Forest Economics (Student Option;)

52984 001 IND, 00:00-00:00 , , In Person Term Based; Howard Hoganson ; 1-5 cr.
53169 002 IND, 00:00-00:00 , , In Person Term Based; Mike Kilgore ; 1-5 cr.

8202 Research Problems: Forest Biometry and Measurements (Student Option;)

52985 001 IND, 00:00-00:00 , , In Person Term Based; Christopher Edgar ; 1-5 cr.
53170 002 IND, 00:00-00:00 , , In Person Term Based; Matthew Russell ; 1-5 cr.

8203 Research Problems: Forest Recreation (Student Option;)

53141 001 IND, 00:00-00:00 , , In Person Term Based; Mae Davenport ; 1-5 cr.
53235 002 IND, 00:00-00:00 , , In Person Term Based; Ingrid Schneider ; 1-5 cr.
70195 003 IND, In Person Term Based; Mike Kilgore ; 1-5 cr.

8204 Research Problems: Forest Policy (Student Option;)

52986 001 IND, 00:00-00:00 , , In Person Term Based; Forrest Fleischman ; 1-5 cr.
53171 002 IND, 00:00-00:00 , , In Person Term Based; Mike Kilgore ; 1-5 cr.
53172 003 IND, 00:00-00:00 , , In Person Term Based; Kristen Nelson ; 1-5 cr.

8205 Research Problems: Spatial Data Analysis (Student Option; Prereq: instr consent)

52987 001 IND, 00:00-00:00 , , In Person Term Based; Paul Bolstad ; 1-5 cr.
53173 002 IND, 00:00-00:00 , , In Person Term Based; Joe Knight ; 1-5 cr.

8206 Research Problems: Forest Management (Student Option;)

52988 001 IND, 00:00-00:00 , , In Person Term Based; Charlie Blinn ; 1-5 cr.
53175 002 IND, 00:00-00:00 , , In Person Term Based; Howard Hoganson ; 1-5 cr.

8207 Economic Analysis of Natural Resource Projects (A-F or Audit; Prereq: instr consent)

53139 001 IND, 00:00-00:00 , , In Person Term Based; Dean Current ; 2 cr.
53176 002 IND, 00:00-00:00 , , In Person Term Based; Mike Kilgore ; 2 cr.

8208 Research Problems: Environmental Learning and Leadership (Student Option; Prereq: instr consent)

53107 001 IND, 00:00-00:00 , , In Person Term Based; Stephan Carlson ; 1-5 cr.
53179 002 IND, 00:00-00:00 , , In Person Term Based; Dean Current ; 1-5 cr.

French (FREN)

100 Reading French in the Arts and Sciences (S-N only;)

50388 001 DIS, 18:20-20:20 Th, Folwell Hall 10, 18:20-20:20 T, Folwell Hall 10, In Person Term Based; Claude Cassagne ; 0 cr.

1001 Beginning French (Student Option;)

49158 001 DIS, 9:05-9:55 MTWThF, Folwell Hall 4, In Person Term Based; Cameron Cook ; 5 cr.
49159 003 DIS, 11:15-12:05 MTWThF, Folwell Hall 6, In Person Term Based; Nathanaelle Loubet-Sruh ; 5 cr.
49160 004 DIS, 8:00-8:50 MTWThF, Folwell Hall 4, In Person Term Based; Jami Watson ; 5 cr.
49161 006 DIS, 18:20-20:25 MTh, Folwell Hall 121, In Person Term Based; Elizabeth Baden ; 5 cr.
51306 005 DIS, 13:25-14:15 MTWThF, Folwell Hall 28, In Person Term Based; Heidi Beckman ; 5 cr.
51722 002 DIS, 10:10-11:00 MTWThF, Folwell Hall 3, In Person Term Based; Clementine Raffy ; 5 cr.

1002 Beginning French

(Student Option No Audit; Prereq: 1001 or equiv)
49162 001 DIS, 00:30-00:30 F, , 10:10-11:00 MTWTh, Folwell Hall 8, In Person Term Based; Rachel Payia-Yang ; 5 cr.
49163 002 DIS, 00:30-00:30 F, , 11:15-12:05 MTWTh, Folwell Hall 8, In Person Term Based; Darren LaScottie ; 5 cr.
49164 003 DIS, 00:30-00:30 F, , 12:20-13:10 MTWTh, Folwell Hall 8, In Person Term Based; Darren LaScottie ; 5 cr.
49165 004 DIS, 00:30-00:30 F, , 13:25-14:15 MTWTh, Kolthoff Hall 139, In Person Term Based; Christopher Holmes ; 5 cr.
49166 005 DIS, 18:20-20:25 MTh, Folwell Hall 120, In Person Term Based; Meets With: 005 FREN 4002; ; 5 cr.

1003 Intermediate French

(Student Option; Prereq: 1002 or Entrance Proficiency Test)
49168 001 DIS, 00:30-00:30 F, , 9:05-9:55 MTWTh, Folwell Hall 28, In Person Term Based; Shiloh Stone ; 5 cr.
49169 003 DIS, 00:30-00:30 F, , 11:15-12:05 MTWTh, Folwell Hall 28, In Person Term Based; Marina Calas ; 5 cr.
49170 005 DIS, 00:30-00:30 F, , 13:25-14:15 MTWTh, Folwell Hall 112, In Person Term Based; Lydia Belateche ; 5 cr.
49451 006 DIS, 18:20-20:25 MTh, Folwell Hall 106, In Person Term Based; C. Brian Barnett ; 5 cr.
49936 002 DIS, 00:30-00:30 F, , 10:10-11:00 MTWTh, Folwell Hall 28, In Person Term Based; Marina Calas ; 5 cr.
49937 004 DIS, 00:30-00:30 F, , 12:20-13:10 MTWTh, Folwell Hall 28, In Person Term Based; Lydia Belateche ; 5 cr.
70260 007 DIS, 00:30-00:30 F, , 11:15-12:05 MTWTh, Peik Hall 165, In Person Term Based; Abraham Lamptey ; 5 cr.

1004 Intermediate French

(Student Option; Prereq: 1003 or Entrance Proficiency Test)
49171 003 LEC, 00:30-00:30 F, , 10:10-11:00 MTWTh, Nicholson Hall 355, In Person Term Based; Rick Treece ; 5 cr.
49172 004 LEC, 00:30-00:30 F, , 11:15-12:05 MTWTh, Kolthoff Hall 136, In Person Term Based; Charlotte Taubel ; 5 cr.
49173 005 LEC, 00:30-00:30 F, , 11:15-12:05 MTWTh, Peik Hall 215, In Person Term Based; Farrah Mahroug ; 5 cr.
49174 007 LEC, 00:30-00:30 F, , 12:20-13:10 MTWTh, Folwell Hall 104, In Person Term Based; Patricia Mougel ; 5 cr.
49175 008 LEC, 00:30-00:30 F, , 13:25-14:15 MTWTh, Folwell Hall 123, In Person Term Based; Meets With: 008 FREN 4004; Patricia Mougel ; 5 cr.
49938 001 LEC, 00:30-00:30 F, , 8:00-8:50 MTWTh, Folwell Hall 10, Partially Online; Charlotte Taubel ; 5 cr.
49939 006 LEC, 00:30-00:30 F, , 12:20-13:10 MTWTh, Kolthoff Hall 139, In Person Term Based; Abou-Bakar Mamah ; 5 cr.
50125 002 LEC, 00:30-00:30 F, , 9:05-9:55 MTWTh, Kolthoff Hall 134, In Person Term Based; Selim Rauer ; 5 cr.

51723 009 LEC, 18:20-20:25 MTh, Folwell Hall 105, In Person Term Based; Trina Whitaker ; 5 cr.

1022 Accelerated Beginning French (Student Option; Prereq: 2 or more yrs high school French)

49382 001 DIS, 13:25-14:15 MTWThF, Folwell Hall 104, In Person Term Based; Rick Treece ; 5 cr.
49437 002 DIS, 11:15-12:05 MTWThF, Folwell Hall 5, In Person Term Based; Rick Treece ; 5 cr.

1501 Gateways to French and Francophone Studies: English Only

(A-F or Audit; Prerequisites. Students who have already completed French 1004 or equivalent may not register for 1501; they must register for 1502. The course has several components. To learn about the historical breadth of French culture and the way it informs cultural and political topics today, students will read at least one significant, complete text from the period before the French Revolution and one from the period after it, discussing them in small groups. An ongoing series of guest presentations throughout the semester will introduce students to the various fields of French and Francophone Studies and the faculty in the Department. In addition, students will participate in two major activities: a "Reacting to the Past" role-playing game set during the French Revolution, and an "Encountering the Present" activity in which they will gather oral histories of French-speaking immigrants.AH,GP)
52339 001 FWK, 14:30-15:45 TTh, Folwell Hall 108, In Person Term Based; Trina Whitaker ; 3 cr.

1502 Gateways to French and Francophone Studies: Bilingual

(A-F or Audit; Prerequisite: French 1004. Students who have not yet completed 1004 should enroll instead in French 1501. The course has several components. To learn about the historical breadth of French culture and the way it informs cultural and political topics today, students will read at least one significant, complete text from the period before the French Revolution and one from the period after it, discussing them in small groups. An ongoing series of guest presentations throughout the semester will introduce students to the various fields of French and Francophone Studies and the faculty in the Department. In addition, students will participate in two major activities: a "Reacting to the Past" role-playing game set during the French Revolution, and an "Encountering the Present" activity in which they will gather oral histories of French-speaking immigrants.AH,GP)
52340 001 FWK, 14:30-15:45 TTh, Folwell Hall 116, In Person Term Based; Christophe Wall-Romana ; 3 cr.

3015 Advanced French Grammar and Communication

(Student Option; Prereq: 1004 or equiv or instr consent)
49177 001 DIS, 10:10-11:00 MWF, Kolthoff Hall 132, In Person Term Based; Travis Wilds ; 3 cr.
49178 002 DIS, 11:15-12:05 MWF, Ford Hall 155, In Person Term Based; Christopher Ice ; 3 cr.
49859 003 DIS, 12:20-13:10 MWF, Peik Hall 215, In Person Term Based; Travis Wilds ; 3 cr.

3016 Advanced French Composition and Communication

(Student Option; Prereq: 3015)
49179 001 LEC, 10:10-11:00 MWF, Peik Hall 28, In Person Term Based; Lydia Belateche ; 3 cr.
49180 002 LEC, 11:15-12:05 MWF, Nicholson Hall 335, In Person Term Based; Agnes Schaffauser ; 3 cr.

3022 The Language and Culture of Business in France

(Student Option; Prereq: 3015; completion of 3016 recommended)
52723 001 DIS, 16:00-18:30 W, Folwell Hall 31, In Person Term Based; Patricia Mougel ; 3 cr.

3101W Methods in French and Francophone Studies

(Student Option; Prereq: 3016 or equivLITR,WI)
49182 001 DIS, 11:15-12:30 TTh, Folwell Hall 31, In Person Term Based; Alexandre Dubois ; 3 cr.
50193 002 DIS, 14:30-15:45 MW, Folwell Hall 8, In Person Term Based; Mary Franklin-Brown ; 3 cr.

3350 Topics in Literature (Student Option; Prereq: 3101)

69339 001 LEC, 14:30-15:45 MW, Folwell Hall 12, In Person Term Based; Travis Wilds ; 3 cr.

3541 Oral Discourse of French

(Student Option; Prereq: 3015, [3500 or Ling 3001 or instr consent])

67743 001 LEC, 9:45-11:00 MW, Folwell Hall 10, In Person Term Based; Meets With: 001 FREN 5541; Betsy Kerr ; 3 cr.

3611 Speaking of Love in Medieval France: Stories, Songs, and Letters

(A-F only; Prereq: FREN 3015GP,LITR)

67744 001 DIS, 11:15-12:30 MW, Folwell Hall 12, In Person Term Based; Meets With: 001 FREN 3711; Mary Franklin-Brown ; 3 cr.

3650 Topics in French/Francophone Cultures

(Student Option; Prereq: 3015)

68204 001 DIS, 9:45-11:00 TTh, Folwell Hall 122, In Person Term Based; C. Brian Barnett ; 3 cr.

3711 Speaking of Love in Medieval France: Stories, Songs, and Letters

(Student Option; GP,LITR)

67745 001 LEC, 11:15-12:30 MW, Folwell Hall 12, In Person Term Based; Meets With: 001 FREN 3611; Mary Franklin-Brown ; 3 cr.

4002 Beginning French

(Student Option;)

70284 005 DIS, 18:20-20:25 MTh, Folwell Hall 120, In Person Term Based; Meets With: 005 FREN 1002; 2 cr.

4004 Intermediate French for Graduate Student Research

(Student Option; Prereq: 1003 or Entrance Proficiency Test)

69967 008 DIS, 00:30-00:30 F , 13:25-14:15 MTWTh, Folwell Hall 123, In Person Term Based; Meets With: 008 FREN 1004; Patricia Mougél; 5 cr.

4101V Honors Capstone Seminar in French and Francophone Studies

(A-F only; Prereq: French 3101W and at least three electives completed.WI)

52389 001 LAB, 14:30-16:25 T, Folwell Hall 28, In Person Term Based; Meets With: 001 FREN 4101W; Ioana Vartolomei Pribiag ; 2 cr.

4101W Capstone Seminar in French and Francophone Studies

(A-F only; Prereq: French 3101W and at least three electives completed.WI)

52390 001 LAB, 14:30-16:25 T, Folwell Hall 28, In Person Term Based; Meets With: 001 FREN 4101V; Ioana Vartolomei Pribiag ; 2 cr.

4110V Honors Capstone Independent Study in French and Francophone Studies

(A-F only; Prereq: [Completion of most major coursework or permission of DUS], candidate for honors in French, instr consentWI)

51237 002 IND, 00:00-00:00 , , Independent/Directed Study; 2-4 cr.

51240 004 IND, 00:00-00:00 , , Independent/Directed Study; 2-4 cr.

51241 005 IND, 00:00-00:00 , , Independent/Directed Study; 2-4 cr.

51243 007 IND, 00:00-00:00 , , Independent/Directed Study; 2-4 cr.

51244 008 IND, 00:00-00:00 , , Independent/Directed Study; 2-4 cr.

51245 009 IND, 00:00-00:00 , , Independent/Directed Study; 2-4 cr.

51246 010 IND, 00:00-00:00 , , Independent/Directed Study; 2-4 cr.

51427 011 IND, 00:00-00:00 , , In Person Term Based; 2-4 cr.

4970 Directed Readings

(Student Option; Prereq: instr consent)

49183 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

50102 002 IND, In Person Term Based; 1-4 cr.

50103 003 IND, In Person Term Based; 1-4 cr.

50104 004 IND, In Person Term Based; 1-4 cr.

50105 005 IND, In Person Term Based; 1-4 cr.

50153 006 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5301 Critical Issues in French Studies

(Student Option; Prereq: Grad or instr consent)

68854 001 LEC, 14:30-17:00 M, Folwell Hall 6, In Person Term Based; Christophe Wall-Romana ; 3 cr.

5470 Post/Colonial Francophone Literatures

(Student Option; Prereq: 3111 or above)

67742 001 LEC, 14:30-17:00 W, Nicholson Hall 120, In Person Term Based; Ioana Vartolomei Pribiag ; 3 cr.

5541 Oral Discourse of French

(Student Option; Prereq: 3015, grad student; Ling 5001 recommended)

68754 001 DIS, 9:45-11:00 MW, Folwell Hall 10, In Person Term Based; Meets With: 001 FREN 3541; Betsy Kerr ; 3 cr.

5995 Directed Teaching

(S-N or Audit; Prereq: instr consent)

68756 001 IND, 12:20-13:10 T, Folwell Hall 30, In Person Term Based; C. Brian Barnett ; 1 cr.

8120 Topics in Later Medieval French Literature

(Student Option; Prereq: 8110 or instr consent)

67748 001 LEC, 14:30-17:00 T, Folwell Hall 119, In Person Term Based; Susan Noakes ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

49543 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

49567 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

49589 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

49611 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: max 18 cr per semester or summer, 24 cr required)

49646 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8980 Directed Teaching

(Student Option;)

49157 001 FWK, In Person Term Based; 1-5 cr.

8992 Directed Readings for Graduate Students

(Student Option; Prereq: instr consent)

49156 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

50106 002 IND, In Person Term Based; 1-5 cr.

50107 003 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

50108 004 IND, In Person Term Based; 1-5 cr.

50109 005 IND, In Person Term Based; 1-5 cr.

8994 Directed Research

(Student Option; Prereq: instr consent; may be taken as tutorial with instr consent)

49374 001 IND, In Person Term Based; 1-5 cr.

French and Italian (FRIT)

Gay, Lesbian, Bisexual, Transg (GLBT)

3212 Dissident Sexualities in U.S. History

(A-F or Audit;)

69312 001 LEC, 13:00-14:15 TTh, Blegen Hall 145, In Person Term Based; Meets With: 001 HIST 3212001 AMST 3212; Kevin Murphy ; 3 cr.

3993 Directed Studies

(A-F or Audit; Prereq: GLBT studies minor, instr consent)

50112 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

4415 Transnational Body Politics

(A-F only; GP)

68142 001 LEC, 16:00-17:15 TTh, Nicholson Hall 125, In Person Term Based; Meets With: 001 GWSS 4415; Aren Aizura ; 3 cr.

5993 Directed Study

(Student Option;)

51478 001 IND, In Person Term Based; 1-12 cr.

Gender, Women, & Sexuality Std (GWSS)

1001 Gender, Power, and Everyday Life

(Student Option;)

52091 001 DIS, 00:00-00:00 , ONLINE, Completely Online; Beaudelaine Pierre ; 3 cr.

1002 Politics of Sex

(Student Option; DSJ,SOCS)

48930 001 LEC, 10:10-11:00 MW, West Bank Skyway 20, In Person Term Based; Sima Shakhshari ; 3-4 cr.

52110 002 DIS, 10:10-11:00 F, Kolthoff Hall 138, In Person Term Based; 3-4 cr.

52112 004 DIS, 11:10-12:00 F, Amundson Hall 158, In Person Term Based; 3-4 cr.

1003W Women Write the World

(Student Option; GP,WI,LITR)

67149 001 DIS, 16:00-17:15 TTh, Fraser Hall 101, In Person Term Based; Simi Kang ; 3 cr.

3002W Gender, Race, and Class in the U.S.

(A-F only; DSJ,WI)

52587 001 DIS, 13:00-14:15 MW, Nicholson Hall 125, In Person Term Based; Lisa Gulya ; 3 cr.

3003 Gender and Global Politics

(Student Option; GP,SOCS)

51410 001 DIS, 17:00-19:30 M, Nicholson Hall 125, In Person Term Based; Richa Nagar ; 3 cr.

3203W Blood, Bodies and Sex

(Student Option; SOCS,WI,TS)

51225 001 LEC, 14:30-15:45 MW, Blegen Hall 10, In Person Term Based; Michelle Garvey ; 3 cr.

3218 Politics of Reproduction

(A-F only;)

68501 001 LEC, 11:15-12:30 TTh, Burton Hall 123, In Person Term Based; Siri Suh ; 3 cr.

3301W Women Writers

(Student Option; LITR,WI)

67155 001 DIS, 13:00-14:15 TTh, Lind Hall 302, In Person Term Based; Eden Torres ; 3 cr.

3306 Pop Culture Women

(Student Option; AH,DSJ)

67158 001 DIS, 16:00-17:15 MW, Burton Hall 120, In Person Term Based; Caitlin Gunn ; 3 cr.

3402 Pleasure, Intimacy and Violence

(Student Option;)

52092 001 DIS, 14:30-15:45 TTh, Akerman Hall 319, In Person Term Based; Meets With: 001 AFRO 3402; Lena Palacios ; 3 cr.

3415 Feminist Perspectives on Domestic Violence and Sexual Assault

(A-F only; DSJ)

67160 001 DIS, 9:45-11:00 TTh, Amundson Hall 116, In Person Term Based; Haley Konitshek ; 3 cr.

3501 Gay, Lesbian, Bisexual and Transgender Social Movements in the United States

(Student Option;)

67161 001 LEC, 11:15-12:30 MW, Ford Hall 150, In Person Term Based; Meets With: 001 GLBT 3301; Joanna Nunez ; 3 cr.

3505V Girls, Girlhood, and Resistance

(A-F only; WI)

68495 001 LEC, 9:45-11:00 MW, Amundson Hall 120, In Person Term Based; Meets With: 001 GWSS 3505W; Lena Palacios ; 0-3 cr.

3505W Girls, Girlhood, and Resistance

(Student Option; WI)

68496 001 DIS, 9:45-11:00 MW, Amundson Hall 120, In Person Term Based; Meets With: 001 GWSS 3505V; Lena Palacios ; 3 cr.

3681 Gender and the Family in the Islamic World

(A-F only; Prereq: At least soph)

67306 001 LEC, 13:00-14:15 TTh, Blegen Hall 155, In Person Term Based; Meets With: 001 SOC 3681001 GLOS 3681001 RELS 3716; Cawo Abdi ; 3 cr.

3993 Directed Study

(Student Option; Prereq instr consent, dept consent, college consent.)

50091 002 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

3994 Directed Research

(Student Option; Prereq instr consent, dept consent, college consent.)

49745 001 IND, In Person Term Based; 1-12 cr.

4103 Transnational Feminist Theories

(Student Option; GP)

52580 001 DIS, 16:00-18:30 M, Amundson Hall 116, In Person Term Based; Meets With: 001 GWSS 5104; Sima Shakhshari ; 3 cr.

4108 Senior Seminar: Writing

(A-F only; Prereq: GWSS major [jr or sr])

51476 001 LEC, 11:15-12:30 F, Ford Hall B60, In Person Term Based; Nithya Rajan ; 1 cr.

4406 Black Feminist Thought in the American and African Diasporas

(Student Option;)

69192 001 DIS, 13:00-14:15 TTh, Blegen Hall 335, In Person Term Based; Meets With: 001 AFRO 4406; Terriion Williamson ; 3 cr.

4415 Transnational Body Politics

(A-F only; GP)

68141 001 LEC, 16:00-17:15 TTh, Nicholson Hall 125, In Person Term Based; Meets With: 001 GLBT 4415; Aren Aizura ; 3 cr.

4980 Directed Instruction

(Student Option;)

49751 001 IND, In Person Term Based; 1-8 cr.

4993 Directed Study

(Student Option; Prereq: Filled out student/faculty contract, instr consent, dept consent, college consent)

49385 001 IND, In Person Term Based; 1-5 cr.

49424 002 IND, In Person Term Based; 1-5 cr.

4994 Directed Research

(Student Option;)

49746 001 IND, In Person Term Based; 1-8 cr.

5104 Transnational Feminist Theory

(Student Option;)

52582 001 DIS, 16:00-18:30 M, Amundson Hall 116, In Person Term Based; Meets With: 001 GWSS 4103; Sima Shakhshari ; 3 cr.

5993 Directed Study

(Student Option;)

51304 001 IND, Independent/Directed Study; 1-12 cr.

5994 Directed Instruction

(Student Option;)

49747 001 IND, In Person Term Based; 1-12 cr.

5995 Directed Research

(Student Option;)

49748 001 IND, In Person Term Based; 1-8 cr.

8210 Seminar: Feminist Theory & Praxis

(Student Option;)

69672 001 LEC, 14:30-17:00 T, Civil Engineering Bldg 214, In Person Term Based; Miranda Joseph ; 3 cr.

8220 Seminar: Science, Technology & Environmental Justice

(Student Option;)

69673 001 DIS, 11:15-13:45 W, Folwell Hall 118, In Person Term Based; Meets With: 006 BTHX 8000; Susan Craddock ; 3 cr.

8260 Seminar: Race, Representation and Resistance

(Student Option; Prereq: Grad student)

69419 001 DIS, 14:30-17:00 Th, Ford Hall B60, In Person Term Based; Lorena Munoz ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

49560 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

49582 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

49606 001 IND, In Person Term Based; 1-6 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

49657 001 IND, In Person Term Based; 1-24 cr.

8993 Directed Study

(Student Option;)

49749 001 IND, In Person Term Based; 1-6 cr.

8994 Directed Instruction

(Student Option;)

49750 001 IND, In Person Term Based; 1-8 cr.

8995 Directed Research

(Student Option;)

49386 001 IND, In Person Term Based; 1-8 cr.

8996 Feminist Studies Colloquium

(S-N or Audit; Prereq: Grad major or minor in feminist studies)

52586 001 LEC, In Person Term Based; 1 cr.

General Dentistry (GEND)

5153 Advanced General Dentistry Seminar III

(S-N or Audit;)

53596 001 LEC, 00:00-00:00 , , In Person Term Based; James Gambucci ; 2-10 cr.

5256 Advanced General Dentistry Clinic III

(S-N or Audit;)

53597 001 FWK, 00:00-00:00 , , In Person Term Based; James Gambucci ; 5-15 cr.

5263 Advanced General Dentistry Clinical Administration III

(S-N or Audit;)

53598 001 FWK, 00:00-00:00 , , In Person Term Based; James Gambucci ; 1-10 cr.

5266 Advanced General Dentistry Clinic VI

(S-N or Audit;)

53599 001 FWK, 00:00-00:00 , , In Person Term Based; James Gambucci, Carol Koskela ; 1-15 cr.

6153 General Practice Seminar III

(S-N or Audit;)

53600 001 LEC, 00:00-00:00 , , In Person Term Based; James Gambucci ; 2-10 cr.

6256 General Practice Clinic III

(S-N or Audit;)

53601 001 FWK, 00:00-00:00 , , In Person Term Based; James Gambucci ; 10-15 cr.

6263 General Practice Clinical

Administration III

(S-N or Audit;)

53602 001 FWK, 00:00-00:00 , , In Person Term Based; James Gambucci ; 5-10 cr.

6266 General Practice Clinic VI

(S-N or Audit;)

53603 001 FWK, 00:00-00:00 , , In Person Term Based; James Gambucci ; 10-15 cr.

Genetics, Cell Biol/Developmnt (GCD)

3022 Genetics

(Student Option; Prereq: BIOL 2002 or BIOL 1009)

46900 001 LEC, 12:20-13:10 MWF, Molecular Cellular Biol 3-120, In Person Term Based; York Marahrens ; 3 cr.
46989 002 LEC, 9:45-11:00 TTh, Anderson Hall 310, In Person Term Based; Nikunj Somia ; 3 cr.

3033 Principles of Cell Biology

(A-F only; Prereq: BIOL 1009 or equiv)

47020 001 LEC, 9:45-11:00 TTh, Bruininks Hall 412, In Person Term Based; G.W. Gant Luxton ; 3 cr.
67520 002 LEC, 8:15- 9:30 MW, Tate Hall 105, In Person Term Based; Sean Conner ; 3 cr.

3485 Bioinformatic Analysis: Introduction to the Computational Characterization of Genes and Proteins

(A-F only; Prereq: One semester of college biology)

46981 001 LAB, 8:15- 9:30 TTh, Bruininks Hall 131A, In Person Term Based; David Matthes ; 3 cr.

4005W Cell Biology-Writing Intensive

(A-F only; Prereq: GCD major,3020, 4003WI)

47031 001 DIS, 9:05- 9:55 Th, Bruininks Hall 530A, 9:05-9:55 MWF, Bruininks Hall 131B, In Person Term Based; Deanna Koeppe ; 4 cr.

4025 Cell Biology, Development & Regeneration Laboratory

(Student Option; Prereq: Biol 4004 or instr consent)

46678 002 LAB, 12:20-16:25 M, Molecular Cellular Biol 2-124, In Person Term Based; Karen Echeverri ; 3 cr.
46841 001 LEC, 11:15-12:05 M, Molecular Cellular Biol 2-120, In Person Term Based; Karen Echeverri ; 3 cr.
46913 003 LAB, 12:20-16:25 W, Molecular Cellular Biol 2-124, In Person Term Based; Karen Echeverri ; 3 cr.

4034 Molecular Genetics and Genomics

(Student Option;)

46661 001 LEC, 13:00-14:15 MW, Bruininks Hall 432B, In Person Term Based; David Zarkower ; 3 cr.

4111 Histology: Cell and Tissue Organization

(Student Option; Prereq: 3033 or Biol 4004 or instr consent)

46576 001 LEC, 9:45-11:00 TTh, Molecular Cellular Biol 2-122, In Person Term Based; Jan Norrander ; 4 cr.
46577 002 LAB, 11:15-12:55 TTh, Molecular Cellular Biol 3-146, In Person Term Based; Jan Norrander ; 4 cr.

4134 Endocrinology

(Student Option; Prereq: BIOL 3211 or BIOC 3021 or BIOC 3022 or BIOC 4331 or instr consent)

46842 001 LEC, 16:00-17:15 MW, Ford Hall 130, In Person Term Based; Victoria Iwanij ; 3 cr.

4143 Human Genetics

(Student Option; Prereq: 3022 or Biol 4003 or instr consent)

46601 001 LEC, 9:45-11:00 TTh, Mayo Bldg & Additions C231, In Person Term Based; William Oetting, Frank Albert ; 3 cr.

4151 Molecular Biology of Cancer

(A-F or Audit; Prereq: Biol 4003)

46755 001 LEC, 14:30-15:45 TTh, Jackson Hall 2-137, In Person Term Based; Tim Starr, Vivian Bardwell ; 3 cr.

4171 Stem Cells in Biology and Medicine

(A-F only; Prereq: BIOL 4003, [BIOL 4004 or concurrent registration is required (or allowed) in BIOL 4004 or instr consent])

47019 001 LEC, 10:10-11:00 MWF, Molecular Cellular Biol 2-120, In Person Term Based; Jeffrey Simon, Laura Gammlil ; 3 cr.

4793W Directed Studies: Writing Intensive

(S-N or Audit; Prereq: instr consent, dept consentWI)

46659 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

4794W Directed Research: Writing Intensive

(S-N or Audit; Prereq: instr consent, dept consent)WI)
46660 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

4993 Directed Studies

(S-N or Audit; Prereq: instr consent, dept consent)
46599 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

4994 Directed Research

(S-N or Audit; Prereq: instr consent, dept consent)
46598 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8003 Genetic Counseling Clinical

Internship III
(A-F only;)
47151 001 FWK, In Person Term Based; Bonnie LeRoy ; 5 cr.

8008 Mammalian Gene Transfer and Genome Engineering

(A-F or Audit; Prereq: instr consent)
58266 001 DIS, 9:05-11:00 T, Moos Health Sci Tower 2-118, In Person Term Based; R Mc Ivor ; 2 cr.

8073 Genetics & Genomics in Human

Health
(Student Option; Prereq: 8131 or BIOL 4003 or instr consent)
46622 001 LEC, 13:00-14:15 MW, Amundson Hall 240, In Person Term Based; Heather Zierhut ; 3 cr.

8161 Advanced Cell Biology and Development

(A-F only; Prereq:[BMBB or MCDBG grad student] or [GCD 4161, [GCD 8131 or Biol 4003], Biol 4004, and GCD 4034] or instr consent)
46585 001 LEC, 9:45-11:00 TTh, Bruininks Hal 121, In Person Term Based; Laura Gammill ; 3 cr.

8900 Seminar

(S-N or Audit; Prereq: Grad MCDG major or instr consent)
46602 001 LEC, 12:15-13:15 Th, Nils Hasselmo Hall 2-101, In Person Term Based; Thomas Neufeld ; 1-2 cr.

8912 Genetic Counseling in Practice

(A-F or Audit; Prereq: MCDG MS student with genetic counseling specialization or instr consent)
46901 001 LEC, 10:10-12:05 MW, Amundson Hall 240, In Person Term Based; Heather Zierhut ; 4 cr.

8914 Ethical and Legal Issues in Genetic Counseling

(A-F or Audit; Prereq: MCDG MS student with genetic counseling specialization or instr consent)
46586 001 LEC, 15:35-18:00 W, Molecular Cellular Biol 2-122, In Person Term Based; Meets With: 001 BTHX 8114; Bonnie LeRoy ; 3 cr.

8915 Psychosocial Issues in Genetic Counseling II

(A-F only;)
68080 001 LEC, 13:00-15:30 Th, Weaver-Densford Hall W2-110, In Person Term Based; Krista Redlinger-Grosse ; 3 cr.

8920 Special Topics

(Student Option;)
68246 001 DIS, 15:35-17:30 W, Mondale Hall N209, In Person Term Based; Meets With: 001 LAW 6824004 BTHX 8000; June Carbone, Brian Van Ness ; 1-4 cr.
68247 002 DIS, 8:15- 9:30 TTh, Bruininks Hall 530B, In Person Term Based; Ran Blekhan, Frank Albert ; 1-4 cr.

8993 Directed Studies

(Student Option; Prereq: MCDG MS student with genetic counseling specialization or instr consent)
46603 001 IND, 9:30-11:30 Th, Moos Health Sci Tower 4-128, In Person Term Based; Betsy Hirsch ; 1-5 cr.
46990 002 IND, 12:00-14:00 Th, Moos Health Sci Tower 4-128, In Person Term Based; Matt Bower ; 1-5 cr.

8994 Research

(S-N or Audit; Prereq: MCDG MS student with genetic counseling specialization or instr consent)
46604 001 IND, 8:00- 9:15 M, Room TBA, In Person Term Based; Bonnie LeRoy ; 1-5 cr.

Geographic Information Science (GIS)**5530 GIS Internship**

(S-N only; Prereq: instr consent, strong GIS/mapping skills)
50771 001 FWK, 00:00-00:00 , , Independent/Directed Study; Susanna McMaster ; 1-3 cr.

5572 ArcGIS II

(Student Option; Prereq: [5571, [GEOG 5561 or equiv], in MGIS program] or instr consent)
49838 001 LEC, 18:00-20:50 Th, Blegen Hall 455, In Person Term Based; Mark Lindberg ; 3 cr.

5576 Spatial Digital Humanities

(Student Option;)
68138 001 LEC, 17:30-20:00 M, Blegen Hall 455, In Person Term Based; Ryan Matkke ; 3 cr.

5577 Spatial Database Design and Administration

(Student Option; Prereq: instr consent)
68139 001 LAB, 18:20-20:50 T, Blegen Hall 455, In Person Term Based; David Haynes ; 3 cr.

8990 Research Problems in GIS

(A-F only; Prereq: MGIS student, instr consent)
49845 001 IND, 00:00-00:00 , , In Person Term Based; Susanna McMaster ; 1-6 cr.
50945 015 IND, 00:00-00:00 , , In Person Term Based; Steven Manson ; 1-6 cr.
51675 005 IND, In Person Term Based; Kathryn Grace ; 1-6 cr.
51676 007 IND, 00:00-00:00 , , In Person Term Based; Len Kne ; 1-6 cr.
51677 010 IND, 00:00-00:00 , , In Person Term Based; Mark Lindberg ; 1-6 cr.
69438 003 IND, In Person Term Based; Somayeh Dodge ; 1-6 cr.
69439 006 IND, In Person Term Based; David Haynes ; 1-6 cr.
69440 017 IND, In Person Term Based; Jeffrey Matson ; 1-6 cr.
69441 020 IND, In Person Term Based; Ryan Matkke ; 1-6 cr.
69442 022 IND, In Person Term Based; Eric Shook ; 1-6 cr.
69443 025 IND, In Person Term Based; Ying Song ; 1-6 cr.
69444 027 IND, In Person Term Based; Daniel Sward ; 1-6 cr.

Geography (GEOG)**1301W Our Globalizing World**

(Student Option; GP,WI,SOCS)
48818 001 LEC, 14:30-15:20 TTh, Anderson Hall 230, In Person Term Based; Kate Derickson ; 3 cr.
48819 003 DIS, 15:35-16:25 Th, Blegen Hall 125, In Person Term Based; 3 cr.
48820 004 DIS, 15:35-16:25 Th, Blegen Hall 230, In Person Term Based; 3 cr.
48821 006 DIS, 13:25-14:15 F, Blegen Hall 225, In Person Term Based; 3 cr.
69926 005 DIS, 15:35-16:25 T, Blegen Hall 425, In Person Term Based; 3 cr.

1372 Geography of Global Cities

(Student Option; GP,SOCS)
51221 001 LEC, 13:00-14:15 MW, Anderson Hall 330, In Person Term Based; Lalit Batra ; 3 cr.

1403 Biogeography of the Global Garden

(Student Option; BIOL,ENV)
48955 001 LEC, 11:15-12:30 MW, Willey Hall 175, In Person Term Based; Daniel Griffin ; 4 cr.
48956 003 LAB, 8:00- 9:55 Th, Blegen Hall 455, In Person Term Based; 4 cr.
48957 004 LAB, 10:10-12:05 T, Blegen Hall 455, In Person Term Based; 4 cr.
48958 006 LAB, 8:00- 9:55 F, Social Sciences Building 628, In Person Term Based; 4 cr.
48959 008 LAB, 19:00-20:55 M, Social Sciences Building 628, In Person Term Based; 4 cr.
48960 010 LAB, 12:20-14:15 T, Social Sciences Building 628, In Person Term Based; 4 cr.
48961 011 LAB, 12:20-14:15 Th, Social Sciences Building 628, In Person Term Based; 4 cr.
49531 002 LAB, 8:00- 9:55 T, Blegen Hall 455, In Person Term Based; 4 cr.
49532 009 LAB, 19:00-20:55 W, Blegen Hall 455, In Person Term Based; 4 cr.

49861 005 LAB, 10:10-12:05 Th, Blegen Hall 455, In Person Term Based; 4 cr.
49862 012 LAB, 13:25-15:20 M, Lab TBA, In Person Term Based; 4 cr.
50351 013 LAB, 8:00- 9:55 F, Blegen Hall 455, In Person Term Based; 4 cr.
50352 014 LAB, 10:10-12:05 F, Social Sciences Building 628, In Person Term Based; 4 cr.
50355 015 LAB, 8:00- 9:55 W, Social Sciences Building 628, In Person Term Based; 4 cr.
50356 016 LAB, 10:10-12:05 T, Social Sciences Building 628, In Person Term Based; 4 cr.
50357 017 LAB, 8:00- 9:55 M, Blegen Hall 455, In Person Term Based; 4 cr.
50358 018 LAB, 14:30-16:25 Th, Social Sciences Building 628, In Person Term Based; 4 cr.
51350 007 LAB, 16:00-17:55 W, Social Sciences Building 628, In Person Term Based; 4 cr.

1425 Introduction to Weather and Climate

(Student Option; ENV,PHYS)
50025 001 LEC, 15:35-16:25 MWF, Bruininks Hall 412, In Person Term Based; Meets With: 001 ESPM 1425; Tracy Twine, Peter Snyder ; 4 cr.
50186 002 LAB, 16:40-17:30 M, Bruininks Hall 412, In Person Term Based; Meets With: 002 ESPM 1425; Tracy Twine, Peter Snyder ; 4 cr.
50350 003 LAB, 16:40-17:30 W, Bruininks Hall 412, In Person Term Based; Meets With: 003 ESPM 1425; Tracy Twine, Peter Snyder ; 4 cr.

1502 Mapping Our World

(Student Option; SOCS,TS)
50026 001 LEC, Completely Online; Eric Shook ; 3 cr.

3211 East Asia

(Student Option;)
52705 001 LEC, 11:15-12:30 TTh, Hubert H. Humphrey School 15, In Person Term Based; Ying Song ; 3 cr.

3371W Cities, Citizens, and Communities

(Student Option; DSJ,WI)
49917 001 LEC, 9:45-11:00 TTh, Anderson Hall 250, In Person Term Based; Kate Derickson ; 4 cr.

3373 Changing Form of the City

(Student Option; GP,HIS)
69467 001 LEC, 14:30-15:45 TTh, Blegen Hall 255, In Person Term Based; Hillary Waters ; 3 cr.

3377 Music in the City

(A-F or Audit; AH,DSJ)
51470 001 LEC, 9:45-11:00 MW, Blegen Hall 125, In Person Term Based; Arun Saldanha ; 3 cr.

3379 Environment and Development in the

Third World
(A-F or Audit; Prereq: Soph or jr or srENV,SOCS)
51674 001 LEC, 17:00-19:30 Th, Anderson Hall 230, In Person Term Based; Meets With: 001 GLOS 3303; Joseph Getzoff ; 3 cr.

3381W Population in an Interacting World

(Student Option; GP,WI,SOCS)
50291 001 LEC, 14:30-15:45 TTh, Blegen Hall 10, In Person Term Based; Meets With: 001 GLOS 3701W; Julia Corwin ; 4 cr.

3401 Geography of Environmental Systems and Global Change

(A-F or Audit; ENV)
50027 001 LEC, 9:05- 9:55 MWF, Blegen Hall 317, In Person Term Based; Meets With: 001 GEOG 5401; Katherine Klink ; 4 cr.

3423 Urban Climatology

(A-F only;)
68758 001 LEC, 11:15-12:30 MW, Blegen Hall 415, In Person Term Based; Katherine Klink ; 3 cr.

3431 Plant and Animal Geography

(Student Option;)
69104 001 LEC, 11:15-12:30 TTh, Hubert H. Humphrey School 60, In Person Term Based; Kurt Kipfmuller ; 3 cr.

3511 Principles of Cartography

(Student Option; Prereq: 3 cr in geog or instr consent)
51344 002 LAB, 13:00-14:55 M, Blegen Hall 455, In Person Term Based; Meets With: 002 GEOG 5511; 4 cr.
51345 003 LAB, 11:15-13:10 F, Blegen Hall 455, In Person Term Based; Meets With: 003 GEOG 5511; 4 cr.
52118 001 LEC, 11:15-12:30 MW, Blegen Hall 425, In Person Term Based; Meets With: 001 GEOG 5511; Mark Lindberg ; 4 cr.

3541 Principles of Geocomputing

(Student Option;)

70136 001 LEC, 13:00-14:15 TTh, Blegen Hall 455, In Person Term Based; Eric Shook ; 3 cr.

3561 Principles of Geographic Information Science

(Student Option; Prereq: Jr or sr)

70149 001 LEC, 14:30-15:45 MW, Blegen Hall 430, In Person Term Based; Kwame Adovor Tsikudo ; 4 cr.
70150 002 LAB, 16:00-17:55 W, Blegen Hall 445, In Person Term Based; 4 cr.**3992 Directed Reading**

(Student Option; Prereq-instr consent, dept consent, college consent.)

49346 001 IND, In Person Term Based; 1-8 cr.

3993 Directed Studies

(Student Option; Prereq-instr consent, dept consent, college consent.)

49345 001 IND, In Person Term Based; 1-8 cr.

3993H Honors: Directed Studies

(Student Option; Prereq honors, instr consent, dept consent, college consent.)

49703 001 IND, In Person Term Based; 1-8 cr.

3994 Directed Research

(Student Option; Prereq instr consent, dept consent, college consent.)

49347 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

3994H Honors: Directed Research

(Student Option; Prereq honors, instr consent, dept consent, college consent.)

49704 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

3996 Senior Project Directed Research

(A-F only; Prereq instr consent,dept consent,college consent.)

68974 001 IND, In Person Term Based; Bruce Braun ; 3-4 cr.
68975 002 IND, In Person Term Based; Kate Derickson ; 3-4 cr.
68976 003 IND, In Person Term Based; Somayeh Dodge ; 3-4 cr.
68977 004 IND, In Person Term Based; Vinay Gidwani ; 3-4 cr.
68978 005 IND, In Person Term Based; Kathryn Grace ; 3-4 cr.
68979 006 IND, In Person Term Based; Daniel Griffin ; 3-4 cr.
68980 007 IND, In Person Term Based; George Henderson ; 3-4 cr.
68981 008 IND, In Person Term Based; Kurt Kipfmuller ; 3-4 cr.
68982 009 IND, In Person Term Based; Katherine Klink ; 3-4 cr.
68983 010 IND, In Person Term Based; Mark Lindberg ; 3-4 cr.
68984 011 IND, In Person Term Based; 3-4 cr.
68985 012 IND, In Person Term Based; 3-4 cr.
68986 013 IND, In Person Term Based; Arun Saldanha ; 3-4 cr.
68987 014 IND, In Person Term Based; Abdi Samatar ; 3-4 cr.
68988 015 IND, In Person Term Based; Eric Shook ; 3-4 cr.
68989 016 IND, In Person Term Based; Ying Song ; 3-4 cr.
68990 017 IND, In Person Term Based; Roderick Squires ; 3-4 cr.
68991 018 IND, In Person Term Based; 3-4 cr.
68992 019 IND, In Person Term Based; 3-4 cr.**3996H Honors: Senior Project Directed Research**

(A-F only; Prereq instr consent, dept consent, college consent.)

69022 001 IND, In Person Term Based; Bruce Braun ; 3-4 cr.
69023 002 IND, In Person Term Based; Kate Derickson ; 3-4 cr.
69024 003 IND, In Person Term Based; Somayeh Dodge ; 3-4 cr.
69025 004 IND, In Person Term Based; Vinay Gidwani ; 3-4 cr.
69026 005 IND, In Person Term Based; Kathryn Grace ; 3-4 cr.
69027 006 IND, In Person Term Based; Daniel Griffin ; 3-4 cr.
69028 007 IND, In Person Term Based; George Henderson ; 3-4 cr.
69029 008 IND, In Person Term Based; Kurt Kipfmuller ; 3-4 cr.
69030 009 IND, In Person Term Based; Katherine Klink ; 3-4 cr.69031 010 IND, In Person Term Based; Mark Lindberg ; 3-4 cr.
69032 011 IND, In Person Term Based; 3-4 cr.
69033 012 IND, In Person Term Based; 3-4 cr.
69034 013 IND, In Person Term Based; Arun Saldanha ; 3-4 cr.
69035 014 IND, In Person Term Based; Abdi Samatar ; 3-4 cr.
69036 015 IND, In Person Term Based; Eric Shook ; 3-4 cr.
69037 016 IND, In Person Term Based; Ying Song ; 3-4 cr.
69038 017 IND, In Person Term Based; Roderick Squires ; 3-4 cr.
69039 018 IND, In Person Term Based; 3-4 cr.
69040 019 IND, In Person Term Based; 3-4 cr.**3997 Senior Project**

(A-F only; Prereq instr consent, dept consent, college consent.)

69063 001 IND, In Person Term Based; Bruce Braun ; 2 cr.
69064 002 IND, In Person Term Based; Kate Derickson ; 2 cr.
69065 003 IND, In Person Term Based; Somayeh Dodge ; 2 cr.
69066 004 IND, In Person Term Based; Vinay Gidwani ; 2 cr.
69067 005 IND, In Person Term Based; Kathryn Grace ; 2 cr.
69068 006 IND, In Person Term Based; Daniel Griffin ; 2 cr.
69069 007 IND, In Person Term Based; George Henderson ; 2 cr.
69070 008 IND, In Person Term Based; Kurt Kipfmuller ; 2 cr.
69071 009 IND, In Person Term Based; Katherine Klink ; 2 cr.
69072 010 IND, In Person Term Based; Mark Lindberg ; 2 cr.
69073 011 IND, In Person Term Based; 2 cr.
69074 012 IND, In Person Term Based; 2 cr.
69075 013 IND, In Person Term Based; Arun Saldanha ; 2 cr.
69076 014 IND, In Person Term Based; Abdi Samatar ; 2 cr.
69077 015 IND, In Person Term Based; Eric Shook ; 2 cr.
69078 016 IND, In Person Term Based; Ying Song ; 2 cr.
69079 017 IND, In Person Term Based; Roderick Squires ; 2 cr.
69080 018 IND, In Person Term Based; 2 cr.
69081 019 IND, In Person Term Based; 2 cr.**3997H Honors: Senior Project**

(A-F only; Prereq instr consent, dept consent, college consent.)

69127 001 IND, In Person Term Based; Bruce Braun ; 2 cr.
69128 002 IND, In Person Term Based; Kate Derickson ; 2 cr.
69129 003 IND, In Person Term Based; Somayeh Dodge ; 2 cr.
69130 004 IND, In Person Term Based; Vinay Gidwani ; 2 cr.
69131 005 IND, In Person Term Based; Kathryn Grace ; 2 cr.
69132 006 IND, In Person Term Based; Daniel Griffin ; 2 cr.
69133 007 IND, In Person Term Based; George Henderson ; 2 cr.
69134 008 IND, In Person Term Based; Kurt Kipfmuller ; 2 cr.
69135 009 IND, In Person Term Based; Katherine Klink ; 2 cr.
69136 010 IND, In Person Term Based; Mark Lindberg ; 2 cr.
69137 011 IND, In Person Term Based; 2 cr.
69138 012 IND, In Person Term Based; 2 cr.
69139 013 IND, In Person Term Based; Arun Saldanha ; 2 cr.
69140 014 IND, In Person Term Based; Abdi Samatar ; 2 cr.
69141 015 IND, In Person Term Based; Eric Shook ; 2 cr.
69142 016 IND, In Person Term Based; Ying Song ; 2 cr.
69143 017 IND, In Person Term Based; Roderick Squires ; 2 cr.
69144 018 IND, In Person Term Based; 2 cr.
69145 019 IND, In Person Term Based; 2 cr.**4002W Environmental Thought and Practice**

(Student Option; Prereq: Jr or srWI)

50414 001 LEC, 9:45-11:00 MW, Carlson School of Mgmt 2-233, In Person Term Based; Bruce Braun ; 3 cr.

5361 Geography and Real Estate

(Student Option;)

68193 001 LEC, 13:25-15:20 ThF, Blegen Hall 230, In Person Term Based; Roderick Squires ; 4 cr.

5401 Geography of Environmental Systems and Global Change

(Student Option; Prereq: grad student or instr consent)

69113 001 LEC, 9:05- 9:55 MWF, Blegen Hall 317, In Person Term Based; Meets With: 001 GEOG 3401; Katherine Klink ; 4 cr.

5426 Climatic Variations

(Student Option; Prereq: 1425 or 3401 or instr consent)

69589 001 LEC, 9:45-11:00 MW, Social Sciences Building 167, In Person Term Based; Scott St. George ; 3 cr.

5511 Principles of Cartography

(Student Option;)

51346 001 LEC, 11:15-12:30 MW, Blegen Hall 425, In Person Term Based; Meets With: 001 GEOG 3511; Mark Lindberg ; 4 cr.
51347 002 LAB, 13:00-14:55 M, Blegen Hall 455, In Person Term Based; Meets With: 002 GEOG 3511; 4 cr.
51348 003 LAB, 11:15-13:10 F, Blegen Hall 455, In Person Term Based; Meets With: 003 GEOG 3511; 4 cr.**5541 Principles of Geocomputing**

(A-F or Audit;)

70137 001 LEC, 13:00-14:15 TTh, Hubert H. Humphrey School 20, In Person Term Based; Eric Shook ; 3 cr.

5564 Urban Geographic Information Science and Analysis

(Student Option; Prereq: 3561 or 5561)

52706 001 LEC, 14:30-15:45 Th, Blegen Hall 455, 14:30-15:45 T, Blegen Hall 330, In Person Term Based; Ying Song ; 3 cr.

8294 Spatiotemporal Modeling and Simulation

(Student Option;)

69707 001 LEC, 13:00-15:30 W, Blegen Hall 155, In Person Term Based; Somayeh Dodge ; 3 cr.

8333 FTE: Masters

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

49544 001 IND, In Person Term Based; 1 cr.

8405 Seminar: Graduate Student Professional Development

(S-N or Audit; Prereq: Geography grad student)

52089 001 LEC, 14:30-15:30 T, Social Sciences Building 278, In Person Term Based; Kurt Kipfmuller ; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

49568 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

49593 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

49612 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

49591 001 IND, In Person Term Based; 1-24 cr.

8970 Directed Readings

(Student Option; Prereq: dept consent)

50206 010 IND, 00:00-00:00 , , In Person Term Based; Bruce Braun ; 1-5 cr.
50207 015 IND, 00:00-00:00 , , In Person Term Based; Somayeh Dodge ; 1-5 cr.
50209 025 IND, 00:00-00:00 , , In Person Term Based; Vinay Gidwani ; 1-5 cr.
50210 030 IND, 00:00-00:00 , , In Person Term Based; Kathryn Grace ; 1-5 cr.
50212 040 IND, 00:00-00:00 , , In Person Term Based; George Henderson ; 1-5 cr.
50213 045 IND, 00:00-00:00 , , In Person Term Based; Kurt Kipfmuller ; 1-5 cr.
50214 050 IND, 00:00-00:00 , , In Person Term Based; Katherine Klink ; 1-5 cr.
50216 060 IND, 00:00-00:00 , , In Person Term Based; Mark Lindberg ; 1-5 cr.
50217 065 IND, 00:00-00:00 , , In Person Term Based; Steven Manson ; 1-5 cr.
50219 075 IND, 00:00-00:00 , , In Person Term Based; Robert Mc Master ; 1-5 cr.
50220 080 IND, 00:00-00:00 , , In Person Term Based; Susanna McMaster ; 1-5 cr.
50222 090 IND, 00:00-00:00 , , In Person Term Based; Arun Saldanha ; 1-5 cr.
50223 095 IND, 00:00-00:00 , , In Person Term Based; Abdi Samatar ; 1-5 cr.
50224 100 IND, 00:00-00:00 , , In Person Term Based; Eric Shook ; 1-5 cr.
50226 110 IND, 00:00-00:00 , , In Person Term Based; Ying Song ; 1-5 cr.

50227 115 IND, 00:00-00:00 , , In Person Term Based;
Roderick Squires ; 1-5 cr.
50228 120 IND, 00:00-00:00 , , In Person Term Based; Scott
St. George ; 1-5 cr.

8980 Topics in Geography

(Student Option; Prereq: instr consent)
52133 001 LEC, 14:30-17:00 M, Social Sciences Building
360, In Person Term Based; Meets With: 001 ANTH 8980;
Bruce Braun ; 1-3 cr.
68762 002 LEC, 13:30-16:30 W, Social Sciences Building
360, In Person Term Based; Vinay Gidwani ; 1-3 cr.

8990 Research Problems in Geography

(Student Option; Prereq: dept consent)
50232 010 IND, 00:00-00:00 , , In Person Term Based; Bruce
Braun ; 1-5 cr.
50233 015 IND, 00:00-00:00 , , In Person Term Based;
Somayah Dodge ; 1-5 cr.
50235 025 IND, 00:00-00:00 , , In Person Term Based; Vinay
Gidwani ; 1-5 cr.
50236 030 IND, 00:00-00:00 , , In Person Term Based;
Kathryn Grace ; 1-5 cr.
50238 040 IND, 00:00-00:00 , , In Person Term Based;
George Henderson ; 1-5 cr.
50239 045 IND, 00:00-00:00 , , In Person Term Based; Kurt
Kipfmuller ; 1-5 cr.
50240 050 IND, 00:00-00:00 , , In Person Term Based;
Katherine Klink ; 1-5 cr.
50242 060 IND, 00:00-00:00 , , In Person Term Based; Mark
Lindberg ; 1-5 cr.
50243 065 IND, 00:00-00:00 , , In Person Term Based;
Steven Manson ; 1-5 cr.
50245 075 IND, 00:00-00:00 , , In Person Term Based;
Robert Mc Master ; 1-5 cr.
50246 080 IND, In Person Term Based; Susanna McMaster ;
1-5 cr.
50248 090 IND, 00:00-00:00 , , In Person Term Based; Arun
Saldanha ; 1-5 cr.
50249 095 IND, 00:00-00:00 , , In Person Term Based; Abdi
Samatar ; 1-5 cr.
50250 100 IND, 00:00-00:00 , , In Person Term Based; Eric
Shook ; 1-5 cr.
50252 110 IND, 00:00-00:00 , , In Person Term Based; Ying
Song ; 1-5 cr.
50253 115 IND, 00:00-00:00 , , In Person Term Based;
Roderick Squires ; 1-5 cr.
50254 120 IND, 00:00-00:00 , , In Person Term Based; Scott
St. George ; 1-5 cr.

Geriatrics (GERI)

7100 Oral Health Services for Older Adults Seminar

(Student Option;)
53558 001 LEC, 00:00-00:00 , , In Person Term Based;
Stephen Shuman ; 2 cr.

7200 Advanced Clinical Geriatric Dentistry (A-F or Audit;)

53557 001 FWK, 00:00-00:00 , , In Person Term Based;
Stephen Shuman ; 1-10 cr.

7210 Geriatric Hospital Dentistry

(Student Option;)
53559 001 FWK, 00:00-00:00 , , In Person Term Based; John
Ofstehage ; 1-6 cr.

German (GER)

1001 Beginning German

(Student Option;)
49007 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 18, In
Person Term Based; Meets With: 001 GER 4001; Ari
Hoptman ; 5 cr.
49008 002 DIS, 9:05- 9:55 MTWThF, Folwell Hall 120, In
Person Term Based; Meets With: 002 GER 4001; Jennifer
Peterson ; 5 cr.
49822 004 DIS, 18:20-20:25 MW, Folwell Hall 103, In Person
Term Based; Meets With: 004 GER 4001; DeeAnn Sime ;
5 cr.
50288 003 DIS, 12:20-13:10 MTWThF, Folwell Hall 120,
In Person Term Based; Meets With: 003 GER 4001;
Jacqueline Listemaa ; 5 cr.

1002 Beginning German

(Student Option; Prereq: 1001)
49021 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 16, In
Person Term Based; Meets With: 001 GER 4002; Kirk
Martinson ; 5 cr.

49022 002 DIS, 10:10-11:00 MTWThF, Folwell Hall 30, In
Person Term Based; Meets With: 002 GER 4002; Jennifer
Carnell ; 5 cr.

49023 003 DIS, 12:20-13:10 MTWThF, Folwell Hall 5, In
Person Term Based; Meets With: 003 GER 4002; DeeAnn
Sime ; 5 cr.

49024 004 DIS, 14:30-15:20 MTWThF, Folwell Hall 105, In
Person Term Based; Meets With: 004 GER 4002; DeeAnn
Sime ; 5 cr.

49025 005 DIS, 18:20-20:25 MW, Folwell Hall 104, In Person
Term Based; Meets With: 005 GER 4002; Kirk Martinson ;
5 cr.

1003 Intermediate German

(Student Option; Prereq: 1002 or Entrance Proficiency
Test)

49026 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 106, In
Person Term Based; Meets With: 001 GER 4003; Beth
Kautz ; 5 cr.

49027 002 DIS, 11:15-12:05 MTWThF, Nicholson Hall
355, In Person Term Based; Meets With: 002 GER 4003;
Zizanie Bodene-Yost ; 5 cr.

49823 003 DIS, 13:25-14:15 MTWThF, Koltthoff Hall 132,
In Person Term Based; Meets With: 003 GER 4003; Ari
Hoptman ; 5 cr.

51267 004 DIS, 18:20-20:25 TTh, Folwell Hall 18, In Person
Term Based; Meets With: 004 GER 4003; Ari Hoptman ; 5
cr.

1004 Intermediate German

(Student Option; Prereq: 1003 or completion of
Entrance Proficiency Test at 1004 level)

49028 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 105, In
Person Term Based; Meets With: 001 GER 4004; Amanda
Wolfson ; 5 cr.

49029 002 DIS, 9:05- 9:55 MTWThF, Folwell Hall 5, In
Person Term Based; Meets With: 002 GER 4004; Eric
Baker ; 5 cr.

49030 003 DIS, 12:20-13:10 MTWThF, Folwell Hall 4, In
Person Term Based; Meets With: 003 GER 4004; Virginia
Steinhagen ; 5 cr.

49031 004 DIS, 13:25-14:15 MTWThF, Folwell Hall 8, In
Person Term Based; Meets With: 004 GER 4004; Virginia
Steinhagen ; 5 cr.

49032 005 DIS, 18:20-20:25 TTh, Folwell Hall 3, In Person
Term Based; Meets With: 005 GER 4004; Eric Baker ; 5 cr.

1022 Beginning German Review

(Student Option; Prereq: Placement above 1001)

49592 001 DIS, 12:20-13:10 MTWThF, Folwell Hall 16, In
Person Term Based; Jennifer Peterson ; 5 cr.

1911W Film, Art, & Politics in Berlin: Urban Space & Culture, 1900-Now

(Student Option No Audit; GP,WI)
67498 001 DIS, 16:00-19:30 T, Folwell Hall 106, In Person
Term Based; Rick Mc Cormick ; 3 cr.

3011W Conversation and Composition

(Student Option; Prereq: 1004WI)
49053 001 DIS, 10:10-12:05 WF, Amundson Hall 156, In
Person Term Based; Karsten Olson ; 4 cr.
49919 002 DIS, 12:20-14:15 TTh, Folwell Hall 10, In Person
Term Based; Helena Ruf ; 4 cr.

3012W Conversation and Composition

(Student Option; Prereq: 3011WI)
51052 001 DIS, 13:00-14:15 MW, Folwell Hall 107, In Person
Term Based; Kirk Martinson ; 3 cr.

3021 Business German

(Student Option; Prereq: 3011 or equiv)
51634 001 DIS, 18:20-20:50 Th, Folwell Hall 107, In Person
Term Based; Arsena laneva-Lockney ; 3 cr.

3104W Reading and Analysis of German Literature

(Student Option; Prereq: 3011LITR,WI)
49331 001 DIS, 13:00-14:15 TTh, Folwell Hall 12, In Person
Term Based; Eric Baker ; 3 cr.

3431 19th-Century Literature

(Student Option; Prereq: 3011)
67499 001 LEC, 14:30-15:45 MW, Folwell Hall 30, In Person
Term Based; Meets With: 001 GER 5410; Ruediger
Singer ; 3 cr.

3501 Contemporary Germany

(Student Option; Prereq: 3011)
52342 001 LEC, 16:00-17:15 MW, Folwell Hall 105, In
Person Term Based; Jenneke Oosterhoff ; 3 cr.

3631 Jewish Writers and Rebels in German, Austrian, and American Culture

(Student Option; Prereq: No knowledge of German
required; Extra work in German must be done in order
to count this course toward a German minor or a
German, Scandinavian, Dutch major.)
67697 001 DIS, 11:15-12:30 TTh, Nicholson Hall 315, In
Person Term Based; Meets With: 001 JWST 3631001
CSCL 3123; Leslie Morris ; 3 cr.

3642 The Grimms' Fairy Tales, Then & Now

(Student Option;)
67698 001 DIS, 11:15-12:30 MW, Folwell Hall 122, In Person
Term Based; Ruediger Singer ; 3 cr.

3655 Cultures of Control and Surveillance in Germany and the US

(Student Option; CIV,HIS)
67502 001 DIS, 9:45-11:00 TTh, Nicholson Hall 125, In
Person Term Based; Matthias Rothe ; 3 cr.

3993 Directed Studies

(Student Option; Prereq instr consent, dept consent,
college consent.)
49308 001 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.

4001 Beginning German for Graduate Research

(Student Option; Prereq: Grad student)
50359 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 18, In
Person Term Based; Meets With: 001 GER 1001; Ari
Hoptman ; 5 cr.
50360 002 DIS, 9:05- 9:55 MTWThF, Folwell Hall 120, In
Person Term Based; Meets With: 002 GER 1001; Jennifer
Peterson ; 5 cr.
50361 003 DIS, 12:20-13:10 MTWThF, Folwell Hall 120,
In Person Term Based; Meets With: 003 GER 1001;
Jacqueline Listemaa ; 5 cr.
50362 004 DIS, 18:20-20:25 MW, Folwell Hall 103, In Person
Term Based; Meets With: 004 GER 1001; DeeAnn Sime ;
5 cr.

4002 Beginning German for Graduate Research

(Student Option; Prereq: Grad student)
50363 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 16, In
Person Term Based; Meets With: 001 GER 1002; Kirk
Martinson ; 5 cr.
50364 002 DIS, 10:10-11:00 MTWThF, Folwell Hall 30, In
Person Term Based; Meets With: 002 GER 1002; Jennifer
Carnell ; 5 cr.
50365 003 DIS, 12:20-13:10 MTWThF, Folwell Hall 5, In
Person Term Based; Meets With: 003 GER 1002; DeeAnn
Sime ; 5 cr.
50366 004 DIS, 14:30-15:20 MTWThF, Folwell Hall 105, In
Person Term Based; Meets With: 004 GER 1002; DeeAnn
Sime ; 5 cr.
50367 005 DIS, 18:20-20:25 MW, Folwell Hall 104, In Person
Term Based; Meets With: 005 GER 1002; Kirk Martinson ;
5 cr.

4003 Intermediate German for Graduate Research

(Student Option; Prereq: Grad student)
50368 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 106, In
Person Term Based; Meets With: 001 GER 1003; Beth
Kautz ; 5 cr.
50369 002 DIS, 11:15-12:05 MTWThF, Nicholson Hall
355, In Person Term Based; Meets With: 002 GER 1003;
Zizanie Bodene-Yost ; 5 cr.
50370 003 DIS, 13:25-14:15 MTWThF, Koltthoff Hall 132,
In Person Term Based; Meets With: 003 GER 1003; Ari
Hoptman ; 5 cr.
51268 004 DIS, 18:20-20:25 TTh, Folwell Hall 18, In Person
Term Based; Meets With: 004 GER 1003; Ari Hoptman ; 5
cr.

4004 Intermediate German for Graduate Research

(Student Option; Prereq: Grad student)
50371 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 105, In
Person Term Based; Meets With: 001 GER 1004; Amanda
Wolfson ; 5 cr.
50372 002 DIS, 9:05- 9:55 MTWThF, Folwell Hall 5, In
Person Term Based; Meets With: 002 GER 1004; Eric
Baker ; 5 cr.
50373 003 DIS, 12:20-13:10 MTWThF, Folwell Hall 4, In
Person Term Based; Meets With: 003 GER 1004; Virginia
Steinhagen ; 5 cr.
50374 004 DIS, 13:25-14:15 MTWThF, Folwell Hall 8, In
Person Term Based; Meets With: 004 GER 1004; Virginia
Steinhagen ; 5 cr.
50375 005 DIS, 18:20-20:25 TTh, Folwell Hall 3, In Person
Term Based; Meets With: 005 GER 1004; Eric Baker ; 5 cr.

(Student Option;)

51589 001 IND, In Person Term Based; 1-4 cr.

5994 Directed Research

(Student Option; Prereq instr consent, dept consent, college consent.)

51590 001 IND, In Person Term Based; 1-4 cr.

Graduate School (GRAD)**999 Graduate Active Status**

(No Grade Associated; Prereq: Grad studentWI)

54770 001 IND, In Person Term Based; 0 cr.

5102 Preparation for University Teaching for Nonnative English Speakers

(S-N only; Prereq: English Language Proficiency Rating of 4, current or anticipated TA assignment, instr consent)

54771 001 LEC, 16:40-17:30 M, Bruininks Hall 432A, In Person Term Based; Elena Stetsenko, Barbara Beers ; 2 cr.

54776 003 LAB, 12:20-13:10 Th, Univ Ofc Plaza 124, In Person Term Based; Barbara Beers, Elena Stetsenko ; 2 cr.

54777 004 LAB, 13:25-14:15 W, Univ Ofc Plaza 124, In Person Term Based; Barbara Beers, Elena Stetsenko ; 2 cr.

54778 005 LAB, 11:15-12:05 Th, Univ Ofc Plaza 124, In Person Term Based; Elena Stetsenko, Barbara Beers ; 2 cr.

54780 008 LAB, 12:20-13:10 W, Univ Ofc Plaza 124, In Person Term Based; Elena Stetsenko, Barbara Beers ; 2 cr.

5105 Practicum in University Teaching for Nonnative English Speakers

(S-N or Audit; Prereq: [5102 or English Language Proficiency Rating of 2 or 3], [current or anticipated TA assignment])

54772 001 LEC, 16:40-17:30 M, Bruininks Hall 512A, In Person Term Based; Colleen Meyers ; 1-2 cr.

54773 002 LAB, 10:10-11:00 W, Univ Ofc Plaza 124, In Person Term Based; Colleen Meyers ; 1-2 cr.

54774 003 LAB, 11:15-12:05 W, Univ Ofc Plaza 124, In Person Term Based; Colleen Meyers ; 1-2 cr.

54775 004 LAB, 15:35-16:25 T, Univ Ofc Plaza 124, In Person Term Based; Colleen Meyers ; 1-2 cr.

54782 005 LAB, 9:05-9:55 Th, Univ Ofc Plaza 124, In Person Term Based; Colleen Meyers ; 1-2 cr.

54783 006 LAB, 10:10-11:00 Th, Univ Ofc Plaza 124, In Person Term Based; Colleen Meyers ; 1-2 cr.

54784 007 LEC, 13:25-14:15 M, Bruininks Hall 432A, In Person Term Based; Barbara Beers ; 1-2 cr.

54785 008 LAB, 10:10-11:00 T, Univ Ofc Plaza 124, In Person Term Based; Barbara Beers ; 1-2 cr.

54786 009 LAB, 15:35-16:25 W, Univ Ofc Plaza 400, In Person Term Based; Barbara Beers ; 1-2 cr.

54787 010 LAB, 14:30-15:20 W, Univ Ofc Plaza 124, In Person Term Based; Barbara Beers ; 1-2 cr.

54788 011 LAB, 13:25-14:15 T, Univ Ofc Plaza 400, In Person Term Based; Barbara Beers ; 1-2 cr.

54789 012 LAB, 14:30-15:20 T, Univ Ofc Plaza 124, In Person Term Based; Barbara Beers ; 1-2 cr.

70097 021 LAB, In Person Term Based; Colleen Meyers, Barbara Beers ; 1-2 cr.

8101 Teaching in Higher Education

(Student Option No Audit; Prereq: Non-Degree Students: contact pffcollege consentum.edu with questions about registration. If adding a section after first class meeting, contact your instructor as soon as you enroll.)

54766 001 LEC, 16:00-19:00 Th, Ford Hall B29, In Person Term Based; Anita Gonzalez ; 3 cr.

54767 002 LEC, 12:50-15:50 W, Tate Hall B85, In Person Term Based; Paul Ching ; 3 cr.

54768 003 LEC, 9:05-12:05 F, Bruininks Hall 420A, In Person Term Based; Ilene Alexander ; 3 cr.

8200 Teaching and Learning Topics in Higher Education

(A-F only;)

67061 002 LEC, 14:30-17:00 T, Burton Hall 123, In Person Term Based; Bill Rozaitis ; 1 cr.

69756 003 LEC, Completely Online; Deborah Wingert ; 1 cr.

Grand Challenge Curriculum (GCC)**3010 Grand Challenge: The Global Climate Challenge ? Creating an Empowered Movement for Change**

(A-F only; Prereq:soph,jr,srCIV)

61259 001 LEC, 15:45-18:30 T, Bruininks Hall 131A, In Person Term Based; Meets With: 001 GCC 5010; Julia Nerbonne, Jessica Gutknecht, Teddie Potter ; 3 cr.

3011 Grand Challenge: Pathways to Renewable Energy

(A-F only; Prereq: sophomore, junior, seniorTS)

68404 001 LEC, 13:00-14:15 TTh, Bruininks Hall 412, In Person Term Based; Meets With: 001 GCC 5011; Paul Imbertson, Ellen Anderson ; 3 cr.

3013 Grand Challenge: Making Sense of Climate Change - Science, Art, and Agency

(A-F only; CIV)

61257 001 LEC, 14:30-15:45 TTh, Regis Center for Art E110, In Person Term Based; Meets With: 001 GCC 5013; Christine Baeumler, Rebecca Montgomery ; 3 cr.

3016 Grand Challenge: Science and Society: Working Together to Avoid the Antibiotic Resistance Apocalypse

(A-F only; TS)

61255 001 LEC, 11:45-12:35 F, Bruininks Hall 131B, 11:45-12:35 MW, Biological Sciences Ctr 64, In Person Term Based; Meets With: 001 GCC 5016; Tim Johnson, James Johnson, Dawn Foster Hartnett, Patricia Goodman-Mamula ; 3 cr.

3020 Ecosystem Health: Challenges at the interface of humans, animals and the environment

(A-F only; ENV)

68310 001 LEC, 9:45-11:00 TTh, Bruininks Hall 312, In Person Term Based; Meets With: 001 GCC 5020; Dominic Travis, Tiffany Wolf, Elizabeth Sopdie, Matteo Convertino ; 3 cr.

3021 The Achievement Gap: Who is to Blame?

(A-F only; DSJ)

68308 001 LEC, 16:00-18:40 W, Akerman Hall 319, In Person Term Based; Timothy Lensmire, Muhammad Khalifa ; 3 cr.

5010 Grand Challenge: The Global Climate Challenge: Creating an Empowered Movement for Change

(A-F only; CIV)

61260 001 LEC, 15:45-18:30 T, Bruininks Hall 131A, In Person Term Based; Meets With: 001 GCC 3010; Julia Nerbonne, Jessica Gutknecht, Teddie Potter ; 3 cr.

5011 Grand Challenge: Pathways to Renewable Energy

(A-F only; Prereq: sophomore, junior, senior, graduate studentTS)

68405 001 LEC, 13:00-14:15 TTh, Bruininks Hall 412, In Person Term Based; Meets With: 001 GCC 3011; Paul Imbertson, Ellen Anderson ; 3 cr.

5013 Grand Challenge: Making Sense of Climate Change - Science, Art, and Agency

(A-F only; CIV)

61258 001 LEC, 14:30-15:45 TTh, Regis Center for Art E110, In Person Term Based; Meets With: 001 GCC 3013; Christine Baeumler, Rebecca Montgomery ; 3 cr.

5016 Grand Challenge: Science and Society: Working Together to Avoid the Antibiotic Resistance Apocalypse

(A-F only; TS)

69811 001 LEC, 11:45-12:35 F, Bruininks Hall 131B, 11:45-12:35 MW, Biological Sciences Ctr 64, In Person Term Based; Meets With: 001 GCC 3016; Tim Johnson, James Johnson, Dawn Foster Hartnett, Patricia Goodman-Mamula ; 3 cr.

5020 Ecosystem Health: Challenges at the interface of humans, animals and the environment

(A-F only; ENV)

68311 001 LEC, 9:45-11:00 TTh, Bruininks Hall 312, In Person Term Based; Meets With: 001 GCC 3020; Dominic Travis, Tiffany Wolf, Elizabeth Sopdie, Matteo Convertino ; 3 cr.

5022 The human experience of sensory loss: Seeking equitable and effective solutions

(A-F only; TS)

68309 001 LEC, 14:30-17:10 Th, Elliott Hall N423, In Person Term Based; Gordon Legge, Andrew Oxenham, Peggy Nelson, Meredith Adams, Linda McLoon ; 3 cr.

5023 Grand Challenge: Leading Across Sectors to Address Grand Challenges

(A-F only; CIV)

69836 001 LEC, 18:00-20:45 Th, Bruininks Hall 412, In Person Term Based; Louis Quast, Vanessa Laird, Paul Vaaler ; 3 cr.

5501 Knowledge to Impact: Creating Action with Your Grand Challenge Project Idea

(A-F only; Prereq: Prior completion of a GCC course)

68307 001 LEC, 13:00-14:15 TTh, Bruininks Hall 530B, In Person Term Based; Fred Rose, Steve Kelley ; 3 cr.

Graphic Design (GDES)**1311 Foundations: Drawing and Design in Two and Three Dimensions**

(A-F or Audit;)

46215 001 LAB, 8:30-11:30 MW, McNeal Hall 258, In Person Term Based; Monica Fogg ; 4 cr.

46216 002 LAB, 11:45-14:45 TTh, McNeal Hall 258, In Person Term Based; 4 cr.

1312 Foundations: Color and Design in Two and Three Dimensions

(A-F or Audit;)

46217 001 LAB, 13:15-14:45 W, McNeal Hall 262, Partially Online; 4 cr.

46218 002 LAB, 15:00-16:30 W, McNeal Hall 262, Partially Online; 4 cr.

46480 003 LAB, 16:30-18:00 W, McNeal Hall 262, Partially Online; 4 cr.

46481 004 LAB, 18:15-19:45 W, McNeal Hall 262, Partially Online; 4 cr.

1315 Foundations: The Graphic Studio

(A-F or Audit; Prereq: Graphic design premajor design minor or instr consent)

46219 001 LAB, 8:30-11:30 MW, McNeal Hall 144, In Person Term Based; Daniel Jasper ; 4 cr.

46220 002 LAB, 11:45-14:45 TTh, McNeal Hall 262, In Person Term Based; Hannah Johnson ; 4 cr.

46498 003 LAB, 11:45-14:45 MW, McNeal Hall 310, In Person Term Based; Frances Trice ; 4 cr.

70258 004 LAB, 15:00-18:00 TTh, McNeal Hall 310, In Person Term Based; 4 cr.

2196 Work Experience in Graphic Design

(S-N only; Prereq: Plan submitted/approved by [adviser, internship supervisor], written approval of supervisor, instr consent)

46221 001 FWK, Independent/Directed Study; James Boyd Brent ; 1-4 cr.

46222 002 FWK, Independent/Directed Study; Sauman Chu ; 1-4 cr.

46223 003 FWK, Independent/Directed Study; Brad Hokanson ; 1-4 cr.

46224 004 FWK, Independent/Directed Study; Daniel Jasper ; 1-4 cr.

46225 005 FWK, Independent/Directed Study; Barbara Martinson ; 1-4 cr.

46226 006 FWK, Independent/Directed Study; Steven McCarthy ; 1-4 cr.

46227 007 FWK, Independent/Directed Study; Carol Waldron ; 1-4 cr.

46444 008 FWK, In Person Term Based; Eugene Park ; 1-4 cr.

2342 Web Design

(A-F only;)

46403 001 LAB, 15:00-16:55 MW, McNeal Hall 316, In Person Term Based; Frances Trice ; 3 cr.

46499 002 LAB, 18:15-20:10 MW, McNeal Hall 146, In Person Term Based; 3 cr.

70148 003 LAB, 15:00-16:55 MW, McNeal Hall 336, In Person Term Based; Michael Arney ; 3 cr.

2345 Typography

(A-F only;)

46228 001 LAB, 8:30-11:30 MW, McNeal Hall 336, In Person Term Based; 4 cr.
67301 002 LAB, 8:30-11:30 TTh, McNeal Hall 310, In Person Term Based; 4 cr.

2361 Design Process: Photography

(A-F only;)
46464 002 LAB, 8:30-12:35 F, McNeal Hall 336, In Person Term Based; 3 cr.
46500 001 LAB, 18:15-20:10 TTh, McNeal Hall 336, In Person Term Based; 3 cr.

2399V Honors Design and its Discontents: Design, Society, Economy, and Culture

(A-F only; WI)
46512 001 LEC, 15:00-16:15 TTh, McNeal Hall 316, In Person Term Based; Meets With: 001 GDES 2399W; 3 cr.

2399W Design and its Discontents: Design, Society, Economy and Culture

(A-F only; WI)
46404 001 LEC, 15:00-16:15 TTh, McNeal Hall 316, In Person Term Based; Meets With: 001 GDES 2399V; 3 cr.

3311 Illustration

(A-F only; Prereq: GDes 1311 or ArtS 1101 or PDES 3702 or LA 1301 or Arch 3250 or Arch 2301 or instructor permission)
46461 001 LAB, 8:30-10:25 MW, McNeal Hall 262, In Person Term Based; Meets With: 001 GDES 5311; 3 cr.

3312 Color and Form in Surface Design

(A-F only;)
46229 001 LAB, 11:45-14:45 MW, McNeal Hall B9, In Person Term Based; James Boyd Brent ; 4 cr.
46230 002 LAB, 15:00-18:00 MW, McNeal Hall B9, In Person Term Based; James Boyd Brent ; 4 cr.
46501 003 LAB, 11:45-14:45 TTh, McNeal Hall B9, In Person Term Based; Carol Waldron ; 4 cr.
70107 004 LAB, 8:30-11:30 MW, McNeal Hall B9, In Person Term Based; 4 cr.

3351 Text and Image

(A-F or Audit; Prereq: [2345 or DHA 2345], graphic design major, pass portfolio review)
46451 001 LAB, 11:45-13:40 MW, McNeal Hall 336, In Person Term Based; Daniel Jasper ; 3 cr.
46502 002 LAB, 15:00-16:55 TTh, McNeal Hall 262, In Person Term Based; 3 cr.
46503 003 LAB, 8:30-10:25 TTh, McNeal Hall 144, In Person Term Based; Steven McCarthy ; 3 cr.

3352 Identity and Symbols

(A-F only; Prereq: pass portfolio review, graphic design major)
46231 001 LAB, 11:45-13:40 TTh, McNeal Hall 336, In Person Term Based; Meets With: 001 GDES 3352H; Sauman Chu ; 3 cr.

3352H Honors: Identity and Symbols

(A-F only;)
46514 001 LAB, 11:45-13:40 TTh, McNeal Hall 336, In Person Term Based; Meets With: 001 GDES 3352; Sauman Chu ; 3 cr.

3353 Packaging and Display

(A-F only;)
46232 001 LAB, 15:00-16:55 TTh, McNeal Hall 146, In Person Term Based; Hannah Johnson ; 3 cr.
67302 002 LAB, 15:00-16:55 TTh, McNeal Hall 144, In Person Term Based; Debra Lawton ; 3 cr.

4160H Honors Capstone Project

(A-F only; Prereq: Graphic design honors)
46233 001 LEC, In Person Term Based; James Boyd Brent ; 2 cr.
46234 002 LEC, In Person Term Based; Sauman Chu ; 2 cr.
46235 003 LEC, In Person Term Based; Brad Hokanson ; 2 cr.
46236 004 LEC, In Person Term Based; Daniel Jasper ; 2 cr.
46237 005 LEC, In Person Term Based; Barbara Martinson ; 2 cr.
46238 006 LEC, In Person Term Based; Steven McCarthy ; 2 cr.
46239 007 LEC, In Person Term Based; Carol Waldron ; 2 cr.
46382 008 LEC, In Person Term Based; Eugene Park ; 2 cr.

4193 Directed Study in Graphic Design

(Student Option No Audit; Prereq: Undergrad, instr consent)
46240 001 IND, Independent/Directed Study; James Boyd Brent ; 1-4 cr.

46241 002 IND, Independent/Directed Study; Sauman Chu ; 1-4 cr.
46242 003 IND, Independent/Directed Study; Brad Hokanson ; 1-4 cr.
46243 004 IND, Independent/Directed Study; Daniel Jasper ; 1-4 cr.
46244 005 IND, Independent/Directed Study; Barbara Martinson ; 1-4 cr.
46245 006 IND, Independent/Directed Study; Steven McCarthy ; 1-4 cr.
46246 007 IND, Independent/Directed Study; Carol Waldron ; 1-4 cr.
46445 008 IND, In Person Term Based; Eugene Park ; 1-4 cr.

4196 Internship in Graphic Design

(S-N or Audit; Prereq: Completion of at least one-half of professional sequence, plan submitted/approved in advance by [adviser, internship supervisor], written consent of faculty supervisor, instr consent)
46247 001 FWK, Independent/Directed Study; James Boyd Brent ; 1-3 cr.
46248 002 FWK, Independent/Directed Study; Sauman Chu ; 1-3 cr.
46249 003 FWK, Independent/Directed Study; Brad Hokanson ; 1-3 cr.
46250 004 FWK, Independent/Directed Study; Daniel Jasper ; 1-3 cr.
46251 005 FWK, Independent/Directed Study; Barbara Martinson ; 1-3 cr.
46252 006 FWK, Independent/Directed Study; Steven McCarthy ; 1-3 cr.
46253 007 FWK, Independent/Directed Study; Carol Waldron ; 1-3 cr.
46446 008 FWK, In Person Term Based; Eugene Park ; 1-3 cr.

4330 Surface Fabric Design Workshop

(A-F or Audit;)
67019 001 LAB, 8:30-11:30 TTh, McNeal Hall B9, In Person Term Based; Barbara Martinson ; 4 cr.

4345 Advanced Typography

(A-F or Audit; Prereq: [[2345 or DHA 2345], 3351, graphic design major] or design grad student or instr consent)
46254 001 LAB, 18:15-21:15 MW, McNeal Hall 336, In Person Term Based; 4 cr.
46402 002 LAB, 15:00-18:00 TTh, McNeal Hall 336, In Person Term Based; Carol Waldron ; 4 cr.

4361V Honors Thesis Studio and Writing

(A-F only; Prereq: [Graphic design major, 2399W, 3352, 3353], honors student, or instr consentWI)
46513 001 LAB, 11:45-13:00 TTh, McNeal Hall 395, In Person Term Based; Meets With: 001 GDES 4361W; Steven McCarthy ; 3 cr.

4361W Thesis Studio and Writing

(A-F only; Prereq: [Graphic design major, 2399W, 3352, 3353] or instr consentWI)
46431 001 LAB, 11:45-13:00 TTh, McNeal Hall 395, In Person Term Based; Meets With: 001 GDES 4361W; Steven McCarthy ; 3 cr.

4362 Senior Thesis and Exhibition

(A-F only;)
46432 001 LAB, 8:30-10:25 TTh, McNeal Hall 336, In Person Term Based; Meets With: 001 GDES 4362H; Sauman Chu ; 3 cr.
67021 002 LAB, 8:30-10:25 TTh, McNeal Hall 262, In Person Term Based; Karl Engebretson ; 3 cr.

4362H Senior Thesis and Exhibition

(A-F only;)
46515 001 LAB, 8:30-10:25 TTh, McNeal Hall 336, In Person Term Based; Meets With: 001 GDES 4362; Sauman Chu ; 3 cr.

4363 Graphic Design Portfolio

(S-N only;)
46463 001 LAB, 8:30-10:25 MW, McNeal Hall 146, In Person Term Based; Debra Lawton ; 3 cr.

4371 Data Visualization Studio

(A-F only; Prereq: 2345, [Design minors required to take 2345], or graduate student, or instructor's consent)
46484 001 LAB, 11:45-13:40 MW, McNeal Hall 146, In Person Term Based; Meets With: 001 GDES 5371; Eugene Park ; 3 cr.

5193 Directed Study in Graphic Design

(A-F or Audit; Prereq: Jr or sr or grad student)
46255 001 IND, Independent/Directed Study; James Boyd Brent ; 1-4 cr.

46256 002 IND, Independent/Directed Study; Sauman Chu ; 1-4 cr.
46257 003 IND, Independent/Directed Study; Brad Hokanson ; 1-4 cr.
46258 004 IND, Independent/Directed Study; Daniel Jasper ; 1-4 cr.
46259 005 IND, Independent/Directed Study; Barbara Martinson ; 1-4 cr.
46260 006 IND, Independent/Directed Study; Steven McCarthy ; 1-4 cr.
46261 007 IND, Independent/Directed Study; Carol Waldron ; 1-4 cr.
46447 008 IND, In Person Term Based; Eugene Park ; 1-4 cr.

5311 Illustration

(A-F only; Prereq: 1311 or ArtS 1101 or PDES 3702 or LA 1301 or Arch 3250 or Arch 2301 or instr consent)
46462 001 LAB, 8:30-10:25 MW, McNeal Hall 262, In Person Term Based; Meets With: 001 GDES 3311; 3 cr.

5342 Advanced Web Design

(A-F or Audit; Prereq: [[2334 or 2342], design minor] or graphic design major or grad student or instr consent)
46380 001 LAB, 15:00-16:55 MW, McNeal Hall 146, In Person Term Based; Eugene Park ; 3 cr.

5371 Data Visualization Studio

(A-F only;)
46507 001 LAB, 11:45-13:40 MW, McNeal Hall 146, In Person Term Based; Meets With: 001 GDES 4371; Eugene Park ; 3 cr.

8192 Readings in Graphic Design

(A-F or Audit; Prereq: instr consent)
46262 001 IND, In Person Term Based; James Boyd Brent ; 1-3 cr.
46263 002 IND, In Person Term Based; Sauman Chu ; 1-3 cr.
46264 003 IND, In Person Term Based; Brad Hokanson ; 1-3 cr.
46265 004 IND, In Person Term Based; Daniel Jasper ; 1-3 cr.
46266 005 IND, In Person Term Based; Barbara Martinson ; 1-3 cr.
46267 006 IND, In Person Term Based; Steven McCarthy ; 1-3 cr.
46268 007 IND, In Person Term Based; Carol Waldron ; 1-3 cr.
46449 008 IND, In Person Term Based; Eugene Park ; 1-3 cr.

8193 Directed Study

(A-F or Audit; Prereq: instr consent)
46269 001 IND, In Person Term Based; James Boyd Brent ; 1-3 cr.
46270 002 IND, In Person Term Based; Sauman Chu ; 1-3 cr.
46271 003 IND, In Person Term Based; Brad Hokanson ; 1-3 cr.
46272 004 IND, In Person Term Based; Daniel Jasper ; 1-3 cr.
46273 005 IND, In Person Term Based; Barbara Martinson ; 1-3 cr.
46274 006 IND, In Person Term Based; Steven McCarthy ; 1-3 cr.
46275 007 IND, In Person Term Based; Carol Waldron ; 1-3 cr.
46448 008 IND, In Person Term Based; Eugene Park ; 1-3 cr.

8222 Plan B Master's Project

(S-N or Audit; Prereq: [Design or DHA master's student], instr consent)
46276 001 IND, In Person Term Based; James Boyd Brent ; 3 cr.
46277 002 IND, In Person Term Based; Sauman Chu ; 3 cr.
46278 003 IND, In Person Term Based; Brad Hokanson ; 3 cr.
46279 004 IND, In Person Term Based; Daniel Jasper ; 3 cr.
46280 005 IND, In Person Term Based; Barbara Martinson ; 3 cr.
46281 006 IND, In Person Term Based; Steven McCarthy ; 3 cr.
46282 007 IND, In Person Term Based; Carol Waldron ; 3 cr.
46458 008 IND, In Person Term Based; Eugene Park ; 3 cr.

8361 Color, Design, and Human Perception

(A-F or Audit; Prereq: Basic color theory course or instr consent)
67023 001 DIS, Completely Online; Barbara Martinson ; 3 cr.

8990 MFA Creative Thesis

(A-F or Audit; Prereq: Completed coursework requirements for MFA in DHA w/multimedia emphasis, instr consent)
46283 001 IND, In Person Term Based; James Boyd Brent ; 6 cr.
46284 002 IND, In Person Term Based; Sauman Chu ; 6 cr.

46285 003 IND, In Person Term Based; Brad Hokanson ; 6 cr.
 46286 004 IND, In Person Term Based; Daniel Jasper ; 6 cr.
 46287 005 IND, In Person Term Based; Barbara Martinson ; 6 cr.
 46288 006 IND, In Person Term Based; Steven McCarthy ; 6 cr.
 46289 007 IND, In Person Term Based; Carol Waldron ; 6 cr.
 46459 008 IND, In Person Term Based; Eugene Park ; 6 cr.

Greek (GRK)

1002 Beginning Classical Greek II

(Student Option; Prereq: Grade of at least C- or S in 1001 or dept consent)
 51049 001 LEC, 11:15-12:05 MTWThF, Folwell Hall 107, In Person Term Based; Joshua Reno ; 5 cr.

3004 Intermediate Greek Poetry

(Student Option; Prereq: dept consent)
 50635 001 LEC, 13:25-14:15 MTWTh, Folwell Hall 31, In Person Term Based; Meets With: 001 GRK 5004; Nick Wagner ; 4 cr.

3993 Directed Studies

(Student Option; Prereq: instr consent)
 49042 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

4951W Major Project

(A-F only; Prereq: Greek major, three 3xxx Greek courses, instr consent, dept consentWI)
 49356 001 IND, 00:00-00:00 , , In Person Term Based; 4 cr.

5004 Intermediate Greek Poetry for Graduate Student Research

(Student Option; Prereq: dept consent)
 51848 001 LEC, 13:25-14:15 MTWTh, Folwell Hall 31, In Person Term Based; Meets With: 001 GRK 3004; Nick Wagner ; 4 cr.

5100 Advanced Reading

(Student Option; Prereq: [GRK 3004 or equiv], at least two yrs of college level Greek. Must contact Classical and Near Eastern Studies department for permission to register.)
 67601 001 LEC, 13:00-14:15 TTh, Nicholson Hall 325, In Person Term Based; George Sheets ; 3 cr.

5993 Directed Studies

(Student Option; Prereq: Grad student or instr consent.)
 49043 001 IND, 00:00-00:00 , , In Person Term Based; Melissa Sellow ; 1-4 cr.

5994 Directed Research

(Student Option; Prereq: Grad student or instr consent.)
 49045 001 IND, In Person Term Based; 1-12 cr.

5996 Directed Instruction

(Student Option; Prereq: Grad student or instr consent.)
 49044 001 IND, In Person Term Based; 1-12 cr.

8910 Seminar

(Student Option;)
 69089 001 LEC, 14:30-15:45 MW, Nicholson Hall 201, In Person Term Based; Meets With: 001 RELS 8190001 CNES 8190; Melissa Sellow ; 3 cr.

Health Informatics (HINF)

5431 Foundations of Health Informatics II

(Student Option; Prereq: Junior, senior, grad student, professional student, or instr consent)
 45676 001 LEC, 11:15-14:15 Th, Moos Health Sci Tower 2-120, 11:15-14:15 Th, Moos Health Sci Tower 2-120, 11:15-14:15 Th, Moos Health Sci Tower 2-120, 11:15-14:15 Th, Moos Health Sci Tower 2-120, 11:15-14:15 Th, Moos Health Sci Tower 2-120, 11:15-14:15 Th, Moos Health Sci Tower 2-120, In Person Term Based; Rui Zhang, Chih-Lin Chi ; 3 cr.
 45774 002 LEC, 00:00-00:00 , ONLINE, Completely Online; Chih-Lin Chi, Rui Zhang ; 3 cr.

5440 Foundations of Translational Bioinformatics

(A-F or Audit; Prerequisites: MS, PhD, or MD/PhD student interested in translational bioinformatics)
 68750 001 LEC, 9:45-11:00 TTh, Weaver-Densford Hall W2-110, In Person Term Based; Steven Shen ; 3 cr.

68794 002 LEC, Completely Online; Steven Shen ; 3 cr.

5496 Internship in Health Informatics

(S-N or Audit; Prereq: HINF student or instr consent)
 45690 001 FWK, 00:00-00:00 , , Independent/Directed Study; David Pieczkiewicz ; 1-6 cr.

5499 Capstone Project for the Masters of Health Informatics

(A-F only; Prereq: second semester MHI student or instr consent)
 45714 001 FWK, 00:00-00:00 , , Independent/Directed Study; Terrence Adam ; 3 cr.

5502 Python Programming Essentials for the Health Sciences

(S-N or Audit; Prereq: Junior or senior or grad student or professional student or instr consent)
 45777 001 LEC, 00:00-00:00 , ONLINE, Completely Online; James Rosenthal ; 1 cr.

5520 Informatics Methods for Health Care Quality, Outcomes, and Patient Safety

(A-F or Audit; Prereq: Junior or senior or grad student or professional student or instr consent)
 45751 001 LEC, 13:25-14:15 MW, Moos Health Sci Tower 2-120, In Person Term Based; Terrence Adam ; 2 cr.
 68757 002 LEC, Completely Online; Terrence Adam ; 2 cr.

5531 Health Data Analytics and Data Science

(A-F or Audit; Prereq: Junior or senior or professional student or grad student or instr consent)
 45778 001 LEC, 15:35-16:25 MWF, Moos Health Sci Tower 2-118, In Person Term Based; David Pieczkiewicz ; 3 cr.
 45806 002 LEC, 00:00-00:00 , ONLINE, Completely Online; David Pieczkiewicz ; 3 cr.

5620 Data Visualization for the Health Sciences

(A-F or Audit;)
 68791 001 LEC, 14:30-15:45 TTh, Moos Health Sci Tower 2-116, In Person Term Based; David Pieczkiewicz ; 3 cr.

8220 Computational Causal Analytics

(A-F or Audit;)
 68790 001 LEC, 13:25-16:25 F, Moos Health Sci Tower 1-440, In Person Term Based; Sisi Ma, Erich Kummerfeld ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
 45678 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
 45683 001 IND, In Person Term Based; 1 cr.

8770 Plan B Project

(No Grade Associated; Prereq: Advanced plan B MS student)
 45681 001 IND, 00:00-00:00 , , Independent/Directed Study; 4 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
 45686 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: PhD candidate or department consent. Max 18 credits per semester; 24 credits required)
 45682 001 IND, 00:00-00:00 , , Independent/Directed Study; Terrence Adam ; 1-24 cr.
 69572 002 IND, In Person Term Based; Chih-Lin Chi ; 1-24 cr.
 69573 003 IND, In Person Term Based; Genevieve Melton-Meaux ; 1-24 cr.
 69574 004 IND, In Person Term Based; David Pieczkiewicz ; 1-24 cr.
 69575 005 IND, In Person Term Based; Steven Shen ; 1-24 cr.
 69576 006 IND, In Person Term Based; Gyorgy Simon ; 1-24 cr.
 69577 007 IND, In Person Term Based; Jinhua Wang ; 1-24 cr.
 69578 008 IND, In Person Term Based; Rui Zhang ; 1-24 cr.

Health Services Management (HSM)

3521 Health Care Delivery Systems

(A-F or Audit; Prereq: 30 cr)
 61134 101 LEC, 18:30-21:15 T, Bruininks Hall 312, Partially Online; 3 cr.

4193 Directed Study

(A-F or Audit; Prereq: admitted to HSM major, minor, or certificate; department consent.)
 69950 401 IND, Independent/Directed Study; Lynn Kiehne ; 1-4 cr.

4301 Health Care Quality & Patient Safety Management

(A-F or Audit;)
 68134 101 LEC, 15:35-18:20 Th, Bruininks Hall 512A, Partially Online; Tania Daniels ; 3 cr.

4531 Human Resources in Health Care Settings

(A-F or Audit; Prereq: 45 cr)
 61167 101 LEC, 18:30-21:15 Th, Bruininks Hall 312, Partially Online; Donald Moschkau, Erich Spencer ; 3 cr.

4541 Health Care Finance

(A-F or Audit; Prereq: Basic accounting knowledge, a course such as ACCT 2050, and knowledge of Microsoft Excel are strongly recommended. HSM pre-majors should wait for major status to take this course.)
 61170 101 LEC, 18:30-21:15 W, Bruininks Hall 530B, Partially Online; Mark Sharockman ; 3 cr.

4561W Health Care Administration and Management

(A-F or Audit; WI)
 61135 001 LEC, 18:30-21:15 W, Bruininks Hall 412, Partially Online; Bill Kenney ; 3 cr.

4591 Health Care Law and Ethics

(A-F or Audit;)
 61171 301 LEC, Completely Online; Susan Ziel ; 3 cr.

4596 Health Services Management Internship

(A-F only; Prereq: HSM major, minor, or cert student; dept. consent; HSM 3521, HSM 4531, HSM 4541, HSM 4561, HSM 4591 (and ABUS 3301 and HINF 5430 for HSM technology internships))
 61172 401 FWK, Independent/Directed Study; Susan McClernon, Lynn Kiehne ; 3 cr.
 69103 402 FWK, Independent/Directed Study; Susan McClernon, Lynn Kiehne ; 3 cr.

4861 Leadership and Business Planning in Health Care: Capstone

(A-F only; Prereq: HSM 3521, 4531, 4541, 4561, 4591. HSM major. Final year status required.)
 67983 101 LEC, 17:30-20:15 M, Bruininks Hall 530A, Partially Online; Geoffrey Kaufmann, Susan Doherty ; 3 cr.

Hebrew (HEBR)

1002 Beginning Hebrew II

(Student Option; Prereq: Grade of at least [C- or S] in [1001 or 4001] or instr consent)
 49357 001 LEC, 11:15-12:05 MTWThF, Folwell Hall 123, In Person Term Based; Meets With: 001 HEBR 4002; Renana Schneller ; 5 cr.

1102 Beginning Biblical Hebrew II

(Student Option; Prereq: Grade of at least [C- or S] in [1101 or 4104] or instr consent)
 67027 001 DIS, 12:20-13:10 MTWThF, Folwell Hall 123, In Person Term Based; Meets With: 001 HEBR 4105; Bernard Levinson ; 5 cr.

3012 Intermediate Hebrew II

(Student Option; Prereq: Grade of at least [C- or S] in 3011 or instr consent)
 49359 001 LEC, 10:10-11:00 MTWThF, Folwell Hall 119, In Person Term Based; Meets With: 001 HEBR 4012; Renana Schneller ; 5 cr.

3951W Major Project

(Student Option; Prereq: [Hebr major, three 3xxx Hebrew courses], instr consent, dept consentWI)
49361 001 IND, In Person Term Based; 4 cr.

3980 Directed Instruction

(Student Option; Prereq: college consent.)
49046 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

3993 Directed Studies

(Student Option; Prereq: instr consent)
50005 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

4002 Beginning Hebrew II for Graduate

Student Research
(Student Option; Prereq: Grade of at least [C- or S] in [1001 or 4001] or instr consent)
49716 001 LEC, 11:15-12:05 MTWThF, Folwell Hall 123, In Person Term Based; Meets With: 001 HEBR 1002; Renana Schneller ; 5 cr.

4012 Intermediate Hebrew II for Graduate

Student Research
(Student Option;)
67026 001 LEC, 10:10-11:00 MTWThF, Folwell Hall 119, In Person Term Based; Meets With: 001 HEBR 3012; Renana Schneller ; 5 cr.

4105 Beginning Biblical Hebrew II for

Graduate Student Research
(Student Option; Prereq: Grade of at least [C- or S] in [1101 or 4104] or instr consent)
67692 001 DIS, 12:20-13:10 MTWThF, Folwell Hall 123, In Person Term Based; Meets With: 001 HEBR 1102; Bernard Levinson ; 5 cr.

5300 Post-Biblical Hebrew: Second Temple Period

(Student Option; Prereq: Grad student or instr consent)
69213 001 LEC, 14:30-17:00 T, Nicholson Hall 201, In Person Term Based; Patricia Ahearne-Kroll ; 3 cr.

5992 Directed Readings

(Student Option; Prereq: instr consent, dept consent, college consent.)
50834 001 IND, 00:00-00:00 , , In Person Term Based; Renana Schneller ; 1-4 cr.

Heritage Studies & Public Hist (HSPH)

8003 Race and Indigeneity in Heritage Representation

(A-F or Audit;)
69807 001 LEC, 17:00-19:30 T, Bruininks Hall 117, In Person Term Based; Christopher Taylor, Katherine Hayes ; 3 cr.

8005 Leadership and Future of Historical Organizations

(S-N only;)
69809 001 LEC, 17:00-18:30 M, Bruininks Hall 117, In Person Term Based; Kevin Murphy, Christopher Taylor ; 1 cr.

8101 Internship

(S-N only;)
70102 001 FWK, In Person Term Based; Christopher Taylor, Kevin Murphy ; 3 cr.

Higher Ed Consortium Urban Aff (HECU)

3555W Making Media & Change: Digital Technologies, Storytelling, and Activism From Consumers to Creators

(A-F only; Prereq: instr consentAH,WI,TS)
70324 001 DIS, In Person Term Based; 4 cr.

3556 Making Media Making Change: Digital Technologies, Storytelling, and Activism Digital Laboratory

(A-F only; Prereq: instr consent)
70326 001 LAB, In Person Term Based; 4 cr.

3557 Making Media, Making Change: Digital Technologies, Storytelling, & Activism Digital Media Internship

(A-F only;)
70327 001 FWK, In Person Term Based; 4 cr.

3558 Making Media, Making Change: Digital Technologies, Storytelling, and Activism Digital Internship

(A-F only;)
70328 001 FWK, In Person Term Based; 8 cr.

3571 Inequality in America: A Political Economy Approach

(A-F only; Prereq: concurrent registration is required (or allowed) in 3572, 3573, dept consentSOC)
61181 001 DIS, 00:00-00:00 , , In Person Term Based; David Holliday ; 4 cr.

3572 Inequality in America: Political Sociology of Building Power, Change, and Equity

(A-F only; Prereq: concurrent registration is required (or allowed) in 3571, 3573, dept consentDSJ)
61182 001 DIS, 00:00-00:00 , , In Person Term Based; David Holliday ; 4 cr.

3573 Inequality in America: Internship and Integration Seminar

(A-F only; Prereq: concurrent registration is required (or allowed) in 3571, concurrent registration is required (or allowed) in 3572, dept consentCIV)
61183 001 FWK, 00:00-00:00 , , In Person Term Based; David Holliday ; 8 cr.

3581 Art for Social Change: Art and Culture in Political, Social, and Historical Context

(A-F only; Prereq: concurrent registration is required (or allowed) in 3582, 3583, dept consentAH)
48970 001 DIS, 00:00-00:00 , , In Person Term Based; 4 cr.

3582 Art for Social Change: Arts Praxis - Social Justice Theory and Practice in the Field

(A-F only; Prereq: concurrent registration is required (or allowed) in 3581, 3583, dept consentDSJ)
49696 001 FWK, 00:00-00:00 , , In Person Term Based; David Holliday ; 4 cr.

3583 Art for Social Change: Intersections of Art, Identity and Advocacy Internship & Integration Seminar

(A-F only; Prereq: concurrent registration is required (or allowed) in 3581, concurrent registration is required (or allowed) in 3582CIV)
49698 001 FWK, 00:00-00:00 , , In Person Term Based; David Holliday ; 8 cr.

3591 Environmental Sustainability: Sci, Public Policy, & Cmty Action Environmental & Climate Justice

(A-F only; Prereq: concurrent registration is required (or allowed) in 3592, concurrent registration is required (or allowed) in 3593, concurrent registration is required (or allowed) in 3594, dept consentENV)
61186 001 DIS, 00:00-00:00 , , In Person Term Based; David Holliday ; 4 cr.

3592 Environmental Sustainability: Ecology and Socio-ecological Systems Change

(A-F only; Prereq: concurrent registration is required (or allowed) in 3591, concurrent registration is required (or allowed) in 3593, concurrent registration is required (or allowed) in 3594, dept consentSOC)
61187 001 DIS, 00:00-00:00 , , In Person Term Based; David Holliday ; 4 cr.

3593 Environmental Sustainability Sci, Public Policy, & Cmty Action Field Research Method & Investigation

(A-F only; BIOL)
61188 001 FWK, 00:00-00:00 , , In Person Term Based; David Holliday ; 4 cr.

3594 Environmental Sustainability Sci, Public Policy, & Cmty Action Internship

(A-F only; Prereq: concurrent registration is required (or allowed) in 3591, concurrent registration is required (or allowed) in 3592, concurrent registration is required (or allowed) in 3593, dept consentCIV)
61189 001 FWK, 00:00-00:00 , , In Person Term Based; David Holliday ; 4 cr.

Hindi-Urdu (HNUR)

1012 Beginning Hindi-Urdu II

(Student Option; Prereq: 1011 or instr consent)
50883 001 LEC, 13:25-14:15 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 001 HNUR 4002; Meraj Ahmed ; 5 cr.

1015 Accelerated Beginning Hindi-Urdu

(Student Option;)
67354 001 LEC, 11:15-12:05 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 001 HNUR 4015; Meraj Ahmed ; 5 cr.

3022 Intermediate Hindi-Urdu II

(Student Option; Prereq: 3021 or instr consent)
50955 001 LEC, 12:20-13:10 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 001 HNUR 4004; Meraj Ahmed ; 5 cr.

3032 Advanced Hindi-Urdu II

(Student Option; Prereq: 3031 or instr consent)
51363 001 LEC, 14:30-16:25 MW, Folwell Hall 107, In Person Term Based; Meets With: 001 HNUR 4006; Sungok Hong ; 4 cr.

3290 Hindi-Urdu Language Teaching Tutorial

(S-N only; Prereq: Grade of A in HNDI 4162)
51413 001 FWK, In Person Term Based; Sungok Hong ; 1 cr.

4002 Beginning Hindi-Urdu II for Graduate Student Research

(Student Option; Prereq: 4001 or instr consent)
50884 001 LEC, 13:25-14:15 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 001 HNUR 1012; Meraj Ahmed ; 5 cr.

4004 Intermediate Hindi-Urdu II for Graduate Student Research

(Student Option; Prereq: 4003 or instr consent)
50956 001 LEC, 12:20-13:10 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 001 HNUR 3022; Meraj Ahmed ; 5 cr.

4006 Advanced Hindi-Urdu II for Graduate Student Research

(Student Option; Prereq: 4005 or instr consent)
51364 001 LEC, 14:30-16:25 MW, Folwell Hall 107, In Person Term Based; Meets With: 001 HNUR 3032; Sungok Hong ; 4 cr.

4015 Accelerated Beginning Hindi-Urdu for Graduate Research

(Student Option No Audit;)
67355 001 LEC, 11:15-12:05 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 001 HNUR 1015; Meraj Ahmed ; 5 cr.

5993 Directed Readings

(Student Option; Prereq: instr consent, dept consent, college consent.)
51408 001 IND, Independent/Directed Study; Sungok Hong ; 1-5 cr.

History (HIST)

1000 Visions of the Past: Thematic Approaches to Understanding History

(Student Option; Prereq: Fr or soph or fewer than 60 cr)
52450 001 LEC, 13:00-14:15 TTh, Blegen Hall 215, In Person Term Based; David Chang ; 3 cr.

1012W The Age of Global Contact

(Student Option; Prereq: Fr or soph or non-hist majorGP,WI,HIS)
68636 001 LEC, 11:15-12:30 TTh, West Bank Skyway 20, In Person Term Based; Nathan Weaver Olson, Christopher Isett ; 4 cr.
68637 002 DIS, 11:15-12:05 M, Blegen Hall 210, In Person Term Based; 4 cr.

68638 003 DIS, 13:25-14:15 T, Blegen Hall 225, In Person Term Based; ; 4 cr.
 68639 004 DIS, 11:15-12:05 W, Blegen Hall 210, In Person Term Based; ; 4 cr.
 68640 006 DIS, 12:20-13:10 W, Blegen Hall 205, In Person Term Based; ; 4 cr.
 68641 007 DIS, 13:25-14:15 Th, Blegen Hall 210, In Person Term Based; ; 4 cr.
 68642 008 DIS, 10:10-11:00 F, Blegen Hall 145, In Person Term Based; ; 4 cr.

1032W Europe and the World: Expansion, Encounter, and Exchange from 1500 to Present

(Student Option; Prereq: Fr or soph or non-hist major GP,WI,HIS)
 67714 001 LEC, 11:15-12:05 MWF, Hanson Hall 1-108, In Person Term Based; PATRICIA LORCIN; 4 cr.
 67715 002 DIS, 12:20-13:10 M, Blegen Hall 115, In Person Term Based; ; 4 cr.
 67716 003 DIS, 12:20-13:10 T, Blegen Hall 115, In Person Term Based; ; 4 cr.
 67717 004 DIS, 12:20-13:10 W, Blegen Hall 115, In Person Term Based; ; 4 cr.
 67718 005 DIS, 11:15-12:05 Th, Blegen Hall 205, In Person Term Based; ; 4 cr.

1081 History of Christianity I: Martyrs, Monks, Crusaders

(Student Option;)
 69858 001 LEC, 11:15-12:05 MWF, Blegen Hall 215, In Person Term Based; Meets With: 001 HIST 3081001 RELS 3544001 RELS 1544001 MEST 1081001 MEST 3081; Andrea Sterk; 3 cr.

1082 Jesus in History

(Student Option; HIS)
 69062 001 LEC, 13:25-14:15 WF, Pillsbury Hall 110, In Person Term Based; Meets With: 001 CNES 1082001 RELS 1082001 CNES 3092001 RELS 3092001 HIST 3092; Stephen Ahearne-Kroll; 3 cr.
 69269 002 DIS, 13:25-14:15 M, Nicholson Hall 115, In Person Term Based; Meets With: 002 CNES 1082002 RELS 1082002 RELS 3092002 CNES 3092002 HIST 3092; 3 cr.
 69270 003 DIS, 12:20-13:10 M, Nicholson Hall 115, In Person Term Based; Meets With: 003 CNES 1082003 RELS 1082003 RELS 3092003 CNES 3092003 HIST 3092; 3 cr.

1302W Global America: U.S. History Since 1865

(Student Option; Prereq: Fr or soph or non-hist major DSJ,WI,HIS)
 49754 001 LEC, 9:45-11:00 MW, Anderson Hall 210, In Person Term Based; Barbara Welke, William Jones; 4 cr.
 49755 002 DIS, 11:15-12:05 M, Blegen Hall 335, In Person Term Based; 4 cr.
 49756 003 DIS, 11:15-12:05 M, Blegen Hall 330, In Person Term Based; 4 cr.
 49757 004 DIS, 12:20-13:10 M, Blegen Hall 335, In Person Term Based; 4 cr.
 49758 005 DIS, 9:05-9:55 T, Blegen Hall 210, In Person Term Based; 4 cr.
 49759 006 DIS, 11:15-12:05 W, Social Sciences Building 278, In Person Term Based; 4 cr.
 49760 007 DIS, 11:15-12:05 Th, Blegen Hall 210, In Person Term Based; 4 cr.
 49761 008 DIS, 12:20-13:10 Th, Blegen Hall 225, In Person Term Based; 4 cr.
 49762 009 DIS, 10:10-11:00 F, Blegen Hall 210, In Person Term Based; 4 cr.
 70458 010 DIS, 11:15-12:05 M, Blegen Hall 260, In Person Term Based; ; 4 cr.
 70459 011 DIS, 10:10-11:00 F, Blegen Hall 105, In Person Term Based; ; 4 cr.

1362 Global History of World War II

(Student Option; HIS)
 52720 001 LEC, 14:30-15:20 MW, Blegen Hall 150, In Person Term Based; Meets With: 001 HIST 3362; Hiromi Mizuno; 3 cr.
 69340 002 DIS, 13:25-14:15 F, Blegen Hall 105, In Person Term Based; ; 3 cr.
 70242 003 DIS, 14:30-15:20 F, Blegen Hall 220, In Person Term Based; ; 3 cr.

1912W Masculinities in the Americas

(Student Option No Audit; WI)
 68643 001 DIS, 14:30-15:45 MW, Blegen Hall 230, In Person Term Based; Malinda Lindquist; 3 cr.

3000 Visions of the Past: Thematic Approaches to Understanding History

(Student Option; HIS)
 69262 090 LEC, 16:00-17:15 TTh, Blegen Hall 135, In Person Term Based; Joseph Haker; 3 cr.
 69264 001 LEC, 13:00-14:15 MW, Blegen Hall 220, In Person Term Based; Tracey Deutsch; 3 cr.

3001 Public History

(A-F or Audit; Prereq: instr consent)
 69924 001 LEC, 9:45-11:00 TTh, Nicholson Hall 335, In Person Term Based; Meets With: 001 AMIN 3001; Christine DeLisle; 3 cr.

3020 Hands-On History

(A-F only;)
 67704 001 LEC, 13:00-14:15 MW, Blegen Hall 430, In Person Term Based; Helena Pohlandt-McCormick; 3 cr.
 68647 002 LEC, 14:30-15:45 TTh, Blegen Hall 145, In Person Term Based; Anna Clark; 3 cr.
 70134 003 LEC, 9:45-11:00 MW, Social Sciences Building 278, In Person Term Based; Malinda Lindquist; 3 cr.

3053 Ancient Civilization: Rome

(Student Option; HIS)
 51391 001 LEC, 9:05-9:55 MWF, Blegen Hall 435, In Person Term Based; Loren Cowdery; 3 cr.

3066 Prehistoric Pathways to World Civilization

(Student Option; HIS)
 51426 001 LEC, 9:45-11:00 MW, Blegen Hall 5, In Person Term Based; Meets With: 001 ANTH 3009001 ANTH 8009; Peter Wells; 3 cr.

3081 History of Christianity I: Martyrs, Monks, Crusaders

(Student Option;)
 67719 001 LEC, 11:15-12:05 MWF, Blegen Hall 215, In Person Term Based; Meets With: 001 RELS 3544001 HIST 1081001 RELS 1544001 MEST 1081001 MEST 3081; Andrea Sterk; 3 cr.

3092 Jesus in History

(Student Option; HIS)
 69271 001 LEC, 13:25-14:15 WF, Pillsbury Hall 110, In Person Term Based; Meets With: 001 CNES 1082001 RELS 1082001 CNES 3092001 RELS 3092001 HIST 1082; Stephen Ahearne-Kroll; 3 cr.
 69272 002 DIS, 13:25-14:15 M, Nicholson Hall 115, In Person Term Based; Meets With: 002 CNES 1082002 RELS 1082002 RELS 3092002 CNES 3092002 HIST 1082; 3 cr.
 69273 003 DIS, 12:20-13:10 M, Nicholson Hall 115, In Person Term Based; Meets With: 003 CNES 1082003 RELS 1082003 RELS 3092003 CNES 3092003 HIST 1082; 3 cr.

3152 British History From the Seventeenth Century

(Student Option; GP,HIS)
 52452 001 LEC, 9:45-11:00 TTh, Blegen Hall 145, In Person Term Based; Anna Clark; 3 cr.

3212 Dissident Sexualities in U.S. History

(A-F or Audit;)
 67720 001 LEC, 13:00-14:15 TTh, Blegen Hall 145, In Person Term Based; Meets With: 001 GLBT 3212001 AMST 3212; Kevin Murphy; 3 cr.

3265 20th-Century Russia: The Collapse of Imperial Russia, the Revolutions, and the Soviet Regime

(Student Option;)
 51392 001 LEC, 10:10-11:00 MWF, , In Person Term Based; Meets With: 001 HIST 5265; Theofanis Stavrou; 3 cr.

3282 European Intellectual History: The Modern Period, 1750-Present

(Student Option;)
 69260 001 LEC, 9:05-9:55 MWF, Blegen Hall 135, In Person Term Based; Andrew Schumacher Bethke; 3 cr.

3284W History through Memoir

(A-F only; HIS,WI)
 68634 001 LEC, 9:45-11:00 TTh, Blegen Hall 230, In Person Term Based; Kirsten Fischer; 3 cr.

3362 Global History of World War II

(Student Option; HIS)
 52721 001 LEC, 14:30-15:20 MW, Blegen Hall 150, In Person Term Based; Meets With: 001 HIST 1362; Hiromi Mizuno; 3 cr.

69341 002 DIS, 14:30-15:20 F, Blegen Hall 105, In Person Term Based; ; 3 cr.
 70243 003 DIS, 13:25-14:15 F, Blegen Hall 220, In Person Term Based; ; 3 cr.

3363 Global History of the Cold War

(A-F only;)
 68656 090 LEC, 18:20-20:50 T, Blegen Hall 255, In Person Term Based; Christopher Issett; 3 cr.

3402W Modern Latin America 1825 to Present

(Student Option; GP,WI,HIS)
 51560 001 LEC, 10:10-12:05 MW, Blegen Hall 120, In Person Term Based; Meets With: 001 LAS 3402W; Patrick McNamara; 4 cr.

3418 Drink in History

(Student Option; HIS)
 67721 001 LEC, 13:00-14:15 MW, , In Person Term Based; Patrick McNamara; 3 cr.

3424 Women and Gender in Latin American History

(Student Option; GP,HIS)
 67705 001 LEC, 8:15-9:30 MW, Blegen Hall 220, In Person Term Based; Meets With: 001 GLOS 3934; Paula Cuellar Cuellar; 3 cr.

3431 Early Africa and Its Global Connections

(Student Option; GP,HIS)
 52456 001 LEC, 8:15-9:30 TTh, Blegen Hall 130, In Person Term Based; Meets With: 001 AFRO 3431; Jessica Farrell; 3 cr.

3435 History of South Africa from 1910

(Student Option;)
 67706 001 LEC, 11:15-12:30 MW, Blegen Hall 235, In Person Term Based; Meets With: 001 AFRO 3205; Helena Pohlandt-McCormick; 3 cr.

3455 West African History: 1800 to Present

(Student Option; GP)
 68906 001 LEC, 11:15-12:05 MWF, Hubert H. Humphrey School 60, In Person Term Based; Meets With: 001 AFRO 3002; Victoria Coifman; 3 cr.

3462 From Subjects to Citizens: The History of East Asia From 1500 to the Present

(Student Option; GP,HIS)
 50886 001 LEC, 9:45-11:00 MW, Blegen Hall 215, In Person Term Based; Meets With: 001 EAS 3462; Ann Waltner; 3-4 cr.

3486 Hmong Refugees from the Secret War: Becoming Americans

(Student Option;)
 52457 001 LEC, 13:00-14:15 MW, Blegen Hall 425, In Person Term Based; Meets With: 001 AAS 3486; Mai Na Lee; 3 cr.

3487 The Vietnam Wars: French Colonialism and U.S. Intervention in Indochina

(Student Option;)
 52458 001 LEC, 9:45-11:00 MW, Blegen Hall 230, In Person Term Based; Meets With: 001 GLOS 3487; Mai Na Lee; 3 cr.

3489 20th Century India

(A-F or Audit;)
 67707 001 LEC, 9:45-11:00 MW, Blegen Hall 145, In Person Term Based; Ajay Skaria; 3 cr.

3494W Christ in Islamic Thought

(Student Option; Prereq: NoneWI)
 52036 090 LEC, 17:30-20:00 W, Blegen Hall 220, In Person Term Based; Meets With: 001 RELS 3718W; Nabil Matar; 3 cr.

3509 Approaches to the Study of the Middle East

(A-F or Audit;)
 67722 001 DIS, 14:30-17:00 Th, Blegen Hall 155, In Person Term Based; Carol Hakim; 3 cr.

3546 Islam and the West

(Student Option;)

51658 001 LEC, 10:10-11:00 MWF, Blegen Hall 135, In Person Term Based; Meets With: 001 RELS 3714001 GLOS 3643; Iraj Bashiri ; 3 cr.

3547 The Ottoman Empire

(Student Option; GP,HIS)
67723 001 LEC, 14:30-15:45 MW, Anderson Hall 330, In Person Term Based; Meets With: 001 RELS 3722; Giancarlo Casale ; 3 cr.

3611 Medieval Cities of Europe: 500-1500

(Student Option; GP,HIS)
51774 001 LEC, 11:15-12:30 TTh, Anderson Hall 250, In Person Term Based; Meets With: 001 MEST 3611; Kathryn Reyerson ; 3 cr.

3613 History of the Crusades

(Student Option; GP,HIS)
67709 001 LEC, 9:45-11:00 TTh, Blegen Hall 150, In Person Term Based; Meets With: 001 RELS 3715001 MEST 3613; Michael Lower ; 3 cr.

3632 History of Germany; Reformation to Unification: 1500-1871

(Student Option;)
69456 001 LEC, 11:15-12:30 TTh, Blegen Hall 220, In Person Term Based; Jan Volek ; 3 cr.

3708 The Age of Curiosity: Art and Knowledge in Europe, 1500-1800

(Student Option; AH,TS)
52460 001 LEC, 10:10-11:00 MW, Anderson Hall 350, In Person Term Based; Meets With: 001 ARTH 3315; Michael Gaudio ; 3 cr.
69892 002 DIS, 10:10-11:00 F, Blegen Hall 240, In Person Term Based; Meets With: 002 ARTH 3315; 3 cr.
69893 003 DIS, 10:10-11:00 Th, Blegen Hall 125, In Person Term Based; Meets With: 003 ARTH 3315; 3 cr.

3729 Nazi Germany and Hitler's Europe

(Student Option;)
67710 001 LEC, 14:30-15:45 MW, , In Person Term Based; Meets With: 001 JWST 3729; Igor Tchoukarine ; 3 cr.

3767 Eastern Orthodoxy: History and Culture

(Student Option;)
50638 090 LEC, 18:20-20:50 M, Blegen Hall 145, In Person Term Based; Meets With: 001 RELS 3611; Theofanis Stavrou ; 3 cr.

3804 Religion and the American Culture Wars

(Student Option; HIS)
51217 001 LEC, 14:30-15:45 TTh, Blegen Hall 215, In Person Term Based; Meets With: 001 RELS 3623; Kirsten Fischer ; 3 cr.

3812 The Civil War and Reconstruction

(Student Option;)
67724 001 LEC, 8:15- 9:30 MW, , In Person Term Based; J. David Hacker ; 3 cr.

3821 United States in the 20th Century to 1945

(Student Option; HIS)
51795 090 LEC, 13:00-15:30 T, Walter W Heller Hall 1210, In Person Term Based; Saje Mathieu ; 3 cr.

3822 Making America Modern: 1945 to Present

(Student Option;)
69618 301 LEC, Completely Online; Andrew Hoyt ; 3 cr.

3838 Family History in America

(A-F only;)
67711 001 LEC, 14:30-15:45 TTh, Blegen Hall 240, In Person Term Based; David Chang ; 3 cr.

3852 Work and Workers in the United States

(Student Option;)
67712 001 LEC, 13:00-14:15 MW, Blegen Hall 145, In Person Term Based; William Jones ; 3 cr.

3865 African American History, 1865 to Present

(A-F or Audit;)
52465 001 LEC, 11:15-12:30 TTh, Walter W Heller Hall 1210, In Person Term Based; Meets With: 001 AFRO 3865; Saje Mathieu ; 3 cr.

3868W Race, War, and Race Wars in American History

(A-F or Audit; CIV,WI)
67713 090 LEC, 17:30-20:00 M, Blegen Hall 235, In Person Term Based; Meets With: 001 AFRO 3868W; Malinda Lindquist ; 3 cr.

3872 American Indian History: 1830 to the Present

(Student Option; DSJ,HIS)
52467 001 LEC, 8:15- 9:30 TTh, Blegen Hall 230, In Person Term Based; Jessica Arnett ; 3 cr.

3882 U.S. and the World

(Student Option;)
69261 001 LEC, 18:20-20:50 Th, Blegen Hall 135, In Person Term Based; Scott McDowell ; 3 cr.

3980W Supplemental Writing in History

(Student Option; Prereq: instr consent; must take a 3-cr xxx or 5xxx course taken concurrentlyWI)
49438 001 LEC, In Person Term Based; 1 cr.
51434 002 LEC, In Person Term Based; 1 cr.

3993 Directed Study

(A-F or Audit; Prereq: instr consent, dept consent, college consent.)
49430 001 IND, 00:00-00:00 , , In Person Term Based; 1-16 cr.
51435 002 IND, In Person Term Based; 1-16 cr.

3994 Directed Research

(A-F or Audit; Prereq: instr consent, dept consent, college consent)
49431 001 IND, 00:00-00:00 , , In Person Term Based; 1-16 cr.
51436 002 IND, In Person Term Based; 1-16 cr.

4010W Honors: Research Seminar

(A-F or Audit; Prereq: Jr or sr history major, honors, or instr consentWI)
69380 001 LEC, 14:30-16:10 MW, Blegen Hall 335, In Person Term Based; Meets With: 001 HIST 4010W; Andrea Sterk ; 4 cr.
69381 002 LEC, 9:45-11:25 TTh, Hubert H. Humphrey School 30, In Person Term Based; Meets With: 002 HIST 4010W; Daniel Schroeter ; 4 cr.

4010W Research Seminar

(A-F or Audit; Prereq: Jr or Sr history major or instr consentWI)
68904 001 LEC, 14:30-16:10 MW, Blegen Hall 335, In Person Term Based; Meets With: 001 HIST 4010W; Andrea Sterk ; 4 cr.
68905 002 LEC, 9:45-11:25 TTh, Hubert H. Humphrey School 30, In Person Term Based; Meets With: 002 HIST 4010W; Daniel Schroeter ; 4 cr.

4961V Honors: Major Paper

(A-F only; Prereq: dept consent, instr consent; sign up in Undergraduate Studies Office two sem in advanceWI)
50416 001 LEC, 13:25-15:20 MW, Blegen Hall 130, In Person Term Based; Meets With: 001 HIST 4961V; Carol Hakim ; 4 cr.

4961W Major Paper

(A-F or Audit; Prereq: dept consent, instr consent; sign up in Undergraduate Studies Office two sem in advanceWI)
48792 001 LEC, 13:25-15:20 MW, Blegen Hall 130, In Person Term Based; Meets With: 001 HIST 4961V; Carol Hakim ; 4 cr.

4970 Historical Internship

(Student Option;)
50904 001 FWK, 15:35-17:30 W, Blegen Hall 130, Independent/Directed Study; Tim Hoogland, John Little ; 1-12 cr.

5265 20th-Century Russia: The Collapse of Imperial Russia, the Revolutions, and the Soviet Regime

(Student Option;)
49995 001 LEC, 10:10-11:00 MWF, , In Person Term Based; Meets With: 001 HIST 3265; Theofanis Stavrou ; 3 cr.

5902 Latin America Proseminar: Modern

(A-F or Audit; Prereq: instr consent)
70219 090 LEC, In Person Term Based; Patrick McNamara ; 3 cr.

5910 Topics in U.S. History

(Student Option; Prereq: Grad or advanced undergrad student with instr consent)
52761 001 LEC, 13:25-15:20 T, Walter W Heller Hall 1229, In Person Term Based; Erika Lee ; 1-4 cr.

5993 Directed Study

(Student Option; Prereq [Grad student or sr], instr consent, dept consent, college consent.)
49439 001 IND, 00:00-00:00 , , In Person Term Based; 1-16 cr.

8122 Public Histories

(A-F or Audit;)
69687 001 LEC, 15:35-17:30 W, Blegen Hall 205, In Person Term Based; Gail Dubrow ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
49545 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
49569 001 IND, In Person Term Based; 1 cr.

8540 Topics in Mediterranean Studies

(A-F or Audit; Prereq: Grad student or advanced undergrad with instr consent)
52126 001 LEC, 13:25-15:20 Th, Blegen Hall 430, In Person Term Based; Michael Lower, Daniel Schroeter ; 1-4 cr.

8645 American Legal History

(A-F only;)
69060 001 LEC, 15:35-17:30 T, Blegen Hall 220, In Person Term Based; Barbara Welke ; 3 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
49594 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
49613 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 14 cr per semester or summer, 24 cr required)
49621 001 IND, In Person Term Based; 1-24 cr.

8900 Topics in European/Medieval History

(A-F or Audit;)
51317 090 LEC, 13:25-15:20 T, Blegen Hall 125, In Person Term Based; Kathryn Reyerson ; 1-4 cr.

8960 Topics in History

(A-F or Audit;)
51786 002 LEC, 13:25-15:20 Th, Walter W Heller Hall 1229, In Person Term Based; Katharine Gerbner ; 1-4 cr.
52561 004 LEC, 13:25-15:20 F, Carlson School of Mgmt 1-122, In Person Term Based; Jean O'Brien ; 1-4 cr.
68631 005 LEC, 13:25-15:20 W, Walter W Heller Hall 1229, In Person Term Based; PATRICIA LORCIN ; 1-4 cr.

8970 Advanced Research in Quantitative History

(A-F or Audit; Prereq: Grad student)
51490 001 LEC, 16:40-18:35 W, Blegen Hall 225, In Person Term Based; J. David Hacker ; 3 cr.

8993 Directed Study

(A-F or Audit; Prereq: Grad student, instr consent)
49622 001 IND, In Person Term Based; 1-16 cr.

8994 Directed Research

(A-F or Audit; Prereq: instr consent)
49623 001 IND, In Person Term Based; 1-16 cr.

History of Medicine (HMED)

3002W Health Care in History II

(Student Option; HIS,WI)
58098 001 LEC, 10:10-11:00 MWF, Mayo Bldg & Additions C231, In Person Term Based; Peter Kernahan ; 4 cr.

58099 002 DIS, 11:15-12:05 W, Vincent Hall 313, In Person Term Based; 4 cr.
 58100 007 DIS, 11:15-12:05 Th, Amundson Hall 104, In Person Term Based; 4 cr.
 58101 005 DIS, 10:10-11:00 Th, Akerman Hall 319, In Person Term Based; 4 cr.
 58312 003 DIS, 11:15-12:05 W, Amundson Hall 120, In Person Term Based; 4 cr.
 58313 006 DIS, 11:15-12:05 Th, Amundson Hall 156, In Person Term Based; 4 cr.
 58314 004 DIS, 13:25-14:15 W, Amundson Hall 104, In Person Term Based; 4 cr.

3040 Human Health, Disease, and the Environment in History

(Student Option; HIS)

58689 001 LEC, 9:45-11:00 TTh, Bruininks Hall 512B, In Person Term Based; Jole Shackelford; 3 cr.

3055 Women, Health, and History

(A-F only; DSJ,HIS)

67241 001 LEC, 11:15-12:30 TTh, Bruininks Hall 530B, In Person Term Based; Dominique Tobbell; 3 cr.

4965W Senior Research in Medical History

(A-F only; Prereq: Sr, instr consent/WI)

59166 001 LEC, 14:30-17:00 Th, Bruininks Hall 420A, In Person Term Based; Laura Luepke; 3 cr.

7500 Historical Research for Medical Students

(H-N only;)

58843 099 IND, In Person Term Based; 4 cr.

8113 Research Methods in the History of Science, Technology, and Medicine

(A-F only; Prereq: instr consent)

58557 001 LEC, 14:25-16:20 Th, Bruininks Hall 119, In Person Term Based; Meets With: 001 HSCI 8113; Dominique Tobbell; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

58273 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

58282 001 IND, In Person Term Based; 1 cr.

8632 Directed Study

(A-F or Audit; Prereq: instr consent)

58428 001 IND, 00:00-00:00 , In Person Term Based; Jennifer Gunn, Jole Shackelford, Dominique Tobbell; 1-6 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

58291 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

58300 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

58316 001 IND, In Person Term Based; 1-24 cr.

History of Science and Tech (HSCI)

1011 Digital World

(Student Option; HIS,TS)

57594 001 LEC, 12:20-13:10 MW, West Bank Skyway 20, In Person Term Based; Joline Zepcevski; 3 cr.
 57734 002 DIS, 15:35-16:25 W, Bruininks Hall 144, In Person Term Based; Joline Zepcevski; 3 cr.
 57735 003 DIS, 14:30-15:20 W, Bruininks Hall 119, In Person Term Based; Joline Zepcevski; 3 cr.
 57736 004 DIS, 10:10-11:00 Th, Bruininks Hall 512A, In Person Term Based; Joline Zepcevski; 3 cr.
 57737 005 DIS, 12:20-13:10 Th, Bruininks Hal 121, In Person Term Based; Joline Zepcevski; 3 cr.

57738 006 DIS, 9:05-9:55 F, Bruininks Hall 119, In Person Term Based; Joline Zepcevski; 3 cr.

57739 007 DIS, 12:20-13:10 F, Ford Hall 155, In Person Term Based; Joline Zepcevski; 3 cr.

70255 008 DIS, 15:45-16:35 W, Hubert H. Humphrey School 20, In Person Term Based; Joline Zepcevski; 3 cr.

1212 Life on Earth: Origins, Evolution & Ecology

(Student Option; ENV,HIS)

56809 001 LEC, 11:15-12:30 TTh, Mechanical Engineering 18, In Person Term Based; Tulley Long; 4 cr.
 56810 002 DIS, 13:25-14:15 T, Bruininks Hal 121, In Person Term Based; Tulley Long; 4 cr.
 56811 003 DIS, 10:10-11:00 W, Bruininks Hall 119, In Person Term Based; Tulley Long; 4 cr.
 56880 004 DIS, 12:20-13:10 W, Vincent Hall 313, In Person Term Based; Tulley Long; 4 cr.
 56935 005 DIS, 10:10-11:00 Th, Bruininks Hall 119, In Person Term Based; Tulley Long; 4 cr.
 57745 006 DIS, 13:25-14:15 Th, Bruininks Hal 121, In Person Term Based; Tulley Long; 4 cr.

1715 History of Modern Technology: Waterwheels to the Web

(Student Option; HIS,TS)

57229 001 LEC, 18:00-20:45 M, Bruininks Hall 530B, In Person Term Based; Meets With: 001 HSCI 3715; Mary Thomas; 3-4 cr.
 57231 002 LEC, 18:00-20:45 W, Bruininks Hall 330, In Person Term Based; Meets With: 002 HSCI 3715; Mary Thomas; 3-4 cr.

1815 Making Modern Science: Atoms, Genes and Quanta

(Student Option; GP,HIS)

57193 001 LEC, 10:10-11:00 MWF, Mechanical Engineering 108, In Person Term Based; Meets With: 001 HSCI 3815; Michel Janssen; 3-4 cr.
 57194 002 DIS, 11:15-12:05 M, Bruininks Hall 123, In Person Term Based; Meets With: 002 HSCI 3815; Michel Janssen; 3-4 cr.
 57195 003 DIS, 10:10-11:00 T, Bruininks Hall 119, In Person Term Based; Meets With: 003 HSCI 3815; Michel Janssen; 3-4 cr.
 57196 004 DIS, 11:15-12:05 W, Bruininks Hall 144, In Person Term Based; Meets With: 004 HSCI 3815; Michel Janssen; 3-4 cr.
 57197 005 DIS, 10:10-11:00 Th, Amundson Hall 156, In Person Term Based; Meets With: 005 HSCI 3815; Michel Janssen; 3-4 cr.

3242 Navigating a Darwinian World

(Student Option; HIS)

57066 001 LEC, 11:15-12:30 TTh, Ford Hall 110, In Person Term Based; Meets With: 001 HSCI 5242; Mark Borrello; 3 cr.

3246 History of (Un)Natural Disasters

(Student Option; ENV,HIS)

70545 001 LEC, 9:45-11:00 TTh, , In Person Term Based; Meets With: 001 HSCI 5246; Robert Gardner; 3 cr.

3331 Technology and American Culture

(Student Option; HIS,TS)

57072 001 LEC, 14:30-15:45 TTh, Pillsbury Hall 110, In Person Term Based; Meets With: 001 HSCI 5331; Robert Gardner; 3 cr.

3332 Science in the Shaping of America

(Student Option; DSJ,HIS)

57181 001 LEC, 9:45-11:00 TTh, Tate Hall B85, In Person Term Based; Meets With: 001 HSCI 5332; Sally Kohlstedt; 3 cr.

3421 Engineering Ethics

(Student Option; CIV,HIS)

67134 001 LEC, 13:25-14:15 MWF, Keller Hall 3-230, In Person Term Based; Jennifer Alexander; 3 cr.

3611 Enlightenment, Revolution, and the Rise of Modern Science

(Student Option; GP,HIS)

57308 001 LEC, 16:00-17:15 MW, Ford Hall 151, In Person Term Based; Meets With: 003 EMS 5500001 HSCI 5611; Victor Boantza; 3 cr.

3715 History of Modern Technology: Waterwheels to the Web

(Student Option; HIS,TS)

57230 001 LEC, 18:00-20:45 M, Bruininks Hall 530B, In Person Term Based; Meets With: 001 HSCI 1715; Mary Thomas; 3-4 cr.

57237 002 LEC, 18:00-20:45 W, Bruininks Hall 330, In Person Term Based; Meets With: 002 HSCI 1715; Mary Thomas; 3-4 cr.

3815 Making Modern Science: Atoms, Genes and Quanta

(Student Option; GP,HIS)

57198 001 LEC, 10:10-11:00 MWF, Mechanical Engineering 108, In Person Term Based; Meets With: 001 HSCI 1815; Michel Janssen; 3-4 cr.
 57199 002 DIS, 11:15-12:05 M, Bruininks Hall 123, In Person Term Based; Meets With: 002 HSCI 1815; Michel Janssen; 3-4 cr.
 57200 003 DIS, 10:10-11:00 T, Bruininks Hall 119, In Person Term Based; Meets With: 003 HSCI 1815; Michel Janssen; 3-4 cr.
 57201 004 DIS, 11:15-12:05 W, Bruininks Hall 144, In Person Term Based; Meets With: 004 HSCI 1815; Michel Janssen; 3-4 cr.
 57202 005 DIS, 10:10-11:00 Th, Amundson Hall 156, In Person Term Based; Meets With: 005 HSCI 1815; Michel Janssen; 3-4 cr.

4060 Special Topics in History of Technology

(Student Option;)

69830 001 LEC, 9:45-11:00 TTh, Bruininks Hall 117, In Person Term Based; Robert Gardner; 3 cr.

4121W History of 20th-Century Physics

(Student Option; WI)

57671 001 LEC, 16:40-19:20 Th, Keller Hall 3-115, In Person Term Based; Meets With: 001 PHYS 4121W; Michel Janssen; 3 cr.

4455 Women, Gender, and Science

(Student Option; DSJ,HIS)

67135 001 LEC, In Person Term Based; 3 cr.

5242 Navigating a Darwinian World

(Student Option;)

57067 001 LEC, 11:15-12:30 TTh, Ford Hall 110, In Person Term Based; Meets With: 001 HSCI 3242; Mark Borrello; 3 cr.

5246 History of (Un)Natural Disasters

(Student Option;)

70573 001 LEC, 9:45-11:00 TTh, , In Person Term Based; Meets With: 001 HSCI 3246; Robert Gardner; 3 cr.

5331 Technology and American Culture

(Student Option;)

68066 001 LEC, 14:30-15:45 TTh, Pillsbury Hall 110, In Person Term Based; Meets With: 001 HSCI 3331; Robert Gardner; 3 cr.

5332 Science in the Shaping of America

(Student Option;)

57632 001 LEC, 9:45-11:00 TTh, Tate Hall B85, In Person Term Based; Meets With: 001 HSCI 3332; Sally Kohlstedt; 3 cr.

5611 Enlightenment, Revolution, and the Rise of Modern Science

(Student Option;)

57309 001 LEC, 16:00-17:15 MW, Ford Hall 151, In Person Term Based; Meets With: 003 EMS 5500001 HSCI 3611; Victor Boantza; 3 cr.

5993 Directed Studies

(Student Option; Prereq: instr consent)

55482 001 IND, 00:00-00:00 , In Person Term Based; 1-15 cr.

5994 Directed Research

(Student Option; Prereq: instr consent)

55481 001 IND, 00:00-00:00 , In Person Term Based; 1-15 cr.

8113 Research Methods in the History of Science, Technology, and Medicine

(A-F only;)

56584 001 LEC, 14:25-16:20 Th, Bruininks Hall 119, In Person Term Based; Meets With: 001 HSCI 8113; Dominique Tobbell; 3 cr.

8125 Foundations for Research in the Scientific Revolution

(A-F or Audit; Prereq: Grad HSci major or minor or instr consent)

57203 001 LEC, 15:35-17:30 T, Lind Hall 216, In Person Term Based; Meets With: 002 EMS 8500; Victor Boantza; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

55644 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

55660 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

55678 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required (Plan A only))

55696 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

55716 001 IND, In Person Term Based; 1-24 cr.

8993 Directed Studies

(Student Option; Prereq: instr consent)

55480 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

8994 Directed Research

(Student Option;)

55479 001 IND, In Person Term Based; 1-5 cr.

Hmong (HMNG)**1012 Beginning Hmong II**

(Student Option;)

50014 050 LEC, 18:15-20:35 MW, Folwell Hall 10, In Person Term Based; Meets With: 050 HMNG 4002; Kia Yang ; 5 cr.
51027 001 LEC, 13:25-14:15 MTWThF, Folwell Hall 5, In Person Term Based; Meets With: 001 HMNG 4002; Kia Yang ; 5 cr.**3016 Accelerated Intermediate Hmong**

(Student Option; Prereq: [1011 and 1012] or 1015 or instr consent)

51555 050 LEC, 16:40-17:30 MTWThF, Folwell Hall 10, In Person Term Based; Meets With: 050 HMNG 4006; Bee Vang ; 5 cr.

3022 Intermediate Hmong II

(Student Option;)

50616 001 LEC, 15:35-16:25 MTWThF, Folwell Hall 10, In Person Term Based; Meets With: 001 HMNG 4004; Kia Yang ; 5 cr.

3290 Hmong Language Teaching Tutorial

(S-N only; Prereq: Grade of A in 3022)

50954 001 FWK, In Person Term Based; Bee Vang ; 1 cr.

5040 Readings in Hmong Texts

(Student Option;)

67837 001 LEC, 13:00-14:15 TTh, Folwell Hall 119, In Person Term Based; Bee Vang ; 2-4 cr.

Honors Seminar (HSEM)**2018H The American Quest for Security**

(A-F only; CIV,HIS)

68036 001 DIS, 13:00-14:15 TTh, Blegen Hall 140, In Person Term Based; Elaine May ; 3 cr.

2039H IAS Thursdays: Across the University & Beyond

(A-F only;)

68028 001 DIS, 15:35-16:50 TTh, Northrop Memorial Aud 240, 15:35-16:50 T, Nolte Center 20, 15:35-16:50 Th, Room TBA, 15:35-16:50 TTh, Northrop Memorial Aud 240, In Person Term Based; Susannah Smith ; 3 cr.

2053H The Psychology of Paranormal Phenomena

(A-F only;)

68030 001 DIS, 9:45-11:00 TTh, Northrop Memorial Aud 240, 9:45-11:00 TTh, Nolte Center 20, 9:45-11:00 TTh, Northrop Memorial Aud 240, In Person Term Based; Charles Fletcher ; 3 cr.

2208H Housing Matters

(A-F only; DSJ)

68050 001 DIS, 13:25-16:15 M, Northrop Memorial Aud 110, 13:25-16:15 M, Nolte Center 20, 13:25-16:15 M, Northrop Memorial Aud 110, In Person Term Based; Becky Yust ; 3 cr.

2516H Slow Death by Rubber Duck:**Chemicals We Use and Their Effects on the Environment and Us**

(A-F only;)

68029 001 DIS, 13:25-15:20 W, Keller Hall 2-260, In Person Term Based; Bill Arnold ; 2 cr.

2716V Social Justice and Health

(A-F only; DSJ,WI)

68031 001 DIS, 11:15-12:30 MW, Northrop Memorial Aud 240, 11:15-12:30 MW, Nolte Center 20, 11:15-12:30 MW, Northrop Memorial Aud 240, In Person Term Based; Debra DeBruin ; 3 cr.

2725H Zombies and their Souls:**Philosophy, Bioethics and the Undead**

(A-F or Audit;)

68077 001 DIS, 13:00-15:45 Th, Appleby Hall 223, In Person Term Based; Bruce Elliott Jr ; 3 cr.

2802H Cinematic Representations of**American Law**

(A-F only; DSJ)

68032 001 DIS, 16:00-18:30 T, Carlson School of Mgmt L-122, In Person Term Based; Chang Wang ; 3 cr.

3013H Caravaggio: Bad Boy of the Baroque

(A-F only; AH)

68033 001 DIS, 13:00-15:30 Th, Walter W Heller Hall 445, In Person Term Based; Steven Ostrow ; 3 cr.

3054H The Agile Mind: Cognitive & Brain Bases

(A-F only; Prereq: [Jr or sr] honors student)

68074 001 DIS, 18:00-20:30 T, Bruininks Hall 512A, In Person Term Based; Wilma Koutstaal ; 3 cr.

3308V Incarceration and the Family

(A-F only; Prereq: [Jr or sr] honors studentWI)

68034 001 DIS, 9:05-12:05 F, Amundson Hall 104, 9:05-12:05 F, Amundson Hall 104, 9:05-12:05 F, Amundson Hall 104, In Person Term Based; Rebecca Schlafer ; 3 cr.

3636H On Vaccines and Vaccinations:**Needless Needles?**

(A-F only;)

68085 001 DIS, 15:30-17:00 TTh, Bruininks Hall 312, In Person Term Based; Mark Rutherford, Erin Dickerson ; 3 cr.

3701H Exercise is Medicine

(A-F only;)

68078 001 DIS, 13:25-14:15 MW, Moos Health Sci Tower 1-430, In Person Term Based; James Langland ; 2 cr.

3941H The Nature of the Cosmos

(A-F only;)

68035 001 DIS, 9:45-11:00 TTh, Blegen Hall 225, In Person Term Based; JB Shank ; 3 cr.

Horticultural Science (HORT)**1001 Plant Propagation**

(Student Option; BIOL)

52879 001 LEC, 11:45-13:00 TTh, Borlaug Hall 335, In Person Term Based; Meets With: 001 HORT 6011; Matthew Clark ; 4 cr.

52880 002 LAB, 9:35-11:30 T, Plant Growth Facility 140A, In Person Term Based; Meets With: 002 HORT 6011; William Peters ; 4 cr.

52881 003 LAB, 13:15-15:10 T, Plant Growth Facility 140A, In Person Term Based; Meets With: 003 HORT 6011; William Peters ; 4 cr.

52882 004 LAB, 9:35-11:30 Th, Plant Growth Facility 140A, In Person Term Based; Meets With: 004 HORT 6011; William Peters ; 4 cr.

52883 005 LAB, 13:15-15:10 Th, Plant Growth Facility 140A, In Person Term Based; Meets With: 005 HORT 6011; William Peters ; 4 cr.

1003 Organic Gardening: From Balconies to Backyards

(A-F only;)

53505 301 LEC, Completely Online; Emily Tepe ; 3 cr.

1013 Floral Design

(Student Option;)

53504 001 LEC, Completely Online; Neil Anderson ; 3 cr.

1014 Edible Landscape

(Student Option; TS)

53301 001 LEC, 17:10-18:30 W, Bruininks Hall 312, Primarily Online; Thomas Michaels ; 3 cr.

1090 Directed Studies

(Student Option; Prereq: instr consent or department permission)

53356 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.

3090 Directed Studies

(Student Option; Prereq: Nonfr, instr consent)

53293 001 IND, 11:30-15:30 F, McNeal Hall 146, In Person Term Based; 1-3 cr.

3480 Topics in Sustainable Horticulture

(Student Option;)

68098 001 LEC, 17:45-19:30 T, McNeal Hall 146, In Person Term Based; Andrew Petran ; 1-4 cr.

4096 Professional Experience Program:**Internship**

(S-N only; Prereq: CFANS undergrad, completed internship contract prior to employment)

52878 001 FWK, 00:00-00:00 , , In Person Term Based; 1 cr.

4096W Professional Experience Program:**Internship**

(A-F only; Prereq: CFANS undergradWI)

67730 001 FWK, In Person Term Based; 2 cr.

4113 Identifying Plants for the Home and Garden: Garden, Annual, and Potted Plants

(A-F only;)

68660 001 LAB, 13:15-15:10 M, Alderman Hall 405, In Person Term Based; John Erwin ; 1 cr.

4601 Aquaponics: Integrated fish and plant food systems

(A-F only; Prereq: Biol 1001 or Biol 1009)

53383 001 LEC, 9:35-10:25 TTh, Alderman Hall 415, In Person Term Based; Neil Anderson, Alexander Primus ; 4 cr.

53384 002 LAB, 10:40-13:40 T, Plant Growth Facility 140B, In Person Term Based; Neil Anderson, Alexander Primus ; 4 cr.

5007 Advanced Plant Propagation

(Student Option; Prereq: 1001 or BIOL 2022)

68312 001 LEC, 17:10-18:00 MW, Plant Growth Facility 132, In Person Term Based; Jerry Cohen ; 3 cr.
68313 002 LAB, 15:00-16:55 M, Plant Growth Facility 132, In Person Term Based; Jerry Cohen ; 3 cr.**5023 Public Garden Management**

(Student Option;)

68320 001 LEC, 13:55-15:05 M, Alderman Hall 310, In Person Term Based; Stan Hokanson ; 2 cr.

5058 Plant Cytogenetics

(Student Option; Prereq: [HORT/AGRO 4401, BIOL 4004] or instr consent)

53417 001 LEC, 9:30-10:30 WF, Alderman Hall 152, In Person Term Based; Changbin Chen ; 2 cr.

5059 Plant Cytogenetics Lab

(Student Option; Prereq: [HORT/AGRO 4401, BIOL 4004] or instr consent)

53418 001 LAB, 12:45-14:45 F, Plant Growth Facility 136, In Person Term Based; Changbin Chen ; 1 cr.

5090 Directed Studies

(Student Option; Prereq: 8 cr upper div Hort courses, instr consent)

52875 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

6003 Masters of Professional Studies in Horticulture Professional Experience**Program: Internship**

(S-N only; Prereq: Masters of professional studies in horticulture student, completed internship contract, instr consent)

53070 001 FWK, In Person Term Based; Mary Meyer ; 1-3 cr.

8007 Extension Horticulture Practicum

(Student Option; Prereq: 9 grad cr in [ag or bio] science, instr consent)

52876 001 FWK, 00:00-00:00 , , In Person Term Based; James Luby ; 1-5 cr.

8090 Graduate Horticultural Research

(Student Option; Prereq: instr consent)

52877 001 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

8270 Graduate Seminar

(A-F or Audit; Prereq: Grad major in [hort or applied plant sciences or ent or agro or plnt brdg or plnt path or soil] or instr consent)

53071 001 LEC, 15:30-16:20 M, Borlaug Hall 306, In Person Term Based; Meets With: 001 AGRO 8270; Donald Wyse ; 1 cr.

Housing Studies (HSG)**2463 Housing and Community Development**

(A-F or Audit;)

46476 001 LEC, 9:45-11:00 TTh, McNeal Hall 250, In Person Term Based; Jeffrey Crump ; 3 cr.

3482 Sustainable Housing: Community, Environment, and Technology

(A-F or Audit; TS)

70247 001 LEC, Completely Online; Meets With: 001 ESPM 3601; 3 cr.

4160H Honors Capstone Project

(A-F only; Prereq: Housing studies honors)

46294 001 LEC, In Person Term Based; Becky Yust ; 2 cr.
46296 003 LEC, In Person Term Based; Jeffrey Crump ; 2 cr.
46297 004 LEC, In Person Term Based; Ann Ziebarth ; 2 cr.**4193 Directed Study in Housing Studies**

(A-F or Audit; Prereq: Undergrad, instr consent)

46298 001 IND, Independent/Directed Study; Becky Yust ; 1-4 cr.
46300 003 IND, Independent/Directed Study; Jeffrey Crump ; 1-4 cr.
46301 004 IND, Independent/Directed Study; Ann Ziebarth ; 1-4 cr.**4196 Internship in Housing Studies**

(S-N or Audit; Prereq: Completion of at least one-half of professional sequence, plan submitted/approved in advance by [adviser, internship supervisor], written consent of faculty supervisor, instr consent)

46302 001 FWK, Independent/Directed Study; Becky Yust ; 1-4 cr.
46304 003 FWK, Independent/Directed Study; Jeffrey Crump ; 1-4 cr.
46305 004 FWK, Independent/Directed Study; Ann Ziebarth ; 1-4 cr.**4461 Housing Development and Management**

(A-F or Audit;)

67049 001 LEC, 12:20-14:15 TTh, Northrop Memorial Aud 110, In Person Term Based; Becky Yust ; 4 cr.

5193 Directed Study in Housing Studies

(A-F or Audit; Prereq: Jr or sr or grad student)

46306 001 IND, Independent/Directed Study; Becky Yust ; 1-4 cr.
46308 003 IND, Independent/Directed Study; Jeffrey Crump ; 1-4 cr.
46309 004 IND, Independent/Directed Study; Ann Ziebarth ; 1-4 cr.**5463 Housing Policy**

(A-F or Audit; Prereq: [[2401 or DHA 2401], [2463 or DHA 2463]] or instr consent)

46310 001 LEC, 9:45-11:00 TTh, Hubert H. Humphrey School 25, In Person Term Based; Meets With: 001 PA 5261; Tony Damiano ; 3 cr.

8192 Readings in Housing Studies

(A-F or Audit; Prereq: instr consent)

46312 001 IND, In Person Term Based; Becky Yust ; 1-3 cr.
46314 003 IND, In Person Term Based; Jeffrey Crump ; 1-3 cr.
46315 004 IND, In Person Term Based; Ann Ziebarth ; 1-3 cr.**8193 Directed Study**

(A-F or Audit; Prereq: instr consent)

46316 001 IND, In Person Term Based; Becky Yust ; 1-3 cr.
46318 003 IND, In Person Term Based; Jeffrey Crump ; 1-3 cr.
46319 004 IND, In Person Term Based; Ann Ziebarth ; 1-3 cr.**8222 Plan B Master's Project**

(S-N or Audit; Prereq: [DHA or design master's] student, instr consent)

46320 001 IND, In Person Term Based; Becky Yust ; 3 cr.
46322 003 IND, In Person Term Based; Jeffrey Crump ; 3 cr.
46323 004 IND, In Person Term Based; Ann Ziebarth ; 3 cr.**8467 Theoretical Perspectives in Housing Studies**

(A-F or Audit; Prereq: 5467 or DHA 5467 or instr consent)

67054 001 LEC, 15:00-17:45 T, McNeal Hall 250, In Person Term Based; Ann Ziebarth ; 3 cr.

Human Factors (HUMF)**5193 Directed Study in Human Factors and Ergonomics**

(A-F only; Prereq: instr consent)

46511 001 IND, In Person Term Based; William Durfee ; 1-4 cr.

5874 Service Design: Designing complex systems to improve service delivery

(A-F only; Prereq: Grad student or instr consent)

46471 001 LEC, 16:40-20:15 M, Akerman Hall 209, In Person Term Based; 4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser consent, DGS consent)

46433 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser consent, DGS consent)

46434 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr)

46435 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

46436 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

46437 001 IND, In Person Term Based; 1-24 cr.

Human Resources/Indus Rel (HRIR)**3021 Human Resource Management and Industrial Relations**

(A-F only; Prereq: ECON 1101, ECON 1102, PSY 1001)

53839 002 LEC, 14:30-15:45 TTh, Hanson Hall 1-108, In Person Term Based; Amy Falink ; 3 cr.
53853 020 LEC, 17:45-20:15 W, Hanson Hall 1-102, In Person Term Based; Larry Bourgerie ; 3 cr.
54055 001 LEC, 11:15-12:30 TTh, Hanson Hall 1-106, In Person Term Based; Amy Falink ; 3 cr.
54056 003 LEC, 16:00-17:15 TTh, Hanson Hall 1-108, In Person Term Based; Amy Falink ; 3 cr.
54106 004 LEC, 9:45-11:00 MW, Hanson Hall 1-108, In Person Term Based; Amy Falink ; 3 cr.**3021H Honors: Human Resource Management and Industrial Relations**

(A-F only; Prereq: ECON 1101, ECON 1102, PSY 1001)

54084 001 LEC, 14:30-15:45 TTh, Carlson School of Mgmt L-122, In Person Term Based; Connie Wanberg ; 3 cr.

3031 Staffing and Selection: Strategic and Operational Concerns

(Student Option;)

53789 001 LEC, 8:00- 9:40 TTh, Carlson School of Mgmt 2-233, In Person Term Based; Borbala Csillag ; 2 cr.

3032 Training and Development

(Student Option;)

53790 001 LEC, 8:00- 9:40 TTh, Carlson School of Mgmt 2-233, In Person Term Based; Borbala Csillag ; 2 cr.

3071 Union Organizing and Labor Relations

(Student Option;)

54020 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-143, In Person Term Based; Amy Livingston ; 2 cr.

3072 Collective Bargaining and Dispute Resolution

(Student Option;)

54021 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 2-233, In Person Term Based; John Remington ; 2 cr.

4100W HRIR Capstone: Personal and Organizational Leadership

(A-F only; Prereq: 3021, 6 HRIR credits, [CSOM or HRD junior or senior or dept consent]WI)

53959 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt 1-143, In Person Term Based; Connie Wanberg ; 4 cr.

5000 Topics in HRIR

(Student Option;)

54209 070 LEC, Completely Online; Sid Benraouane ; 2 cr.

5252 Employment and Labor Law for the HRIR Professional

(Student Option; Prereq: HRIR MA student must register A-F, 3021, [CSOM or HRD junior or senior or dept consent])

54181 060 LEC, 17:45-21:05 W, Carlson School of Mgmt 1-127, In Person Term Based; Carol O'Toole ; 2 cr.

5655 Public Policies on Work and Pay

(Student Option; Prereq: HRIR MA student must register A-F, ECON 1101, [CSOM or HRD junior or senior or dept consent])

54157 060 LEC, 18:00-20:45 T, Hanson Hall 1-109, In Person Term Based; Meets With: 001 PA 5431; Morris Kleiner ; 3 cr.

5662 Personnel Economics

(Student Option; Prereq: Prereq HRIR MA student must register A-F, ECON 1101, [CSOM or HRD junior or senior or dept consent])

65708 060 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-132, In Person Term Based; John Budd ; 2 cr.
65709 061 LEC, 13:45-17:05 Th, Carlson School of Mgmt 2-233, In Person Term Based; John Budd ; 2 cr.**5992 Independent Study in Human Resources and Industrial Relations**

(Student Option; Prereq: dept consent or instr consent)

53851 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

6001 Business Principles for the HRIR Professional

(A-F only; Prereq: HRIR MA student or dept consent)

65712 090 LEC, 17:45-21:05 Th, Hanson Hall 1-103, 17:45-21:05 M, Hanson Hall 1-105, In Person Term Based; Avner Ben-Ner ; 4 cr.

6114 Human Resource Information Systems

(A-F only; Prereq: HRIR MA student or dept consent)

53883 060 LEC, 17:45-21:05 Th, Carlson School of Mgmt 1-142, In Person Term Based; Stephen Lewis ; 2 cr.

6223 International Human Resource Management

(A-F only; Prereq: HRIR MA student or dept consent)

53869 060 LEC, 17:45-21:05 M, Carlson School of Mgmt 1-127, In Person Term Based; Tami France ; 2 cr.

6301 Staffing, Training, and Development

(A-F only; Prereq: HRIR MA student or dept consent)

65714 090 LEC, 17:45-21:05 W, Carlson School of Mgmt 1-132, In Person Term Based; Travis Tubre ; 4 cr.

6304 Employee Development: Creating a Competitive Advantage

(A-F only; Prereq: 6301 or dept consent)
54022 060 LEC, 17:45-21:05 W, Carlson School of Mgmt
2-224, In Person Term Based; Stacy Doepner-Hove ; 2 cr.

6401 Organizational Theory Foundations of High-Impact HRIR

(A-F only; Prereq: dept consent)
53860 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt
2-213, In Person Term Based; Avner Ben-Ner ; 2 cr.

6441 Organizational Behavior Foundations of High-Impact HRIR

(A-F only; Prereq: HRIR MA student or dept consent)
53861 001 LEC, 9:55-11:35 TH, Carlson School of Mgmt
2-213, In Person Term Based; Michelle Duffy ; 2 cr.

6444 Employee Motivation, Engagement, and Well-being

(A-F only; Prereq: 6441 or MBA 6110 or dept consent)
65715 060 LEC, 17:45-21:05 Th, Carlson School of Mgmt
1-127, In Person Term Based; Larry Bourgerie ; 2 cr.

6465 Leadership and Personal Development

(A-F only; Prereq: MBA or HRIR MA student or dept consent)
54071 050 LEC, 8:00-17:00 F, Carlson School of Mgmt
1-132, 8:00-17:00 F, Carlson School of Mgmt 1-132,
8:00-17:00 F, Carlson School of Mgmt 1-132, In Person
Term Based; Theresa Glomb ; 2 cr.
54072 051 LEC, 8:00-17:00 Sa, Carlson School of Mgmt
1-132, 8:00-17:00 Sa, Carlson School of Mgmt 1-132,
8:00-17:00 Sa, Carlson School of Mgmt 1-132, In Person
Term Based; Theresa Glomb ; 2 cr.

6484 Management of Groups

(A-F only; Prereq HRIR grad student.)
54127 070 LEC, 00:00-00:00 , ONLINE, Completely Online;
Sid Benraouane ; 2 cr.

6501 Compensation and Benefits

(A-F only; Prereq: HRIR MA student or dept consent)
53740 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt
2-213, In Person Term Based; Alan Benson ; 4 cr.

6504 Executive Compensation

(A-F only; Prereq: A-F only; prereq MBA or HRIR MA student)
54126 060 LEC, 17:45-21:05 T, Carlson School of Mgmt
1-127, In Person Term Based; Mike Davis ; 2 cr.

6701 Labor Relations and Collective Bargaining

(A-F only; Prereq: HRIR MA student or dept consent)
53868 001 LEC, 15:45-17:25 MW, Carlson School of Mgmt
2-213, In Person Term Based; Aaron Sojourner ; 4 cr.

6801 HRIR in Practice: Strategy, Execution, and Ethics

(A-F only; Prereq: [6001, 6111, 6301, 6401, 6441, 6501, 6701] or dept consent)
53880 070 LEC, 00:00-00:00 , ONLINE, Completely Online;
Sid Benraouane ; 2 cr.

6992 Independent Study in Applied Human Resources and Industrial Relations

(S-N only; Prereq: dept consent)
54083 001 IND, 00:00-00:00 , In Person Term Based; 1-8
cr.

8812 Core Seminar: Research Methods in Work and Organizations

(Student Option; Prereq: [Business Admin PhD student or dept consent], grad majors must enroll A-F)
67282 001 LEC, In Person Term Based; John Kammeyer-Mueller ; 4 cr.

8820 Seminar: Special Topics in Work and Organizations Research

(Student Option; Prereq: [Business Admin student or dept consent], grad majors must enroll A-F)
69092 001 LEC, In Person Term Based; Mary Zellmer-Bruhn ;
2 cr.
69093 002 LEC, In Person Term Based; Aaron Sojourner ; 2
cr.

8825 Research Practicum/Workshop

(S-N only;)

53985 001 LEC, 00:00-00:00 , , In Person Term Based; John
Kammeyer-Mueller ; 1 cr.

Human Sexuality (HSEX)**6012 Sexual Function and Dysfunction**

(A-F or Audit;)
68237 301 LEC, Completely Online; Brian Zamboni ; 3 cr.

6013 Sexual Health Education

(A-F or Audit;)
68238 301 LEC, Completely Online; Michael Ross ; 3 cr.

Industrial Engineering (IE)**3012 Optimization II**

(A-F only; Prereq: 3011, ISyE major)
68940 001 LEC, 10:10-12:05 TTh, Anderson Hall 370, In
Person Term Based; Qie He ; 4 cr.

3041 Industrial Assignment I

(A-F or Audit; Prereq: ISyE upper division, registration
in ME co-op program)
55605 001 FWK, 00:00-00:00 , , In Person Term Based; Jill
Rivard ; 2 cr.

3521 Statistics, Quality, and Reliability

(Student Option; Prereq: MATH 1372 or equiv)
55444 001 LEC, 11:15-13:10 MW, Mayo Bldg & Additions
C231, In Person Term Based; Guangwen Kong ; 4 cr.
57284 002 LEC, 13:25-15:20 TTh, Keller Hall 3-230, In
Person Term Based; Ankur Mani ; 4 cr.
57758 883 LEC, 13:25-15:20 TTh, ONLINE, Completely
Online; Ankur Mani ; 4 cr.

3522 Quality Engineering and Reliability

(A-F only; Prereq: 3521, MATH 2373, MATH 2374, ISyE
major)
57285 001 LEC, 14:30-16:25 MW, Mechanical Engineering
212, In Person Term Based; Meets With: 001 IE 5522; Lisa
Miller ; 4 cr.

4011 Stochastic Models

(A-F only; Prereq: 3521, MATH 2373, MATH 2374, ISyE
major)
57336 001 LEC, 9:05-11:00 MW, Mechanical Engineering
212, In Person Term Based; William Cooper ; 4 cr.

4041W Senior Design

(A-F only; Prereq: 1101, 2021, 3012, 3522, 3553, 4011,
4511, 4541W, 3521, 4551, ISyE seniorWI)
57337 001 LEC, 14:30-16:25 TTh, Bruininks Hall 412, In
Person Term Based; Lisa Miller ; 4 cr.

4043W Industrial Assignment II

(A-F or Audit; Prereq: 3041WI)
55606 001 FWK, 00:00-00:00 , , In Person Term Based; Jill
Rivard ; 4 cr.

4044 Industrial Assignment III

(A-F only; Prereq: IE 4043, registration in ME co-op
program)
69863 001 FWK, In Person Term Based; Katherine Sharpe,
Jill Rivard ; 2 cr.

4094 Directed Research

(A-F only;)
69911 001 IND, In Person Term Based; 1-4 cr.

4551 Production and Inventory Control

(A-F only; Prereq: 3011, 3521, ISyE major)
57287 001 LEC, 13:25-15:20 TTh, Mechanical Engineering
212, In Person Term Based; Sherwin Doroudi ; 4 cr.

4894H Senior Honors Thesis

(A-F only;)
69538 001 IND, In Person Term Based; 2 cr.

5080 Topics in Industrial Engineering

(Student Option;)
69088 001 LEC, 9:05-11:00 TTh, Bruininks Hall 123, In
Person Term Based; Meets With: 001 IE 8534; Ankur
Mani ; 1-4 cr.

5113 Systems Engineering II

(A-F or Audit;)
56690 001 LEC, 18:10-21:30 Th, Keller Hall 3-125, In Person
Term Based; Anton Beck ; 4 cr.
56919 883 LEC, 18:10-21:30 Th, ONLINE, Primarily Online;
Anton Beck ; 4 cr.

5513 Engineering Safety

(A-F or Audit; Prereq: Upper div CSE or grad student)
56432 001 LEC, 18:10-21:30 W, Bruininks Hall 131B, In
Person Term Based; Jonathan Chaplin ; 4 cr.

5522 Quality Engineering and Reliability

(Student Option; Prereq: [4521 or equiv], [upper div or
grad student or CNR])
55852 001 LEC, 14:30-16:25 MW, Mechanical Engineering
212, In Person Term Based; Meets With: 001 IE 3522; Lisa
Miller ; 4 cr.
56515 883 LEC, 14:30-16:25 MW, ONLINE, Completely
Online; 4 cr.

5541 Project Management

(A-F only; Prereq: Upper div or grad student)
55849 001 LEC, 18:10-21:30 T, Bruininks Hall 330, In Person
Term Based; Mimi Wong ; 4 cr.
68941 002 LEC, 10:10-12:05 MW, Civil Engineering Bldg
212, In Person Term Based; Phil Pejovich ; 4 cr.

5545 Decision Analysis

(Student Option; Prereq: 3521 or equiv)
55937 001 LEC, 9:05-11:05 MW, Bruininks Hall 117, In
Person Term Based; Darin England ; 4 cr.

5551 Production Planning and Inventory Control

(Student Option; Prereq: CNR or upper div or grad
student)
56967 001 LEC, 13:25-15:20 TTh, Vincent Hall 1, In Person
Term Based; Saif Benjaafar ; 4 cr.

5553 Simulation

(Student Option; Prereq: Upper div or grad student;
familiarity with probability/statistics recommended)
55938 001 LEC, 10:10-12:05 TTh, Keller Hall 3-115, In
Person Term Based; Kevin Leder ; 4 cr.
57451 883 LEC, 10:10-12:05 TTh, ONLINE, Primarily Online;
4 cr.

5561 Analytics and Data-Driven Decision Making

(Student Option; Prerequisites: IE 3521 or equivalent;
IE 3011 or IE 5531 or equivalent; proficiency with a
programming language such as R, Python, or C.)
68942 001 LEC, 9:05-11:00 TTh, Ford Hall 150, In Person
Term Based; Darin England ; 4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)
55645 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student,
adviser and DGS consent)
55661 001 IND, In Person Term Based; 1 cr.

8534 Advanced Topics in Operations Research

(Student Option; Prereq: 5531, 8532)
69106 002 LEC, 13:25-15:20 MW, Ford Hall 155, In Person
Term Based; Sherwin Doroudi ; 4 cr.
69107 001 LEC, 9:05-11:00 TTh, Bruininks Hall 123, In
Person Term Based; Meets With: 001 IE 5080; Ankur
Mani ; 4 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who
has not passed prelim oral; no required consent for
1st/2nd registrations, up to 12 combined cr; dept
consent for 3rd/4th registrations, up to 24 combined
cr; doctoral student admitted before summer 2007 may
register up to four times, up to 60 combined cr)
55679 001 IND, In Person Term Based; 1-6 cr.

8773 Graduate Seminar

(S-N or Audit;)
55458 001 LEC, 15:35-16:25 W, No Room Required,
15:35-16:25 W, Bruininks Hall 119, In Person Term Based;
Meets With: 001 IE 8774; Qie He, Diana Negoescu ; 1 cr.

8774 Graduate Seminar

(S-N or Audit; Prereq: 8773)
55459 001 LEC, 15:35-16:25 W, No Room Required,
15:35-16:25 W, Bruininks Hall 119, In Person Term Based;
Meets With: 001 IE 8773; Qie He, Diana Negoescu ; 1 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester
or summer; 10 cr total required (Plan A only))

55697 001 IND, In Person Term Based; 1-18 cr.

8794 Industrial Engineering Research

(Student Option; Prereq: instr consent)
55455 001 IND, 00:00-00:00 , , In Person Term Based; Sant
Arora, Saif Benjaafar ; 1-6 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or
summer; 24 cr required)
55717 001 IND, In Person Term Based; 1-24 cr.

Industry MBA (IMBA)

Information Networking (INET)

1001 Survey of Information Technology

(A-F or Audit;)
68836 301 LEC, Online & Distance Lrng (ODL); Scott Lee-
Eichenwald ; 1 cr.

3101 C Programming: Language and Applications

(A-F or Audit; Prereq: Programming experience or
completed coursework in [Java or C+ or similar
programming language])
69012 001 LEC, 18:00-21:35 Th, Bruininks Hall 432A, In
Person Term Based; Mark Langanki ; 2 cr.

4002 Foundations of Networking

(A-F or Audit; Prereq: CSci 4061 or INet 4100 or
consent of instructor. Recommended: basic knowledge
of computer architecture and operating systems)
69994 001 LEC, 18:00-20:45 W, Peik Hall 225, In Person
Term Based; John Raabe ; 3 cr.
69994 001 LEC, 18:00-20:45 W, Peik Hall 225, In Person
Term Based; John Raabe ; 3 cr.
69994 001 LEC, 18:00-20:45 W, Peik Hall 225, In Person
Term Based; John Raabe ; 3 cr.

4021 Dev Ops I: Network Programming

(A-F or Audit; Prereq: major admission requirements
completed.)
60891 001 LEC, 18:00-22:00 M, Bruininks Hall 412, In
Person Term Based; Mark Langanki ; 4 cr.

4031 Introduction to Systems

(A-F or Audit; Prereq: CSCI 4061 or consent of
instructor.)
60892 001 LEC, 18:00-21:35 Th, Appleby Hall 3, In Person
Term Based; Joseph Axberg ; 4 cr.

4051 IT Infrastructure Operations

(A-F or Audit; Prereq: senior; CSCI 421l or instr
consent)
61094 301 LEC, 00:00-00:00 , ONLINE, Completely Online;
Mark Langanki ; 3 cr.

4061 Data Science I: Fundamentals

(A-F or Audit; Prereq: [4707 or CSCI 4707 or instr
consent], laptop)
61062 001 LEC, 18:00-21:45 M, Appleby Hall 204, In Person
Term Based; 3 cr.

4083 Systems II: Analysis and Design

(A-F or Audit; Prereq: INet 4082 or equivalent project
management experience)
60991 101 LEC, 18:00-20:45 T, Akerman Hall 313, Partially
Online; Deborah DeWanz ; 3 cr.

4153 Introduction to Security: Policy and Regulation

(A-F or Audit; Prereq: experience with Windows/
Internet; 45 semester credits)
69013 001 LEC, 18:00-21:35 Th, Bruininks Hall 330, In
Person Term Based; John Raabe ; 4 cr.

4165 Security I: Principles

(A-F or Audit; Prereq: CSCI 4061 or equiv experience
with operating systems)
60987 001 LEC, 18:00-20:45 T, Akerman Hall 317, In Person
Term Based; Nathan Tymeson ; 3 cr.

4193 Directed Study

(A-F or Audit; Prereq: ITI student, dept consent)
60880 401 IND, 00:00-00:00 , , Independent/Directed Study;
Lana Yarosh ; 1-4 cr.
70074 402 IND, Independent/Directed Study; John Raabe ;
1-4 cr.

4596 Internship

(A-F only; Prereq: [ITI major or certificate student], [jr
or sr], dept consent)
60988 401 FWK, 00:00-00:00 , , Independent/Directed Study;
1-3 cr.
61049 402 FWK, 00:00-00:00 , , Independent/Directed Study;
1-3 cr.

4707 Introduction to Databases

(A-F or Audit; Prereq: CSci 4061, at least 45 cr
completed; CSci majors contact CSci Dept before
registering.)
68837 001 LEC, 18:00-21:35 M, Keller Hall 3-125, In Person
Term Based; Rich Howey ; 4 cr.

4710 Data Science II: Big Data Analytics

(A-F or Audit; Prerequisites: Basic programming
knowledge (Java, Python, R). Linear algebra strongly
recommended, especially matrix operations (e.g.,
MATH 2243, Linear Algebra and Differential Equations))
61178 001 LEC, 18:00-21:35 T, Appleby Hall 11, In Person
Term Based; Katherine Splett ; 4 cr.

4711 Data Management II: Distributed Systems

(A-F or Audit; Prereq: INET 4031 and 4707 or consent
of instructor.)
68840 001 LEC, 18:00-21:35 W, Bruininks Hall 512B, In
Person Term Based; Nathan Tymeson ; 4 cr.

Information and Decision Sci (IDSC)

3001 Introduction to Information Technology in Business

(A-F or Audit;)
54034 001 LEC, 11:15-12:30 TTh, Hanson Hall 1-104, In
Person Term Based; Timothy Olson ; 3 cr.
54035 002 LEC, 13:00-14:15 MW, Hanson Hall 1-106, In
Person Term Based; Timothy Olson ; 3 cr.
54036 003 LEC, 16:00-17:15 MW, Hanson Hall 1-102, In
Person Term Based; Timothy Olson ; 3 cr.
54037 020 LEC, 17:45-20:15 T, Hanson Hall 1-102, In
Person Term Based; Timothy Olson ; 3 cr.
65720 004 LEC, 8:15- 9:30 TTh, Hanson Hall 1-108, In
Person Term Based; Kevin Kuhn ; 3 cr.

3101 Introduction to Programming

(A-F or Audit;)
53937 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt
L-117, In Person Term Based; Kathryn Jensen ; 2 cr.
54038 002 LEC, 15:45-17:25 MW, Carlson School of Mgmt
L-117, In Person Term Based; Kathryn Jensen ; 2 cr.
67378 003 LEC, 11:50-13:30 TTh, Carlson School of Mgmt
L-117, In Person Term Based; Vedran Lelas ; 2 cr.

3102 Intermediate Programming

(A-F or Audit;)
53938 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt
L-117, In Person Term Based; Vedran Lelas ; 2 cr.
54039 002 LEC, 15:45-17:25 MW, Carlson School of Mgmt
L-117, In Person Term Based; Vedran Lelas ; 2 cr.
67379 003 LEC, 11:50-13:30 TTh, Carlson School of Mgmt
L-117, In Person Term Based; Vedran Lelas ; 2 cr.

3103 Data Modeling and Databases

(A-F only;)
53939 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt
L-117, In Person Term Based; Vedran Lelas ; 2 cr.
54040 002 LEC, 13:45-15:25 TTh, Carlson School of Mgmt
L-117, In Person Term Based; Vedran Lelas ; 2 cr.

3104 Enterprise Systems

(A-F or Audit; Prereq: 3001)
53940 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt
1-143, In Person Term Based; Ken Reilly ; 2 cr.
54161 002 LEC, 15:45-17:25 TTh, Carlson School of Mgmt
1-143, In Person Term Based; Ken Reilly ; 2 cr.

3202 Analysis and Modeling of Business Systems

(A-F or Audit; Prereq: 3001)
53886 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt
2-215, In Person Term Based; Ryan Sougstad ; 4 cr.
54041 002 LEC, 8:00- 9:40 MW, Carlson School of Mgmt
2-215, In Person Term Based; Ryan Sougstad ; 4 cr.

4204W Strategic Information Technology Management

(A-F or Audit; WI)

53986 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt
1-142, In Person Term Based; Ryan Sougstad ; 4 cr.
70090 002 LEC, 15:45-17:25 MW, Carlson School of Mgmt
2-219, In Person Term Based; Ryan Sougstad ; 4 cr.

4301 MIS in Action: A Capstone Course

(A-F only;)
53936 001 LEC, 8:00- 9:40 TTh, Carlson School of Mgmt
1-135, In Person Term Based; Timothy Olson ; 2 cr.
54073 002 LEC, 8:00- 9:40 MW, Carlson School of Mgmt
1-132, In Person Term Based; Michael McFarlane ; 2 cr.
67380 003 LEC, 9:55-11:35 TTh, Carlson School of Mgmt
1-114, In Person Term Based; Kevin Kuhn ; 2 cr.

4310 Prescriptive Analytics

(A-F only; Prereq: IDSc 4110 & 4210 recommended.)
65724 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt
L-117, In Person Term Based; Vedran Lelas ; 2 cr.

4401 Information Security

(A-F only; Prereq: 3001)
53886 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt
L-114, In Person Term Based; Matt Schmidt ; 2 cr.
67381 020 LEC, 17:45-21:05 W, Carlson School of Mgmt
2-215, In Person Term Based; Matt Schmidt ; 2 cr.

4444 Descriptive and Predictive Analytics

(A-F only; Prereq: 3001)
54042 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt
1-135, In Person Term Based; Yash Babar ; 2 cr.
67382 002 LEC, 15:45-17:25 MW, Carlson School of Mgmt
1-142, In Person Term Based; Yaqiong Wang ; 2 cr.

4490 Information Systems Special Topics

(A-F or Audit;)
68267 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt
L-117, In Person Term Based; Ken Reilly ; 2 cr.
69087 003 LEC, 8:00- 9:40 TTh, Carlson School of Mgmt
2-224, In Person Term Based; Peter Reinhardt ; 2 cr.

4491 Independent Study in Information Systems

(A-F only; Prereq: instr consent)
54089 001 IND, 00:00-00:00 , , In Person Term Based; Ken
Reilly ; 1-4 cr.

6003 Accounting and Information Systems

(A-F only; Prereq: IDSC 3001 or equivalent)
54215 001 LEC, 17:45-21:05 M, Hanson Hall 1-104, In
Person Term Based; Matt Schmidt ; 4 cr.

6040 Information Technology Management

(A-F only; Prereq MBA student.)
54225 090 LEC, 17:45-21:05 M, Carlson School of Mgmt
1-123, In Person Term Based; Mani Subramani ; 2 cr.

6050 Information Technologies and Solutions

(A-F only;)
67298 070 LEC, Completely Online; Soumya Sen ; 2 cr.

6423 Enterprise Systems

(A-F only;)
53848 060 LEC, 17:45-21:05 T, Carlson School of Mgmt
1-132, In Person Term Based; Subba Chavali ; 2 cr.

6444 Business Analytics for Managers I

(A-F only; Prereq: [6040 or 6050 or MBA 6240], MBA
student)
53965 060 LEC, 17:45-21:05 M, Carlson School of Mgmt
1-132, In Person Term Based; Ryan Sougstad ; 2 cr.
67330 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt
1-143, In Person Term Based; Ryan Sougstad ; 2 cr.

6446 Business Analytics for Managers II

(A-F only;)
54066 060 LEC, 17:45-21:05 M, Carlson School of Mgmt
2-213, In Person Term Based; Gediminas Adomavicius ; 2
cr.

6465 Global Sourcing of IT and IT Enabled Services

(A-F only; Prereq: [6040 or 6050 or MBA 6240], MBA
student)
53966 060 LEC, 17:45-21:05 T, Carlson School of Mgmt
2-224, In Person Term Based; Mani Subramani ; 4 cr.

8620 Data Mining and Personalization

(A-F only;)
68500 001 DIS, 15:30-18:00 Th, Room TBA, In Person Term
Based; Gediminas Adomavicius ; 3 cr.

8721 Behavioral Decision Theory

(Student Option; Prereq: Business admin PhD student or instr consent; offered alt yrs)

67612 001 LEC, 10:00-12:30 T, Room TBA, In Person Term Based; Shawn Curley ; 3 cr.

8892 Readings in Information and Decision Sciences

(S-N only; Prereq: Business admin PhD student or instr consent)

53739 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

Insurance and Risk Management (INS)

4100 Corporate Risk Management

(Student Option;)

53794 020 LEC, 17:45-21:05 W, Carlson School of Mgmt 2-213, In Person Term Based; Andrew Whitman ; 2 cr.

4101 Employee Benefits

(Student Option;)

54108 020 LEC, 17:45-21:05 T, Carlson School of Mgmt 2-215, In Person Term Based; Andrew Whitman ; 2 cr.

4200 Insurance Theory and Practice

(Student Option;)

53865 020 LEC, 17:45-21:05 Th, Carlson School of Mgmt 2-215, In Person Term Based; Andrew Whitman ; 2 cr.

Integrated Behavioral Health (IBH)

6011 Foundations in Differential Diagnosis

(A-F only;)

61103 001 LEC, 17:00-20:00 M, Ruttan Hall B42, In Person Term Based; ThanhVan Vu ; 3 cr.

6021 Methods and Models III: Synthesis Seminar in Client Centered Care

(A-F only;)

68925 001 LEC, 17:30-21:30 W, No Room Required, 17:30-21:30 W, No Room Required, 17:30-21:30 W, No Room Required, 17:30-21:30 W, No Room Required, 17:30-21:30 W, No Room Required, 17:30-21:30 W, No Room Required, In Person Term Based; Ian McLoone ; 2 cr.

6022 Foundations of Psychological Assessment

(A-F only;)

61162 101 LEC, 16:30-19:00 Th, Ruttan Hall 143, Partially Online; Jennifer Weigelt ; 2 cr.

6051 Advanced Group Practice

(A-F only;)

61165 001 LEC, 16:00-18:00 T, No Room Required, In Person Term Based; Ann Becher-Ingwalson, Elizabeth Goodchild ; 2 cr.

6061 Applied Advanced Diagnostics I

(A-F only; Prereq: IBH student, ADDS 5091 and IBH 6011)

61127 001 LEC, 17:30-19:15 Th, Ruttan Hall B30, In Person Term Based; Cindy Morey ; 2 cr.

6071 Advanced Professional Issues

(A-F only;)

61104 001 LEC, 16:00-19:40 M, Magrath Library 4, In Person Term Based; Laura Boisen ; 3 cr.

6081 Human Lifespan Development and Behavioral Health

(A-F only;)

61101 101 LEC, 9:30-12:30 Th, Ruttan Hall B30, Partially Online; Amie DeHarpporte ; 3 cr.

6091 Intersection of Career and Mental Health

(A-F only;)

61105 001 LEC, 17:30-19:30 T, Magrath Library 4, 17:30-19:30 T, Magrath Library 4, 17:30-19:30 T, Magrath Library 4, 17:30-19:30 T, Magrath Library 4, 17:30-19:30 T, Magrath Library 4, 17:30-19:30 T, Magrath Library 4, 17:30-19:30 T, Magrath Library 4, In Person Term Based; Fiyyaz Karim ; 2 cr.

6101 Family Dynamics and Therapy

(A-F only;)

61157 101 LEC, 9:00-12:00 M, Ruttan Hall B26, Partially Online; ThanhVan Vu ; 3 cr.

6111 Research and Evaluation Methods

(A-F only;)

61158 101 LEC, 12:30-16:00 T, Magrath Library 4, 12:30-16:00 T, Magrath Library 4, 12:30-16:00 T, Magrath Library 4, 12:30-16:00 T, Magrath Library 4, 12:30-16:00 T, Magrath Library 4, 12:30-16:00 T, Magrath Library 4, Partially Online; Jennifer Weigelt ; 3 cr.

6121 Professional Seminar 2

(S-N only; Prereq: Must have completed minimum of 40 credits in IBH program)

61160 001 LEC, 17:30-19:30 T, Magrath Library 4, 17:30-19:30 T, Magrath Library 4, 17:30-19:30 T, Magrath Library 4, 17:30-19:30 T, Magrath Library 4, 17:30-19:30 T, Magrath Library 4, In Person Term Based; Fiyyaz Karim ; 1 cr.

6234 Counseling Grief and Loss

(A-F only;)

68920 001 LEC, 12:00-16:00 T, Peters Hall 145, 12:00-16:00 T, Peters Hall 145, 12:00-16:00 T, Peters Hall 145, 12:00-16:00 T, Peters Hall 145, In Person Term Based; Fiyyaz Karim ; 2 cr.

6910 Topics in Integrated Behavioral Health

(A-F only;)

69463 001 DIS, 15:00-17:00 W, Magrath Library 4, In Person Term Based; ThanhVan Vu ; 1-4 cr.

69669 002 DIS, Study Abroad; Ann Becher-Ingwalson ; 1-4 cr.

6993 Directed Study in Integrated Behavioral Health

(A-F only; Prereq: Must be admitted IBH student, dept consent)

61145 002 IND, In Person Term Based; 1-3 cr.

6996 Internship for Integrated Behavioral Health

(S-N only; Prereq: dept consent)

61102 301 FWK, 8:00- 9:30 M, ONLINE, Completely Online; Ann Becher-Ingwalson ; 1-4 cr.

61136 302 FWK, 10:00-11:30 M, ONLINE, Completely Online; Ann Becher-Ingwalson ; 1-4 cr.

8002 Portfolio Seminar

(S-N only; Prereq: 6121)

61161 301 IND, Completely Online; ThanhVan Vu ; 1 cr.

Inter-College Program (ICP)

3093 Directed Study

(A-F only; Prereq: instr consent)

60905 401 IND, 00:00-00:00 , , Independent/Directed Study; 1-15 cr.

3201 Career and Internship Preparation

(A-F only; Prereq: Soph or jr or sr or grad student)

61052 001 LEC, 11:45-12:35 T, McNeal Hall 144, In Person Term Based; Meets With: 001 CFAN 3201; Alyssa Maples ; 1 cr.

61053 002 LEC, 16:05-16:55 W, McNeal Hall 10, In Person Term Based; Meets With: 002 CFAN 3201; Maggie Kubak ; 1 cr.

Interdepartmental Study (ID)

2201 Career Readiness for CLA Students

(Student Option No Audit;)

67479 001 DIS, 16:00-17:15 MW, Appleby Hall 303, In Person Term Based; ; 1 cr.
67482 004 DIS, 16:00-17:15 Th, Appleby Hall 3, In Person Term Based; Laura Heilman ; 1 cr.
67484 006 DIS, 11:15-12:30 F, Appleby Hall 103, In Person Term Based; Marlena Yang ; 1 cr.
67485 007 DIS, 14:30-15:45 T, Appleby Hall 3, In Person Term Based; Joyce Halverson ; 1 cr.
68187 008 DIS, 13:00-14:15 TTh, Ford Hall 110, In Person Term Based; Katy Hinz ; 1 cr.

3101 Major and Career Exploration for Transfer Students

(Student Option;)

49432 004 LEC, 10:10-12:05 Th, Bruininks Hall 131A, In Person Term Based; Erica Tealey ; 2 cr.

51253 003 LEC, 14:30-16:25 M, Bruininks Hall 117, In Person Term Based; Abby Trout ; 2 cr.

51621 002 LEC, 12:20-14:15 Th, Bruininks Hall 123, In Person Term Based; Stephanie Untiedt ; 2 cr.

3201 Career Planning

(Student Option;)

49821 003 DIS, 10:10-12:05 T, Vincent Hall 113, In Person Term Based; Chelsea Ochoa ; 2 cr.
51438 002 DIS, 10:10-12:05 W, Bruininks Hall 123, In Person Term Based; Stephanie Untiedt ; 2 cr.
51439 005 DIS, 12:20-14:15 W, Bruininks Hall 144, In Person Term Based; Stephanie Untiedt ; 2 cr.
52508 001 DIS, 9:05-11:00 Th, Tate Hall B65, In Person Term Based; Maggie Heier ; 2 cr.
52509 004 DIS, 14:30-16:25 T, Bruininks Hall 123, In Person Term Based; Abby Trout ; 2 cr.

3205 Law School Exploration

(Student Option;)

51365 001 LEC, 10:10-12:05 W, Bruininks Hall 131B, In Person Term Based; Erin Reichelt ; 2 cr.

3208 Internship Reflection: Making Meaning of Your Experience

(Student Option; Prereq: dept consent)

50902 001 DIS, 00:00-00:00 , ONLINE, Completely Online; Abby Trout ; 1 cr.

3993 Directed Study

(Student Option; Prereq: instr consent, dept consent, college consent.)

48969 001 IND, 00:00-00:00 , , In Person Term Based; Paul Timmins, Joyce Halverson ; 1-4 cr.
50456 002 IND, 00:00-00:00 , , In Person Term Based; Laurel Hirt ; 1-4 cr.

Interdisciplinary Archaeologic (INAR)

8200 Directed Readings

(Student Option; Prereq: InAr grad major or instr consent)

49383 001 IND, In Person Term Based; 1-7 cr.

8300 Directed Research

(Student Option; Prereq: InAr grad major or instr consent)

49384 001 IND, In Person Term Based; 1-7 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

49546 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

49570 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

49595 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required (Plan A only))

49614 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

49647 001 IND, In Person Term Based; 1-24 cr.

Interdisciplinary Medicine (INMD)

6310 Topics in Medical Anthropology I: the Normal and the Pathological

(P-N only;)

58537 001 LEC, In Person Term Based; 1-6 cr.

6555 The Healer's Art: Awakening the Heart of Medicine

(P-N only; Prereq: Registered medical student)

58574 001 DIS, In Person Term Based; Nimi Singh ; 1 cr.

6804 Essentials of Clinical Medicine Part 2**(P-N only;)**

58607 001 LEC, 8:00-12:05 W, Phillips-Wangenstn Bldg 2-470, 12:45-13:25 TTh, Phillips-Wangenstn Bldg 2-470, 13:25-17:30 TTh, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 F, Phillips-Wangenstn Bldg 2-470, 8:00-12:05 W, Phillips-Wangenstn Bldg 2-470, 13:25-17:30 TTh, Phillips-Wangenstn Bldg 2-470, 8:00-12:05 W, Phillips-Wangenstn Bldg 2-470, 8:00-12:05 W, Phillips-Wangenstn Bldg 2-470, 13:25-17:30 TTh, Phillips-Wangenstn Bldg 2-470, 10:10-12:05 W, Phillips-Wangenstn Bldg 2-470, In Person Term Based; David Satin ; 3 cr.

6807 Essentials of Clinical Medicine Part 3C**(P-N only;)**

58611 001 FWK, 8:00- 9:55 W, Moos Health Sci Tower 2-650, 8:00-12:05 W, Moos Health Sci Tower 2-650, 8:00-9:55 W, Moos Health Sci Tower 2-650, 8:00-12:05 W, Moos Health Sci Tower 2-650, 10:10-12:05 W, Moos Health Sci Tower 2-650, 8:00-12:05 W, Moos Health Sci Tower 2-650, 8:00-12:05 W, Moos Health Sci Tower 2-650, In Person Term Based; David Satin ; 5 cr.

6809 Human Health & Disease - Rheum, Derm & Opth, Ortho & Otol**(P-N only;)**

58677 001 LEC, In Person Term Based; 4 cr.

6810 Human Health & Disease - Renal & Endo/Repro**(P-N only;)**

58612 001 LEC, 8:00-12:05 M, Moos Health Sci Tower 2-650, 8:00-12:05 T, Moos Health Sci Tower 2-650, 10:10-13:10 Th, Moos Health Sci Tower 2-650, 12:20-13:10 F, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 Th, Moos Health Sci Tower 2-650, 12:20-13:10 Th, Moos Health Sci Tower 2-650, 12:20-13:10 F, Moos Health Sci Tower 2-650, 12:20-13:10 T, Moos Health Sci Tower 2-650, 12:05-13:25 W, Moos Health Sci Tower 2-650, 8:00-9:55 T, Moos Health Sci Tower 2-650, 8:00-12:05 M, Moos Health Sci Tower 2-530, 12:05-13:25 T, Moos Health Sci Tower 2-650, 12:20-13:10 F, Moos Health Sci Tower 2-650, 8:00-12:05 T, Moos Health Sci Tower 2-650, 12:20-13:10 F, Moos Health Sci Tower 2-650, 11:15-12:05 F, Moos Health Sci Tower 2-650, 7:00-13:25 WTh, Moos Health Sci Tower 2-650, 11:15-12:05 Th, Moos Health Sci Tower 2-650, 11:15-12:05 Th, Moos Health Sci Tower 2-650, In Person Term Based; 5 cr.

6812 Micro Biology and Immunology**(P-N only;)**

58608 001 LEC, 8:00- 8:50 T, Phillips-Wangenstn Bldg 2-470, 8:00- 8:50 ThF, Phillips-Wangenstn Bldg 2-470, 9:05- 9:55 TThF, Phillips-Wangenstn Bldg 2-470, 9:05-9:55 MF, Phillips-Wangenstn Bldg 2-470, 8:00- 8:50 M, Phillips-Wangenstn Bldg 2-470, 9:05- 9:55 ThF, Phillips-Wangenstn Bldg 2-470, 9:05- 9:55 T, Phillips-Wangenstn Bldg 2-470, 7:30- 9:55 M, Phillips-Wangenstn Bldg 2-470, 8:00- 8:50 Th, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 F, Phillips-Wangenstn Bldg 2-470, 8:00- 9:55 F, Phillips-Wangenstn Bldg 2-470, 10:10-12:05 M, Phillips-Wangenstn Bldg 2-470, 7:30- 9:55 M, Phillips-Wangenstn Bldg 2-470, 9:05- 9:55 Th, Phillips-Wangenstn Bldg 2-470, 9:05- 9:55 M, Phillips-Wangenstn Bldg 2-470, 8:00- 8:50 Th, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 Th, Phillips-Wangenstn Bldg 2-470, 8:30-12:05 W, Phillips-Wangenstn Bldg 2-470, 8:00- 9:55 MThF, Phillips-Wangenstn Bldg 2-470, 8:00- 9:55 Th, Phillips-Wangenstn Bldg 2-470, 8:00- 9:55 MTF, Phillips-Wangenstn Bldg 2-470, 7:30- 9:55 M, Phillips-Wangenstn Bldg 2-470, 8:00- 8:50 F, Phillips-Wangenstn Bldg 2-470, 9:05- 9:55 F, Phillips-Wangenstn Bldg 2-470, 8:00- 9:55 M, Phillips-Wangenstn Bldg 2-470, 7:30-12:05 M, Phillips-Wangenstn Bldg 2-470, In Person Term Based; Peter Southern ; 5 cr.

6813 Neuroscience**(P-N only;)**

58609 001 LEC, 11:15-12:05 TThF, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 MTh, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 TTh, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 MThF, Phillips-Wangenstn Bldg 2-470, 13:25-14:15 W, Phillips-Wangenstn Bldg 2-470, 8:00-11:00 M, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 ThF, Phillips-Wangenstn Bldg 2-470, 13:25-14:15 W, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 Th, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 M, Phillips-Wangenstn Bldg 2-470, 8:30-13:10 F, Phillips-Wangenstn Bldg 2-470, 8:00-12:05 F, Moos

Health Sci Tower 2-650, 10:10-11:00 Th, Phillips-Wangenstn Bldg 2-470, 13:25-14:15 W, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 MThF, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 Th, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 Th, Phillips-Wangenstn Bldg 2-470, 13:25-15:20 W, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 F, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 M, Phillips-Wangenstn Bldg 2-470, 13:25-14:15 W, Phillips-Wangenstn Bldg 2-470, 13:25-17:30 M, Phillips-Wangenstn Bldg 2-470, 8:00-11:00 M, Phillips-Wangenstn Bldg 2-470, 13:25-17:30 MW, Phillips-Wangenstn Bldg 2-470, 13:25-15:20 M, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 MF, Phillips-Wangenstn Bldg 2-470, 13:25-14:15 W, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 M, Phillips-Wangenstn Bldg 2-470, 13:25-16:25 M, Phillips-Wangenstn Bldg 2-470, 7:30-12:05 W, Phillips-Wangenstn Bldg 2-470, 7:30-12:05 W, Moos Health Sci Tower 2-650, In Person Term Based; Matthew Chafee ; 3 cr.

58656 002 LAB, 00:00-00:00 , In Person Term Based; Glenn Giesler ; 3 cr.

6814 Physiology**(P-N only;)**

58610 001 LEC, 10:10-11:00 F, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 TTh, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 M, Phillips-Wangenstn Bldg 2-470, 9:05-9:55 TTh, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 MThF, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 T, Phillips-Wangenstn Bldg 2-470, 14:30-16:25 W, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 M, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 Th, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 F, Phillips-Wangenstn Bldg 2-470, 7:45- 9:05 M, Phillips-Wangenstn Bldg 2-470, 9:05- 9:55 MTh, Phillips-Wangenstn Bldg 2-470, 14:30-16:25 W, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 M, Phillips-Wangenstn Bldg 2-470, 13:25-14:15 W, Phillips-Wangenstn Bldg 2-470, 8:30-12:05 M, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 MF, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 T, Phillips-Wangenstn Bldg 2-470, 14:30-16:25 W, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 M, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 MTF, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 T, Phillips-Wangenstn Bldg 2-470, 15:35-17:30 W, Phillips-Wangenstn Bldg 2-470, 8:00- 9:55 F, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 MTh, Phillips-Wangenstn Bldg 2-470, 14:30-16:25 W, Phillips-Wangenstn Bldg 2-470, 9:05-9:55 F, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 M, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 Th, Phillips-Wangenstn Bldg 2-470, 8:45-11:00 M, Phillips-Wangenstn Bldg 2-470, 14:30-17:30 W, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 F, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 Th, Phillips-Wangenstn Bldg 2-470, 14:30-16:25 W, Phillips-Wangenstn Bldg 2-470, 10:10-11:00 M, Phillips-Wangenstn Bldg 2-470, 7:30-12:05 F, Phillips-Wangenstn Bldg 2-470, In Person Term Based; Stephen Katz ; 3 cr.

6823 Human Health & Disease - Neurology, Psychiatry, Otolaryngology, Ophthalmology**(P-N only;)**

68288 001 LEC, 8:00-12:05 MF, Moos Health Sci Tower 2-650, 13:25-17:30 TTh, Moos Health Sci Tower 2-650, 8:00-12:05 T, Moos Health Sci Tower 2-650, 8:00- 9:55 T, Moos Health Sci Tower 2-650, 8:00-12:05 Th, Moos Health Sci Tower 2-650, 7:00-13:10 WTh, Moos Health Sci Tower 2-650, In Person Term Based; Kaz Nelson ; 4 cr.

7000 Interdisciplinary Research**(H-N only;)**

58415 099 IND, 00:00-00:00 , In Person Term Based; 2-12 cr.

7002 Interdisciplinary Research-3**(H-N only; Prereq: 3rd or 4th year medical student)**

58570 001 IND, Independent/Directed Study; 2-6 cr.

7102 Becoming a Doctor II**(P-N only;)**

68729 001 DIS, 8:00-17:00 TWThF, AHC ROOM TBA, In Person Term Based; Andrew Olson ; 1 cr.
70589 002 DIS, In Person Term Based; ; 1 cr.

7214 MetroPAP: OB/Gyn**(H-N only;)**

58694 021 ROT, In Person Term Based; 4 cr.

7220 MetroPAP Primary Care Introduction Clerkship**(P-N only;)**

68395 001 ROT, In Person Term Based; 5 cr.

7221 MetroPAP Primary Care Intermediate Clerkship**(P-N only;)**

68396 003 ROT, In Person Term Based; 5 cr.

7223 RPAP Primary Care Introduction Clerkship**(P-N only;)**

68397 001 ROT, In Person Term Based; 5 cr.

7224 RPAP Primary Care Intermediate Clerkship**(P-N only;)**

68398 003 ROT, In Person Term Based; 5 cr.

7310 VAMC LIC - Medicine I (VALUE)**(H-N only;)**

58715 024 ROT, In Person Term Based; 8 cr.

7314 VAMC LIC - Primary Care Selective - Internal Medicine (VALUE)**(H-N only;)**

58716 002 ROT, In Person Term Based; 4 cr.

7317 VAMC LIC - QI/ Interprofessional Patient Care (VALUE)**(H-N only;)**

68399 001 ROT, In Person Term Based; 4-5 cr.

7319 VAMC LIC Radiology**(H-N only;)**

68730 031 ROT, In Person Term Based; 2 cr.

7320 VAMC LIC Plus - Elective (VALUE)**(H-N only;)**

68400 032 ROT, In Person Term Based; 2 cr.

7355 HMC LIC Obstetrics & Gynecology**(H-N only;)**

68731 001 ROT, In Person Term Based; 4 cr.

7356 HMC LIC Pediatrics**(H-N only;)**

68732 002 ROT, In Person Term Based; 4 cr.

7357 HMC LIC Health Disparities/Social Determinants**(H-N only;)**

68733 003 ROT, In Person Term Based; 4 cr.

7358 HMC LIC Emergency Medicine**(H-N only;)**

68734 004 ROT, In Person Term Based; 4 cr.

7413 Education in Pediatrics Across the Continuum LIC ? Neurology**(P-N only;)**

59425 017 ROT, In Person Term Based; 4 cr.

7414 Education in Pediatrics Across the Continuum LIC ? Primary Care Selective**(P-N only;)**

58724 003 ROT, In Person Term Based; 4 cr.

7415 Education in Pediatrics Across the Continuum LIC ? Family Medicine**(P-N only;)**

58726 002 ROT, In Person Term Based; 4 cr.

7418 Education in Pediatrics Across the Continuum LIC ? Emergency Medicine**(P-N only;)**

58725 001 ROT, In Person Term Based; 4 cr.

7422 Education in Pediatrics Across the Continuum - Independent Study**(P-N only;)**

59426 014 IND, In Person Term Based; 2-8 cr.
68735 003 IND, In Person Term Based; 2-8 cr.

7423 Education in Pediatrics Across the Continuum - Medical Education Independent Study**(P-N only;)**

59177 004 IND, In Person Term Based; 12 cr.

7450 Hospice & Palliative Care

(H-N only;)

59427 001 ROT, In Person Term Based; 4 cr.
59428 002 ROT, In Person Term Based; 4 cr.
59429 003 ROT, In Person Term Based; 4 cr.
68736 004 ROT, In Person Term Based; 4 cr.

7523 Occupational and Environmental Medicine Elective**(H-N only;)**

59171 001 ROT, In Person Term Based; 4 cr.
59172 002 ROT, In Person Term Based; 4 cr.
59173 003 ROT, In Person Term Based; 4 cr.
59174 004 ROT, In Person Term Based; 4 cr.

7540 Ambulatory Clinic for the Physician-Scientist**(H-N or Audit; Prereq: Med student)**

58503 001 ROT, 00:00-00:00 , , In Person Term Based; 1-6 cr.

7548 Clinical Foundations for the Physician Scientist**(H-N only;)**

70212 001 ROT, In Person Term Based; 4 cr.

7552 Traditional Indian Medicine Clerkship**(H-N or Audit; Prereq: Med student, dept consent)**

58429 001 ROT, 00:00-00:00 , , In Person Term Based; 2-6 cr.

7553 Elective Away at Centers for Disease Control (CDC)**(H-N or Audit; Prereq: Med student, dept consent)**

58533 001 ROT, In Person Term Based; 2-8 cr.

7555 Elective Away for Credit**(H-N only;)**

58372 099 ROT, 00:00-00:00 , , In Person Term Based; 2-8 cr.

7565 Global Health Abroad**(P-N only;)**

58432 085 ROT, In Person Term Based; 4-8 cr.
59510 086 ROT, In Person Term Based; 4-8 cr.
59511 001 ROT, In Person Term Based; 4-8 cr.
59512 002 ROT, In Person Term Based; 4-8 cr.
59513 003 ROT, In Person Term Based; 4-8 cr.
59514 004 ROT, In Person Term Based; 4-8 cr.

7579 Rural Hawaii Public Health Elective**(H-N only;)**

58494 001 FWK, In Person Term Based; 2-6 cr.

7580 Integrative Healing in Hawaii**(H-N only;)**

58605 022 ROT, In Person Term Based; 2 cr.

7900 Flexible MD Independent Study**(P-N only; Prereq: Registered medical student accepted into FlexMD Program)**

68737 085 IND, In Person Term Based; 3-6 cr.

7901 Flexible MD Independent Study**(P-N only; Prereq: Registered medical student accepted into FlexMD Program)**

59525 022 IND, In Person Term Based; 3-6 cr.

7902 Flexible MD Independent Study**(P-N only; Prereq: Registered medical student accepted into FlexMD Program)**

59526 023 IND, In Person Term Based; 3-6 cr.

7910 ICU Sub-Internship - MICU**(H-N only;)**

59837 001 ROT, In Person Term Based; 4 cr.
59838 002 ROT, In Person Term Based; 4 cr.
59839 003 ROT, In Person Term Based; 4 cr.
59840 004 ROT, In Person Term Based; 4 cr.

7911 ICU Sub-Internship - SICU**(H-N only;)**

59841 001 ROT, In Person Term Based; 4 cr.
59842 002 ROT, In Person Term Based; 4 cr.
59843 003 ROT, In Person Term Based; 4 cr.
59844 004 ROT, In Person Term Based; 4 cr.

7912 ICU Sub-Internship - PICU**(H-N only;)**

59845 001 ROT, In Person Term Based; 4 cr.
59846 002 ROT, In Person Term Based; 4 cr.
59847 003 ROT, In Person Term Based; 4 cr.

59848 004 ROT, In Person Term Based; 4 cr.

7913 ICU Sub-Internship - NICU**(H-N only;)**

59849 001 ROT, In Person Term Based; 4 cr.
59850 002 ROT, In Person Term Based; 4 cr.
59851 003 ROT, In Person Term Based; 4 cr.
59852 004 ROT, In Person Term Based; 4 cr.

7914 ICU Sub-Internship ? Gen Med Wards**(H-N only;)**

59853 001 ROT, In Person Term Based; 4 cr.
59854 002 ROT, In Person Term Based; 4 cr.
59855 003 ROT, In Person Term Based; 4 cr.
59856 004 ROT, In Person Term Based; 4 cr.

Interior Design (IDES)**1602 Interior Design Studio II****(A-F only; Prereq: [1601 or DHA 1601] with grade of at least C-, interior design pre-major)**

46324 001 LAB, 8:30-11:30 MW, McNeal Hall 470, In Person Term Based; Stephanie Zollinger ; 4 cr.
46457 002 LAB, 11:45-14:45 MW, McNeal Hall 470, In Person Term Based; Stephanie Zollinger ; 4 cr.

2196 Work Experience in Interior Design**(S-N only; Prereq: Plan submitted/approved by [adviser, internship supervisor], written approval of supervisor, instr consent)**

46325 001 FWK, Independent/Directed Study; Abimbola Asojo ; 1-4 cr.
46326 002 FWK, Independent/Directed Study; Tasoulla Hadjiyanni ; 1-4 cr.
46327 004 FWK, Independent/Directed Study; Stephanie Zollinger ; 1-4 cr.

2604 Interior Design Studio IV**(A-F or Audit; Prereq: [2603 or DHA 2603], 2613)**

46328 001 LAB, 12:50-15:50 MW, McNeal Hall 480, In Person Term Based; Abimbola Asojo ; 4 cr.
46475 002 LAB, 12:50-15:50 MW, McNeal Hall 475, In Person Term Based; 4 cr.

2612 Interior Materials and Specifications**(A-F or Audit; Prereq: [Pass portfolio review, interior design major] or interior environments minor or design minor or instr consentENV)**

46419 001 LEC, 12:50-14:45 TTh, McNeal Hall 144, In Person Term Based; Meghan Hendrickson ; 4 cr.

2622 Computer Applications I**(A-F only; Prereq: Interior design major)**

46420 001 LAB, 8:30-10:25 MW, McNeal Hall 305, In Person Term Based; Genell Ebbini ; 2 cr.

3162 History of Interiors and Furnishings: 1750 to Present**(A-F or Audit; HIS)**

46373 001 LEC, 13:55-15:50 MW, McNeal Hall 10, In Person Term Based; 4 cr.

3605 Interior Design Studio V**(A-F only;)**

46407 001 LAB, 9:35-12:35 MW, McNeal Hall 233, In Person Term Based; Meghan Hendrickson ; 4 cr.

4160H Honors Capstone Project**(A-F only; Prereq: Interior design honors)**

46329 001 LEC, In Person Term Based; Abimbola Asojo ; 2 cr.
46330 002 LEC, In Person Term Based; Tasoulla Hadjiyanni ; 2 cr.
46331 004 LEC, In Person Term Based; Stephanie Zollinger ; 2 cr.

4193 Directed Study in Interior Design**(A-F or Audit; Prereq: Undergrad, instr consent)**

46332 001 IND, Independent/Directed Study; Abimbola Asojo ; 1-4 cr.
46333 002 IND, Independent/Directed Study; Tasoulla Hadjiyanni ; 1-4 cr.
46334 004 IND, Independent/Directed Study; Stephanie Zollinger ; 1-4 cr.

4196 Internship in Interior Design**(S-N or Audit; Prereq: 3606, instr consent)**

46335 001 FWK, Independent/Directed Study; Abimbola Asojo ; 1 cr.
46336 002 FWK, Independent/Directed Study; Tasoulla Hadjiyanni ; 1 cr.

46337 004 FWK, Independent/Directed Study; Stephanie Zollinger ; 1 cr.

68970 005 FWK, In Person Term Based; Genell Ebbini ; 1 cr.
69919 006 FWK, In Person Term Based; Meghan Hendrickson ; 1 cr.

4608 Interior Design Thesis**(A-F only; Prereq: [4615W or DHA 4615W], [4607 or DHA 4607] with grade of at least C-)**

46338 001 LAB, 8:30-11:30 TTh, McNeal Hall 475, In Person Term Based; Genell Ebbini ; 4 cr.
67079 002 LAB, 8:30-11:30 TTh, McNeal Hall 480, In Person Term Based; Meghan Hendrickson ; 4 cr.

5193 Directed Study in Interior Design**(A-F or Audit; Prereq: Jr or sr or grad student)**

46340 001 IND, Independent/Directed Study; Abimbola Asojo ; 1-4 cr.
46341 002 IND, Independent/Directed Study; Tasoulla Hadjiyanni ; 1-4 cr.
46342 004 IND, Independent/Directed Study; Stephanie Zollinger ; 1-4 cr.

8192 Readings in Interior Design**(A-F or Audit; Prereq: instr consent)**

46343 001 IND, In Person Term Based; Abimbola Asojo ; 1-3 cr.
46344 002 IND, In Person Term Based; Tasoulla Hadjiyanni ; 1-3 cr.
46345 004 IND, In Person Term Based; Stephanie Zollinger ; 1-3 cr.

8193 Directed Study**(A-F or Audit; Prereq: instr consent)**

46346 001 IND, In Person Term Based; Abimbola Asojo ; 1-3 cr.
46347 002 IND, In Person Term Based; Tasoulla Hadjiyanni ; 1-3 cr.
46348 004 IND, In Person Term Based; Stephanie Zollinger ; 1-3 cr.

8222 Plan B Master's Project**(S-N or Audit; Prereq: [DHA or design] master's student, instr consent)**

46349 001 IND, In Person Term Based; Abimbola Asojo ; 3 cr.
46350 002 IND, In Person Term Based; Tasoulla Hadjiyanni ; 3 cr.
46351 004 IND, In Person Term Based; Stephanie Zollinger ; 3 cr.

International Business (IBUS)**3010 Introduction to Global Entrepreneurship****(A-F only;)**

54259 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 1-136, In Person Term Based; Steve Spruth ; 4 cr.

3021 Human Resources Management in Australia**(A-F only; Prereq: ECON 1101, ECON 1102, PSY 1001)**

53964 001 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-136, In Person Term Based; Stacy Doepner-Hove, Larry Bourgerie ; 4 cr.

3033W Business Communication in Spain**(A-F only; WI)**

54027 001 LEC, 11:15-12:30 TTh, Carlson School of Mgmt 1-136, In Person Term Based; Holly Littlefield ; 4 cr.

4082W Brand Management**(A-F only; Prereq: MKTG 3001, MKTG 3010, MKTG 3040WI)**

53960 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt 1-127, In Person Term Based; Jay Lipe ; 4 cr.

5090 Study Abroad Independent Study**(A-F only;)**

70144 001 LEC, In Person Term Based; 1-4 cr.

5122 Global Banking in China**(A-F only;)**

70060 001 LEC, In Person Term Based; 4 cr.

5400 Global Business Practicum**(A-F only; Prereq: approved application)**

54115 003 LEC, 00:00-00:00 , , In Person Term Based; 4 cr.

6997 MILI Global Valuation Lab**(A-F only;)**

54260 001 FWK, Study Abroad; 4 cr.

Interprsnl Relations Research (IREL)

8360 Seminar: Topics in Interpersonal Relationships Research

(Student Option; Prereq: Grad IRel minor or instr consent)
48098 001 LEC, In Person Term Based; Jeff Simpson ; 1-3 cr.

Introduced Species, Genotypes (ISG)

5020 Risk Analysis Modeling for Introduced Species and Genotypes

(S-N only; Prereq: [5010 or equiv], instr consent)
53278 001 LEC, 9:00-17:00 TWTuF, Room TBA, In Person Term Based; David Andow ; 1 cr.

8001 Discussions in Introduced Species and Genotypes

(S-N only;)
53291 001 DIS, 8:00- 8:50 W, Ruttan Hall 143, In Person Term Based; 1 cr.

Italian (ITAL)

1001 Beginning Italian

(Student Option;)
49992 001 DIS, 11:15-12:05 MTWThF, Folwell Hall 103, In Person Term Based; ; 5 cr.
49993 002 DIS, 13:25-14:15 MTWThF, Folwell Hall 105, In Person Term Based; ; 5 cr.
49994 003 DIS, 16:40-18:45 MTh, Folwell Hall 8, In Person Term Based; Meets With: 003 ITAL 4001; ; 5 cr.

1002 Beginning Italian

(Student Option; Prereq: 1001 or instr consent)
49292 002 DIS, 13:25-14:15 TTh, Nicholson Hall 145, 13:25-14:15 MWF, Folwell Hall 122, In Person Term Based; ; 5 cr.
49293 003 DIS, 14:30-15:20 MTWThF, Folwell Hall 103, In Person Term Based; ; 5 cr.
49294 004 DIS, 16:40-18:45 MTh, Folwell Hall 5, In Person Term Based; ; 5 cr.
49434 001 DIS, 12:20-13:10 MTWThF, Peik Hall 165, In Person Term Based; ; 5 cr.

1003 Intermediate Italian

(Student Option;)
50043 001 DIS, 13:25-14:15 MTWThF, Folwell Hall 103, In Person Term Based; ; 5 cr.
67574 002 DIS, 16:40-18:45 MTWThF, Kolthoff Hall 140, In Person Term Based; ; 5 cr.

1004 Intermediate Italian

(Student Option; Prereq: 1001, 1002, 1003)
49300 002 DIS, 11:15-12:05 MTWThF, Folwell Hall 18, In Person Term Based; ; 5 cr.
49301 003 DIS, 16:40-18:45 MTh, Folwell Hall 4, In Person Term Based; Meets With: 003 ITAL 4004; ; 5 cr.
49302 001 DIS, 10:10-11:00 MTWThF, Folwell Hall 103, In Person Term Based; ; 5 cr.

3015 Reading, Conversation, and Composition

(Student Option; Prereq: 1004)
49968 001 DIS, 12:20-14:00 MW, Lind Hall 302, In Person Term Based; Monica Barbieri ; 4 cr.

3459W Senior Project

(Student Option; Prereq: completion of pre-requisite for major (3015) and eight electives for the sum of 30 creditsW)
50755 001 IND, 00:00-00:00 , , Independent/Directed Study; 2 cr.

3640 Topics in Italian Studies

(Student Option; Prereq: 3015 or instr consent)
68264 001 LEC, 17:30-18:45 TTh, Folwell Hall 16, In Person Term Based; Mattia Beghelli ; 3 cr.
69315 002 LEC, 14:30-15:45 MW, Folwell Hall 28, In Person Term Based; Susan Noakes ; 3 cr.

4001 Beginning Italian for Graduate

Research
(Student Option; Prereq: instr consent)
69869 003 DIS, 16:40-18:45 MTh, Folwell Hall 8, In Person Term Based; Meets With: 003 ITAL 1001; ; 5 cr.

4004 Intermediate Italian for Graduate

Research
(Student Option;)
69872 003 DIS, 16:40-18:45 MTh, Folwell Hall 4, In Person Term Based; Meets With: 003 ITAL 1004; ; 5 cr.

4970 Directed Readings

(Student Option; Prereq: instr consent)
49153 001 IND, In Person Term Based; 1-4 cr.
50120 002 IND, In Person Term Based; 1-4 cr.
50121 003 IND, In Person Term Based; 1-4 cr.

5970 Directed Readings

(Student Option; Prereq: instr consent)
49154 001 IND, In Person Term Based; 1-4 cr.
50114 002 IND, In Person Term Based; 1-4 cr.
50122 003 IND, In Person Term Based; 1-4 cr.

8992 Directed Readings

(Student Option; Prereq: instr consent)
49155 001 IND, In Person Term Based; 1-4 cr.
50123 002 IND, In Person Term Based; 1-4 cr.
50124 003 IND, In Person Term Based; 1-4 cr.

Japanese (JPN)

1012 Beginning Japanese II

(Student Option; Prereq: 1011)
51529 001 LEC, 9:05- 9:55 MTWThF, Folwell Hall 106, In Person Term Based; Meets With: 001 JPN 4002; Nana Onishi ; 5 cr.
51530 002 LEC, 10:10-11:00 MTWThF, Folwell Hall 105, In Person Term Based; Meets With: 002 JPN 4002; Marnie Jorenby ; 5 cr.
51531 003 LEC, 11:15-12:05 MTWThF, Folwell Hall 121, In Person Term Based; Meets With: 003 JPN 4002; Marnie Jorenby ; 5 cr.
51532 004 LEC, 12:20-13:10 MTWThF, Folwell Hall 105, In Person Term Based; Meets With: 004 JPN 4002; Fumiko Matsumoto ; 5 cr.
51533 005 LEC, 13:25-14:15 MTWThF, Folwell Hall 4, In Person Term Based; Meets With: 005 JPN 4002; Keiko Emmett ; 5 cr.
51534 006 LEC, 13:25-14:15 MTWThF, Folwell Hall 30, In Person Term Based; Meets With: 006 JPN 4002; Fumiko Matsumoto ; 5 cr.
51535 007 LEC, 14:30-15:20 MTWThF, Ford Hall 170, In Person Term Based; Meets With: 007 JPN 4002; Fumiko Matsumoto ; 5 cr.
51536 050 LEC, 16:40-19:00 TTh, Folwell Hall 104, In Person Term Based; Meets With: 050 JPN 4002; Keiko Emmett ; 5 cr.

3022 Intermediate Japanese II

(Student Option; Prereq: 3021 or instr consent)
49366 002 LEC, 10:10-11:00 MTWThF, Folwell Hall 104, In Person Term Based; Meets With: 002 JPN 4004; Ayumi Mita ; 5 cr.
49793 001 LEC, 9:05- 9:55 MTWThF, Folwell Hall 105, In Person Term Based; Meets With: 001 JPN 4004; Ayumi Mita ; 5 cr.
50795 003 LEC, 11:15-12:05 MTWThF, Folwell Hall 106, In Person Term Based; Meets With: 003 JPN 4004; Nana Onishi ; 5 cr.
51029 004 LEC, 13:25-14:15 MTWThF, Folwell Hall 121, In Person Term Based; Meets With: 004 JPN 4004; Kenichi Tazawa ; 5 cr.
51404 050 LEC, 16:40-19:00 TTh, Folwell Hall 103, In Person Term Based; Meets With: 050 JPN 4004; Kenichi Tazawa ; 5 cr.

3032 Third Year Japanese II

(Student Option; Prereq: 3031 or instr consent)
51751 001 LEC, 9:05- 9:55 MTWTh, Folwell Hall 6, In Person Term Based; Meets With: 001 JPN 4006; Keiko Kawakami ; 4 cr.
51803 002 LEC, 10:10-11:00 MTWTh, Folwell Hall 4, In Person Term Based; Meets With: 002 JPN 4006; Keiko Kawakami ; 4 cr.
51804 003 LEC, 14:30-15:20 MTWTh, Folwell Hall 106, In Person Term Based; Meets With: 003 JPN 4006; Michiko Buchanan ; 4 cr.

3290 Japanese Language Teaching Tutorial

(S-N only; Prereq: Grade of A in 4042)

50943 001 FWK, In Person Term Based; Michiko Buchanan ; 1 cr.

4002 Beginning Japanese II for Graduate Student Research

(Student Option; Prereq: 4001)
51543 007 LEC, 14:30-15:20 MTWThF, Ford Hall 170, In Person Term Based; Meets With: 007 JPN 1012; Fumiko Matsumoto ; 5 cr.

4042 Advanced Japanese Conversation and Composition II

(Student Option; Prereq: 4041 or instr consent)
50648 001 LEC, 9:05-11:00 MW, Folwell Hall 107, In Person Term Based; Michiko Buchanan ; 4 cr.

Jewish Studies (JWST)

3011 Jewish American Literature: Toward a Poetics of Diasporic Identity

(Student Option; DSJ,HIS)
68956 001 LEC, 13:00-14:15 TTh, Lind Hall 315, In Person Term Based; Meets With: 001 ENGL 3011; Natan Paradise ; 3 cr.

3504 Apocalypticism, Cosmic Warfare, and the Maccabees: Jewish Strategies of Resistance in Antiquity

(Student Option;)
67689 001 LEC, 9:45-11:00 TTh, Folwell Hall 123, In Person Term Based; Meets With: 001 CNES 3504001 RELS 3504; Patricia Ahearne-Kroll ; 3 cr.

3631 Jewish Writers and Rebels in German, Austrian, and American Culture

(Student Option; Prereq: No knowledge of German required; Extra work in German must be done in order to count this course toward a German minor or a German, Scandinavian, Dutch major.)
67780 001 DIS, 11:15-12:30 TTh, Nicholson Hall 315, In Person Term Based; Meets With: 001 GER 3631001 CSDL 3123; Leslie Morris ; 3 cr.

3729 Nazi Germany and Hitler's Europe

(Student Option;)
67146 001 LEC, 14:30-15:45 MW, , In Person Term Based; Meets With: 001 HIST 3729; Igor Tchoukarine ; 3 cr.

3993 Directed Study

(A-F only; Prereq: instr consent)
69452 001 IND, In Person Term Based; 1-4 cr.

4000W Final Project, Writing Intensive

(A-F or Audit; Prereq: JwSt major, permission of dir of undergrad studiesW)
50152 001 IND, In Person Term Based; 4 cr.
50949 002 IND, In Person Term Based; 4 cr.

4001W Final Project, Writing Intensive

(A-F or Audit; Prereq: concurrent registration is required (or allowed) in 5xxx, JwSt major, permission of dir of undergrad studiesW)
49362 001 IND, In Person Term Based; 1 cr.

5992 Directed Readings

(Student Option; Prereq: instr consent)
50377 001 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

Journalism & Mass Communicat (JOUR)

1001 Introduction to Mass Communication

(Student Option; SOCS,TS)
48741 001 LEC, 8:15- 9:30 TTh, Nicholson Hall 155, In Person Term Based; Benjamin Toff ; 3 cr.
48742 003 LEC, 9:05- 9:55 MWF, Murphy Hall 130, In Person Term Based; Claire Segijn ; 3 cr.
49654 002 LEC, 14:30-15:45 TTh, Nicholson Hall 155, In Person Term Based; Sid Bedingfield ; 3 cr.

1501 Digital Games, Sims and Apps:

Storytelling, Play and Commerce
(Student Option; AH,TS)
51724 001 LEC, 14:30-15:45 MW, Bruininks Hall 114, In Person Term Based; Colin Agur ; 3 cr.
67103 002 LEC, 11:15-12:30 MW, Bruininks Hall 131A, In Person Term Based; Colin Agur ; 3 cr.

1911 The Symbolic Meanings of Money and Property

(A-F only; GP)
67114 001 DIS, 13:00-14:15 TTh, Murphy Hall 25, In Person Term Based; Kenneth Doyle ; 3 cr.

3004V Honors: Information for Mass Communication

(A-F only; Prereq: Honors, [jour major or mass comm minor or approved BIS/DIM/ICP program]WI)
50182 001 LEC, 10:10-11:00 MWF, Murphy Hall 130, In Person Term Based; Meets With: 001 JOUR 3004W; Amy O'Connor ; 3 cr.

3004W Information for Mass Communication

(A-F only; Prereq: Jour major or jour minor or approved BIS/DIM/ICP program)WI)
48743 001 LEC, 10:10-11:00 MWF, Murphy Hall 130, In Person Term Based; Meets With: 001 JOUR 3004V; Amy O'Connor ; 3 cr.
50298 008 LEC, 13:25-14:15 MWF, Murphy Hall 130, In Person Term Based; Susan LoRusso ; 3 cr.

3005 Mass Media Effects

(Student Option; SOCS)
51214 001 LEC, 13:00-14:15 TTh, Murphy Hall 130, In Person Term Based; Rebekah Nagler ; 3 cr.

3006 Visual Communication

(Student Option;)
49943 001 LEC, 11:15-12:30 MW, Murphy Hall 130, In Person Term Based; Diane Cormany ; 3 cr.

3101 News Reporting and Writing

(A-F only; Prereq: [3004W or 3004V or concurrent registration is required (or allowed) in 3004W or 3004V], [jour major or admitted pre-jour or approved BIS/DIM/ICP program])
51297 003 LEC, 14:30-16:25 MW, Murphy Hall 10 North, In Person Term Based; Gail Rosenblum ; 3 cr.
51571 001 LEC, 10:10-12:05 TTh, Murphy Hall 10 South, In Person Term Based; Gayle Golden ; 3 cr.

3102 Multimedia Production and Storytelling

(A-F only; Prereq: [3004W or 3004V or concurrent registration is required (or allowed) in 3004W or concurrent registration is required (or allowed) in 3004V], [3101 or 3101H or concurrent registration is required (or allowed) in 3101 or concurrent registration is required (or allowed) in 3101H or 3279W or concurrent registration is required (or allowed) in 3279W or 3241 or concurrent registration is required (or allowed) in 3241], [jour major or admitted pre-jour or approved BIS/DIM/ICP program])
50953 001 LEC, 12:20-14:15 TTh, Murphy Hall 10 South, In Person Term Based; Jerry Broeckert ; 3 cr.
51298 002 LEC, 15:35-17:30 TTh, Murphy Hall 10 South, In Person Term Based; Jerry Broeckert ; 3 cr.

3121 Intermediate News Reporting

(A-F only; Prereq: [3004W or 3004V], [3101 or 3101H], [jour major or approved BIS/DIM/ICP program])
50341 001 LEC, 9:45-11:00 TTh, Murphy Hall 25, In Person Term Based; Christopher Ison ; 3 cr.
52267 002 LEC, 8:15-9:30 TTh, Murphy Hall 15, In Person Term Based; Dee DePass ; 3 cr.

3155 Editing for Print and Digital Audiences

(A-F only; Prereq: [3004W or 3004V, 3101 or 3101H], [jour major or approved BIS/DIM/ICP program])
48744 001 LEC, 17:30-19:25 TTh, Murphy Hall 10 North, In Person Term Based; Colleen Kelly ; 3 cr.

3173W Magazine & Feature Writing

(A-F only; Prereq: [3004W or 3004V, 3101 or 3101H, or 3279W], [jour major or approved BIS/DIM/ICP program]WI)
51567 001 LEC, 13:00-14:15 TTh, Murphy Hall 228, In Person Term Based; John Rosengren ; 3 cr.

3201 Principles of Strategic Communication

(A-F or Audit; Prereq: [3004W or 3004V or concurrent registration is required (or allowed) in 3004W or concurrent registration is required (or allowed) in 3004V], [jour major or mass comm minor or admitted pre-jour or approved BIS/DIM/ICP program])
48746 001 LEC, 11:15-12:05 MWF, Murphy Hall 214, In Person Term Based; Hyejoon Rim ; 3 cr.

49719 002 LEC, 11:15-12:30 TTh, Murphy Hall 130, In Person Term Based; Jason Sprenger ; 3 cr.

3241 Advertising Strategy and Creative Development

(A-F only; Prereq: [3004W or 3004V], 3201, [jour major or approved BIS/DIM/ICP program])
49844 001 LEC, 14:30-15:45 MW, Murphy Hall 228, In Person Term Based; Jim Offerman ; 3 cr.
51299 002 LEC, 9:45-11:00 TTh, Murphy Hall 228, In Person Term Based; Len Mitsch ; 3 cr.
51738 003 LEC, 9:45-11:00 MW, Murphy Hall 228, In Person Term Based; Jim Offerman ; 3 cr.
67013 004 LEC, 8:15-9:30 TTh, Murphy Hall 228, In Person Term Based; Mark Jensen ; 3 cr.

3251 Evaluative Research in Strategic Communication

(A-F only; Prereq: [3004W or 3004V], [3201 or 3202], Jour major or approved BIS/DIM/ICP major)
49420 001 LEC, 14:30-15:45 MW, Peik Hall 315, In Person Term Based; Hyejoon Rim ; 3 cr.

3253 Account Planning

(A-F only; Prereq: [JOUR 3004W or JOUR 3004V], [JOUR 3201 or JOUR 3202], Jour major or approved BIS/DIM/ICP major)
51300 001 LEC, 8:15-9:30 MW, Murphy Hall 214, In Person Term Based; Mark Jensen ; 3 cr.

3261 Media Planning

(A-F only; Prereq: [3004W or 3004V], [3201 or 3202], [jour major or approved BIS/DIM/ICP program])
48749 001 LEC, 16:00-17:15 TTh, Murphy Hall 214, In Person Term Based; Douglas Stokes ; 3 cr.

3275 Digital Strategy in Strategic Communication

(A-F only; Prereq: [3004W or 3004V], [3201 or 3202], [jour major or approved BIS/DIM/ICP program])
51383 002 LEC, 8:15-9:30 MW, Murphy Hall 228, In Person Term Based; Meredith Speier ; 3 cr.
51565 001 LEC, 16:00-17:15 MW, Ford Hall 110, In Person Term Based; Sean O'Brien ; 3 cr.
67042 003 LEC, 16:00-17:15 TTh, Murphy Hall 228, In Person Term Based; Craig Pladson ; 3 cr.

3279W Professional Writing for Strategic Communication

(A-F only; Prereq: [3004W or 3004V], [3201 or 3202], [jour major or approved BIS/DIM/ICP]WI)
48745 001 LEC, 13:00-14:15 MW, Murphy Hall 10 South, In Person Term Based; Eva Keiser ; 3 cr.
51369 003 LEC, 14:30-15:45 TTh, Murphy Hall 10 North, In Person Term Based; Betsy Neibergall Anderson ; 3 cr.
51727 002 LEC, 16:40-17:55 MW, Murphy Hall 10 North, In Person Term Based; Earl Johnston ; 3 cr.
67043 004 LEC, 16:00-17:15 TTh, Murphy Hall 10 North, In Person Term Based; 3 cr.

3321 Media Design

(A-F only; Prereq: [3004V or 3004W or concurrent registration is required (or allowed) in 3004W or concurrent registration is required (or allowed) in 3004V], [jour major or admitted pre-jour or approved BIS/DIM/ICP program])
49421 001 LEC, 8:00-9:55 MW, Murphy Hall 10 North, In Person Term Based; Susan Andre ; 3 cr.
50454 002 LEC, 14:30-16:25 TTh, Murphy Hall 10 Center, In Person Term Based; Abbey Kleinert ; 3 cr.
51578 003 LEC, 10:10-12:05 MW, Murphy Hall 10 North, In Person Term Based; Jeanne Schacht ; 3 cr.
67044 004 LEC, 12:20-14:15 TTh, Murphy Hall 10 Center, In Person Term Based; Abbey Kleinert ; 3 cr.

3451 TV, Radio and Digital News Reporting

(A-F only; Prereq: [3004W or 3004V], [3101 or 3101H or 3279W], Jour 3102, [jour major or approved BIS/DIM/ICP program])
50837 001 LEC, 14:30-15:45 MW, Murphy Hall 10 South, In Person Term Based; Scott Libin ; 3 cr.
50838 002 LAB, 15:45-17:30 M, Murphy Hall 10 South, In Person Term Based; Scott Libin ; 3 cr.

3551 Economics of New Media

(Student Option; TS)
51568 001 LEC, 14:30-15:45 TTh, Murphy Hall 214, In Person Term Based; Benjamin Toff ; 3 cr.

3614 History of Media Communication

(Student Option; HIS,TS)
51783 001 LEC, 11:15-12:30 TTh, Molecular Cellular Biol 3-120, In Person Term Based; Giovanna Dell'Orto ; 3 cr.

3615 History of the Documentary

(Student Option;)
69915 001 LEC, 16:45-17:35 TTh, Tate Hall B85, In Person Term Based; Melody Gilbert ; 3 cr.

3745 Mass Media and Popular Culture

(Student Option; AH,DSJ)
48747 001 LEC, 9:45-11:00 MW, Nicholson Hall 155, In Person Term Based; Susan LoRusso ; 3 cr.
51355 002 LEC, 9:45-11:00 TTh, Nicholson Hall 275, In Person Term Based; Susan LoRusso ; 3 cr.

3751 New Media and Culture

(Student Option; AH,TS)
50967 001 LEC, 14:30-15:45 MW, Murphy Hall 130, In Person Term Based; Diane Cormany ; 3 cr.

3771 Mass Media Ethics: Moral Reasoning and Case Studies

(Student Option; CIV)
49394 001 LEC, 13:00-14:15 TTh, Rapson Hall 31, In Person Term Based; Christopher Ison ; 3 cr.

3775 Administrative Law and Regulation for Strategic Communication

(Student Option; CIV)
51301 001 LEC, 13:00-14:15 MW, Murphy Hall 214, In Person Term Based; Christopher Terry ; 3 cr.

3776 Mass Communication Law

(A-F only;)
48748 001 LEC, 8:15-9:30 TTh, Murphy Hall 130, In Person Term Based; Meets With: 001 JOUR 3776H; Jane Kirtley ; 3 cr.

3776H Mass Communication Law

(A-F only; Prereq: Honors)
52379 001 LEC, 8:15-9:30 TTh, Murphy Hall 130, In Person Term Based; Meets With: 001 JOUR 3776; Jane Kirtley ; 3 cr.

3993 Directed Study

(A-F or Audit; Prereq: [jour major or jour minor or approved IDIM major or ICP major or BIS major], instr consent, dept consent, college consent.)
49843 001 IND, 00:00-00:00 , , In Person Term Based; Giovanna Dell'Orto ; 1-3 cr.
49972 002 IND, 00:00-00:00 , , In Person Term Based; Kenneth Doyle ; 1-3 cr.
49973 003 IND, 00:00-00:00 , , In Person Term Based; Kathleen Hansen ; 1-3 cr.
49974 004 IND, 00:00-00:00 , , In Person Term Based; Jisu Huh ; 1-3 cr.
49975 005 IND, 00:00-00:00 , , In Person Term Based; Jane Kirtley ; 1-3 cr.
49976 006 IND, 00:00-00:00 , , In Person Term Based; Christopher Ison ; 1-3 cr.
49977 007 IND, 00:00-00:00 , , In Person Term Based; Albert Tims ; 1-3 cr.
49978 008 IND, 00:00-00:00 , , In Person Term Based; Marco Yzer ; 1-3 cr.
49979 009 IND, 00:00-00:00 , , In Person Term Based; Gayle Golden ; 1-3 cr.
49980 010 IND, 00:00-00:00 , , In Person Term Based; Sherri Katz ; 1-3 cr.

3996 Directed Internship

(S-N or Audit; Prereq: Jour major, dept consent)
49981 001 FWK, 00:00-00:00 , , In Person Term Based; Steven Wehrenberg ; 1 cr.
50417 002 FWK, 00:00-00:00 , , In Person Term Based; Gayle Golden ; 1 cr.
50418 003 FWK, 00:00-00:00 , , In Person Term Based; Len Mitsch ; 1 cr.
50419 004 FWK, 00:00-00:00 , , In Person Term Based; Scott Libin ; 1 cr.
51249 006 FWK, 00:00-00:00 , , In Person Term Based; 1 cr.

4193 Brovald-Sim Community Journalism Practicum

(A-F only; Prereq: [3004W or 3004V], [3101 or 3101H], [jour major or approved BIS/DIM/ICP program])
51385 001 LAB, 9:45-11:00 MW, Murphy Hall 10 South, In Person Term Based; Gayle Golden ; 3 cr.

4242 Advertising Portfolio Development

(A-F only; Prereq: [3004W or 3004V], 3201, 3241, [jour major or approved BIS/DIM/ICP program])
50503 001 LEC, 13:00-14:15 MW, Murphy Hall 228, In Person Term Based; Len Mitsch ; 3 cr.
52050 002 LEC, 8:15-9:30 TTh, Murphy Hall 25, In Person Term Based; Len Mitsch ; 3 cr.

4243 Digital Content Development and Production for Brand Communications
(A-F only; Prereq: [3004W or 3004V], 3201, 3241 or Jour 3279W, [jour major or approved BIS/DIM/ICP program])
52066 001 LEC, 10:10-12:05 TTh, Murphy Hall 10 North, In Person Term Based; Betsy Neibergall Anderson ; 3 cr.

4251 Psychology of Advertising
(Student Option;)
51430 001 LEC, 13:00-14:15 TTh, Nicholson Hall 155, In Person Term Based; Sherri Katz ; 3 cr.

4259 Strategic Communication Case Analysis
(A-F only; Prereq: [3004W or 3004V], [3201 or Jour 3202], any one additional 32xx skills course, [jour major or approved BIS/DIM/ICP program])
51370 001 LEC, 11:15-12:30 TTh, Murphy Hall 25, In Person Term Based; Michelle Wood ; 3 cr.
51935 002 LEC, 8:15- 9:30 TTh, Murphy Hall 214, In Person Term Based; Joan O'Fallon ; 3 cr.
52268 003 LEC, 14:30-15:45 TTh, Murphy Hall 228, In Person Term Based; Stacey Kanihan ; 3 cr.

4262 Management for Strategic Communication
(A-F only; Prereq: [3004W or 3004V], [3201 or 3202], one additional JOUR 32xx skills course, jour major or approved BIS/DIM/ICP program)
51733 001 LEC, 13:00-14:15 TTh, Murphy Hall 214, In Person Term Based; Steven Wehrenberg ; 3 cr.

4263 Strategic Communication Campaigns
(A-F or Audit; Prereq: [3004W or 3004V], 3201, any 32xx skills course, [any 42xx skills course or concurrent registration is required (or allowed) in any 42xx skills course], jour major or approved BIS/DIM/ICP program)
48750 001 LAB, 10:10-12:05 TTh, Rapson Hall 58, In Person Term Based; Judy Hohmann ; 3 cr.
49425 004 LAB, 8:00- 9:55 MW, Murphy Hall 25, In Person Term Based; Daniel Gore ; 3 cr.
51302 003 LAB, 16:40-18:35 TTh, Murphy Hall 25, In Person Term Based; Kent Kaiser ; 3 cr.
51734 006 LAB, 16:40-18:35 MW, Murphy Hall 25, In Person Term Based; James Pounds ; 3 cr.
52269 002 LAB, 10:10-12:05 MW, Murphy Hall 25, In Person Term Based; Daniel Gore ; 3 cr.
52270 007 LAB, 9:05-11:00 MW, Tate Hall B85, In Person Term Based; Ann Karich ; 3 cr.
52271 008 LAB, 16:40-18:35 MW, Amundson Hall 162, In Person Term Based; Mark Jensen ; 3 cr.

4272 Interactive Advertising
(A-F or Audit; Prereq: Jour major or mass comm minor or approved BIS/DIM/ICP program)
50415 001 LEC, 9:45-11:00 MW, Murphy Hall 214, In Person Term Based; Jisu Huh ; 3 cr.

4274W Advertising in Society
(Student Option; WI)
48751 001 LEC, 16:40-17:55 MW, Murphy Hall 228, In Person Term Based; Kenneth Doyle ; 3 cr.

4303 Documentary Photojournalism
(A-F only; Prereq: [[3004W or 3004V], 3102, [jour major or approved BIS/DIM/ICP program] or instr consent)
51735 001 LEC, 14:30-15:45 TTh, Murphy Hall 15, In Person Term Based; Melody Gilbert ; 3 cr.

4452 Electronic Newscast Producing
(A-F only; Prereq: [3004W or 3004V], [3101 or 3101H], 3451, [3121 or concurrent registration is required (or allowed) in 3121] [jour major or approved BIS/DIM/ICP program])
51736 001 LEC, 9:05- 9:55 MWF, Murphy Hall 10H, 9:05- 9:55 MWF, Murphy Hall 10, 9:05- 9:55 MWF, Murphy Hall 10 Center, In Person Term Based; Scott Libin ; 3 cr.
51737 002 LAB, 10:10-11:00 MWF, Murphy Hall 10 Center, 10:10-11:00 MWF, Murphy Hall 10, 10:10-11:00 MWF, Murphy Hall 10H, In Person Term Based; Scott Libin ; 3 cr.

4721 Mass Media and U.S. Society
(Student Option; DSJ,SOCS)
51309 001 LEC, 11:15-12:30 TTh, Murphy Hall 214, In Person Term Based; Meets With: 001 JOUR 4721H; Sid Bedingfield ; 3 cr.

4721H Mass Media and U.S. Society
(A-F only; Prereq: HonorsDSJ,SOCS)
51310 001 LEC, 11:15-12:30 TTh, Murphy Hall 214, In Person Term Based; Meets With: 001 JOUR 4721; Sid Bedingfield ; 3 cr.

4801 Global Communication
(Student Option;)
51566 001 LEC, 14:30-15:45 TTh, Rapson Hall 31, In Person Term Based; Giovanna Dell'Orto ; 3 cr.

4990 Special Topics in Mass Communication: Professional
(A-F or Audit; Prereq: [3101 or 3201 or 3202]), 3004, [Jour major or approved IDIM major or ICP major or BIS major])
67303 001 LAB, 13:00-14:15 MW, Murphy Hall 15, In Person Term Based; Michael Rand ; 3 cr.

4992 Field Based Practicum
(A-F or Audit; Prereq: Jour major)
50504 001 LAB, 9:00-10:30 W, No Room Required, In Person Term Based; Christopher Ison ; 3 cr.

4993H Honors: Projects
(A-F or Audit; Prereq: Jour major, honors div regis, college consent, dept consent, instr consent.)
49426 001 IND, 00:00-00:00 , , In Person Term Based; Giovanna Dell'Orto ; 3 cr.
49982 002 IND, 00:00-00:00 , , In Person Term Based; Kenneth Doyle ; 3 cr.
49983 003 IND, 00:00-00:00 , , In Person Term Based; Kathleen Hansen ; 3 cr.
49984 004 IND, 00:00-00:00 , , In Person Term Based; Jisu Huh ; 3 cr.
49985 005 IND, 00:00-00:00 , , In Person Term Based; Jane Kirtley ; 3 cr.
49986 006 IND, 00:00-00:00 , , In Person Term Based; Christopher Ison ; 3 cr.
50052 007 IND, 00:00-00:00 , , In Person Term Based; Albert Tims ; 3 cr.
50053 008 IND, 00:00-00:00 , , In Person Term Based; Daniel Wackman ; 3 cr.
50054 009 IND, 00:00-00:00 , , In Person Term Based; Marco Yzer ; 3 cr.
50055 010 IND, 00:00-00:00 , , In Person Term Based; Gayle Golden ; 3 cr.
50056 018 IND, 00:00-00:00 , , In Person Term Based; 3 cr.

5174 Magazine Editing and Production
(A-F only; Prereq: [3004W or 3004V], [3155 or 3173W or 3279W or 3321 or 4302]), [jour major or approved BIS/IDIM/ICP program])
50951 001 LEC, 14:30-16:25 MW, Murphy Hall 214, 14:30-16:25 MW, Murphy Hall 10 Center, 14:30-16:25 MW, Murphy Hall 10H, In Person Term Based; Stephanie Glaros, David Schimke ; 3 cr.

5251 Strategic Communication Theory
(Student Option;)
50268 001 LEC, 17:30-20:00 T, Murphy Hall 228, In Person Term Based; Stacey Kanihan ; 3 cr.

5542 Theory-based Health Message Design
(A-F or Audit;)
67014 001 LEC, 11:15-12:30 TTh, Murphy Hall 228, In Person Term Based; Marco Yzer ; 3 cr.

5552 Law of Internet Communications
(A-F or Audit;)
67015 001 LEC, 11:15-12:30 MW, Murphy Hall 228, In Person Term Based; Christopher Terry ; 3 cr.

5606W Literary Aspects of Journalism
(Student Option; WI)
51463 001 LEC, 13:00-14:15 MW, Ford Hall 127, In Person Term Based; Gayle Golden ; 3 cr.

5993 Directed Study
(A-F or Audit; Prereq: [Jour major or jour minor or approved IDIM major or ICP major or BIS major], GPA of at least 3.00, college consent, dept consent, instr consent.)
49427 001 IND, 00:00-00:00 , , In Person Term Based; Giovanna Dell'Orto ; 1-3 cr.
49987 002 IND, 00:00-00:00 , , In Person Term Based; Kenneth Doyle, Julie Goliias ; 1-3 cr.
49988 003 IND, 00:00-00:00 , , In Person Term Based; Kathleen Hansen ; 1-3 cr.
49989 004 IND, 00:00-00:00 , , In Person Term Based; Jisu Huh ; 1-3 cr.
49990 005 IND, 00:00-00:00 , , In Person Term Based; Jane Kirtley ; 1-3 cr.
49991 006 IND, 00:00-00:00 , , In Person Term Based; Christopher Ison ; 1-3 cr.
50057 007 IND, 00:00-00:00 , , In Person Term Based; Albert Tims ; 1-3 cr.
50058 008 IND, 00:00-00:00 , , In Person Term Based; Marco Yzer ; 1-3 cr.

50059 009 IND, 00:00-00:00 , , In Person Term Based; Gayle Golden ; 1-3 cr.
50060 010 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8003 Digital Media Issues and Theories
(A-F or Audit; Prereq: Journalism grad student)
67016 001 LEC, 13:00-14:15 TTh, Murphy Hall 15, In Person Term Based; Valerie Belair-Gagnon ; 3 cr.

8193 Health Communication Capstone
(A-F or Audit;)
52284 001 LEC, 11:15-13:10 F, Murphy Hall 200, In Person Term Based; Marco Yzer ; 3 cr.

8202 Generation and Selection of Communication Strategies
(A-F only; Prereq: Strat Comm MA grad major)
50269 001 LEC, 17:30-20:00 Th, Murphy Hall 228, In Person Term Based; Steven Wehrenberg ; 3 cr.

8205 Cases in Strategic Communication
(A-F only; Prereq: 8203, strat comm MA grad major)
52360 001 LEC, 17:30-20:00 Th, Murphy Hall 214, In Person Term Based; Matthew Furman ; 3 cr.

8333 FTE: Master's
(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
49548 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral
(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
49571 001 IND, In Person Term Based; 1 cr.

8503 Seminar: Qualitative Methods in Mass Communication Research
(A-F or Audit; Prereq: Grad students enrolled in Mass Communication MA or PhD program or instr consent)
51459 001 LEC, 14:30-15:45 MW, Murphy Hall 25, In Person Term Based; Amy O'Connor ; 3 cr.

8666 Doctoral Pre-Thesis Credits
(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
49596 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8678 Seminar: Constitutional Law--Theories of Freedom of Expression
(A-F or Audit; Prereq: 5777 or instr consent or law student)
52286 001 LEC, 15:35-18:05 W, Murphy Hall 15, In Person Term Based; Meets With: 001 LAW 6059; Jane Kirtley ; 3 cr.

8720 Seminar: Mass Media and Health
(A-F only; Prereq: Grad students enrolled in Mass Communication MA or PhD program or instr consent)
67017 001 LEC, 14:30-17:30 T, Murphy Hall 200, In Person Term Based; Rebekah Nagler ; 3 cr.

8773 Thesis Credits: Master's
(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required (Plan A only))
49616 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral
(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
49648 001 IND, In Person Term Based; 1-24 cr.

8993 Directed Study
(A-F or Audit; Prereq: Grad mass comm major or minor, instr consent, dept consent)
49428 001 IND, 00:00-00:00 , , In Person Term Based; Giovanna Dell'Orto ; 1-6 cr.
50061 002 IND, 00:00-00:00 , , In Person Term Based; Kenneth Doyle ; 1-6 cr.
50062 003 IND, 00:00-00:00 , , In Person Term Based; Kathleen Hansen ; 1-6 cr.
50063 004 IND, 00:00-00:00 , , In Person Term Based; Jisu Huh ; 1-6 cr.
50064 005 IND, 00:00-00:00 , , In Person Term Based; Jane Kirtley ; 1-6 cr.
50065 006 IND, 00:00-00:00 , , In Person Term Based; Christopher Ison ; 1-6 cr.

50066 007 IND, 00:00-00:00 , , In Person Term Based; Albert Tims ; 1-6 cr.
 50067 008 IND, 00:00-00:00 , , In Person Term Based; Marco Yzer ; 1-6 cr.
 50068 009 IND, 00:00-00:00 , , In Person Term Based; Gayle Golden ; 1-6 cr.
 50069 010 IND, 00:00-00:00 , , In Person Term Based; Valerie Belair-Gagnon ; 1-6 cr.
 70256 011 IND, In Person Term Based; Steven Wehrenberg ; 1-6 cr.
 70537 012 IND, In Person Term Based; Benjamin Toff ; 1-6 cr.

Kenya (KNYA)

Kinesiology (KIN)

1050 Beginning Military Physical Fitness Training

(A-F or Audit;)

47421 001 LEC, 6:30- 7:20 MWF, Akerman Hall 225, In Person Term Based; Meets With: 001 KIN 3050; Ryan Goltz ; 1 cr.

1871 Survey of Kinesiology, Recreation, and Sport

(A-F or Audit;)

47300 001 LEC, 8:15- 9:30 TTh, Keller Hall 3-210, In Person Term Based; Meets With: 002 KIN 1871003 KIN 1871; Amanda Frayeh ; 3 cr.
 47947 002 LEC, 8:15- 9:30 TTh, Keller Hall 3-210, In Person Term Based; Meets With: 001 KIN 1871003 KIN 1871; Amanda Frayeh ; 3 cr.
 48593 003 LEC, 8:15- 9:30 TTh, Keller Hall 3-210, In Person Term Based; Meets With: 001 KIN 1871002 KIN 1871; Amanda Frayeh ; 3 cr.

3001 Lifetime Health and Wellness

(A-F or Audit; SOCS)

47295 001 LEC, 9:45-11:00 TTh, Akerman Hall 209, In Person Term Based; Eydie Kramer ; 3 cr.
 47520 002 LEC, 11:15-12:30 TTh, Rapson Hall 31, In Person Term Based; Morgan Betker ; 3 cr.
 47900 003 LEC, 13:00-14:15 TTh, Armory Building 116, In Person Term Based; Daheia Barr-Anderson ; 3 cr.

3027 Human Anatomy for Kinesiology Students

(A-F or Audit;)

47475 001 LEC, 11:15-12:05 MW, Rapson Hall 56, In Person Term Based; Tyler Bosch ; 3 cr.
 47476 002 LAB, 12:20-13:10 W, Mariucci Arena 141, In Person Term Based; 3 cr.
 47477 003 LAB, 13:25-14:15 W, Mariucci Arena 141, In Person Term Based; 3 cr.
 48051 004 LAB, 14:30-15:20 W, Mariucci Arena 141, In Person Term Based; 3 cr.
 48175 005 LAB, 15:35-16:25 W, Mariucci Arena 141, In Person Term Based; 3 cr.

3050 Advanced Military Physical Fitness Training

(A-F or Audit; Prereq: 4 cr of 1050 or instr consent)

47422 001 LEC, 6:30- 7:20 MWF, Akerman Hall 225, In Person Term Based; Meets With: 001 KIN 1050; Ryan Goltz ; 1 cr.

3112 Introduction to Biomechanics

(A-F only; Prereq: [PHYS 1101W or PHYS 1201W or PHYS 1301W or PHYS 1401V or 1107], [3027 or 3111 or ANAT 3001 or ANAT 3601 or ANAT 3611 or INMD 3001 or INMD 3601]; 3385 recommended)

47311 001 LEC, 9:05-11:00 T, Mechanical Engineering 18, In Person Term Based; Juergen Konczak ; 4 cr.
 47397 002 LAB, 8:15- 9:55 Th, Cooke Hall 20, In Person Term Based; 4 cr.
 47398 003 LAB, 10:10-11:50 Th, Cooke Hall 20, In Person Term Based; 4 cr.
 47399 004 LAB, 12:05-13:45 Th, Cooke Hall 20, In Person Term Based; 4 cr.
 47781 005 LAB, 14:00-15:40 Th, Cooke Hall 20, In Person Term Based; 4 cr.
 48116 006 LAB, 16:00-17:40 Th, Cooke Hall 20, In Person Term Based; 4 cr.

3114 Prevention and Care of Athletic Injuries

(A-F only; Prereq: [3027 or ANAT 3001 or ANAT 3601 or ANAT 3611 or equiv], [CEHD student or instr consent])

47299 001 LEC, 9:45-11:00 MW, Bruininks Hal 121, In Person Term Based; Angela Szumowski ; 3 cr.
 68909 002 LEC, 11:15-12:30 MW, Bruininks Hal 121, In Person Term Based; Angela Szumowski ; 3 cr.

3126W Sport and Exercise Psychology

(A-F or Audit; Prereq: Kin major or instr consentWI)

47292 001 LEC, 10:10-11:00 MW, Smith Hall 331, In Person Term Based; Maureen Weiss ; 3 cr.
 47478 002 DIS, 8:00- 8:50 F, Cooke Hall 206, In Person Term Based; 3 cr.
 47938 003 DIS, 9:05- 9:55 F, Cooke Hall 206, In Person Term Based; 3 cr.
 48069 004 DIS, 10:10-11:00 F, Cooke Hall 206, In Person Term Based; 3 cr.
 48070 005 DIS, 11:15-12:05 F, Cooke Hall 206, In Person Term Based; 3 cr.
 48071 006 DIS, 12:20-13:10 F, Cooke Hall 206, In Person Term Based; 3 cr.

3131W History and Philosophy of Sport

(A-F or Audit; Prereq: Kin major or instr consentWI)

47285 001 LEC, 14:30-15:45 TTh, Bruininks Hall 230, In Person Term Based; Amanda Frayeh ; 3 cr.

3132 Introduction to Motor Development Across the Lifespan

(A-F only; Prereq: Kin major or instr consent)

47521 001 LEC, 11:15-12:30 TTh, Keller Hall 3-230, In Person Term Based; Frank Koslucher ; 3 cr.

3135 Introduction to Motor Learning and Control

(A-F or Audit;)

47284 001 LEC, 9:05-11:00 F, Armory Building 116, In Person Term Based; Ruth Rath ; 3 cr.
 48076 002 LAB, 8:00- 8:50 M, Cooke Hall 20, In Person Term Based; Christopher Curry ; 3 cr.
 48077 003 LAB, 9:05- 9:55 M, Cooke Hall 20, In Person Term Based; Christopher Curry ; 3 cr.
 48078 004 LAB, 10:10-11:00 M, Cooke Hall 20, In Person Term Based; Christopher Curry ; 3 cr.
 48079 010 LEC, 9:05-11:00 W, Nicholson Hall 125, In Person Term Based; Ruth Rath ; 3 cr.
 48080 011 LAB, 11:15-12:05 M, Cooke Hall 20, In Person Term Based; Christopher Curry ; 3 cr.
 48081 012 LAB, 12:20-13:10 M, Cooke Hall 20, In Person Term Based; Christopher Curry ; 3 cr.
 48082 013 LAB, 13:25-14:15 M, Cooke Hall 20, In Person Term Based; Christopher Curry ; 3 cr.

3136 Mental Skills Training for Sport

(A-F only;)

47749 001 LEC, 8:15- 9:30 TTh, Ford Hall 110, In Person Term Based; Kristin Wood ; 3 cr.

3169 Volleyball Coaching Theory and Skill Development

(A-F only; Prereq: [Enrolled in coaching program or KIN major or instr consent], skills sufficient for participating in drills/game/match/contest for demonstration/teaching purposes)

47308 001 LEC, 8:15- 9:55 MW, Cooke Hall 215, In Person Term Based; Vinh Chung ; 2 cr.

3173 Football Coaching Theory and Skill Development

(A-F only; Prereq: [Enrolled in coaching program or KIN major or instr consent], skills sufficient for participating in drills/game/match/contest for demonstration/teaching purposes)

47515 001 LEC, 19:05-20:45 T, Cooke Hall 206, In Person Term Based; Gregory Peterson ; 2 cr.

3178 Tennis Coaching Theory and Skill Development

(A-F only; Prereq: [Enrolled in coaching program or KIN major or instr consent], skills sufficient for participating in drills/game/match/contest for demonstration/teaching purposes)

47864 001 LEC, 9:05-10:45 TTh, Hubert H. Humphrey School 20, In Person Term Based; 2 cr.

3327 Teaching Physical Education in the Elementary School

(A-F only;)

47283 001 LEC, 13:25-15:20 T, University Rec Center 320, In Person Term Based; Carissa Carroll ; 2 cr.
 47400 002 LEC, 13:25-15:20 W, University Rec Center 320, In Person Term Based; Carissa Carroll ; 2 cr.

3385 Human Physiology

(A-F or Audit; Prereq: [[KIN 3027 or ANAT 3001 or ANAT 3601 or ANAT 3611], KIN major] or instr consent)

47748 001 LEC, 11:15-12:30 TTh, Akerman Hall 209, In Person Term Based; Christopher Lundstrom ; 4 cr.
 47785 002 LAB, 13:25-14:15 T, Mariucci Arena 141, In Person Term Based; 4 cr.
 47786 003 LAB, 14:30-15:20 T, Mariucci Arena 141, In Person Term Based; 4 cr.
 48129 004 LAB, 15:35-16:25 T, Mariucci Arena 141, In Person Term Based; 4 cr.

3696 Supervised Practical Experience

(S-N only; Prereq: instr consent)

47301 001 FWK, 00:00-00:00 , , In Person Term Based; Colin Rogness ; 1-10 cr.
 47992 009 FWK, 00:00-00:00 , , In Person Term Based; Tiffany Richardson ; 1-10 cr.
 48087 006 FWK, 00:00-00:00 , , In Person Term Based; Colin Rogness ; 1-10 cr.

3982 Research Methods in Kinesiology

(A-F only; Prereq: Kin major or instr consent)

48316 001 LEC, 14:30-15:45 MW, Cooke Hall 206, In Person Term Based; Sarah Espinoza ; 3 cr.
 48317 002 LEC, 13:00-14:15 MW, Amundson Hall 120, In Person Term Based; Sarah Espinoza ; 3 cr.
 48318 003 LEC, 13:00-14:15 TTh, Cooke Hall 214, In Person Term Based; Hailee Moehnke ; 3 cr.
 48676 004 LEC, 14:30-15:45 TTh, Cooke Hall 215, In Person Term Based; Hailee Moehnke ; 3 cr.

3993 Directed Study in Kinesiology

(A-F only; Prereq: instr consent)

47318 007 IND, 00:00-00:00 , , In Person Term Based; Mary Jo Kane ; 1-10 cr.
 47319 011 IND, 00:00-00:00 , , In Person Term Based; Arthur Leon ; 1-10 cr.
 47320 021 IND, 00:00-00:00 , , In Person Term Based; Michael Wade ; 1-10 cr.
 47321 019 IND, 00:00-00:00 , , In Person Term Based; Thomas Stoffregen ; 1-10 cr.
 47322 025 IND, 00:00-00:00 , , In Person Term Based; Diane Wiese-Bjornstal ; 1-10 cr.
 47490 004 IND, 00:00-00:00 , , In Person Term Based; Donald Dengel ; 1-10 cr.
 47526 002 IND, 00:00-00:00 , , In Person Term Based; Lisa Kihl ; 1-10 cr.
 47776 027 IND, 00:00-00:00 , , In Person Term Based; Nicole LaVoi ; 1-10 cr.
 47811 008 IND, 00:00-00:00 , , In Person Term Based; Juergen Konczak ; 1-10 cr.
 47821 003 IND, 00:00-00:00 , , In Person Term Based; George Biltz ; 1-10 cr.
 47843 023 IND, 00:00-00:00 , , In Person Term Based; Maureen Weiss ; 1-10 cr.
 47850 029 IND, 00:00-00:00 , , In Person Term Based; Beth Lewis ; 1-10 cr.
 48002 035 IND, 00:00-00:00 , , In Person Term Based; Jo Ann Buysse ; 1-10 cr.
 48086 045 IND, 00:00-00:00 , , In Person Term Based; Zan Gao ; 1-10 cr.
 48123 006 IND, 00:00-00:00 , , In Person Term Based; Li Li Ji ; 1-10 cr.
 48208 050 IND, 00:00-00:00 , , In Person Term Based; Tiffany Richardson ; 1-10 cr.
 48367 001 IND, 00:00-00:00 , , In Person Term Based; Daheia Barr-Anderson ; 1-10 cr.
 48368 047 IND, 00:00-00:00 , , In Person Term Based; Yuhei Inoue ; 1-10 cr.
 69205 043 IND, In Person Term Based; Yonghwan Chang ; 1-10 cr.
 69212 005 IND, 00:00-00:00 , , In Person Term Based; Sarah Greising ; 1-10 cr.
 70035 014 IND, In Person Term Based; Christopher Lundstrom ; 1-10 cr.

3993H Directed Study in Kinesiology: Honors
 (A-F only; Prereq: Kin honors, instr consent)
 47753 019 IND, 00:00-00:00 , , In Person Term Based; Thomas Stoffregen ; 1-10 cr.
 47756 004 IND, 00:00-00:00 , , In Person Term Based; Donald Dengel ; 1-10 cr.
 47873 025 IND, 00:00-00:00 , , In Person Term Based; Diane Wiese-Bjornstal ; 1-10 cr.
 48099 003 IND, 00:00-00:00 , , In Person Term Based; George Biltz ; 1-10 cr.
 48100 007 IND, 00:00-00:00 , , In Person Term Based; Mary Jo Kane ; 1-10 cr.
 48101 008 IND, 00:00-00:00 , , In Person Term Based; Juergen Konczak ; 1-10 cr.
 48102 011 IND, 00:00-00:00 , , In Person Term Based; Arthur Leon ; 1-10 cr.
 48103 023 IND, 00:00-00:00 , , In Person Term Based; Maureen Weiss ; 1-10 cr.

48215 006 IND, 00:00-00:00 , , In Person Term Based; Li Li Ji ; 1-10 cr.

4001H Honors Seminar in Kinesiology

(A-F or Audit; Prereq: Kinesiology honors)
47759 001 LEC, 00:00-00:00 , , In Person Term Based; Amanda Frayeh ; 3 cr.

4133 Perceptual-Motor Control and Learning

(A-F or Audit; Prereq: [3112, 3132, 3135, KIN major] or instr consent)
67076 001 LEC, 9:45-11:00 TTh, Akerman Hall 313, In Person Term Based; Thomas Stoffregen ; 3 cr.

4136 Embodied Cognition

(A-F only; Prereq: 3132 or 3135 or instr consent)
47955 001 LEC, 11:15-12:30 TTh, Cooke Hall 215, In Person Term Based; Thomas Stoffregen ; 3 cr.

4214 Health Promotion

(A-F only;)
69101 001 LEC, 9:45-11:00 TTh, Hubert H. Humphrey School 15, In Person Term Based; Daheia Barr-Anderson ; 3 cr.

4385 Exercise Physiology

(A-F only; Prereq: [[3385 or PHSL 3051, or equiv], kin major] or instr consent)

47302 001 LEC, 13:25-14:15 MW, Rapson Hall 100, In Person Term Based; Donald Dengel ; 4 cr.
47401 002 LAB, 8:00- 9:50 W, Mariucci Arena 141, In Person Term Based; ; 4 cr.
47402 004 LAB, 8:00- 9:50 F, Mariucci Arena 141, In Person Term Based; ; 4 cr.
47403 003 LAB, 10:00-11:50 W, Mariucci Arena 141, In Person Term Based; ; 4 cr.
47417 005 LAB, 10:00-11:50 F, Mariucci Arena 141, In Person Term Based; ; 4 cr.
48083 006 LAB, 8:00- 9:50 M, Mariucci Arena 141, In Person Term Based; ; 4 cr.
48345 007 LAB, 10:00-11:50 M, Mariucci Arena 141, In Person Term Based; ; 4 cr.

4441 Movement Neuroscience

(A-F only; Prereq: 3135 or instr consent)
48375 001 LEC, 9:05-11:35 F, Akerman Hall 313, In Person Term Based; Naveen Elangovan ; 3 cr.

4641 Training Theory & Analytics I for Sport Performance

(A-F only; Prereq: [KIN 4385 or exercise physiology course], [upper level undergrad or M.Ed. or grad student])
47991 001 LEC, 11:15-12:30 MW, Akerman Hall 215, In Person Term Based; Zachary Rourke ; 3 cr.

4697 Student Coaching and Seminar

(S-N or Audit; Prereq: [Coaching minor or certificate] student, GPA of at least 2.50)
47868 001 FWK, 18:30-20:00 W, Cooke Hall 214, In Person Term Based; Christopher Lundstrom ; 3 cr.

4741 Training Theory & Analytics 2 for Sport Performance

(A-F only; Prereq: KIN 4641, [upper level undergrad or M.Ed. or grad student])
47867 001 LEC, 16:00-18:30 W, Keller Hall 3-111, In Person Term Based; Zachary Rourke ; 3 cr.

5104 Physical Activities for Persons with Disabilities

(A-F or Audit;)
69176 001 LEC, 16:40-19:10 T, Cooke Hall 214, In Person Term Based; Kathleen Healy ; 3 cr.

5122 Applied Exercise Physiology

(A-F or Audit; Prereq: 4385 or equiv or instr consent)
47773 001 LEC, 17:30-20:00 Th, Akerman Hall 227, In Person Term Based; Sarah Greising ; 3 cr.

5123 Motivational Interventions in Physical Activity

(A-F only; Prereq: 3126W or grad student)
47953 001 LEC, 11:15-12:30 T, Akerman Hall 313, Partially Online; Katie Schuver ; 3 cr.

5125 Advances in Physical Activity and Health

(A-F only;)
69124 001 LEC, 10:15-11:30 F, Bruininks Hal 121, Partially Online; Zan Gao ; 3 cr.

5126 Social Psychology of Sport & Physical Activity

(A-F only; Prereq: 3126W or equiv or grad student or instr consent)
48677 001 LEC, 9:45-11:00 TTh, Cooke Hall 215, In Person Term Based; Maureen Weiss ; 3 cr.

5136 Psychology of Coaching

(Student Option;)
48669 001 LEC, 16:00-18:30 Th, Cooke Hall 214, In Person Term Based; Nicole LaVoi ; 3 cr.

5142 Applied Nutrition for Sport Performance and Optimal Health

(A-F only;)
47775 001 LEC, 17:30-20:00 T, Mariucci Arena 141, In Person Term Based; Jana Dengel ; 3 cr.

5371 Sport and Society

(A-F or Audit; Prereq: [3126W, grad student] or instr consent)
47523 001 LEC, 17:00-19:30 W, Cooke Hall 215, In Person Term Based; Mary Jo Kane ; 3 cr.

5385 Exercise for Healthy Aging & Disease Prevention and Management

(A-F only; Prereq: Physiology or biology undergrad)
47241 001 LEC, 14:30-15:45 TTh, Cooke Hall 206, In Person Term Based; Arthur Leon ; 3 cr.

5601 Sport Management Ethics and Policy

(A-F or Audit; Prereq: MEd or grad student or instr consent)
47524 001 LEC, 16:00-18:30 T, Cooke Hall 206, In Person Term Based; Lisa Kihl ; 3 cr.

5631 Programming and Promotion in Sport

(A-F or Audit; Prereq: Kin or Rec grad student or instr consent)
48389 001 LEC, 16:00-18:30 Th, Cooke Hall 206, In Person Term Based; Yonghwan Chang ; 3 cr.

5643 Applied Motion Capture and Movement Analysis Technology

(A-F only;)
69704 001 LEC, 14:30-15:45 MW, Cooke Hall 20, In Person Term Based; Jessica Holst-Wolf ; 3 cr.

5696 Practicum in Kinesiology

(S-N only; Prereq: [Kin MEd or grad student], instr consent)
47483 011 FWK, 00:00-00:00 , , In Person Term Based; Arthur Leon ; 1-6 cr.
47484 002 FWK, 00:00-00:00 , , In Person Term Based; Lisa Kihl ; 1-6 cr.
47968 021 FWK, 00:00-00:00 , , In Person Term Based; Michael Wade ; 1-6 cr.
70037 014 FWK, In Person Term Based; Christopher Lundstrom ; 1-6 cr.
70257 027 FWK, In Person Term Based; Nicole LaVoi ; 1-6 cr.

5725 Organization and Management of Physical Education and Sport

(A-F only; Prereq: Grad/initial licensure or instr consent)
48026 001 LEC, 14:30-17:00 M, Cooke Hall 214, In Person Term Based; Yuhei Inoue ; 3 cr.

5804 National Collegiate Athletic Association (NCAA) Compliance

(A-F only; Prereq: [Upper div undergrad or grad student] in KIN, instr consent)
48005 001 LEC, 17:15-19:00 M, Akerman Hall 313, In Person Term Based; Jeremiah Carter, Andrew Nelson ; 2 cr.

5992 Readings in Kinesiology

(A-F only; Prereq: [KIN upper div undergrad or MEd or grad student], instr consent)
47334 007 IND, 00:00-00:00 , , In Person Term Based; Mary Jo Kane ; 1-9 cr.
47335 011 IND, 00:00-00:00 , , In Person Term Based; Arthur Leon ; 1-9 cr.
47336 021 IND, 00:00-00:00 , , In Person Term Based; Michael Wade ; 1-9 cr.
47337 019 IND, 00:00-00:00 , , In Person Term Based; Thomas Stoffregen ; 1-9 cr.
47338 025 IND, 00:00-00:00 , , In Person Term Based; Diane Wiese-Bjornstal ; 1-9 cr.
47491 004 IND, 00:00-00:00 , , In Person Term Based; Donald Dengel ; 1-9 cr.

47527 002 IND, 00:00-00:00 , , In Person Term Based; Lisa Kihl ; 1-9 cr.
47777 027 IND, 00:00-00:00 , , In Person Term Based; Nicole LaVoi ; 1-9 cr.
47812 008 IND, 00:00-00:00 , , In Person Term Based; Juergen Konczak ; 1-9 cr.
47844 023 IND, 00:00-00:00 , , In Person Term Based; Maureen Weiss ; 1-9 cr.
47849 029 IND, 00:00-00:00 , , In Person Term Based; Beth Lewis ; 1-9 cr.
48084 035 IND, 00:00-00:00 , , In Person Term Based; Jo Ann Buysse ; 1-9 cr.
48124 006 IND, 00:00-00:00 , , In Person Term Based; Li Li Ji ; 1-9 cr.
48210 045 IND, 00:00-00:00 , , In Person Term Based; Zan Gao ; 1-9 cr.
48369 001 IND, 00:00-00:00 , , In Person Term Based; Daheia Barr-Anderson ; 1-9 cr.
48370 047 IND, 00:00-00:00 , , In Person Term Based; Yuhei Inoue ; 1-9 cr.
69206 043 IND, In Person Term Based; Yonghwan Chang ; 1-9 cr.
69211 005 IND, In Person Term Based; Sarah Greising ; 1-9 cr.
70034 014 IND, In Person Term Based; Christopher Lundstrom ; 1-9 cr.

5995 Research Problems in Applied Kinesiology

(A-F only; Prereq: [Kin upper div undergrad or MEd or grad student], 15 cr of major coursework [including 4981 or 5981], instr consent)
47324 007 IND, 00:00-00:00 , , In Person Term Based; Mary Jo Kane ; 1-6 cr.
47325 011 IND, 00:00-00:00 , , In Person Term Based; Arthur Leon ; 1-6 cr.
47326 021 IND, 00:00-00:00 , , In Person Term Based; Michael Wade ; 1-6 cr.
47327 019 IND, 00:00-00:00 , , In Person Term Based; Thomas Stoffregen ; 1-6 cr.
47328 025 IND, 00:00-00:00 , , In Person Term Based; Diane Wiese-Bjornstal ; 1-6 cr.
47492 004 IND, 00:00-00:00 , , In Person Term Based; Donald Dengel ; 1-6 cr.
47528 002 IND, 00:00-00:00 , , In Person Term Based; Lisa Kihl ; 1-6 cr.
47778 027 IND, 00:00-00:00 , , In Person Term Based; Nicole LaVoi ; 1-6 cr.
47813 008 IND, 00:00-00:00 , , In Person Term Based; Juergen Konczak ; 1-6 cr.
47845 023 IND, 00:00-00:00 , , In Person Term Based; Maureen Weiss ; 1-6 cr.
47848 029 IND, 00:00-00:00 , , In Person Term Based; Beth Lewis ; 1-6 cr.
47919 016 IND, 00:00-00:00 , , In Person Term Based; Thomas Smith ; 1-6 cr.
47996 035 IND, 00:00-00:00 , , In Person Term Based; Jo Ann Buysse ; 1-6 cr.
48125 006 IND, 00:00-00:00 , , In Person Term Based; Li Li Ji ; 1-6 cr.
48212 045 IND, 00:00-00:00 , , In Person Term Based; Zan Gao ; 1-6 cr.
48371 001 IND, 00:00-00:00 , , In Person Term Based; Daheia Barr-Anderson ; 1-6 cr.
48372 047 IND, 00:00-00:00 , , In Person Term Based; Yuhei Inoue ; 1-6 cr.
69207 043 IND, In Person Term Based; Yonghwan Chang ; 1-6 cr.
69210 005 IND, In Person Term Based; Sarah Greising ; 1-6 cr.
70036 014 IND, In Person Term Based; Christopher Lundstrom ; 1-6 cr.
70529 050 IND, In Person Term Based; Tiffany Richardson ; 1-6 cr.

8135 Seminar: Motor Control and Learning

(A-F or Audit; Prereq: grad student or instr consent)
69307 001 LEC, 14:30-17:00 T, Cooke Hall 20, In Person Term Based; Juergen Konczak ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
47440 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
47447 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; Dept consent required; No grade associated; 4 completions allowed; up to 24 combined cr.)

47457 001 IND, In Person Term Based; 1-6 cr.

8696 Internship: Applied Sport Psychology
(S-N or Audit; Prereq: 5126, 8126, Kin PhD student, instr consent)

47522 001 FWK, 00:00-00:00 , , In Person Term Based;
Diane Wiese-Bjornstal ; 3-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
47464 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
47469 001 IND, In Person Term Based; 1-24 cr.

8980 Graduate Research Seminar in Kinesiology

(S-N only; Prereq: KIN M.S. or Ph.D. or SMTG M.A. or instr consent)
47339 001 LEC, 14:30-16:25 M, Wulling Hall 220, In Person Term Based; Zan Gao ; 1 cr.

8995 Research Problems in Kinesiology
(S-N only; Prereq: Kin Ph.D. student or SMTG grad student or instr consent)

47329 007 IND, 00:00-00:00 , , In Person Term Based; Mary Jo Kane ; 1-12 cr.

47330 011 IND, 00:00-00:00 , , In Person Term Based;
Arthur Leon ; 1-12 cr.

47331 021 IND, 00:00-00:00 , , In Person Term Based;
Michael Wade ; 1-12 cr.

47332 019 IND, 00:00-00:00 , , In Person Term Based;
Thomas Stoffregen ; 1-12 cr.

47333 025 IND, 00:00-00:00 , , In Person Term Based; Diane Wiese-Bjornstal ; 1-12 cr.

47493 004 IND, 00:00-00:00 , , In Person Term Based;
Donald Dengel ; 1-12 cr.

47529 002 IND, 00:00-00:00 , , In Person Term Based; Lisa Kihl ; 1-12 cr.

47802 027 IND, 00:00-00:00 , , In Person Term Based;
Nicole LaVoi ; 1-12 cr.

47814 008 IND, 00:00-00:00 , , In Person Term Based;
Juergen Konczak ; 1-12 cr.

47846 023 IND, 00:00-00:00 , , In Person Term Based;
Maureen Weiss ; 1-12 cr.

47847 029 IND, 00:00-00:00 , , In Person Term Based; Beth Lewis ; 1-12 cr.

47916 030 IND, 00:00-00:00 , , In Person Term Based; Jo Ann Buysse ; 1-12 cr.

48214 045 IND, 00:00-00:00 , , In Person Term Based; Zan Gao ; 1-12 cr.

48216 006 IND, 00:00-00:00 , , In Person Term Based; Li Li Ji ; 1-12 cr.

48373 001 IND, 00:00-00:00 , , In Person Term Based;
Daheia Barr-Anderson ; 1-12 cr.

48374 047 IND, 00:00-00:00 , , In Person Term Based; Yuhei Inoue ; 1-12 cr.

69208 043 IND, In Person Term Based; Yonghwan Chang ; 1-12 cr.

69209 005 IND, In Person Term Based; Sarah Greising ; 1-12 cr.

69884 037 IND, In Person Term Based; Tiffany Richardson ; 1-12 cr.

Korean (KOR)

1012 Beginning Korean II

(Student Option; Prereq: 1011)
49792 001 LEC, 9:05-9:55 MTWThF, Folwell Hall 104, In Person Term Based; Meets With: 001 KOR 4002; Bryce Johnson ; 5 cr.

50166 002 LEC, 10:10-11:00 MTWThF, Pillsbury Hall 105, In Person Term Based; Meets With: 002 KOR 4002; Bryce Johnson ; 5 cr.

50167 050 LEC, 18:15-20:35 MW, Folwell Hall 13, In Person Term Based; Meets With: 050 KOR 4002; Inhye Lee ; 5 cr.

51314 003 LEC, 11:15-12:05 MTWThF, Ford Hall 170, In Person Term Based; Meets With: 003 KOR 4002; Bryce Johnson ; 5 cr.

51581 004 LEC, 12:20-13:10 MTWThF, Folwell Hall 103, In Person Term Based; Meets With: 004 KOR 4002; Sugyung Kim ; 5 cr.

69276 005 LEC, 13:25-14:15 MTWThF, Kolthoff Hall 136, In Person Term Based; Meets With: 005 KOR 4002; Fatima Walji Han ; 5 cr.

3022 Intermediate Korean II

(Student Option; Prereq: 3021)
50015 001 LEC, 13:25-14:15 MTWThF, Folwell Hall 120, In Person Term Based; Meets With: 001 KOR 4004; Sugyung Kim ; 5 cr.

51316 050 LEC, 18:15-20:35 TTh, Folwell Hall 30, In Person Term Based; Meets With: 050 KOR 4004; Fatima Walji Han ; 5 cr.

51406 002 LEC, 15:35-16:25 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 002 KOR 4004; Sugyung Kim ; 5 cr.

3032 Third Year Korean II

(Student Option; Prereq: 3031)
50039 001 LEC, 15:35-17:30 MW, Kolthoff Hall 132, In Person Term Based; Meets With: 001 KOR 4006; Inhye Lee ; 4 cr.

3290 Korean Language Teaching Tutorial

(S-N only; Prereq: Grade of A in 3032)
50929 001 FWK, In Person Term Based; Hangtae Cho ; 1 cr.

4002 Beginning Korean II for Graduate Student Research

(Student Option; Prereq: 4001)
50169 050 LEC, 18:15-20:35 MW, Folwell Hall 13, In Person Term Based; Meets With: 050 KOR 1012; Inhye Lee ; 5 cr.

4042 Advanced Readings in Modern Korean II

(Student Option; Prereq: 4041 or equiv or instr consent)
50871 001 DIS, 10:10-12:05 TTh, Appleby Hall 103, In Person Term Based; Hangtae Cho ; 4 cr.

5993 Directed Studies

(Student Option No Audit; Prereq: instr consent, dept consent, college consent)
51492 001 IND, In Person Term Based; Hangtae Cho ; 1-5 cr.

Laboratory Medicine and Path (LAMP)

4177 Nature of Disease: Pathology for Allied Health Students

(Student Option; Prereq: One anatomy course, one physiology course, or instr consent)
58437 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Mary Ramey ; 3 cr.

7114 Surgical Pathology

(H-N only;)
59033 001 ROT, In Person Term Based; 4 cr.
59034 002 ROT, In Person Term Based; 4 cr.
59035 003 ROT, In Person Term Based; 4 cr.
59036 004 ROT, In Person Term Based; 4 cr.

7119 Forensic Pathology

(H-N only;)
59527 001 ROT, In Person Term Based; 4 cr.
59528 002 ROT, In Person Term Based; 4 cr.
59529 003 ROT, In Person Term Based; 4 cr.
59530 004 ROT, In Person Term Based; 4 cr.

7120 Perinatal/Pediatric Pathology

(P-N only;)
68413 001 ROT, In Person Term Based; 4 cr.
68414 002 ROT, In Person Term Based; 4 cr.
68415 003 ROT, In Person Term Based; 4 cr.
68416 004 ROT, In Person Term Based; 4 cr.

7145 Neuropathology

(H-N only;)
59533 001 ROT, In Person Term Based; 4 cr.
59534 002 ROT, In Person Term Based; 4 cr.
59535 003 ROT, In Person Term Based; 4 cr.
59536 004 ROT, In Person Term Based; 4 cr.

7150 Anatomic Pathology

(H-N only;)
59546 001 ROT, In Person Term Based; 4 cr.
59547 002 ROT, In Person Term Based; 4 cr.
59548 003 ROT, In Person Term Based; 4 cr.
59549 004 ROT, In Person Term Based; 4 cr.

7152 Anatomic Pathology-VA

(H-N only;)
58596 003 ROT, In Person Term Based; 4 cr.
59037 002 ROT, In Person Term Based; 4 cr.
59038 001 ROT, In Person Term Based; 4 cr.
68417 004 ROT, In Person Term Based; 4 cr.

7158 Cardiac Pathology

(H-N only;)
58388 031 ROT, In Person Term Based; 2 cr.

59039 032 ROT, In Person Term Based; 2 cr.
59040 022 ROT, In Person Term Based; 2 cr.
59041 012 ROT, In Person Term Based; 2 cr.
59042 041 ROT, In Person Term Based; 2 cr.
59043 042 ROT, In Person Term Based; 2 cr.
59044 011 ROT, In Person Term Based; 2 cr.
59046 021 ROT, In Person Term Based; 2 cr.

7181 Hematopathology

(H-N only;)
58558 002 ROT, In Person Term Based; 4 cr.
59048 003 ROT, In Person Term Based; 4 cr.
59049 001 ROT, In Person Term Based; 4 cr.
68418 004 ROT, In Person Term Based; 4 cr.

7184 Introduction to Transfusion Therapy

(H-N only;)
58495 003 ROT, In Person Term Based; 4 cr.
59050 002 ROT, In Person Term Based; 4 cr.
59052 004 ROT, In Person Term Based; 4 cr.
59057 001 ROT, In Person Term Based; 4 cr.

7186 Laboratory Medicine in a Community Hospital

(H-N only;)
59060 004 ROT, In Person Term Based; 4 cr.
59061 003 ROT, In Person Term Based; 4 cr.
59062 002 ROT, In Person Term Based; 4 cr.
59063 001 ROT, In Person Term Based; 4 cr.

7195 Medical Informatics

(H-N only;)
59066 002 ROT, In Person Term Based; 4 cr.
59069 001 ROT, In Person Term Based; 4 cr.
59072 003 ROT, In Person Term Based; 4 cr.
59073 004 ROT, In Person Term Based; 4 cr.

7910 Laboratory Medicine and Pathology Medical Residency

(No Grade Associated;)
65774 001 FWK, In Person Term Based; 6 cr.

7930 Laboratory Medicine and Pathology Medical Fellowship

(No Grade Associated;)
65775 001 FWK, In Person Term Based; 6 cr.

Land and Atmospheric Science (LAAS)

5051 Thesis Proposal Writing for Land & Atmospheric Science

(A-F or Audit;)
53400 001 DIS, 11:35-13:15 T, Soils S415, In Person Term Based; Tracy Twine ; 2 cr.

5425 Atmospheric Processes I: Thermodynamics and Dynamics of the Atmosphere

(A-F or Audit; Prereq: One yr college-level [calculus, physics])
68340 001 LEC, 13:55-15:05 TTh, Borlaug Hall 375, In Person Term Based; Peter Snyder ; 3 cr.

5426 Atmospheric Processes II: Radiation, Composition, and Climate

(A-F or Audit; Prereq: [one yr college-level [calculus, physics, chemistry]]; LAAS 5425 recommended)
69611 001 LEC, 16:00-17:15 TTh, Soils S415, In Person Term Based; Dylan Millet ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
53025 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
53041 001 IND, In Person Term Based; 1 cr.

8550 Teaching Experience

(S-N or Audit; Prereq: Grad major in soil sci or related field, instr consent)
52950 001 FWK, 00:00-00:00 , , In Person Term Based; 1 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

53074 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

53092 001 IND, In Person Term Based; 1-24 cr.

Landscape Architecture (LA)

1401 The Designed Environment

(A-F or Audit; AH)
46038 001 LEC, 13:00-14:15 MW, Rapson Hall 45, In Person Term Based; Bradley Agee ; 3 cr.
46039 002 DIS, 13:00-14:15 F, Rapson Hall 58, In Person Term Based; Bradley Agee ; 3 cr.
46040 003 DIS, 13:00-14:15 F, Ford Hall 127, In Person Term Based; 3 cr.

1601 Design and Equity

(A-F or Audit; AH,DSJ)
46452 001 LEC, 9:05-12:05 F, Nicholson Hall 35, In Person Term Based; Meets With: 001 LA 3601; Kristine Miller ; 3 cr.

3002 Informants of Creating Landscape Space

(A-F or Audit;)
46003 001 LEC, 9:00-11:00 W, Blegen Hall 110, 9:00-12:30 MF, Ford Hall 115, In Person Term Based; Joseph Favour ; 4 cr.

3004 Regional Environmental Landscape Planning

(Student Option; Prereq: prereq FR 3131 or Concurrent registration is required (or allowed) in FR 3131 or GEOG 3561 or Concurrent registration is required (or allowed) in GEOG 3561, or equivalent)
46140 001 LEC, 15:50-16:40 TTh, Rapson Hall 58, In Person Term Based; Meets With: 001 LA 5004; Samuel Geer ; 4 cr.
46379 002 LAB, 16:55-17:55 TTh, Rapson Hall 33, In Person Term Based; Samuel Geer ; 4 cr.

3204 Holistic Landscape Ecology and Bioregional Practice

(A-F or Audit; Prereq: [[EEB 3001 or ESPM 3108], sr BED major] or equiv)
45972 001 LEC, 9:05-11:35 T, Elliott Hall N119, In Person Term Based; Piero Protti ; 3 cr.

3501 Environmental Design and Its Biological and Physical Context

(A-F or Audit; ENV)
45851 001 LEC, 16:00-17:15 TTh, Cooke Hall 215, In Person Term Based; Tony Chevalier ; 3 cr.

3514 Making the Mississippi

(A-F or Audit; CIV)
45999 001 LAB, 13:00-14:15 MW, Rapson Hall 58, In Person Term Based; Meets With: 001 LA 5514; Matthew Tucker ; 3 cr.

3601 Design and Equity

(A-F or Audit; AH,DSJ)
46456 001 LEC, 9:05-12:05 F, Nicholson Hall 35, In Person Term Based; Meets With: 001 LA 1601; Kristine Miller ; 3 cr.

4096 Internship in Landscape Design and Planning

(S-N only; Prereq: 1301, 2301, 2302, 3001, 3002, 3003)
46141 001 FWK, 00:00-00:00 , , In Person Term Based; Bradley Agee ; 1 cr.

5004 Regional Environmental Landscape Planning

(Student Option; Prereq: PA 5271 or LA 5131 or FR 3131 or GEOG 3561 or GEOG 5561 or equivalent)
46519 001 LAB, 15:50-16:40 TTh, Rapson Hall 58, In Person Term Based; Meets With: 001 LA 3004; Samuel Geer ; 4 cr.
46530 002 LAB, 14:45-15:35 TTh, Rapson Hall 33, In Person Term Based; Samuel Geer ; 4 cr.

5096 Internship for Master of Landscape Architecture Students

(Student Option;)
70070 001 LEC, In Person Term Based; 1-3 cr.

5203 Ecological Dimensions of Space Making

(A-F or Audit; Prereq: LA major or instr consent; recommended for both BED and Grad students)
45871 001 LAB, 14:30-17:30 MWF, Rapson Hall 259, In Person Term Based; Karen Lutsky ; 6 cr.

5204 Metropolitan Landscape Ecology

(A-F only; Prereq: BED accelerated status or LA grad student or instr consent)
45983 001 LAB, 9:05-11:35 T, Elliott Hall N119, In Person Term Based; Piero Protti ; 3 cr.

5377 Representation II

(A-F only; Prereq: Master of Landscape Architecture (MLA) or Accelerated Bachelor of Environmental Design)
46453 001 LAB, 9:00-13:00 Th, Rapson Hall 33, In Person Term Based; Jessica Rossi-Mastracci ; 4 cr.

5401 Directed Studies in Emerging Areas of Landscape Architecture

(Student Option; Prereq: instr consent)
45889 002 IND, 00:00-00:00 , , In Person Term Based; Rebecca Krinke ; 1-3 cr.

5404 Directed Studies in Landscape Architecture Design

(Student Option; Prereq: instr consent)
45913 001 IND, 17:30-20:30 T, Rapson Hall 47, In Person Term Based; Karen Lutsky ; 1-6 cr.
45915 003 IND, 00:00-00:00 , , In Person Term Based; Rebecca Krinke ; 1-6 cr.

5514 Making the Mississippi

(A-F or Audit;)
46146 001 LAB, 13:00-14:15 MW, Rapson Hall 58, In Person Term Based; Meets With: 001 LA 3514; Matthew Tucker ; 3 cr.

5772 Landscape Infrastructure Systems II

(A-F only; Prereq: Master of Landscape Architecture Student, [Accelerated BED Student or instr consent])
46469 001 LAB, 9:45-11:00 MW, Rapson Hall 31, In Person Term Based; Michael Keenan ; 3 cr.
46470 002 LEC, 11:15-12:05 MW, Rapson Hall 259, In Person Term Based; Robert Gunderson ; 3 cr.

8205 Urban Form Options: Landscape Architecture Studio

(Student Option; Prereq: 2 yrs of studio, grad LA major or instr consent)
46000 001 LAB, 14:30-17:30 MWF, Rapson Hall 261, In Person Term Based; Vincent deBritto, Joseph Favour ; 6 cr.
69881 002 LAB, 14:30-17:30 MWF, Pillsbury Hall 105, In Person Term Based; Joseph Favour ; 6 cr.

8302 Professional Practice

(A-F or Audit; Prereq: 8205, grad LA major or instr consent)
45868 001 LEC, 16:00-17:15 TTh, Folwell Hall 120, In Person Term Based; clifton swenson ; 3 cr.

8333 FTE: Masters

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
45968 001 IND, In Person Term Based; 1 cr.

8555 Advanced Landscape Planning and Design

(A-F or Audit; Prereq: 8205, grad land arch major or instr consent)
45850 001 LAB, 14:30-17:30 MF, Rapson Hall 315, In Person Term Based; John Koepke, Rebecca Krinke, ; 6 cr.

8775 Landscape Infrastructure and Site Technology V

(Student Option; Prereq: 8773, 8774 preferred, students outside of Master of Landscape Architecture program are encouraged to enroll upon demonstration of similar pre-requisite coursework and instr consent)
46466 001 LAB, 00:00-00:00 , , In Person Term Based; Matthew Tucker ; 3 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required (Plan A only))
45970 001 IND, In Person Term Based; 1-18 cr.

Language Centr CLA Courseshare (LANG)

1062 Beginning Persian II

(Student Option;)
69531 001 LEC, 8:50- 9:40 MTWTh, Jones Hall 135B, In Person Term Based; 4 cr.

1072 Beginning Polish II

(Student Option;)
69123 001 DIS, 10:10-11:30 TTh, Jones Hall 110D, Partially Online; 4 cr.

1102 Beginning Modern Tibetan II

(Student Option;)
69533 001 LEC, 9:55-10:45 MTWTh, Room TBA, In Person Term Based; 4 cr.

1122 Beginning Vietnamese II

(Student Option;)
52777 001 LEC, Completely Online; 4 cr.

1162 Beginning Hungarian II

(Student Option;)
69679 001 LEC, 9:10-10:00 MTWThF, Jones Hall 110D, In Person Term Based; 4 cr.

2122 Intermediate Vietnamese II

(Student Option;)
69122 001 LEC, Completely Online; 4 cr.

3601 Sami Culture, Yesterday, and Today

(Student Option;)
68922 001 LEC, 13:00-14:15 TTh, Jones Hall 135B, In Person Term Based; 4 cr.

3651 Islamic Studies Seminar: Rumi, Sufi Poet

(Student Option;)
69279 001 LEC, 12:10-15:00 W, Jones Hall 135B, In Person Term Based; 3 cr.

Latin (LAT)

1002 Beginning Latin II

(Student Option; Prereq: Grade of at least C- or S in 1001 or instr consent)
49035 002 LEC, 9:05- 9:55 MTWThF, Folwell Hall 13, In Person Term Based; Anthony Thomas ; 5 cr.
49036 003 LEC, 13:25-14:15 MTWThF, Nicholson Hall 355, In Person Term Based; Stephen Smith ; 5 cr.
49960 001 LEC, 8:00- 8:50 MTWThF, Folwell Hall 122, In Person Term Based; Fade Manley ; 5 cr.

3004 Intermediate Latin Poetry

(Student Option;)
50639 001 LEC, 11:15-12:05 MTWTh, Folwell Hall 10, In Person Term Based; Meets With: 001 LAT 5004; Ethan Osten ; 4 cr.
51376 002 LEC, 14:30-15:20 MTWTh, Folwell Hall 122, In Person Term Based; Meets With: 002 LAT 5004; Stephen Smith ; 4 cr.

3993 Directed Studies

(Student Option; Prereq: instr consent and dept consent)
49047 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

4951W Major Project

(Student Option; Prereq: [Greek-Latin or Latin major], three 3xxx Latin courses, instr consent, dept consentW)
49358 001 IND, 00:00-00:00 , , In Person Term Based; 4 cr.

5004 Intermediate Latin Poetry for Graduate Research

(Student Option;)
50636 001 LEC, 11:15-12:05 MTWTh, Folwell Hall 10, In Person Term Based; Meets With: 001 LAT 3004; Ethan Osten ; 4 cr.
51847 002 LEC, 14:30-15:20 MTWTh, Folwell Hall 122, In Person Term Based; Meets With: 002 LAT 3004; Stephen Smith ; 4 cr.

5200 Advanced Reading in Later Latin

(Student Option; Prereq: [LAT 3004 or equiv], at least two yrs of college level Latin. Must contact Classical and Near Eastern Studies department for permission to register.)
67602 001 LEC, 12:45-14:00 TTh, Nicholson Hall 345, In Person Term Based; Christopher Nappa ; 3 cr.

5701 Latin Prose Composition

(Student Option; Prereq: Grad student or instr consent)
67024 001 LEC, 11:15-12:30 TTh, Folwell Hall 119, In Person Term Based; George Sheets ; 3 cr.

5993 Directed Studies

(Student Option; Prereq: instr consent, dept consent)
49048 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5994 Directed Research

(Student Option; Prereq: Grad student or instr consent)
49050 001 IND, In Person Term Based; 1-12 cr.

5996 Directed Instruction

(Student Option; Prereq: Grad student or instr consent)
49049 001 IND, In Person Term Based; 1-12 cr.

8100 Readings in Latin Prose

(Student Option;)
67025 001 LEC, 16:00-18:00 M, Civil Engineering Bldg 214, In Person Term Based; Spencer Cole ; 3 cr.

Latin American Studies (LAS)

3402W Modern Latin America 1825 to Present

(Student Option; GP,WI,HIS)
50293 001 DIS, 10:10-12:05 MW, Blegen Hall 120, In Person Term Based; Meets With: 001 HIST 3402W; Patrick McNamara ; 4 cr.

Law School (LAW)

3000 Introduction to American Law and Legal Reasoning

(A-F only;)
67184 001 LEC, 9:45-11:00 TTh, Mondale Hall 40, In Person Term Based; Meets With: 001 LAW 5000; Daniel Schwarcz ; 3 cr.

3050 Law of Business Organizations

(A-F only;)
58092 001 LEC, 9:45-11:00 MW, Mondale Hall 40, In Person Term Based; Meets With: 001 LAW 5050; Brett McDonnell ; 3 cr.

5000 Introduction to American Law and Legal Reasoning

(A-F only;)
67185 001 LEC, 9:45-11:00 TTh, Mondale Hall 40, In Person Term Based; Meets With: 001 LAW 3000; Daniel Schwarcz ; 3 cr.

5026 Intellectual Property and Technology Proseminar

(A-F only;)
57973 001 LEC, 16:05-17:35 Th, Mondale Hall 40, In Person Term Based; Meets With: 001 LAW 6926; Christopher Turoski ; 1 cr.

5050 Law of Business Organizations

(A-F only;)
58088 001 LEC, 9:45-11:00 MW, Mondale Hall 40, In Person Term Based; Meets With: 001 LAW 3050; Brett McDonnell ; 3 cr.

5061 Financial Regulation

(Student Option;)
69215 001 LEC, 14:30-15:55 WTh, Mondale Hall 30, In Person Term Based; Meets With: 001 LAW 6061; Brett McDonnell, William Black ; 3 cr.

5075 Ethics for Patent Agents

(A-F only; Prereq: Master of Science Patent Law Students.)
57977 001 LEC, 18:10-20:00 T, Mondale Hall 471, In Person Term Based; Bill Kalweit ; 1 cr.

5103 Data Privacy Law

(A-F only;)
67578 001 LEC, 10:10-11:05 WThF, Mondale Hall 3, 10:10-11:05 T, Mondale Hall 3, In Person Term Based; Meets With: 001 LAW 6103; William McGeveran ; 3 cr.

5232 Patent Prosecution Practice II

(A-F only; Prereq: Master of Science Patent Law Students only.)

57971 001 LEC, 16:05-18:00 W, Mondale Hall 55, In Person Term Based; Meets With: 001 LAW 6232; Steven Shumaker, Kent Sieffert ; 3 cr.

5290 Patent Law Capstone: Innovation

(A-F only;)
57976 001 LEC, 18:10-21:00 W, Mondale Hall 471, In Person Term Based; Meets With: 001 LAW 6490; Christopher Turoski ; 3 cr.

5601 International Business Transactions

(Student Option;)
69218 001 LEC, 9:40-11:05 WTh, Mondale Hall 55, In Person Term Based; Meets With: 001 LAW 6601; Paul Vaaler ; 3 cr.

5608 Trademarks

(Student Option;)
68211 001 LEC, 13:25-14:50 WTh, Mondale Hall 15, In Person Term Based; Meets With: 001 LAW 6608; William McGeveran ; 3 cr.

5707 Intellectual Property Transactions

(A-F only;)
57975 001 LEC, 18:10-20:05 Th, Mondale Hall 45, In Person Term Based; Meets With: 001 LAW 6707; Ryan Strom, Todd Fronck ; 2 cr.

5908 Independent Research and Writing

(Student Option;)
69879 001 IND, In Person Term Based; Paul Vaaler ; 1-2 cr.

6000 First Year Law Coursework

(A-F only;)
57969 001 LEC, In Person Term Based; 13-16 cr.

6001 Contracts

(A-F only;)
67283 001 LEC, 13:25-14:50 MW, Mondale Hall 50, 13:25-14:20 T, Mondale Hall 50, 13:25-14:50 W, Mondale Hall 50, In Person Term Based; Carol Chomsky ; 4 cr.

6003 Legal Research & Writing

(P-F only;)
57840 010 LEC, 9:05-10:00 W, Mondale Hall 50, In Person Term Based; Christopher Soper ; 3 cr.
57841 030 LEC, 9:05-10:00 Th, Mondale Hall 50, In Person Term Based; Christopher Soper ; 3 cr.
57946 011 DIS, 8:00- 8:55 W, Mondale Hall 35, In Person Term Based; Victoria Spichinetsky ; 3 cr.
57947 012 DIS, 8:00- 8:55 W, Mondale Hall 3, In Person Term Based; Emily Mawer ; 3 cr.
57948 013 DIS, 8:00- 8:55 W, Mondale Hall N202, In Person Term Based; Emily McNeel ; 3 cr.
57949 014 DIS, 8:00- 8:55 W, Mondale Hall N204, In Person Term Based; Angela Behrens ; 3 cr.
57950 015 DIS, 8:00- 8:55 W, Mondale Hall N209, In Person Term Based; David Patton ; 3 cr.
57951 021 DIS, 8:00- 8:55 W, Mondale Hall 471, In Person Term Based; Steven Kerbaugh ; 3 cr.
57952 022 DIS, 8:00- 8:55 W, Mondale Hall 473, In Person Term Based; Joelle Larson ; 3 cr.
57953 023 DIS, 8:00- 8:55 W, Mondale Hall 475, In Person Term Based; Beth Stack ; 3 cr.
57954 025 DIS, 8:00- 8:55 W, Mondale Hall 7, In Person Term Based; Nicole Coon ; 3 cr.
57955 031 DIS, 8:00- 8:55 Th, Mondale Hall 55, In Person Term Based; Jen Macaulay ; 3 cr.
57956 032 DIS, 8:00- 8:55 Th, Mondale Hall 3, In Person Term Based; Amanda Porter ; 3 cr.
57957 033 DIS, 8:00- 8:55 Th, Mondale Hall N202, In Person Term Based; Justin Templin ; 3 cr.
57958 034 DIS, 8:00- 8:55 Th, Mondale Hall N204, In Person Term Based; Christopher Renz ; 3 cr.
57959 035 DIS, 8:00- 8:55 Th, Mondale Hall N209, In Person Term Based; Zachary Stephenson ; 3 cr.
57960 041 DIS, 8:00- 8:55 Th, Mondale Hall 471, In Person Term Based; Adam Hansen ; 3 cr.
57961 042 DIS, 8:00- 8:55 Th, Mondale Hall 473, In Person Term Based; David Mortensen ; 3 cr.
57962 043 DIS, 8:00- 8:55 Th, Mondale Hall 475, In Person Term Based; Randall Ryder ; 3 cr.
57963 044 DIS, 8:00- 8:55 Th, Mondale Hall 5, In Person Term Based; Lehoan Pham ; 3 cr.
57964 045 DIS, 8:00- 8:55 Th, Mondale Hall 7, In Person Term Based; Christopher Soper ; 3 cr.
57965 024 DIS, 8:00- 8:55 W, Mondale Hall 5, In Person Term Based; Justin Erickson ; 3 cr.
68197 020 LEC, 9:05-10:00 W, Mondale Hall 30, In Person Term Based; 3 cr.
68198 040 LEC, 9:05-10:00 Th, Mondale Hall 30, In Person Term Based; Christopher Soper ; 3 cr.
69282 016 DIS, 8:00- 8:55 W, Mondale Hall 15, In Person Term Based; Stephen Melchionne ; 3 cr.

69283 026 DIS, 8:00- 8:55 W, Mondale Hall 55, In Person Term Based; Anna Prakash ; 3 cr.
69284 036 DIS, 8:00- 8:55 Th, Mondale Hall 15, In Person Term Based; Garrett Mulrooney ; 3 cr.
69285 046 DIS, 8:00- 8:55 Th, Mondale Hall 30, In Person Term Based; Pamela Chandler ; 3 cr.

6004 Property

(A-F only;)
57843 002 LEC, 13:25-14:20 MTWTh, Mondale Hall 40, 13:25-14:20 W, Mondale Hall 40, In Person Term Based; Ann Burkhardt ; 4 cr.
57844 003 LEC, 13:25-14:20 T, Mondale Hall 55, 13:25-14:50 MW, Mondale Hall 55, In Person Term Based; Judith Younger ; 4 cr.
57912 004 LEC, 13:25-14:20 T, Mondale Hall 35, 13:25-14:50 MW, Mondale Hall 35, In Person Term Based; June Carbone ; 4 cr.

6009 Criminal Law

(A-F only; Prereq: dept consent)
57888 001 LEC, 10:10-11:35 WTh, Mondale Hall 65, In Person Term Based; Michael Tonry ; 3 cr.
57889 002 LEC, 10:10-11:45 WTh, Mondale Hall 20, In Person Term Based; Susanna Blumenthal ; 3 cr.
57890 003 LEC, 10:10-11:45 WTh, Mondale Hall 15, In Person Term Based; Neha Jain ; 3 cr.
58006 004 LEC, 11:15-12:10 WThF, Mondale Hall 55, 11:15-12:10 T, Mondale Hall 55, In Person Term Based; Richard Frase ; 3 cr.

6011 International Law: 1L

(A-F only;)
57914 001 LEC, 9:05-10:30 MT, Mondale Hall 65, 9:05-10:30 W, Mondale Hall 65, In Person Term Based; Meets With: 001 LAW 6071; Fionnuala Ni Aolain ; 3 cr.

6013 Law In Practice: 1L

(P-F only;)
57978 010 LEC, 14:30-16:00 T, Mondale Hall 45, In Person Term Based; Prentiss Cox ; 3 cr.
57979 011 DIS, 8:00-10:00 F, Mondale Hall 471, In Person Term Based; David Schlesinger ; 3 cr.
57980 012 DIS, 8:00-10:00 F, Mondale Hall 5, In Person Term Based; Katherine Bruce ; 3 cr.
57981 013 DIS, 8:00-10:00 F, Mondale Hall 7, In Person Term Based; Manda Serlich ; 3 cr.
57982 014 DIS, 10:10-12:10 F, Mondale Hall 5, In Person Term Based; Portia Hampton-Flowers ; 3 cr.
57983 015 DIS, 10:10-12:10 F, Mondale Hall N202, In Person Term Based; Brendan Flaherty ; 3 cr.
57984 016 DIS, 10:10-12:10 F, Mondale Hall N209, In Person Term Based; Sarah Morris ; 3 cr.
57985 020 LEC, 14:30-16:00 T, Mondale Hall 55, In Person Term Based; Mitchell Zamoff ; 3 cr.
57986 021 DIS, 8:00-10:00 F, Mondale Hall 3, In Person Term Based; Joshua Colburn ; 3 cr.
57987 022 DIS, 8:00-10:00 F, Mondale Hall 473, In Person Term Based; Joseph Windler ; 3 cr.
57988 023 DIS, 8:00-10:00 F, Mondale Hall 475, In Person Term Based; Roshan Rajkumar ; 3 cr.
57989 024 DIS, 10:10-12:10 F, Mondale Hall N204, In Person Term Based; Michael Gilliland ; 3 cr.
57990 025 DIS, 10:10-12:10 F, Mondale Hall 35, In Person Term Based; Patricia Beety ; 3 cr.
57991 026 DIS, 10:10-12:10 F, Mondale Hall 15, In Person Term Based; Bobak Ha'eri ; 3 cr.
57992 030 LEC, 14:30-16:00 T, Mondale Hall 65, In Person Term Based; Randall Ryder ; 3 cr.
57993 031 DIS, 14:30-16:30 Th, Mondale Hall 35, In Person Term Based; 3 cr.
57994 032 DIS, 14:30-16:30 Th, Mondale Hall 3, In Person Term Based; Patricia Perez-Jenkins ; 3 cr.
57995 033 DIS, 14:30-16:30 Th, Mondale Hall 55, In Person Term Based; Michael Reif ; 3 cr.
57996 034 DIS, 16:40-18:40 Th, Mondale Hall 3, In Person Term Based; Paul Jones ; 3 cr.
57997 035 DIS, 16:40-18:40 Th, Mondale Hall 35, In Person Term Based; Amber Brennan ; 3 cr.
57998 036 DIS, 16:40-18:40 Th, Mondale Hall 5, In Person Term Based; 3 cr.
57999 040 LEC, 14:30-16:00 T, Mondale Hall 35, In Person Term Based; Laura Thomas ; 3 cr.
58000 041 DIS, 14:30-16:30 Th, Mondale Hall 7, In Person Term Based; Laura Walvoord ; 3 cr.
58001 042 DIS, 14:30-16:30 Th, Mondale Hall 65, In Person Term Based; Madge Thorsen ; 3 cr.
58002 043 DIS, 14:30-16:30 Th, Mondale Hall 5, In Person Term Based; Michael Unger ; 3 cr.
58003 044 DIS, 16:40-18:40 Th, Mondale Hall 65, In Person Term Based; Anupama Sreekanth ; 3 cr.
58004 045 DIS, 16:40-18:40 Th, Mondale Hall 55, In Person Term Based; Alois Gross ; 3 cr.
58005 046 DIS, 16:40-18:40 Th, Mondale Hall 7, In Person Term Based; Brett Olander ; 3 cr.

6015 Civil Procedure II: 1L

(A-F only;)
57925 001 LEC, 9:05-10:30 MT, Mondale Hall 20, 9:05-10:30 W, Mondale Hall 20, In Person Term Based; Meets With: 001 LAW 6075; Bradley Clary ; 3 cr.
57925 001 LEC, 9:05-10:30 MT, Mondale Hall 20, 9:05-10:30 W, Mondale Hall 20, In Person Term Based; Meets With: 001 LAW 6075; Bradley Clary ; 3 cr.

6016 Essentials of Business for Lawyers

(A-F only;)
58077 001 LEC, 9:05-10:30 MT, Mondale Hall 35, 9:05-10:30 W, Mondale Hall 35, In Person Term Based; Meets With: 001 LAW 6076; Charles Meyer, Paul Vaaler ; 3 cr.

6021 LL.M. Legal Writing and Legal Skills I

(A-F only;)
58095 001 LEC, 14:30-15:25 Th, Mondale Hall 471, 16:05-18:00 T, Mondale Hall 45, In Person Term Based; Karen Lundquist ; 3 cr.

6022 LL.M. Legal Writing and Legal Skills II

(A-F only;)
58018 001 LEC, 16:05-18:00 W, Mondale Hall 65, 13:25-14:20 F, Mondale Hall 55, 13:25-14:20 T, Mondale Hall 55, In Person Term Based; Karen Lundquist ; 3 cr.
58019 002 LEC, 16:05-18:00 Th, Mondale Hall 30, 13:25-14:20 F, No Room Required, 13:25-14:20 T, No Room Required, In Person Term Based; Karen Lundquist ; 3 cr.

6024 LL.M. Trial Practice

(A-F only; Prerequisite: LL.M. student)
68319 001 LEC, 18:10-21:00 M, Mondale Hall 180, 18:10-21:00 W, Mondale Hall 180, In Person Term Based; 3 cr.

6025 Wrongful Convictions

(A-F only;)
58023 001 LEC, 15:35-17:30 M, Mondale Hall 475, 15:35-17:30 W, Mondale Hall 475, In Person Term Based; Julie Jonas ; 2 cr.

6028 LL.M. Judicial Observation

(S-N only; Prereq: LL.M. student)
57902 001 FWK, In Person Term Based; Karen Lundquist ; 1-2 cr.

6036 Reproductive Rights

(A-F only;)
57929 001 LEC, 11:15-12:10 MTW, Mondale Hall 45, 11:15-12:10 W, Mondale Hall 45, In Person Term Based; Judith Younger ; 3 cr.

6041 Investment Management Law

(A-F only;)
67340 001 LEC, 16:05-18:00 Th, Mondale Hall N204, In Person Term Based; David Royal ; 2 cr.

6046 Human Trafficking

(A-F only;)
67341 001 LEC, 15:35-17:30 W, Mondale Hall 45, In Person Term Based; Lauren Ryan ; 2 cr.

6051 Business Associations/Corporations

(A-F only;)
58048 001 LEC, 13:25-14:20 MTWTh, Mondale Hall 30, 13:25-14:20 W, Mondale Hall 30, In Person Term Based; Brett McDonnell ; 4 cr.

6055 Advanced Corporate Law

(A-F only;)
67288 001 LEC, 10:10-11:05 MTW, Mondale Hall 30, 10:10-11:05 W, Mondale Hall 30, In Person Term Based; John Matheson ; 3 cr.

6057 Judicial Externship

(P-F only;)
57850 001 LEC, In Person Term Based; Carol Chomsky ; 2-3 cr.

6058 Human Rights Advocacy

(A-F only;)
57931 001 LEC, 14:30-17:15 W, Blegen Hall 210, In Person Term Based; Meets With: 001 GLOS 5403; Barbara Frey ; 3 cr.

6059 Constitutional Law - Theories of**Freedom of Expression**

(A-F only;)
57905 001 LEC, 15:35-18:05 W, Murphy Hall 15, In Person Term Based; Meets With: 001 JOUR 8678; Jane Kirtley ; 3 cr.

6061 Financial Regulation

(A-F only;)
57933 001 LEC, 14:30-15:55 WTh, Mondale Hall 30, In Person Term Based; Meets With: 001 LAW 5061; Brett McDonnell, William Black ; 3 cr.

6062 Energy Law

(A-F only;)
57935 001 LEC, 10:10-11:35 MT, Mondale Hall 15, 10:10-11:35 W, Mondale Hall 15, In Person Term Based; Meets With: 001 LAW 5062; Alexandra Klass ; 3 cr.

6066 Minnesota Law Public Interest

Residency
(A-F only; Prereq: 6219; concurrent enrollment in 6067 required)
58063 001 LEC, 13:25-15:25 Th, Mondale Hall 475, In Person Term Based; Amanda Furst ; 2 cr.

6067 Minnesota Law Public Interest

Residency Externship
(P-F only; Prereq: 6219; concurrent enrollment in 6066 required)
58064 001 FWK, In Person Term Based; Amanda Furst ; 8 cr.

6071 International Law

(A-F only; Prereq: Upper division students only)
57966 001 LEC, 9:05-10:30 MT, Mondale Hall 65, 9:05-10:30 W, Mondale Hall 65, In Person Term Based; Meets With: 001 LAW 6011; Fionnuala Ni Aolain ; 3 cr.

6075 Civil Procedure II

(A-F only; Prereq: Upper division students only)
58007 001 LEC, 9:05-10:30 MT, Mondale Hall 20, 9:05-10:30 W, Mondale Hall 20, In Person Term Based; Meets With: 001 LAW 6015; Bradley Clary ; 3 cr.

6076 Essentials of Business for Lawyers

(A-F only;)
58078 001 LEC, 9:05-10:30 MT, Mondale Hall 35, 9:05-10:30 W, Mondale Hall 35, In Person Term Based; Meets With: 001 LAW 6016; Charles Meyer, Paul Vaaler ; 3 cr.

6078 Legislation and Regulation

(A-F only;)
67287 001 LEC, 9:05-10:30 MT, Mondale Hall 50, 9:05-10:30 W, Mondale Hall 50, In Person Term Based; Meets With: 001 LAW 6018; Kristin Hickman ; 3 cr.
67295 002 LEC, 9:05-10:30 MT, Mondale Hall 55, 9:05-10:30 W, Mondale Hall 55, In Person Term Based; Meets With: 002 LAW 6018; Alan Rozenstein ; 3 cr.

6081 Constitutional Law: 14th Amendment

(A-F only;)
67286 001 LEC, 13:25-14:50 ThF, Mondale Hall 20, 13:25-14:50 T, Mondale Hall 20, In Person Term Based; Jill Hasday ; 3 cr.

6084 Equal Protection and Civil Rights

Acts
(A-F only;)
69562 001 LEC, 10:45-12:10 MT, Mondale Hall 20, 10:45-12:10 W, Mondale Hall 20, In Person Term Based; Myron Orfield ; 3 cr.

6085 Criminal Procedure

(A-F only;)
58008 001 LEC, 10:10-11:35 ThF, Mondale Hall 50, 10:10-11:35 T, Mondale Hall 50, In Person Term Based; JaneAnne Murray ; 3 cr.

6100 Taxation I

(A-F only;)
57861 001 LEC, 8:35-10:00 WTh, Mondale Hall 65, In Person Term Based; Walter Pickhardt ; 3 cr.

6102 Mergers and Acquisitions

(A-F only;)
68101 001 LEC, 8:35-10:00 MT, Mondale Hall 45, 8:35-10:00 W, Mondale Hall 45, In Person Term Based; Claire Hill ; 3 cr.

6103 Data Privacy Law

(A-F only;)
57934 001 LEC, 10:10-11:05 WThF, Mondale Hall 3, 10:10-11:05 T, Mondale Hall 3, In Person Term Based; Meets With: 001 LAW 5103; William McGeveran ; 3 cr.

6114 Partnership Taxation

(A-F only;)
67292 001 LEC, 13:25-14:50 MT, Mondale Hall 20, 13:25-14:50 W, Mondale Hall 20, In Person Term Based; Amy Monahan ; 3 cr.

6115 Civil Litigation: Case Development and Discovery

(A-F only;)
58027 001 LEC, 10:10-12:10 W, Mondale Hall 473, In Person Term Based; Craig Roen ; 2 cr.

6133 Data Compliance Practicum

(S-N only;)
58058 001 LEC, 15:00-15:55 Th, Mondale Hall N204, In Person Term Based; William McGeveran ; 1 cr.

6203 Labor Law

(A-F only;)
69109 001 LEC, 14:30-16:25 M, Mondale Hall 3, 14:30-16:25 W, Mondale Hall 3, In Person Term Based; Thomas Trachsel ; 2 cr.

6211 Federal Securities Regulations

(A-F only;)
57903 001 LEC, 11:15-12:10 MTW, Mondale Hall 50, 11:15-12:10 W, Mondale Hall 50, In Person Term Based; Richard Painter ; 3 cr.

6217 Securities Litigation

(A-F only;)
58066 001 LEC, 13:25-14:20 MTW, Mondale Hall 65, 13:25-14:20 W, Mondale Hall 65, In Person Term Based; Richard Painter ; 3 cr.

6219 Evidence

(A-F only;)
57897 001 LEC, 8:35-10:00 MT, Mondale Hall 30, 8:35-10:00 W, Mondale Hall 30, In Person Term Based; Francis Shen ; 3 cr.
68213 002 LEC, 8:35-10:00 ThF, Mondale Hall 20, 8:35-10:00 T, Mondale Hall 20, In Person Term Based; Mitchell Zamoff ; 3 cr.

6225 Winning Patent Litigation

(A-F only;)
58033 001 LEC, 16:05-18:00 T, Mondale Hall 65, In Person Term Based; Theodore Budd, Timothy Grimsrud, Elizabeth Wright ; 2 cr.

6226 Juvenile Justice

(A-F only;)
67579 001 LEC, 13:25-14:50 WTh, Mondale Hall 45, In Person Term Based; Perry Moriearty ; 3 cr.

6228 American Legal History

(A-F only;)
67563 001 LEC, 13:25-14:50 WTh, Mondale Hall N202, In Person Term Based; Susanna Blumenthal ; 3 cr.

6229 Criminal Process: From Bail to Jail

(A-F only; Prerequisite, prereq: Criminal procedure recommended)
58009 001 LEC, 18:10-19:40 MW, Mondale Hall 473, In Person Term Based; Joseph Thompson ; 3 cr.

6232 Patent Prosecution Practice II

(A-F only;)
57972 001 LEC, 16:05-18:00 W, Mondale Hall 55, In Person Term Based; Meets With: 001 LAW 5232; Steven Shumaker, Kent Sieffert ; 3 cr.

6236 Indian Law

(A-F only;)
58073 001 LEC, 8:35-10:00 ThF, Mondale Hall 45, 8:35-10:00 T, Mondale Hall 45, In Person Term Based; Todd Matha ; 3 cr.

6245 Interviewing, Counseling, and Negotiating

(A-F only;)
57908 001 LEC, 9:05-10:00 M, Mondale Hall 170, 8:00-10:00 W, Mondale Hall 170, 9:05-10:00 W, Mondale Hall 170, In Person Term Based; Elizabeth Shields Thompson ; 3 cr.

6249 Evidence Drafting

(A-F only; Prereq: concurrent registration in 6219)
68214 001 LEC, 10:10-11:05 F, Mondale Hall 20, 10:10-11:05 T, Mondale Hall 20, In Person Term Based; Mitchell Zamoff ; 1 cr.

6413 Family Law Capstone

(A-F only;)
58067 001 LEC, 15:35-18:30 W, Mondale Hall 50, In Person Term Based; Gary Debele ; 3 cr.

6490 Patent Law Capstone: Innovation

(A-F only;)

58020 001 LEC, 18:10-21:00 W, Mondale Hall 471, In Person Term Based; Meets With: 001 LAW 5290; Christopher Turoski ; 3 cr.

6601 International Business Transactions

(A-F only;)

57904 001 LEC, 9:40-11:05 WTh, Mondale Hall 55, In Person Term Based; Meets With: 001 LAW 5601; Paul Vaaler ; 3 cr.

6608 Trademarks

(A-F only;)

67291 001 LEC, 13:25-14:50 WTh, Mondale Hall 15, In Person Term Based; Meets With: 001 LAW 5608; William McGeeveran ; 3 cr.

6609 International Intellectual Property

(A-F only; Prereq: One prior or concurrent intellectual property course.)

68071 001 LEC, 11:15-12:10 MTW, Mondale Hall 35, 11:15-12:10 W, Mondale Hall 35, In Person Term Based; Thomas Cotter ; 3 cr.

6610 Unfair Competition

(A-F only;)

67284 001 LEC, 13:25-14:20 MT, Mondale Hall 5, 13:25-14:20 W, Mondale Hall 5, In Person Term Based; Thomas Cotter ; 2 cr.

6615 Jurisprudence

(A-F only;)

57893 001 LEC, 13:25-14:20 MWF, Mondale Hall 7, 13:25-14:20 T, Mondale Hall 7, In Person Term Based; Meets With: 001 PHIL 5415; Brian Bix ; 3 cr.

6618 Trial Practice

(A-F only;)

57862 001 LEC, 18:10-21:00 M, Mondale Hall 170, 18:10-21:00 W, Mondale Hall 170, In Person Term Based; Kevin Burke ; 3 cr.

57863 002 LEC, 18:10-21:00 T, Mondale Hall 170, In Person Term Based; Andrew Dunne, Fred Karasov ; 3 cr.

68106 003 LEC, 18:10-21:00 Th, Mondale Hall 170, In Person Term Based; 3 cr.

68212 004 LEC, 18:10-21:00 Th, Mondale Hall 180, In Person Term Based; 3 cr.

6621 Civil Rights: Citizenship and Human Rights

(A-F only;)

57928 001 LEC, 16:05-19:00 Th, Mondale Hall N209, In Person Term Based; Christopher Roberts ; 3 cr.

6622 International Business Operation and Negotiation

(A-F only;)

67335 001 LEC, 13:25-14:20 WThF, Mondale Hall 3, 13:25-14:20 T, Mondale Hall 3, In Person Term Based; Gilles Guyot ; 3 cr.

6623 Integrative Leadership: From Theory to Practice

(A-F only;)

57968 001 LEC, In Person Term Based; Meets With: 001 OLPD 6402060 MGMT 6402001 PA 5105001 PUBH 6702; 3 cr.

6626 Complex and Cross-Cultural Negotiations

(A-F only;)

58026 001 LEC, 8:00-17:00 F, Carlson School of Mgmt 1-149, 8:00-17:00 F, Carlson School of Mgmt 1-149, 8:00-17:00 F, Carlson School of Mgmt 1-149, In Person Term Based; Meets With: 050 MGMT 6035; Paul Vaaler ; 2 cr.

6628 Advanced Trial Practice

(A-F only;)

57868 001 LEC, 18:10-21:00 W, Mondale Hall 180, 18:10-21:00 W, Mondale Hall 170, In Person Term Based; Craig Roen, Christian Wilton ; 3 cr.

6636 European Human Rights Law

(A-F only;)

67343 001 LEC, 13:25-15:25 M, Mondale Hall N202, 13:25-15:25 W, Mondale Hall N202, In Person Term Based; Fionnuala Ni Aolain ; 2 cr.

6637 Business and Human Rights

(A-F only;)

68302 001 LEC, 15:35-17:30 M, Mondale Hall 471, 15:35-17:30 W, Mondale Hall 471, In Person Term Based; Jennifer Green ; 2 cr.

6642 Consumer Protection Law

(A-F only;)

58094 001 LEC, 10:10-11:05 MTW, Mondale Hall 45, 10:10-11:05 W, Mondale Hall 45, In Person Term Based; Ann Burkhart ; 3 cr.

6644 Economic Analysis of Law

(A-F only;)

58056 001 LEC, 16:05-19:00 Th, Mondale Hall N202, In Person Term Based; Francesco Parisi ; 3 cr.

6648 International Criminal Law

(A-F only;)

58013 001 LEC, 13:25-14:50 TTh, Mondale Hall 473, In Person Term Based; Neha Jain ; 3 cr.

6650 Advanced Administrative Law

(A-F only;)

67782 001 LEC, 13:25-14:50 MT, Mondale Hall 15, 13:25-14:50 W, Mondale Hall 15, In Person Term Based; Kristin Hickman ; 3 cr.

6661 Professional Responsibility - General

(A-F only;)

57860 001 LEC, 8:00- 8:55 MTW, Mondale Hall 50, 8:00- 8:55 W, Mondale Hall 50, In Person Term Based; David Schultz ; 3 cr.

6663 Professional Responsibility - Civil Trial Lawyer

(A-F only;)

58090 001 LEC, 10:10-11:35 ThF, Mondale Hall 45, 10:10-11:35 T, Mondale Hall 45, In Person Term Based; Martin Cole ; 3 cr.

6707 Intellectual Property Transactions

(A-F only;)

58012 001 LEC, 18:10-20:05 Th, Mondale Hall 45, In Person Term Based; Meets With: 001 LAW 5707; Ryan Strom, Todd Fronck ; 2 cr.

6709 Current Agriculture-Environment Issues

(A-F only;)

58093 001 LEC, 15:35-17:30 W, Mondale Hall 473, In Person Term Based; James Carpenter, David Minge ; 2 cr.

6711 National Security Cases in Federal Courts

(A-F only;)

67334 001 LEC, 18:10-20:00 M, Mondale Hall 471, 18:10-20:00 W, Mondale Hall 471, In Person Term Based; John Docherty ; 2 cr.

6714 E-Discovery

(A-F only;)

58017 001 LEC, 15:35-17:30 M, Mondale Hall 45, 15:35-17:30 W, Mondale Hall 45, In Person Term Based; Brian Clark, George Norris ; 2 cr.

6718 Immigration and Criminal Law: Immigration Consequences of Crimes and Criminalizing Migration

(A-F only;)

58097 001 LEC, 15:35-17:30 M, Mondale Hall N204, 15:35-17:30 W, Mondale Hall N204, In Person Term Based; Linus Chan ; 2 cr.

6721 Corporate Bankruptcy

(A-F only;)

68759 001 LEC, 14:30-15:25 MT, Mondale Hall 40, 14:30-15:25 W, Mondale Hall 40, In Person Term Based; Adam Ballinger ; 2 cr.

6800 International Contracts

(A-F only;)

58072 001 LEC, 15:05-18:00 T, Mondale Hall 180, In Person Term Based; Daniel Kennedy ; 3 cr.

6808 Street Law

(A-F only;)

58070 001 LEC, 16:05-18:00 Th, Mondale Hall 475, In Person Term Based; Jennifer Bloom, JoEllen Ambrose ; 2 cr.

6817 Practical Estate Planning

(A-F only;)

58071 001 LEC, 15:35-17:30 M, Mondale Hall 5, 15:35-17:30 W, Mondale Hall 5, In Person Term Based; Bronwen Cound ; 2 cr.

6818 White Collar/Corporate Crime

(A-F only;)

67337 001 LEC, 16:30-18:30 Th, Mondale Hall 50, In Person Term Based; Andrew Mohring ; 2 cr.

6819 Litigation Finance

(A-F only;)

67623 001 LEC, 16:05-18:00 Th, Mondale Hall 471, In Person Term Based; Michael Abts ; 2 cr.

6824 Genetics and Assisted Reproduction: Law and Ethics

(A-F only;)

57924 001 LEC, 15:35-17:30 W, Mondale Hall N209, In Person Term Based; Meets With: 001 GCD 8920004 BTHX 8000; June Carbone, Brian Van Ness ; 2 cr.

6827 Women's International Human Rights

(A-F only;)

57970 001 LEC, 10:10-12:10 Th, Mondale Hall 473, In Person Term Based; Marsha Freeman ; 2 cr.

6830 Corporate Counsel

(A-F only;)

67580 001 LEC, 16:05-18:00 Th, Mondale Hall 45, In Person Term Based; David Fisher, Niel Willardson, John Yanish ; 2 cr.

6832 Cybercrime and Cybersecurity

(A-F only; Prerequisite.)

58016 001 LEC, 16:05-18:00 T, Mondale Hall 55, In Person Term Based; Alan Rozenstein ; 2 cr.

6837 Contract Drafting

(A-F only;)

57910 001 LEC, 15:35-17:30 M, Mondale Hall 65, 15:35-17:30 W, Mondale Hall 65, In Person Term Based; James Cownie ; 2 cr.

57920 002 LEC, 15:35-17:30 W, Mondale Hall 35, In Person Term Based; David Fisher ; 2 cr.

58076 003 LEC, 15:35-17:30 W, Mondale Hall 475, In Person Term Based; Helen Winder ; 2 cr.

70053 004 LEC, 15:35-17:30 M, Mondale Hall 15, 15:35-17:30 W, Mondale Hall 15, In Person Term Based; Lyndsey Olson ; 2 cr.

6844 Advanced Real Estate Transactions

(A-F only;)

58014 001 LEC, 16:30-18:30 T, Mondale Hall 35, In Person Term Based; Paul Moe ; 2 cr.

6845 Employment and Family-Based Immigration Law

(A-F only;)

67406 001 LEC, 16:05-18:00 Th, Mondale Hall 20, In Person Term Based; Howard Myers, Sarah Peterson Stensrud ; 2 cr.

6846 Philosophy of Punishment

(A-F only;)

57940 001 LEC, 16:05-19:05 W, Mondale Hall N204, In Person Term Based; Michael Tonry ; 3 cr.

6848 Appellate Advocacy

(A-F only;)

58085 001 LEC, 18:10-20:00 T, Mondale Hall 473, In Person Term Based; Steven Wells, Timothy Droske ; 2 cr.

6857 Corporate Tax

(A-F only;)

58080 001 LEC, 8:00- 9:25 MT, Mondale Hall 15, 8:00- 9:25 W, Mondale Hall 15, In Person Term Based; 3 cr.

6861 International Law Workshop

(A-F only;)

58057 001 LEC, 15:35-17:30 W, Mondale Hall 5, In Person Term Based; Neha Jain ; 2 cr.

6863 Public Choice and Regulation

(A-F only;)

69597 001 LEC, 15:35-17:30 M, Mondale Hall 473, 15:35-17:30 W, Mondale Hall 473, In Person Term Based; Francesco Parisi ; 2 cr.

6865 Law and Economics Workshop

(A-F only;)

58065 001 LEC, 15:35-17:30 M, Mondale Hall 7, 15:35-17:30 W, Mondale Hall 7, In Person Term Based; Claire Hill ; 2 cr.

6866 Sex Discrimination

(A-F only;)

58055 001 LEC, 16:05-18:00 Th, Mondale Hall 473, In Person Term Based; Jill Hasday ; 2 cr.

6867 Practice Ready International Legal Research

(A-F only;)
58091 001 LEC, 15:35-17:30 M, Mondale Hall 55,
15:35-17:30 W, Mondale Hall 55, In Person Term Based;
Loren Turner ; 2 cr.

6868 Sentencing Advocacy

(A-F only; Prereq: Law 6085 Criminal Procedure or Law
6229 Criminal Process: From Bail to Jail)
68130 001 LEC, 16:05-18:00 Th, Mondale Hall 180, In
Person Term Based; JaneAnne Murray ; 2 cr.

6876 Digital Evidence

(A-F only;)
68072 001 LEC, 15:35-17:30 T, Mondale Hall 3, In Person
Term Based; Michael Hannon ; 2 cr.

6880 Campaign Finance and Election Law

(A-F only;)
67336 001 LEC, 15:35-17:30 W, Mondale Hall 40, In Person
Term Based; Rondell LeBeau II ; 2 cr.

6885 Advanced Environmental Law

(A-F only;)
67338 001 LEC, 16:05-18:00 T, Mondale Hall 7, In Person
Term Based; Charles Nauen, David Zoll ; 2 cr.

6887 Law of International Organizations

(A-F only;)
58074 001 LEC, 16:05-18:00 T, Mondale Hall N209, In
Person Term Based; Cheryl Krusen ; 2 cr.

6888 Creative Legal Reasoning

(P-F only;)
58015 001 LEC, 16:05-18:00 Th, Mondale Hall 170, In
Person Term Based; Charles Frohman ; 1 cr.

6890 Rule by Law in China: An Advanced Seminar

(A-F only;)
58022 001 LEC, 15:35-17:30 M, Mondale Hall N209,
15:35-17:30 W, Mondale Hall N209, In Person Term
Based; Chang Wang ; 2 cr.

6892 Comparative Criminal Procedure

(A-F only;)
58062 001 LEC, 15:35-18:35 T, Mondale Hall N204, In
Person Term Based; Michael Tonry ; 3 cr.

6898 International Bankruptcy

(A-F only; Prerequisites that must be satisfied before
an insolvency case can be filed, whether an automatic
stay of collection and other proceedings exists, how
the case is administered (judicial, administrative
or other), and whether the system is focused on
liquidation or permits reorganization. We will then turn
to ?Managing Cross-Border Cases.? We will devote
two sessions to the European Union's insolvency
regulation that co-ordinates insolvency proceedings
pending in EU nations. Four sessions will analyze
chapter 15 of the U.S. Bankruptcy Code. Chapter 15
facilitates cooperation among courts in countries in
which related insolvency proceedings are pending.
Our final session will focus on the use of chapter 11 by
foreign entities.)
67544 001 LEC, 17:40-19:40 T, Mondale Hall 262, In Person
Term Based; James Baillie, Christopher Soper ; 2 cr.

6919 Health Care Fraud and Abuse

(A-F only;)
58082 001 LEC, 16:05-18:00 T, Mondale Hall 473, In Person
Term Based; Vanessa Laird, Stephen Warch, Sheva
Sanders ; 2 cr.

6921 Refugee and Asylum Law

(A-F only; Prereq: recommended Law 6011/6071
International Law and Law 6886 Intl Human Rights
Law)
69188 001 LEC, 16:05-18:00 T, Mondale Hall 15, In Person
Term Based; Stephen Meili, Hanna Stern ; 2 cr.

6926 Intellectual Property and Technology Proseminar

(A-F only;)
57974 001 LEC, 16:05-17:35 Th, Mondale Hall 40, In Person
Term Based; Meets With: 001 LAW 5026; Christopher
Turoski ; 1 cr.

6928 Cooperative Lawyering and Problem Solving Courts: Lawyers as Peacemakers

(P-F only;)
67339 001 LEC, 16:05-18:00 T, Mondale Hall 471, In Person
Term Based; Bruce Peterson ; 2 cr.

6948 Sports Concussions and the Law: Neuroscience and Liability

(A-F only;)
69189 001 LEC, 15:35-17:30 M, Mondale Hall N202,
15:35-17:30 W, Mondale Hall N202, In Person Term
Based; Francis Shen ; 2 cr.

6949 Biotechnology & Patent Law

(A-F only;)
58084 001 LEC, 18:10-20:05 M, Mondale Hall 45,
18:10-20:05 W, Mondale Hall 45, In Person Term Based;
James Finn III, Teresa Lavoie ; 2 cr.

6960 Judicial Writing

(A-F only;)
67296 001 LEC, 16:05-18:00 Th, Mondale Hall 15, In Person
Term Based; Daniel Schwarcz ; 3 cr.

6999 Transfer

(P-F only;)
57892 001 LEC, In Person Term Based; 1-50 cr.

7000 CL: Civil Practice

(A-F only;)
57865 001 FWK, In Person Term Based; Jean Sanderson,
Laura Thomas ; 3-4 cr.

7001 CL: Civil Practice Director

(A-F only; Prereq: dept consent)
57869 001 LEC, In Person Term Based; Jean Sanderson,
Laura Thomas ; 3 cr.

7003 Seminar: Student Legal Writing

Instructor
(A-F only;)
57909 001 LEC, 8:00- 8:55 W, No Room Required, In Person
Term Based; Christopher Soper ; 2 cr.
68088 002 LEC, 8:00- 8:55 Th, No Room Required, In
Person Term Based; Christopher Soper ; 2 cr.
68089 003 LEC, In Person Term Based; Karen Lundquist ; 2
cr.

7004 Seminar: Structured Study Group

Instructors
(S-N only;)
57911 001 LEC, 14:30-15:25 M, Mondale Hall 473,
14:30-15:25 W, Mondale Hall 473, In Person Term Based;
Carol Chomsky, Erin Keyes, Noelle Noonan ; 2 cr.

7008 CL: Insurance Law

(A-F only;)
58025 001 FWK, 15:35-17:30 W, Mondale Hall 170, In
Person Term Based; Meets With: 001 LAW 7009; Richard
Allyn ; 2-3 cr.

7009 CL: Insurance Law Directors

(A-F only;)
58037 001 FWK, 15:35-17:30 W, Mondale Hall 170, In
Person Term Based; Meets With: 001 LAW 7008; Richard
Allyn ; 2-3 cr.

7010 CL: Innocence

(A-F only;)
57900 001 FWK, 15:35-17:30 W, Mondale Hall 15, In Person
Term Based; Julie Jonas ; 3 cr.

7012 CL: Environment and Energy Law

(A-F only;)
57922 001 FWK, 16:05-18:00 T, Mondale Hall 5, In Person
Term Based; Ellen Anderson, Kevin Lee ; 3 cr.

7013 CL: Environment and Energy Law Directors

(A-F only;)
57926 001 FWK, In Person Term Based; Ellen Anderson,
Kevin Lee ; 2-3 cr.

7018 Intercollegiate Trial Team

(A-F only; Prereq: Trial practice)
57907 001 LEC, In Person Term Based; Craig Roen, Craig
Buske ; 2 cr.

7025 NAAC/ABA Competition Team

(A-F only;)
57870 001 LEC, 18:00-21:00 T, Mondale Hall 180, In Person
Term Based; Chad Pennington ; 1 cr.

7028 Thurgood Marshall Competition Team

(A-F only; Prereq: Students must be enrolled in LAW
7055 Civil Rights/Civil Liberties Moot Court.)
69662 001 LEC, In Person Term Based; Bahram Samie,
Surya Saxena ; 1 cr.

7030 CL: Consumer Protection

(A-F only;)
57943 001 FWK, In Person Term Based; Meets With: 001
LAW 7031; Prentiss Cox ; 3-4 cr.

7031 CL: Consumer Protection Directors

(A-F only;)
57944 001 FWK, In Person Term Based; Meets With: 001
LAW 7030; Prentiss Cox ; 3 cr.

7035 Environmental Law Moot Court

(A-F only; Prereq: dept consent)
57847 001 LEC, 12:15-13:10 W, Mondale Hall 15, In Person
Term Based; Collette Adkins ; 1 cr.

7036 Environmental Law Moot Court

Director
(A-F only; Prereq: dept consent)
57871 001 LEC, In Person Term Based; Collette Adkins ; 1
cr.

7040 CL: Community Mediation

(A-F only;)
58029 001 FWK, In Person Term Based; Elise Chambers,
Dawn Zugay ; 3 cr.

7041 CL: Community Mediation Directors

(A-F only;)
58030 001 FWK, In Person Term Based; Elise Chambers,
Dawn Zugay ; 2-3 cr.

7042 CL: Federal Immigration Litigation

(A-F only;)
58040 001 FWK, 15:35-17:30 W, Mondale Hall 7, In Person
Term Based; Ben Casper, Stacy Taeuber ; 3-4 cr.

7043 CL: Federal Immigration Litigation

Director
(A-F only;)
57942 001 LEC, In Person Term Based; Ben Casper, Stacy
Taeuber ; 3 cr.

7045 ABA Journal of Labor and Employment Law Editors

(S-N only; Prereq: 3rd yr, dept consent)
57864 001 LEC, In Person Term Based; Laura Cooper,
Stephen Befort ; 2 cr.

7055 Civil Rights/Civil Liberties Moot Court

(A-F only; Prereq: dept consent)
57856 004 LEC, In Person Term Based; Neal Buethe , ; 1 cr.
57857 005 LEC, In Person Term Based; Paul Dworak ; 1 cr.
57894 006 LEC, In Person Term Based; John Neve ; 1 cr.

7056 Civil Rights/Civil Liberties Moot Court Directors

(A-F only; Prereq: dept consent)
57874 001 LEC, In Person Term Based; Christopher Soper ;
1 cr.

7057 Civil Rights/Civil Liberties Moot Court Research Director

(A-F only; Prereq: dept consent)
57875 001 LEC, In Person Term Based; Christopher Soper ;
1 cr.

7058 Civil Rights/Civil Liberties Moot Court Managing Director

(A-F only;)
57876 001 LEC, In Person Term Based; Christopher Soper ;
1 cr.

7065 National Moot Court

(A-F only; Prereq: dept consent)
57859 001 LEC, In Person Term Based; Kyle Hardwick,
Cicely Miltich ; 1 cr.

7066 National Moot Court Director

(A-F only; Prereq: dept consent)
57877 001 LEC, In Person Term Based; Cicely Miltich, Kyle
Hardwick ; 1 cr.

7067 National Moot Court Administrative Director

(A-F only; Prereq: dept consent)

57878 001 LEC, In Person Term Based; Cicely Miltich, Kyle Hardwick ; 1 cr.

7068 National Moot Court Competition Team

(A-F only; Prereq: Law 6002/6003 and students must have completed or be enrolled in Law 7065)

57879 001 LEC, In Person Term Based; Cicely Miltich, Kyle Hardwick ; 1 cr.

7075 International Moot Court

(A-F only; Prereq: dept consent)

57849 001 LEC, 19:00-20:30 W, Mondale Hall 15, In Person Term Based; Geoffrey Larson ; 1 cr.

7076 International Moot Court Director

(A-F only;)

57880 001 LEC, 18:30-19:00 W, Mondale Hall 15, In Person Term Based; Geoffrey Larson ; 1 cr.

7078 International Moot Court Competition Team

(A-F only; Prereq: Law 6002/6003 and students must have completed or be enrolled in Law 7085)

57887 002 LEC, In Person Term Based; Geoffrey Larson ; 1 cr.

70038 001 LEC, In Person Term Based; Geoffrey Larson ; 1 cr.

7085 Intellectual Property Moot Court

(A-F only; Prereq: dept consent)

57848 001 LEC, 18:35-20:35 T, Mondale Hall 15, In Person Term Based; Emily Wessels, Katherine Muller ; 1 cr.

7086 Intellectual Property Moot Court Competition Team

(A-F only; Prereq: Law 6002/6003 and students must have completed or be enrolled in Law 7085)

57881 001 LEC, In Person Term Based; Katherine Muller, Emily Wessels ; 1 cr.

7087 Intellectual Property Moot Court Director

(A-F only; Prereq: dept consent)

57882 001 LEC, In Person Term Based; Katherine Muller, Emily Wessels ; 1 cr.

7092 CL: Bankruptcy Clinic

(A-F only;)

58041 001 FWK, 16:05-18:00 T, Mondale Hall 475, In Person Term Based; Meets With: 001 LAW 7093; Christopher Wilcox, Clinton Cutler ; 3 cr.

7093 CL: Bankruptcy Clinic Director

(A-F only; Prereq: dept consent)

58042 001 FWK, 16:05-18:00 T, Mondale Hall 475, In Person Term Based; Meets With: 001 LAW 7092; Christopher Wilcox, Clinton Cutler ; 3 cr.

7097 William McGee Civil Rights Moot Court Competition Team

(A-F only;)

57884 001 LEC, In Person Term Based; Christopher Soper ; 1 cr.

7098 CL: Indian Child Welfare Act

(A-F only;)

58043 001 FWK, In Person Term Based; Perry Moriearty, Jean Sanderson, Shannon Smith ; 3-4 cr.

7099 CL: Indian Child Welfare Clinic Director

(A-F only; Prereq: dept consent)

58044 001 FWK, In Person Term Based; Jean Sanderson, Perry Moriearty, Shannon Smith ; 3 cr.

7100 Law Review Editors

(S-N only; Prereq: instr consent)

57852 001 LEC, In Person Term Based; Kristin Hickman ; 2 cr.

7102 Law Review: Research & Writing

(P-F only;)

57917 001 LEC, In Person Term Based; Kristin Hickman ; 1 cr.

68688 002 LEC, In Person Term Based; Brian Bix ; 1 cr.

68689 003 LEC, In Person Term Based; Susanna Blumenthal ; 1 cr.

68690 004 LEC, In Person Term Based; Ann Burkhardt ; 1 cr.

68691 005 LEC, In Person Term Based; Bradley Clary ; 1 cr.

68692 006 LEC, In Person Term Based; Prentiss Cox ; 1 cr.

68693 007 LEC, In Person Term Based; Allan Erbsen ; 1 cr.

68694 008 LEC, In Person Term Based; Richard Frase ; 1 cr.

68695 009 LEC, In Person Term Based; Garry Jenkins ; 1 cr.

68696 010 LEC, In Person Term Based; John Matheson ; 1 cr.

68697 011 LEC, In Person Term Based; Brett McDonnell ; 1 cr.

68698 012 LEC, In Person Term Based; William McGeveran ; 1 cr.

68699 013 LEC, In Person Term Based; Amy Monahan ; 1 cr.

68700 014 LEC, In Person Term Based; Pery Moriearty ; 1 cr.

68701 015 LEC, In Person Term Based; Richard Painter ; 1 cr.

68702 016 LEC, In Person Term Based; Christopher Roberts ; 1 cr.

68703 017 LEC, In Person Term Based; Daniel Schwarcz ; 1 cr.

69497 018 LEC, In Person Term Based; Ben Casper ; 1 cr.

69498 019 LEC, In Person Term Based; Linus Chan ; 1 cr.

69499 020 LEC, In Person Term Based; Thomas Cotter ; 1 cr.

69500 021 LEC, In Person Term Based; Herbert Kritzer ; 1 cr.

7117 CL: Civil Rights Enforcement

(A-F only;)

58028 001 FWK, 12:00-14:00 M, No Room Required, 12:00-14:00 W, No Room Required, In Person Term Based; Bahram Samie, Ana Voss, Gregory Brooker ; 2-3 cr.

7200 Law and Inequality Journal Editor

(S-N only; Prereq: instr consent)

57851 001 LEC, In Person Term Based; June Carbone ; 2 cr.

7202 Law & Inequality Journal: Research & Writing

(P-F only;)

57918 001 LEC, In Person Term Based; June Carbone ; 1 cr.

68704 002 LEC, In Person Term Based; Carol Chomsky ; 1 cr.

68705 003 LEC, In Person Term Based; JaneAnne Murray ; 1 cr.

68706 004 LEC, In Person Term Based; Myron Orfield ; 1 cr.

7300 Minnesota Journal of International Law Editor

(S-N only;)

57858 001 LEC, In Person Term Based; Oren Gross ; 2 cr.

7302 Journal of International Law: Research & Writing

(P-F only;)

57916 001 LEC, In Person Term Based; Oren Gross ; 1 cr.

68671 002 LEC, In Person Term Based; Marsha Freeman ; 1 cr.

68672 003 LEC, In Person Term Based; Jennifer Green ; 1 cr.

68673 004 LEC, In Person Term Based; Jill Hasday ; 1 cr.

68674 005 LEC, In Person Term Based; Claire Hill ; 1 cr.

68675 006 LEC, In Person Term Based; Amanda Lyons Bolivar ; 1 cr.

68676 007 LEC, In Person Term Based; Stephen Meili ; 1 cr.

68677 008 LEC, In Person Term Based; Fionnuala Ni Aolain ; 1 cr.

68678 009 LEC, In Person Term Based; Christopher Soper ; 1 cr.

68679 010 LEC, In Person Term Based; Paul Vaaler ; 1 cr.

69595 011 LEC, In Person Term Based; Francesco Parisi ; 1 cr.

7400 CL: Human Rights Litigation and International Legal Advocacy

(A-F only;)

57921 001 FWK, In Person Term Based; Jennifer Green ; 3-4 cr.

7401 CL: Human Rights Litigation and International Legal Advocacy Directors

(A-F only; Prereq: dept consent)

57923 001 FWK, In Person Term Based; Jennifer Green ; 3 cr.

7420 CL: Family Law

(A-F only;)

58038 001 FWK, In Person Term Based; Laura Thomas ; 3-4 cr.

7421 CL: Family Law Directors

(A-F only;)

58039 001 FWK, In Person Term Based; Laura Thomas ; 3 cr.

7500 CL: Criminal Defense

(A-F only;)

68105 001 FWK, 15:35-17:30 MW, Mondale Hall 180, In Person Term Based; Meets With: 001 LAW 7501; Mary Moriarty ; 2 cr.

7501 CL: Criminal Defense Directors

(A-F only; Prereq: dept consent)

67686 001 FWK, 15:35-17:30 MW, Mondale Hall 180, In Person Term Based; Meets With: 001 LAW 7500; Mary Moriarty ; 2 cr.

7572 CL: Federal Defense

(A-F only; Prereq: LAW 6085 Criminal Procedure (formerly LAW 6218) and LAW 6009 Criminal Law and LAW 6219 Evidence. LAW 6219 Evidence may be taken concurrently. NOTE: This course requires certification pursuant to the student practice rule and is open to JD students only.)

57899 001 FWK, In Person Term Based; Richard Frase ; 3 cr.

7600 Minnesota Journal of Law, Science, and Technology Editor

(S-N only;)

57867 001 LEC, In Person Term Based; Ralph Hall ; 2 cr.

7602 Journal of Law, Science & Technology: Research & Writing

(P-F only;)

57915 001 LEC, In Person Term Based; Ralph Hall ; 1 cr.

68680 002 LEC, In Person Term Based; Thomas Cotter ; 1 cr.

68681 003 LEC, In Person Term Based; Jill Hasday ; 1 cr.

68682 004 LEC, In Person Term Based; Alexandra Klass ; 1 cr.

68683 005 LEC, In Person Term Based; William McGeveran ; 1 cr.

68684 006 LEC, In Person Term Based; Amy Monahan ; 1 cr.

68685 007 LEC, In Person Term Based; Francis Shen ; 1 cr.

68686 008 LEC, In Person Term Based; Susan Wolf ; 1 cr.

68687 009 LEC, In Person Term Based; Mitchell Zamoff ; 1 cr.

68688 010 LEC, In Person Term Based; Susan Wolf ; 1 cr.

68689 011 LEC, In Person Term Based; Mitchell Zamoff ; 1 cr.

7608 Independent Research and Writing

(A-F only;)

70001 001 IND, In Person Term Based; Karen Lundquist ; 1-2 cr.

70002 002 IND, In Person Term Based; Fionnuala Ni Aolain ; 1-2 cr.

70004 003 IND, In Person Term Based; Fred Morrison ; 1-2 cr.

70005 004 IND, In Person Term Based; Fred Morrison ; 1-2 cr.

7609 Independent Field Placement

(S-N only;)

69831 001 FWK, In Person Term Based; Daniel Schwarcz ; 1-3 cr.

69832 002 FWK, In Person Term Based; Laura Thomas ; 1-3 cr.

7621 Immigration Law Field Placement

(S-N only;)

58079 001 FWK, In Person Term Based; Ben Casper, Deepinder Mayell ; 1-3 cr.

7623 Public Interest Field Placement

(P-F only;)

69775 001 FWK, In Person Term Based; Amanda Furst ; 2 cr.

7632 Human Rights Law Field Placement

(P-F only; Prerequisite: Law 6886 International Human Rights Law or Law 6011/6071 International Law.)

68092 001 FWK, In Person Term Based; Amanda Lyons Bolivar ; 2 cr.

7675 CL: Child Advocacy and Juvenile Justice

(A-F only;)

57885 001 FWK, In Person Term Based; Jean Sanderson, Perry Moriearty ; 3-4 cr.

7676 CL: Child Advocacy Director

(A-F only; Prereq: dept consent)

68135 001 FWK, In Person Term Based; Jean Sanderson, Perry Moriearty ; 3 cr.

7700 Off-Campus Legal Studies

(S-N only; Prereq: dept consent)

57891 001 LEC, In Person Term Based; 0-18 cr.

7750 CL: Community Legal Partnership for Health

(A-F only;)

57945 001 FWK, 17:30-19:30 M, No Room Required, 17:30-19:30 W, No Room Required, In Person Term Based; Joanne Flint ; 2-3 cr.

7751 CL: Community Legal Partnership for Health Directors(A-F only;)
58035 001 FWK, In Person Term Based; Joanne Flint ; 2-3 cr.**7842 CL: Immigration and Human Rights**(A-F only;)
58045 001 FWK, 15:35-17:30 W, Mondale Hall N202, In Person Term Based; Emily Good, Stephen Meili ; 3-4 cr.**7843 CL: Immigration Clinic Director**(A-F only; Prereq: dept consent)
58046 001 FWK, In Person Term Based; Stephen Meili, Emily Good ; 3 cr.**7844 CL: Detainee Rights**(A-F only;)
58024 001 FWK, 15:35-17:30 W, Mondale Hall 471, In Person Term Based; Linus Chan, Regina Jefferies ; 3-4 cr.**7845 CL: Detainee Rights Clinic Director**(A-F only;)
58036 001 FWK, In Person Term Based; Linus Chan, Kathy Moccio ; 3 cr.**7860 CL: Business Law**(A-F only;)
58047 001 FWK, 15:35-17:30 M, Mondale Hall 35, 15:35-17:30 W, Mondale Hall 35, In Person Term Based; David Fisher ; 3 cr.**7950 CL: Tax**(A-F only;)
57866 001 FWK, 15:35-17:30 W, Mondale Hall 3, In Person Term Based; Caleb Smith ; 3-4 cr.**7951 CL: Tax Clinic Director**(A-F only; Prereq: dept consent)
57886 001 LEC, In Person Term Based; Caleb Smith ; 3 cr.**8888 Thesis Credit: Doctoral**(No Grade Associated; Prereq: [completion of LL.M. or 24 credits of graduate study])
68111 001 IND, In Person Term Based; 1-24 cr.**Leadership Education (LEAD)****1961W Personal Leadership in the University**(A-F only; WI)
54813 003 LEC, 9:45-11:00 MW, Appleby Hall 102, In Person Term Based; Caitlin Herby ; 3 cr.
54817 004 LEC, 9:45-11:00 MW, Appleby Hall 319, In Person Term Based; Benjamin Burgum ; 3 cr.
54825 010 LEC, 11:15-12:30 TTh, Appleby Hall 102, In Person Term Based; Evonne Bilotta-Burke ; 3 cr.
54829 006 LEC, 9:45-11:00 TTh, Ford Hall 130, In Person Term Based; Anise Mazone ; 3 cr.
54830 013 LEC, 13:00-14:15 TTh, Appleby Hall 102, In Person Term Based; Evonne Bilotta-Burke ; 3 cr.
54831 020 LEC, Completely Online; Brienne Johnson ; 3 cr.
54840 021 LEC, Completely Online; Alyssa Maples ; 3 cr.
54841 016 LEC, 14:30-15:45 TTh, Appleby Hall 102, In Person Term Based; Jeff Stafford ; 3 cr.
54843 002 LEC, 8:15- 9:30 TTh, Appleby Hall 102, In Person Term Based; Brian Long ; 3 cr.
54844 011 LEC, 13:00-14:15 MW, Appleby Hall 102, In Person Term Based; Caitlin Herby ; 3 cr.
54853 022 LEC, Completely Online; Traci Thomas-Card ; 3 cr.
54855 009 LEC, 11:15-12:30 TTh, Wulling Hall 220, In Person Term Based; Amanda Temple ; 3 cr.
54856 008 LEC, 11:15-12:30 MW, Appleby Hall 219, In Person Term Based; Cydney Gaines ; 3 cr.
54864 007 LEC, 11:15-12:30 MW, Blegen Hall 430, In Person Term Based; Simone Gbolo ; 3 cr.
54879 012 LEC, 13:00-14:15 MW, Appleby Hall 11, In Person Term Based; Ben Marcy ; 3 cr.
54891 001 LEC, 8:15- 9:30 MW, Appleby Hall 102, In Person Term Based; Karmit Bulman ; 3 cr.
54892 005 LEC, 9:45-11:00 TTh, Appleby Hall 102, In Person Term Based; Chelsea Garcia ; 3 cr.
54952 017 LEC, 16:00-17:15 MW, Appleby Hall 102, In Person Term Based; Faustina Cuevas ; 3 cr.
67769 018 LEC, 16:00-17:15 TTh, Appleby Hall 102, In Person Term Based; Meagan Hagerty ; 3 cr.
67770 019 LEC, 17:30-20:30 W, Appleby Hall 102, In Person Term Based; Keelin Yenney ; 3 cr.
67771 023 LEC, Completely Online; Crystal Harris ; 3 cr.
68775 025 LEC, 17:30-20:30 M, Appleby Hall 102, In Person Term Based; Marissa Smith ; 3 cr.

69666 026 LEC, 16:00-17:15 TTh, Amundson Hall 156, In Person Term Based; Laura Wiesner ; 3 cr.

3961 Leadership, You, and Your Community(A-F only;)
54812 002 LEC, 9:45-11:00 TTh, Ford Hall 110, In Person Term Based; Ben Marcy ; 3 cr.
54826 006 LEC, 13:00-14:15 TTh, Appleby Hall 3, In Person Term Based; Katie Russell ; 3 cr.
54881 007 LEC, 14:30-15:45 TTh, Appleby Hall 303, In Person Term Based; Jessica Chung ; 3 cr.
54900 003 LEC, 11:15-12:30 MW, Appleby Hall 102, In Person Term Based; Margaret Harris ; 3 cr.
54959 004 LEC, 11:15-12:30 TTh, Appleby Hall 303, In Person Term Based; Margaret Harris ; 3 cr.
67773 001 LEC, 9:45-11:00 MW, Appleby Hall 103, In Person Term Based; Rebecca Bergner ; 3 cr.
69335 008 LEC, 16:00-17:15 MW, Blegen Hall 430, In Person Term Based; Lisa Novack, Simone Gbolo ; 3 cr.**3971 Leadership Minor: Field Experience**(A-F only;)
54875 002 FWK, 9:45-11:00 TTh, Appleby Hall 204, In Person Term Based; Christine Ve Lure Roholt ; 3 cr.
54877 003 FWK, 11:15-12:30 TTh, Appleby Hall 204, In Person Term Based; Emina Buzinkic, Christine Ve Lure Roholt ; 3 cr.
67775 004 FWK, 13:00-14:15 TTh, Appleby Hall 11, In Person Term Based; Katherine Kessenich ; 3 cr.
67776 005 FWK, 17:30-20:30 W, Appleby Hall 204, In Person Term Based; Jeff Stafford ; 3 cr.**4961W Leadership for Global Citizenship**(A-F only; GP,WI)
54832 001 LEC, 11:15-12:30 TTh, Ford Hall 115, In Person Term Based; David Hellstrom ; 3 cr.
54873 002 LEC, 13:00-14:15 MW, Appleby Hall 219, In Person Term Based; Aaron Asmundson, Emina Buzinkic ; 3 cr.
54902 003 LEC, 13:00-14:15 TTh, Appleby Hall 303, In Person Term Based; Margaret Harris ; 3 cr.
67777 004 LEC, 18:30-20:30 M, Appleby Hall 303, 18:30-21:00 M, Appleby Hall 303, 18:30-21:00 M, Appleby Hall 303, 18:30-21:00 M, Appleby Hall 303, 18:30-21:00 M, Appleby Hall 303, Partially Online; June Nobbe, Jeff Stafford ; 3 cr.**4971 Directed Study, Leadership Minor**(A-F only;)
54874 001 IND, 00:00-00:00 , , In Person Term Based; Krista Soria ; 1-4 cr.**4972 Directed Research, Leadership Minor**(A-F only; Prereq: instr consent Contract URL: <https://goo.gl/forms/iw89wCSrPN30HbA2z>)
69883 001 IND, In Person Term Based; Krista Soria ; 1-4 cr.**Learning and Academic Skills (LASK)****1001 Mastering Skills for College Success**(Student Option;)
47424 001 LEC, 10:10-11:00 MW, Appleby Hall 226, In Person Term Based; Carmine Perrotti ; 2 cr.
47425 002 LEC, 11:15-12:05 MW, Peik Hall 375, In Person Term Based; Carmine Perrotti ; 2 cr.
47426 003 LEC, 15:35-16:25 MW, Appleby Hall 226, In Person Term Based; Felicia Karas ; 2 cr.
47428 004 LEC, 11:15-12:05 TTh, Bruininks Hall 144, In Person Term Based; Suzanne Cade ; 2 cr.
47429 006 LEC, 14:30-15:20 TTh, Appleby Hall 319, In Person Term Based; Kelly Collins ; 2 cr.
47504 005 LEC, 12:20-13:10 TTh, Pillsbury Hall 105, In Person Term Based; Kelly Collins ; 2 cr.**1101 Academic Refresher**(S-N or Audit; Prereq: instr consent)
47430 001 LEC, 9:05- 9:55 W, Appleby Hall 304, In Person Term Based; Felicia Karas ; 1 cr.**1102 Academic Success**(S-N only; Prereq: instr consent; preference given to students on academic probation or returning from academic suspension)
47889 001 LEC, 16:40-17:30 M, Appleby Hall 304, In Person Term Based; Jennifer Steiner ; 2 cr.
47913 002 LEC, 9:05- 9:55 T, Appleby Hall 304, In Person Term Based; Suzanne Cade ; 2 cr.
47914 003 LEC, 15:35-16:25 T, Appleby Hall 304, In Person Term Based; Jennifer Steiner ; 2 cr.**Liberal Studies (LS)****5100 Liberal Studies Seminar**(A-F or Audit; Prereq: dept consent)
69501 001 LEC, 18:00-20:30 Th, Blegen Hall 115, In Person Term Based; Roslye Ultan ; 1-4 cr.**8002 Final Project for Graduate Liberal Studies**(A-F or Audit; Prereq: MLS; all MLS coursework must be completed by end of sem, dept consent)
67987 001 LEC, 18:00-20:00 Th, Blegen Hall 225, In Person Term Based; April Knutson ; 3 cr.**Linguistics (LING)****1701 Language and Society**(Student Option; DSJ)
51058 050 LEC, 18:10-20:35 W, Peik Hall 375, In Person Term Based; Dustin Chacon ; 4 cr.
51059 051 DIS, 20:45-21:35 W, Peik Hall 375, In Person Term Based; 4 cr.**1800 Topics in Linguistics**(Student Option;)
69844 001 LEC, 11:15-15:45 TTh, Nicholson Hall 315, In Person Term Based; Jean-Philippe Marcotte ; 1-4 cr.**1911W Linguistics and Biology**(Student Option No Audit; WI)
67110 001 DIS, 13:00-15:30 F, Nicholson Hall 345, In Person Term Based; Jeanette Gundel ; 3 cr.**3001 Introduction to Linguistics**(Student Option; SOCS)
49799 001 LEC, 11:15-12:05 MWF, Peik Hall 28, In Person Term Based; Ellen Lucast ; 4 cr.
49800 002 DIS, 11:15-12:05 T, Bruininks Hall 123, In Person Term Based; 4 cr.
49801 003 DIS, 11:15-12:05 Th, Bruininks Hall 123, In Person Term Based; 4 cr.
51068 050 LEC, 18:10-20:35 T, Elliott Hall N119, In Person Term Based; Paul Tilleson ; 4 cr.
51069 051 DIS, 20:45-21:35 T, Elliott Hall N647, In Person Term Based; 4 cr.
51070 052 DIS, 20:45-21:35 T, Elliott Hall N119, In Person Term Based; 4 cr.**3001H Honors: Introduction to Linguistics**(A-F only; Prereq: Honors student or instr consent/SOCS)
51545 001 LEC, 12:20-13:10 MWF, Wulling Hall 240, In Person Term Based; Jason Overfelt ; 4 cr.
51546 002 DIS, 12:20-13:10 T, Bruininks Hall 123, In Person Term Based; 4 cr.**3052V Honors: Thesis**(A-F only; WI)
49407 001 IND, 13:25-16:25 F, Elliott Hall S225, In Person Term Based; Meets With: 001 LING 8005001 LING 8888W; Jason Overfelt ; 3 cr.**3601 Historical Linguistics**(Student Option; Prereq: 3001 or instr consent)
49377 001 LEC, 16:00-17:15 TTh, Folwell Hall 112, In Person Term Based; Meets With: 001 LING 5601; John Harkness ; 3 cr.**3900 Topics in Linguistics**(Student Option;)
69845 001 LEC, 9:45-11:00 MW, Hubert H. Humphrey School 60, In Person Term Based; Ellen Lucast ; 1-4 cr.**4201 Syntax I**(Student Option; Prereq: 3001 or 3001H or 5001 or instr consent)
50761 001 LEC, 9:45-11:00 TTh, Elliott Hall N647, In Person Term Based; Claire Halpert ; 3 cr.**4302W Phonology I**(Student Option; Prereq: 3001 or 3001H or 5001 or instr consent/WI)
50762 001 LEC, 11:15-12:30 TTh, Bruininks Hall 117, In Person Term Based; Daniel Karvonen ; 3 cr.**4901W Major Project Seminar**(S-N only; Prereq: Ling major, [jr or sr]WI)
49368 001 LEC, 13:25-16:25 F, Peik Hall 335, In Person Term Based; Jean-Philippe Marcotte ; 3 cr.

5106 Field Methods in Linguistics II

(Student Option; Prereq: [5105, grad major] or instr consent)

52280 001 FWK, 13:25-15:20 TTh, Elliott Hall S225, In Person Term Based; Meets With: 001 LING 8106; Claire Halpert ; 4 cr.

5202 Syntactic Theory II

(Student Option; Prereq: 5201 or instructor consent. LING 5201 is directed towards honors students and graduate students.)

51525 001 LEC, 13:00-14:15 TTh, Bruininks Hall 117, In Person Term Based; Hooi Ling Soh ; 3 cr.

5206 Linguistic Pragmatics

(Student Option; Prereq: [4201 or 5201] or instr consent)

51334 001 DIS, 16:00-17:15 MW, Peik Hall 375, In Person Term Based; Brian Reese ; 3 cr.

5303 Phonological Theory II

(Student Option; Prereq: 5302 or instr consent. LING 5303 is directed towards honors and graduate students.)

51524 001 LEC, 11:15-12:30 MW, Wulling Hall 220, In Person Term Based; Anna Lubowicz ; 3 cr.

5601 Historical Linguistics

(Student Option; Prereq: 3001 or 3011H or 5001)

50154 001 LEC, 16:00-17:15 TTh, Folwell Hall 112, In Person Term Based; Meets With: 001 LING 3601; John Harkness ; 3 cr.

5801 Introduction to Computational Linguistics

(Student Option; Prereq: [4201 or 5201] or programming experience or instr consent)

50763 001 LEC, 13:00-14:15 MW, Peik Hall 335, In Person Term Based; Brian Reese ; 3 cr.

5900 Topics in Linguistics

(Student Option;)

67204 001 LEC, 11:15-12:30 MW, Elliott Hall S225, In Person Term Based; Meets With: 001 LING 8900; Dustin Chacon ; 1-4 cr.
69846 002 LEC, 9:45-11:00 TTh, Elliott Hall S225, In Person Term Based; Meets With: 002 LING 8900; Caleb Hicks ; 1-4 cr.**5993 Directed Study**

(Student Option; Prereq instr consent, dept consent, college consent.)

49367 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
49869 002 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
50131 003 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
50132 004 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
50294 005 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
51423 006 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.**8005 Research Paper Workshop**

(S-N or Audit; Prereq: [5105, 5202, 5205, [4302W or 5302]] or [instr consent, grad ling major])

50147 001 DIS, 13:25-16:25 F, Elliott Hall S225, In Person Term Based; Meets With: 001 LING 3052V001 LING 8888W; Jason Overfelt ; 3 cr.

8106 Field Methods in Linguistics II

(Student Option; Prereq: 8105 (taken in same academic yr))

52281 001 FWK, 13:25-15:20 TTh, Elliott Hall S225, In Person Term Based; Meets With: 001 LING 5106; Claire Halpert ; 4 cr.

8210 Seminar in Syntax

(Student Option; Prereq: 5202, 5205 or instr consent)

52088 001 LEC, 14:30-17:00 M, Elliott Hall S225, In Person Term Based; Dustin Chacon ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

49549 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

49572 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

49597 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required (Plan A only))

49617 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

49649 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8888W Thesis Credit Dissertation Seminar

(No Grade Associated; Prereq: Doctoral student who has passed oral prelims)

50941 001 IND, 13:25-16:25 F, Elliott Hall S225, In Person Term Based; Meets With: 001 LING 3052V001 LING 8005; Jason Overfelt ; 1-3 cr.

8900 Seminar: Topics in Linguistics

(Student Option; Prereq: instr consent)

51595 001 LEC, 11:15-12:30 MW, Elliott Hall S225, In Person Term Based; Meets With: 001 LING 5900; Dustin Chacon ; 3 cr.
69843 002 DIS, 9:45-11:00 TTh, Elliott Hall S225, In Person Term Based; Meets With: 002 LING 5900; Caleb Hicks ; 3 cr.**8921 Seminar in Language and Cognition**

(Student Option; Prereq: instr consent)

52396 001 DIS, 12:45-13:45 TTh, Smith Hall 111, In Person Term Based; Jeanette Gundel ; 3 cr.

8991 Independent Study

(Student Option; Prereq: instr consent)

49334 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.
50126 002 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.
50127 003 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.
50128 004 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.
50129 005 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.**Madrid Learning Abroad Program (MADR)****Management (MGMT)****1001 Contemporary Management**

(A-F only; Prereq: Carlson School fr or soph)

53888 001 LEC, 11:15-12:30 MW, Hanson Hall 1-109, In Person Term Based; Ruyan Liao ; 3 cr.
53889 002 LEC, 13:45-15:00 TTh, Carlson School of Mgmt 1-147, In Person Term Based; Elizabeth Campbell ; 3 cr.
54028 003 LEC, 15:15-16:30 TTh, Carlson School of Mgmt 1-147, In Person Term Based; Elizabeth Campbell ; 3 cr.**1005 Corporate Responsibility and Ethics**

(A-F only; Prereq: Carlson School studentCIV)

54044 001 LEC, 9:45-11:00 MW, Hanson Hall 1-109, In Person Term Based; Russell Funk ; 3 cr.
54045 002 LEC, 11:15-12:30 MW, Hanson Hall 1-107, In Person Term Based; Russell Funk ; 3 cr.
54046 003 LEC, 13:00-14:15 MW, Hanson Hall 1-105, In Person Term Based; Russell Funk ; 3 cr.
54047 004 LEC, 8:15-9:30 TTh, Hanson Hall 1-109, In Person Term Based; Alan Fine ; 3 cr.
54048 005 LEC, 11:15-12:30 TTh, Hanson Hall 1-109, In Person Term Based; Rand Park ; 3 cr.
54049 006 LEC, 13:00-14:15 TTh, Hanson Hall 1-109, In Person Term Based; Rand Park ; 3 cr.
54050 007 LEC, 14:30-15:45 TTh, Hanson Hall 1-109, In Person Term Based; Rand Park ; 3 cr.
54252 008 LEC, 14:30-15:45 MW, Hanson Hall 1-105, In Person Term Based; Alan Fine ; 3 cr.**1005H Corporate Responsibility and Ethics**

(A-F only; Prereq: Honors studentCIV)

54085 001 LEC, 9:45-11:00 MW, Carlson School of Mgmt L-114, In Person Term Based; Rand Park ; 3 cr.

3001 Fundamentals of Management

(A-F or Audit;)

53755 002 LEC, 8:15-9:30 TTh, Hanson Hall 1-106, In Person Term Based; Keith Pennington ; 3 cr.
53791 020 LEC, 17:45-20:15 Th, Hanson Hall 1-104, In Person Term Based; Sunasir Dutta ; 3 cr.
53881 001 LEC, 11:15-12:30 WF, Hanson Hall 1-106, In Person Term Based; Sunasir Dutta ; 3 cr.
53958.302 LEC, 00:00-00:00 , ONLINE, Completely Online; David Kaiser ; 3 cr.
53982 301 LEC, 00:00-00:00 , ONLINE, Completely Online; David Kaiser ; 3 cr.
53993 003 LEC, 14:30-15:45 MW, Hanson Hall 1-106, In Person Term Based; Sunasir Dutta ; 3 cr.
70101 303 LEC, Completely Online; David Kaiser ; 3 cr.**3010 Introduction to Entrepreneurship**

(A-F or Audit;)

53846 001 LEC, 10:10-11:50 TTh, Hanson Hall 1-105, In Person Term Based; Sandy Yu ; 4 cr.
53847 003 LEC, 14:30-16:10 TTh, Hanson Hall 1-105, In Person Term Based; Sandy Yu ; 4 cr.
53854 002 LEC, 12:20-14:00 TTh, Hanson Hall 1-105, In Person Term Based; Sandy Yu ; 4 cr.**3033W Business Communication**

(A-F or Audit; Prereq: Fr composition, CSOM upper- div, at least 60 crWI)

53890 002 LEC, 9:45-11:00 MW, Carlson School of Mgmt 2-228, In Person Term Based; Holly Littlefield ; 3 cr.
53891 003 LEC, 11:15-12:30 MW, Carlson School of Mgmt 2-228, In Person Term Based; JoAnn Syverson ; 3 cr.
53892 004 LEC, 13:00-14:15 MW, Carlson School of Mgmt 2-228, In Person Term Based; JoAnn Syverson ; 3 cr.
53893 005 LEC, 13:00-14:15 MW, Carlson School of Mgmt 1-136, In Person Term Based; Sheryl Holt ; 3 cr.
53894 006 LEC, 14:30-15:45 MW, Carlson School of Mgmt 2-228, In Person Term Based; Mary Rosa ; 3 cr.
53895 007 LEC, 16:00-17:15 MW, Carlson School of Mgmt 2-228, In Person Term Based; Mary Rosa ; 3 cr.
53896 008 LEC, 9:45-11:00 TTh, Carlson School of Mgmt 2-228, In Person Term Based; Mary Rosa ; 3 cr.
53897 020 LEC, 17:45-20:15 T, Carlson School of Mgmt 2-228, In Person Term Based; Kasey Beeler ; 3 cr.
53943 009 LEC, 11:15-12:30 TTh, Carlson School of Mgmt 2-228, In Person Term Based; Mary Rosa ; 3 cr.
53987 010 LEC, 13:00-14:15 TTh, Carlson School of Mgmt 2-228, In Person Term Based; JoAnn Syverson ; 3 cr.
54074 001 LEC, 8:15-9:30 MW, Carlson School of Mgmt 2-228, In Person Term Based; Holly Littlefield ; 3 cr.
54082 011 LEC, 14:30-15:45 TTh, Carlson School of Mgmt 2-228, In Person Term Based; JoAnn Syverson ; 3 cr.**3040 Understanding the International Environment of Firms: International Business**

(A-F or Audit; Prereq: 1001 or 1001H or 3001)

53779 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt 2-213, In Person Term Based; Alan Fine ; 2 cr.

3900 International Business Communication

(A-F only; GP)

53981 001 LEC, 9:45-11:00 TTh, Carlson School of Mgmt L-122, In Person Term Based; Holly Littlefield ; 3 cr.

4000 Social Venturing in Action

(A-F only; Prereq: Sr nonprofit major or instr consent)

53949 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-132, In Person Term Based; Steve Spruth ; 4 cr.

4008 Entrepreneurial Management

(A-F only; Prereq: concurrent registration is required (or allowed) in [3010 or IBUS 3010])

53810 001 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 2-215, In Person Term Based; Frank Beil ; 4 cr.

4050 Management of Innovation and Change

(A-F or Audit; Prereq: 1001, [3001 or 3010])

53845 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt L-126, In Person Term Based; Steve Spruth ; 2 cr.

4100 Topics in Management

(A-F only;)

54091 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt 2-219, In Person Term Based; Anne Cohen ; 2-4 cr.

4101 Independent Study in Strategic Management and Organization

(Student Option; Prereq: instr consent or dept consent)
53863 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

4170W New Business Feasibility and Planning

(A-F only; Prereq: 3010W)
53944 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 1-127, In Person Term Based; Alan Fine ; 4 cr.

4172 Entrepreneurship in Action II

(A-F only; Prereq: 4171)
53945 001 LEC, 15:45-17:25 MW, Carlson School of Mgmt 1-135, In Person Term Based; John Stavig ; 4 cr.

4500 Senior Seminar in International Business

(A-F only; Prereq: CSOM sr, completed semester abroad, IB major or minor)
54086 001 LEC, 16:00-19:15 Th, Carlson School of Mgmt 1-136, In Person Term Based; Svijetlana Madzar ; 2 cr.

5102 StartUp: Customer Development and Testing

(A-F only;)
65729 001 FWK, 15:45-17:25 T, Carlson School of Mgmt 1-136, In Person Term Based; Carla Pavone, Tobin Nord ; 2 cr.

6004 Negotiation Strategies

(A-F only; Prereq: MBA student)
53813 070 LEC, 00:00-00:00 , ONLINE, Completely Online; Sid Benraouane ; 2 cr.
53825 050 LEC, 8:00-17:00 Sa, Carlson School of Mgmt 1-123, 8:00-17:00 Sa, Carlson School of Mgmt 1-123, 8:00-17:00 Sa, Carlson School of Mgmt 1-123, In Person Term Based; Yelena Hydrie ; 2 cr.
54080 071 LEC, 00:00-00:00 , ONLINE, Completely Online; Sid Benraouane ; 2 cr.

6032 Strategic Alliances

(A-F only; Prereq: MBA student)
53843 050 LEC, 8:00-17:00 F, Carlson School of Mgmt 2-213, 8:00-17:00 F, Carlson School of Mgmt 2-213, 8:00-17:00 F, Carlson School of Mgmt 2-213, In Person Term Based; Svijetlana Madzar ; 2 cr.

6033 Managing the Strategy Process

(A-F only; Prereq: MBA student)
53803 090 LEC, 17:45-21:05 W, Carlson School of Mgmt 2-213, In Person Term Based; Jeffrey Kaufmann ; 2 cr.

6034 Strategic Leadership

(A-F or Audit; Prereq: 6033, MBA student)
53835 060 LEC, 17:45-21:05 W, Carlson School of Mgmt 1-142, In Person Term Based; Anne Cohen ; 2 cr.

6035 Complex and Cross-Cultural Negotiations

(A-F or Audit; Prereq: [6004, MBA student] or instr consent)
53877 050 LEC, 8:00-17:00 F, Carlson School of Mgmt 1-149, 8:00-17:00 F, Carlson School of Mgmt 1-149, 8:00-17:00 F, Carlson School of Mgmt 1-149, In Person Term Based; Meets With: 001 LAW 6626; Paul Vaaler ; 2 cr.

6040 International Strategy and Organization

(A-F only; Prereq: MBA student)
54090 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 1-142, In Person Term Based; Terry Cornelison ; 2 cr.
54168 090 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-142, In Person Term Based; Paul Vaaler ; 2 cr.

6050 Management of Innovation and Change

(A-F only; Prereq: MBA student)
67610 050 LEC, 13:00-17:00 F, Carlson School of Mgmt 1-142, 13:00-17:00 F, Carlson School of Mgmt 1-142, 13:00-17:00 F, Carlson School of Mgmt 1-142, In Person Term Based; Phil Pejovich ; 2 cr.

6084 Management of Groups

(A-F only;)
53946 050 LEC, 8:00-17:00 Sa, Carlson School of Mgmt 1-132, 8:00-17:00 Sa, Carlson School of Mgmt 1-132, 8:00-17:00 Sa, Carlson School of Mgmt 1-132, In Person Term Based; Svijetlana Madzar ; 2 cr.
69090 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 1-149, In Person Term Based; Mike Davis ; 2 cr.

69539 070 LEC, Completely Online; Sid Benraouane ; 2 cr.

6101 Independent Study in Strategic Management and Organization

(A-F or Audit; Prereq: instr consent or dept consent)
53862 060 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

6305 The International Environment of Business

(A-F only; Prereq: MBA student)
53988 090 LEC, 17:45-21:05 W, Hanson Hall 1-103, In Person Term Based; Gunneeta Singh ; 4 cr.
54169 091 LEC, 17:45-21:05 M, Carlson School of Mgmt 2-219, In Person Term Based; Gunneeta Singh ; 4 cr.

6310 Cross-Cultural Management: Developing Intercultural Competence

(A-F only;)
54261 050 LEC, 13:00-17:00 F, Hanson Hall 1-103, 8:00-17:00 Sa, Hanson Hall 1-103, 13:00-17:00 F, Hanson Hall 1-103, 8:00-17:00 Sa, Hanson Hall 1-103, In Person Term Based; Mary Zellmer-Bruhn, ; 2 cr.

8101 Theory Building and Research Design

(Student Option; Prereq: Business admin PhD student or instr consent)
53871 001 LEC, 13:15-16:15 M, Carlson School of Mgmt 1-114, In Person Term Based; Andrew Van de Ven ; 4 cr.

8401 Seminar in Strategy Content

(Student Option; Prereq: Business admin PhD student or instr consent)
68752 001 LEC, 13:30-16:30 T, Carlson School of Mgmt 1-122, In Person Term Based; Aseem Kaul ; 2-4 cr.

8501 Seminar in Entrepreneurship

(A-F only;)
68315 001 LEC, 13:30-16:30 W, Carlson School of Mgmt 1-122, In Person Term Based; Shaker Zahra ; 4 cr.

8892 Readings in Management Theory and Administration

(Student Option; Prereq: Business admin PhD student or instr consent, adviser consent)
53804 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

8894 Graduate Research in Management Theory and Administration

(Student Option; Prereq: Business admin PhD student or instr consent, adviser consent)
53805 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

Management of Technology (MOT)

4020 Special Topics in Management of Technology

(S-N only;)
69757 001 DIS, 15:00-16:55 M, McNamara Alumni Center 235, In Person Term Based; Kirk Froggatt ; 2 cr.

5002 Creating Technological Innovation

(A-F only; Prereq: Degree seeking or non-degree graduate students.)
57454 001 LEC, 15:30-17:10 W, Bruininks Hall 420A, In Person Term Based; Steve Webster ; 2 cr.

5003 Technological Business Planning Workshop

(A-F only; Prereq: Degree seeking or non-degree graduate students. Student must also enroll for MOT 5001 or MOT 5002.)
57455 001 LEC, 17:15-18:05 W, Bruininks Hall 420A, In Person Term Based; Steve Webster ; 1 cr.
57455 001 LEC, 17:15-18:05 W, Bruininks Hall 420A, In Person Term Based; Steve Webster ; 1 cr.

8111 Marketing Management for Technology-based Organizations

(A-F or Audit; Prereq: Grad MOT major)
56511 001 LEC, 00:00-00:00 , , In Person Term Based; Tarun Soni ; 2 cr.

8113 Operations Management for Competitive Advantage

(A-F or Audit; Prereq: Grad MOT major)
55758 001 LEC, 00:00-00:00 , , In Person Term Based; Scott Martens ; 1.5 cr.

8122 Financial Management for Technology-based Organizations

(A-F or Audit; Prereq: Grad MOT major)
55527 001 LEC, 00:00-00:00 , , In Person Term Based; Dileep Rao ; 2 cr.

8213 Macroenvironment of Technology

(A-F or Audit; Prereq: Grad MOT major)
56434 001 LEC, 00:00-00:00 , , In Person Term Based; Alfred Marcus ; 1.5 cr.

8214 Technology Foresight and Forecasting

(A-F only; Prereq: Grad MOT major)
56512 001 LEC, 00:00-00:00 , , In Person Term Based; Kenneth Farmer II ; 2 cr.

8221 Project and Knowledge Management

(A-F or Audit; Prereq: Grad MOT major)
55563 001 LEC, 00:00-00:00 , , In Person Term Based; Karl Smith ; 1.5 cr.

8232 Managing Technological Innovation

(A-F or Audit;)
55766 001 LEC, 00:00-00:00 , , In Person Term Based; Steve Webster ; 2 cr.

8234 Capstone Project

(A-F or Audit; Prereq: Completion of two semesters, grad MOT major)
56433 001 LEC, 00:00-00:00 , , In Person Term Based; Charles Laingen, Tariq Samad ; 0.5-2.5 cr.

8502 Innovation Leadership and Organizational Effectiveness

(A-F only;)
57762 001 LEC, In Person Term Based; Kirk Froggatt ; 1 cr.

8940 Managing Intellectual Property

(S-N only; Prereq: MOT grad student)
55684 001 LEC, 00:00-00:00 , , In Person Term Based; Elizabeth Gladfelter ; 0.5 cr.

8950 International Management of Technology Project

(A-F or Audit; Prereq: MOT grad student)
55685 001 LEC, 00:00-00:00 , , In Person Term Based; Carl Kime, Tariq Samad ; 2 cr.

8960 Advanced Topics in Management of Technology

(S-N only; Prereq: MOT grad major)
70061 001 DIS, In Person Term Based; Tariq Samad ; 1 cr.

Managerial Communications (MCOM)

5500 Enhancing Your Executive Image in Business Communications

(A-F only; Prereq: MBA student)
54249 070 LEC, Completely Online; JoAnn Syverson ; 2 cr.

5530 Strategies and Skills for Managerial Presentations

(A-F only; Prereq: MBA student)
54210 060 LEC, 17:45-21:05 Th, Carlson School of Mgmt 1-143, In Person Term Based; Mary Rosa ; 2 cr.

Manufacturing Operations Mgmt (MM)

3001W Manufacturing in the Global Economy

(A-F or Audit; WI)
60940 301 LEC, 00:00-00:00 , ONLINE, Completely Online; William King ; 3 cr.

3305 3D Printing and Additive Manufacturing

(A-F or Audit;)

61133 001 LEC, 18:00-20:45 T, Amundson Hall 120, In Person Term Based; David Busacker, Michael Kuehn ; 3 cr.

4011 Design of Manufacturing Systems and Simulations

(A-F or Audit; Prereq: 3001 or manufacturing experience)

61045 101 LEC, 18:00-20:45 Th, Amundson Hall 120, Partially Online; Michael Boone ; 3 cr.

4012 Manufacturing Processes and Technology

(A-F or Audit; Prereq: 3001 or manufacturing experience)

60925 301 LEC, Completely Online; Dave Edmonson ; 3 cr.
60925 301 LEC, Completely Online; Dave Edmonson ; 3 cr.

4039 Manufacturing Outsourcing Decisions

(A-F or Audit; Prerequisites: MM 3001W or equivalent manufacturing experience.)

61070 101 LEC, 18:00-20:45 M, Amundson Hall 124, Partially Online; Jack Sandahl ; 3 cr.

4045 Regulated Industry Compliance

(A-F or Audit; Prereq: 3001 or manufacturing experience)

60990 101 LEC, 18:00-20:45 W, Amundson Hall 124, Partially Online; Mac McKeen ; 3 cr.

4311 Sustainable Lean Manufacturing

(A-F or Audit; Prereq: MM 3001, 45 cr)

61073 101 LEC, 18:00-20:45 T, Bruininks Hall 530B, Partially Online; Paul Nied ; 3 cr.

4501 Capstone

(A-F or Audit; Prereq: MM major or minor or certificate or instr consent)

61075 401 LEC, 00:00-00:00 , , Independent/Directed Study; William King ; 3 cr.

4596 Internship

(A-F or Audit; Prereq: [MM major or minor or certificate or instr consent], dept consent)

61074 401 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

61177 402 IND, Independent/Directed Study; 1-4 cr.

Manufacturing Technology (MT)

Marketing (MKTG)

3001 Principles of Marketing

(A-F or Audit; Prereq: ECON 1101)

53811 020 LEC, 17:45-20:15 M, Hanson Hall 1-106, In Person Term Based; Michael Jordan ; 3 cr.

53850 006 LEC, 9:45-11:00 MW, Hanson Hall 1-111, In Person Term Based; Wayne Mueller ; 3 cr.

53970 007 LEC, 16:00-17:15 TTh, Hanson Hall 1-104, In Person Term Based; Julia Van Etten ; 3 cr.

53996 301 LEC, Completely Online; Lydia Mackenzie ; 3 cr.
54000 302 LEC, Completely Online; Lydia Mackenzie ; 3 cr.

3001H Honors:Principles of Marketing

(A-F or Audit; Prereq: ECON 1101, Honors Student)

69676 001 LEC, 11:15-12:30 TTh, Carlson School of Mgmt L-122, In Person Term Based; Julia Van Etten ; 3 cr.

3010 Marketing Research

(A-F or Audit; Prereq: 3001, [SCO 2550 or equiv statistics course])

53764 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-135, In Person Term Based; Wendy Lutter ; 4 cr.

53765 002 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 1-135, In Person Term Based; Wendy Lutter ; 4 cr.

54019 003 LEC, 13:45-15:25 MW, Carlson School of Mgmt 2-224, In Person Term Based; Linli Xu ; 4 cr.

3040 Buyer Behavior

(A-F or Audit; Prereq: 3001, [3010 or concurrent registration is required (or allowed) in 3010])

53766 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt L-114, In Person Term Based; David Mucha ; 4 cr.

54114 002 LEC, 8:00-9:40 TTh, Carlson School of Mgmt L-114, In Person Term Based; Vivian Martin ; 4 cr.

4030 Sales Management

(A-F or Audit; Prereq: 3001, 3010, 3040)

53855 001 LEC, 13:45-15:25 MW, Hanson Hall 1-107, In Person Term Based; Wayne Mueller ; 4 cr.

4050 Advertising and Promotion

(A-F or Audit; Prereq: 3001, 3010, 3040)

53793 001 LEC, 15:45-17:25 TTh, Carlson School of Mgmt 2-213, In Person Term Based; Paj Ann Herr ; 4 cr.

4060 Marketing Channels

(A-F or Audit; Prereq: 3001, 3010, 3040)

53947 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 1-135, In Person Term Based; Jay Lipe ; 4 cr.

4074 Data-Driven Marketing

(A-F only; Prereq: Mktg 3001 and Mktg 3010.)

65735 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-132, In Person Term Based; Linli Xu ; 4 cr.

4080W Marketing Strategy

(A-F or Audit; Prereq: 3001, 3010, 3040, 12 cr in marketing, srWI)

54172 001 LEC, 8:00-9:40 MW, Carlson School of Mgmt 1-127, In Person Term Based; Steve Goodyear ; 4 cr.

54173 002 LEC, 13:45-15:25 MW, Carlson School of Mgmt 1-127, In Person Term Based; Steve Goodyear ; 4 cr.

54174 003 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-127, In Person Term Based; Steve Goodyear ; 4 cr.

54175 004 LEC, 15:45-17:25 MW, Carlson School of Mgmt 1-127, In Person Term Based; Alissa Montbriand ; 4 cr.

4082W Brand Management

(A-F only; Prereq: 3001, 3010, 3040W)

54052 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt 2-219, In Person Term Based; Ameer McDonald ; 4 cr.

54188 002 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 2-219, In Person Term Based; Jay Lipe ; 4 cr.

4085 Harnessing Consumer Irrationality

(A-F only;)

69818 050 LEC, 8:00-17:30 F, Carlson School of Mgmt 1-149, 8:00-17:30 Sa, Carlson School of Mgmt 1-149, 8:00-17:30 F, Carlson School of Mgmt 1-149, In Person Term Based; Kathleen Vohs ; 2 cr.

4090 Marketing Topics

(A-F or Audit;)

69275 001 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 1-132, In Person Term Based; Song Yao ; 2-4 cr.

6050 Business Research Methods

(A-F only;)

65737 050 LEC, 8:00-17:00 F, Carlson School of Mgmt L-118, 8:00-17:00 F, Carlson School of Mgmt L-118, 8:00-17:00 F, Carlson School of Mgmt L-118, In Person Term Based; Tony Cui ; 2 cr.

65738 051 LEC, 8:00-17:00 Sa, Carlson School of Mgmt L-118, 8:00-17:00 Sa, Carlson School of Mgmt L-118, 8:00-17:00 Sa, Carlson School of Mgmt L-118, In Person Term Based; Tony Cui ; 2 cr.

6051 Marketing Research

(A-F only; Prereq: MBA 6210, MBA student)

53782 001 LEC, 15:45-17:25 TTh, Carlson School of Mgmt 1-132, In Person Term Based; Maria-Ana Vitorino ; 4 cr.

65736 090 LEC, 17:45-21:05 W, Carlson School of Mgmt 1-135, In Person Term Based; Bill Hauschen ; 4 cr.

6055 Buyer Behavior

(A-F only; Prereq: MBA 6210, MBA student)

53923 060 LEC, 17:45-21:05 M, Hanson Hall 1-103, In Person Term Based; Alison Xu ; 4 cr.

54075 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 2-213, In Person Term Based; Alison Xu ; 4 cr.

6075 Pricing Strategy

(A-F only; Prereq: MBA 6210, MBA student)

53844 060 LEC, 17:45-21:05 T, Hanson Hall 1-105, In Person Term Based; Akshay Rao ; 4 cr.

6082 Brand Management

(A-F only; Prereq: MBA 6210, MBA student)

53818 001 LEC, 15:45-17:25 MW, Carlson School of Mgmt 1-132, In Person Term Based; Allison Murn ; 4 cr.

53819 090 LEC, 17:45-21:05 T, Carlson School of Mgmt 2-233, In Person Term Based; David Campbell ; 4 cr.

6086 Digital Marketing

(A-F only;)

69175 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-142, In Person Term Based; David Hopkins ; 2 cr.

6088 Strategic Marketing

(A-F only; Prereq: MBA 6210, MBA student)

53837 060 LEC, 17:45-21:05 M, Carlson School of Mgmt 2-215, In Person Term Based; Wayne Mueller ; 2 cr.

8810 Consumer Behavior Special Topics

(A-F or Audit; Prereq: Doctoral student or [master's program student, instr consent])

68289 001 LEC, In Person Term Based; Alison Xu ; 2 cr.
68290 002 LEC, In Person Term Based; Deborah John ; 2 cr.

8890 Seminar: Marketing Topics

(Student Option; Prereq: Business admin PhD student or instr consent)

69428 001 LEC, 15:00-18:00 W, Room TBA, In Person Term Based; Maria-Ana Vitorino ; 1-4 cr.

8894 Graduate Research in Marketing

(Student Option; Prereq: MBA 6210 or equiv, business admin PhD student or instr consent)

53736 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

Master of Business Admin (MBA)

6030 Financial Accounting

(A-F only; Prereq: MBA Student)

53785 070 LEC, Completely Online; Nick Biondich ; 3 cr.
54061 090 LEC, 17:45-21:05 T, Hanson Hall 1-107, In Person Term Based; Nick Biondich ; 3 cr.

6035 Managerial Accounting

(A-F only; Prereq: 6030, 6230, MBA student)

53786 090 LEC, 17:45-21:05 T, Hanson Hall 1-103, In Person Term Based; Paul White ; 3 cr.
54128 070 LEC, 00:00-00:00 , ONLINE, Completely Online; Clayton Forester ; 3 cr.

6108 Leading Self

(A-F only;)

70121 001 LEC, In Person Term Based; Theresa Glomb, Kevin Wilde ; 0-1 cr.

70122 002 LEC, In Person Term Based; Theresa Glomb, Kevin Wilde ; 0-1 cr.

6110 Leading Others

(A-F only;)

53954 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 2-207, In Person Term Based; John Kammeyer-Mueller ; 2 cr.

53955 002 LEC, 13:45-15:25 MW, Carlson School of Mgmt 1-147, In Person Term Based; John Kammeyer-Mueller ; 2 cr.

53992 090 LEC, 17:45-21:05 M, Carlson School of Mgmt 2-213, In Person Term Based; Brandon Sullivan ; 2 cr.

69091 070 LEC, Completely Online; Sid Benraouane ; 2 cr.

6112 Leading Organizations

(A-F only;)

54124 001 LEC, 8:00-9:40 TTh, Carlson School of Mgmt 2-207, In Person Term Based; Theresa Glomb ; 0-1 cr.
54125 002 LEC, 8:00-9:40 TTh, Carlson School of Mgmt 1-147, In Person Term Based; Theresa Glomb ; 0-1 cr.

6120 Data Analysis and Statistics for Managers

(A-F only; Prereq: MBA student)

53777 090 LEC, 17:45-21:05 W, Hanson Hall 1-107, In Person Term Based; Steven Huchendorf ; 3 cr.

53878 070 LEC, Completely Online; Steven Huchendorf ; 3 cr.

6140 Managerial Economics

(A-F only; Prereq: MBA student)

53990 090 LEC, 17:45-21:05 T, Carlson School of Mgmt 2-215, In Person Term Based; Fahima Aziz ; 2 cr.

6210 Marketing Management

(A-F only; Prereq: MBA student)

53781 090 LEC, 17:45-21:05 M, Carlson School of Mgmt 1-147, In Person Term Based; Corey Nelson ; 3 cr.

54228 070 LEC, Completely Online; Julia Van Etten ; 3 cr.

6220 Operations Management

(A-F only; Prereq: MBA student)

53778 090 LEC, 17:45-21:05 Th, Hanson Hall 1-109, In Person Term Based; Kevin Linderman ; 3 cr.

54227 070 LEC, Primarily Online; Rachna Shah ; 3 cr.

6230 Financial Management

(A-F only; Prereq: 6030, MBA student)

53780 090 LEC, 17:45-21:05 M, Hanson Hall 1-111, In Person Term Based; Lisa Kline ; 3 cr.

54199 070 LEC, Completely Online; Helen Moser ; 3 cr.

6235 Managerial Accounting

(A-F only; Prereq: MBA student)

53941 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt 2-207, In Person Term Based; Paul White ; 2 cr.

6240 Competing in a Data-Driven Digital Age

(A-F only; Prereq: FT MBA student)

53956 002 LEC, 13:45-15:25 MW, Carlson School of Mgmt 2-207, In Person Term Based; Gordon Burch ; 2 cr.
53957 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-147, In Person Term Based; Gordon Burch ; 2 cr.

6300 Strategic Management

(A-F only; Prereq: MBA student)

53756 090 LEC, 17:45-21:05 M, Hanson Hall 1-109, In Person Term Based; Alfred Marcus ; 3 cr.
53757 070 LEC, Completely Online; Alfred Marcus ; 3 cr.

6315 The Ethical Environment of Business

(A-F only; Prereq: MBA student)

53758 090 LEC, 17:45-21:05 T, Carlson School of Mgmt 2-213, In Person Term Based; Russell Funk ; 2 cr.
53759 091 LEC, 17:45-21:05 W, Carlson School of Mgmt 1-123, In Person Term Based; Nicholas Pogglioli ; 2 cr.
53997 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 2-207, In Person Term Based; Jeffrey Kaufmann ; 2 cr.
54018 002 LEC, 13:45-15:25 MW, Carlson School of Mgmt 1-147, In Person Term Based; Jeffrey Kaufmann ; 2 cr.

6501 Carlson Funds Enterprise: Growth

(A-F only; Prereq: MBA student or [applied to or accepted in] spring of 1st yr; [6031, ACCT 6100, ACCT 6160, MBA student, emphasis in finance mgmt] recommended)

53856 001 FWK, 8:00- 9:40 TTh, Carlson School of Mgmt 1-132, In Person Term Based; Aamir Khan ; 1-4 cr.
68708 002 FWK, 8:00- 9:40 TTh, No Room Required, In Person Term Based; Aamir Khan ; 1-4 cr.

6502 Carlson Funds Enterprise: Fixed Income

(A-F only; Prereq: [Applied to or accepted in] spring-A of 1st yr to begin in spring-B; [6031, ACCT 6100, ACCT 6160, MBA student, emphasis in finance mgmt] recommended)

53858 001 FWK, 8:00- 9:40 MW, Carlson School of Mgmt 1-135, In Person Term Based; Rick Nelson ; 1-4 cr.
68709 002 FWK, 8:00- 9:40 TTh, No Room Required, In Person Term Based; Rick Nelson ; 1-4 cr.

6503 Carlson Ventures Enterprise

(Student Option No Audit; Prereq: MBA student, approved application, interview)

53827 001 FWK, 8:00- 9:40 TTh, Carlson School of Mgmt 1-142, In Person Term Based; Tobin Nord ; 2-4 cr.
68710 002 FWK, 8:00- 9:40 TTh, No Room Required, In Person Term Based; Tobin Nord ; 2-4 cr.

6504 Carlson Consulting Enterprise

(Student Option No Audit; Prereq: MBA student, approved application, interview)

53828 001 FWK, 8:00- 9:40 TTh, Carlson School of Mgmt 1-143, In Person Term Based; Severin St Martin ; 2-4 cr.
68711 002 FWK, 8:00- 9:40 TTh, No Room Required, In Person Term Based; Severin St Martin ; 2-4 cr.

6505 Carlson Brand Enterprise

(Student Option No Audit; Prereq: MBA student, approved application, interview)

53873 001 FWK, 8:00- 9:40 TTh, Carlson School of Mgmt 1-123, In Person Term Based; David Hopkins ; 2-4 cr.
68712 002 FWK, 8:00- 9:40 TTh, No Room Required, In Person Term Based; David Hopkins ; 2-4 cr.

Master of Business Taxation (MBT)

5200 Tax Accounting Methods I

(A-F or Audit; Prereq: ACCT 5135, MBT student)

67540 200 LEC, 17:45-21:05 M, Carlson School of Mgmt 2-224, In Person Term Based; Tammy Naples ; 2 cr.
67614 070 LEC, Completely Online; Tammy Naples ; 2 cr.

5201 Tax Accounting Methods II

(A-F or Audit; Prereq: MBT 5200)

67764 070 LEC, Completely Online; Tammy Naples ; 2 cr.
67765 200 LEC, 17:45-21:05 M, Carlson School of Mgmt 1-135, In Person Term Based; Tammy Naples ; 2 cr.

5230 Corporate Taxation I

(A-F or Audit; Prereq: ACCT 5135)

53817 070 LEC, Completely Online; Roger Conlon ; 2 cr.

5323 Mergers and Acquisitions I

(A-F or Audit; Prereq: MBT 5230)

53974 200 LEC, 17:45-21:05 T, Carlson School of Mgmt L-126, In Person Term Based; Roger Conlon ; 2 cr.

5340 Taxation of Partners and Partnerships

(A-F or Audit; Prereq: Acct 5135)

53980 200 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-143, In Person Term Based; Scott Luecke, Brian Knudson ; 2 cr.

5346 ASC 740 Computations and Analysis

(A-F or Audit;)

54253 070 LEC, Completely Online; Nicholas Frank ; 2 cr.

5347 Tax Technology and Analytics

Fundamentals

(A-F or Audit; Prereq: ACCT 5135)

54165 070 LEC, Completely Online; Todd Dannenfeler ; 2 cr.

5348 Advanced ASC 740 Concepts

(A-F or Audit; Prereq: 5346)

65661 200 LEC, 17:45-21:05 M, Carlson School of Mgmt L-118, In Person Term Based; Nicholas Frank ; 2 cr.

5360 State and Local Taxation

(A-F or Audit; Prereq: Acct 5135, MBT student)

53783 200 LEC, 17:45-21:05 W, Carlson School of Mgmt 2-224, In Person Term Based; Dale Busacker, Maureen Pechacek ; 2 cr.

5381 Tax Aspects of International Business

II

(A-F or Audit; Prereq: MBT 5380)

65660 200 LEC, 17:45-21:05 M, Carlson School of Mgmt L-118, In Person Term Based; Joseph Gilligan ; 2 cr.

5420 Current Topics in Taxation

(A-F or Audit; Prereq: ACCT 5135, MBT student)

53852 200 IND, 00:00-00:00 , In Person Term Based; 1-4 cr.

5500 Business, Government, and

Economic Tax Policy

(A-F only; Prereq: MBT 5230)

53903 200 LEC, 17:45-21:05 Th, Carlson School of Mgmt 2-228, In Person Term Based; Roger Conlon ; 2 cr.

Master of Development Practice (MDP)

5002 Program Development Workshop

(A-F only; Prereq: MDP grad student or instr consent)

54690 001 DIS, 14:30-15:30 W, Peters Hall 145, 13:30-16:30 M, Biological Sciences Ctr 12, In Person Term Based; 3 cr.

5005 Qualitative Methods for Development

Practice

(A-F only;)

69783 001 LAB, 12:45-14:00 TTh, Social Sciences Building 278, In Person Term Based; Emily Springer ; 3 cr.

5200 Capstone Workshop in Development

Practice

(A-F or Audit; Prereq: MDP grad student or instr consent)

54727 001 LEC, 16:30-19:30 T, No Room Required, In Person Term Based; David Wilsey ; 3 cr.

Master of Science in Finance (MSF)

6224 Corporate Finance Analysis and

Decisions

(A-F only;)

70215 090 LEC, 17:45-21:05 W, Room TBA, In Person Term Based; Richard Thakor ; 2 cr.

6321 Quantitative Portfolio Analysis

(A-F only; Prereq: Fall A Cohort Completion)

54136 001 LEC, 15:45-17:25 TTh, Carlson School of Mgmt 1-143, In Person Term Based; Frederico Belo ; 2 cr.

6522 Derivatives and Risk Management

(A-F only; Prereq: Fall A Cohort Completion)

54135 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt 2-219, In Person Term Based; Hengjie Ai ; 2 cr.

6801 Finance Independent Study Masters Program

(Student Option; Prereq: instr consent)

70216 001 LEC, In Person Term Based; 1-6 cr.
70325 002 LEC, In Person Term Based; 1-6 cr.

6821 Experiential Learning

(A-F only; Prereq: completion of Fall Cohort.)

54134 001 LAB, 11:50-13:30 TTh, Carlson School of Mgmt 1-143, In Person Term Based; Aamir Khan ; 4 cr.

Masters of Business Analytics (MSBA)

6250 Analytics for Competitive Advantage II

(A-F only;)

67376 090 LEC, 17:45-20:15 T, Carlson School of Mgmt 1-149, In Person Term Based; Brad Greenwood ; 3 cr.

6320 Data Management, Databases, and Data Warehousing

(A-F only;)

54109 090 LEC, Completely Online; Vedran Lelas ; 3 cr.

6330 Big Data Analytics

(A-F only;)

67982 090 LEC, 17:45-20:15 M, Carlson School of Mgmt L-122, Primarily Online; Donald Sawyer ; 3 cr.

6345 Project Management of Analytics Projects

(A-F only; Prereq: MSBA student)

67137 001 LEC, 9:00-10:30 M, Carlson School of Mgmt L-118, In Person Term Based; ELLEN TRADER ; 1.5 cr.
67138 002 LEC, 10:30-12:00 M, Carlson School of Mgmt 2-206, In Person Term Based; ELLEN TRADER ; 1.5 cr.

6355 Building and Managing Teams

(A-F only;)

67572 001 LEC, 17:00-21:00 M, Carlson School of Mgmt 2-233, In Person Term Based; Svetlana Madzar ; 0-1.5 cr.
67573 002 LEC, 17:00-21:00 T, Room TBA, In Person Term Based; 0-1.5 cr.

6430 Advanced Issues in Business Analytics

(A-F only;)

54093 001 LEC, 15:30-18:00 TTh, Room TBA, In Person Term Based; Akhmed Umyarov ; 3 cr.
54176 002 LEC, 12:15-14:45 MW, Carlson School of Mgmt 2-206, In Person Term Based; Akhmed Umyarov ; 3 cr.

6440 Data-Driven Experimentation and Measurement

(A-F only;)

54094 001 LEC, 12:30-15:00 MW, Carlson School of Mgmt 1-149, In Person Term Based; Maria-Ana Vitorino ; 3 cr.
54177 002 LEC, 15:30-18:00 MW, Carlson School of Mgmt 2-206, In Person Term Based; Maria-Ana Vitorino ; 3 cr.
54231 090 LEC, 17:45-20:15 T, Carlson School of Mgmt 1-114, In Person Term Based; Maria-Ana Vitorino ; 3 cr.

6450 Modeling and Heuristics for Decision Making and Support

(A-F only;)

54095 001 LEC, 9:30-12:00 TTh, Carlson School of Mgmt 1-149, In Person Term Based; Soumya Sen ; 3 cr.
54178 002 LEC, 13:30-16:00 TTh, Carlson School of Mgmt 2-206, In Person Term Based; Soumya Sen ; 3 cr.

6510 Business Analytics Experiential Learning

(A-F only;)

54096 001 FWK, 9:00-12:00 MW, Carlson School of Mgmt 1-149, In Person Term Based; Jason Chan, Edward McFowland, Yicheng Song, Gordon Burch, Gediminas Adomavicius, Gautam Ray, Soumya Sen, Alok Gupta, Ken Reilly, Song Yao, Akhmed Umyarov ; 6 cr.
54179 002 FWK, 9:00-12:00 TTh, Carlson School of Mgmt 2-206, In Person Term Based; Gordon Burch,

Gediminas Adomavicius, Gautam Ray, Jason Chan, Edward McFowland, Yicheng Song, Soumya Sen, Alok Gupta, Ken Reily, Song Yao, Akhmed Umyarov ; 6 cr.

6515 Capstone Project in Analytics

(A-F only;)

67375 090 LAB, 17:45-20:15 W, Carlson School of Mgmt 2-233, In Person Term Based; Brad Greenwood ; 0-3 cr.

Materials Science (MATS)

2001 Introduction to the Science of Engineering Materials

(A-F only; Prereq: CHEM 1061, CHEM 1065, [MATH 1272 or MATH 1372], PHYS 1301W, CSE student)

55421 001 LEC, 10:10-11:00 MWF, Fraser Hall 102, In Person Term Based; Renee Christensen ; 3 cr.

2002 Introduction to the Science of Engineering Materials Laboratory

(A-F only; Prereq: [2001 or concurrent registration is required (or allowed) in 2001], IT student)

56517 001 LAB, 14:30-17:30 M, Amundson Hall 16, In Person Term Based; Jeffrey Schott ; 1 cr.

56518 002 LAB, 14:30-17:30 T, Amundson Hall 16, In Person Term Based; Jeffrey Schott ; 1 cr.

56519 003 LAB, 14:30-17:30 Th, Amundson Hall 16, In Person Term Based; Jeffrey Schott ; 1 cr.

56520 004 LAB, 14:30-17:30 F, Amundson Hall 16, In Person Term Based; Jeffrey Schott ; 1 cr.

3002 Mass Transport and Kinetics

(A-F or Audit; Prereq: 4001, CE 3101, [MATH 2373 or equiv], upper div MatS)

55426 001 LEC, 8:00- 8:50 MWF, Rapson Hall 43, In Person Term Based; Bharat Jalan ; 3 cr.

56449 002 DIS, 14:30-15:20 Th, Amundson Hall 124, In Person Term Based; Bharat Jalan ; 3 cr.

57333 003 DIS, 15:35-16:25 Th, Amundson Hall 124, In Person Term Based; Bharat Jalan ; 3 cr.

3011 Introduction to Materials Science and Engineering

(Student Option; Prereq: CHEM 1061, CHEM 1065, [MATH 1272 or MATH 1372], PHYS 1302, CSE student)

55723 001 LEC, 14:30-15:20 MWF, Amundson Hall B75, In Person Term Based; Mahesh Mahanthappa ; 3 cr.

55724 002 DIS, 8:00- 8:50 T, Amundson Hall 156, In Person Term Based; Mahesh Mahanthappa ; 3 cr.

55725 003 DIS, 10:10-11:00 T, Ford Hall 127, In Person Term Based; Mahesh Mahanthappa ; 3 cr.

55744 005 DIS, 12:20-13:10 T, Amundson Hall 156, In Person Term Based; Mahesh Mahanthappa ; 3 cr.

56988 006 DIS, 11:15-12:05 T, Amundson Hall 156, In Person Term Based; Mahesh Mahanthappa ; 3 cr.

3141 Numerical Methods for Material Science

(A-F only; Prereq: concurrent registration in MATS 3002 recommended)

57765 001 LEC, 9:05- 9:55 MWF, Civil Engineering Bldg 212, In Person Term Based; Andre Mkhoyan ; 3 cr.

57766 002 DIS, 14:30-15:20 T, Amundson Hall 158, In Person Term Based; Andre Mkhoyan ; 3 cr.

57767 003 DIS, 15:35-16:25 T, Amundson Hall 124, In Person Term Based; Andre Mkhoyan ; 3 cr.

3851W Materials Properties Lab

(A-F or Audit; Prereq: [3801, 3013, MatS upper div] or dept consentWI)

55720 001 LEC, 15:35-16:25 MW, Rapson Hall 43, In Person Term Based; David Flannigan ; 4 cr.

55721 002 LAB, 8:00-11:00 T, Amundson Hall 47, In Person Term Based; David Flannigan ; 4 cr.

56510 003 LAB, 8:00-11:00 Th, Amundson Hall 47, In Person Term Based; David Flannigan ; 4 cr.

57334 004 LAB, 11:15-14:15 Th, Amundson Hall 47, In Person Term Based; David Flannigan ; 4 cr.

57723 005 LAB, 11:15-14:15 T, Amundson Hall 47, In Person Term Based; David Flannigan ; 4 cr.

4214 Polymers

(A-F or Audit; Prereq: [3011, [3001 or CHEN 3101], upper div MatS or ChEn] or instr consent)

56833 001 LEC, 11:15-12:05 MWF, Bruininks Hall 230, In Person Term Based; Meets With: 001 CHEN 4214001 CHEM 4214; Xiang Cheng ; 3 cr.

4223W Polymer Laboratory

(Student Option; Prereq: 4214 or CHEM 4214 or CHEM 4221 or MATS 4214 or instr consentWI)

55895 001 LEC, 8:00- 8:50 W, Smith Hall 231, In Person Term Based; Meets With: 001 CHEM 4223W001 CHEN 4223W; Theresa Reineke ; 2 cr.

55967 002 LAB, 8:00-11:50 Th, Smith Hall 249A, In Person Term Based; Meets With: 002 CHEM 4223W002 CHEN 4223W; Theresa Reineke ; 2 cr.

55968 003 LAB, 8:00-11:50 T, Smith Hall 249A, In Person Term Based; Meets With: 003 CHEM 4223W003 CHEN 4223W; Theresa Reineke ; 2 cr.

4301W Materials Processing

(A-F only; Prereq: 4212, [4214 or concurrent registration is required (or allowed) in 4214] Upper Div MatSWI)

55437 001 LEC, 13:25-14:15 MWF, Rapson Hall 43, In Person Term Based; Lorraine Francis ; 4 cr.

55438 002 LAB, 14:30-17:30 M, Amundson Hall 47, In Person Term Based; Lorraine Francis ; 4 cr.

55439 003 LAB, 14:30-17:30 T, Amundson Hall 47, In Person Term Based; Lorraine Francis ; 4 cr.

55828 004 LAB, 14:30-17:30 W, Amundson Hall 47, In Person Term Based; Lorraine Francis ; 4 cr.

57030 005 LAB, 13:25-16:25 Th, Lab TBA, In Person Term Based; Lorraine Francis ; 4 cr.

4400 Senior Design Project

(A-F only; Prereq: Sr MatS major)

55440 001 LEC, 10:10-11:00 T, Armory Building 116, 10:10-11:00 MWF, Armory Building 202, In Person Term Based; Russell Holmes ; 3 cr.

4591 Independent Study in Materials Science

(Student Option No Audit; Prereq: Upper div mat sci)

55441 001 IND, 00:00-00:00 , In Person Term Based; Chris Leighton ; 1-3 cr.

4593 Directed Study in Materials Science

(A-F only; Prereq: upper div MatS)

55442 001 IND, 00:00-00:00 , In Person Term Based; Chris Leighton ; 1-4 cr.

4594 Directed Research in Materials Science

(Student Option No Audit; Prereq: Upper div mat sci)

55443 001 IND, 00:00-00:00 , In Person Term Based; Chris Leighton ; 1-3 cr.

5531 Electrochemical Engineering

(Student Option; Prereq: MatS 3011 or instr consent, upper div CSE or grad)

56948 001 LEC, 14:30-15:20 MWF, Amundson Hall 156, In Person Term Based; Meets With: 001 CHEN 5531; William Smyrl ; 3 cr.

8003 Electronic Properties

(A-F or Audit; Prereq: instr consent)

55491 001 LEC, 8:30- 9:55 MWF, Amundson Hall 156, In Person Term Based; Chris Leighton ; 3 cr.

8004 Mechanical Properties

(A-F or Audit;)

55492 001 LEC, 10:10-12:05 TTh, Amundson Hall 158, In Person Term Based; Jeffrey Derby ; 3 cr.

8211 Physical Chemistry of Polymers

(Student Option; Prereq: Undergrad physical chem or instr consent)

55896 001 LEC, 14:30-15:45 TTh, Smith Hall 331, In Person Term Based; Meets With: 001 CHEM 8211; Timothy Lodge ; 4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

55646 001 IND, 00:00-00:00 , In Person Term Based; Russell Holmes ; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

55662 001 IND, 00:00-00:00 , In Person Term Based; Russell Holmes ; 1 cr.

8555 MatS Teaching Practicum

(S-N only; Prereq: Grad MATS or ChEn major and DGS permission)

57526 001 FWK, 00:00-00:00 , In Person Term Based; Russell Holmes ; 1-6 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for

1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

55680 001 IND, 00:00-00:00 , In Person Term Based; Russell Holmes, Sarah Holewa ; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

55698 001 IND, 00:00-00:00 , In Person Term Based; Russell Holmes ; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

55718 001 IND, 00:00-00:00 , In Person Term Based; Russell Holmes ; 1-24 cr.

8993 Directed Study

(Student Option;)

55522 001 LEC, 00:00-00:00 , In Person Term Based; Russell Holmes ; 1-12 cr.

8994 Directed Research

(Student Option;)

55523 001 LEC, 00:00-00:00 , In Person Term Based; Russell Holmes ; 1-12 cr.

Mathematics (MATH)

1001 Excursions in Mathematics

(Student Option; Prereq: 3 yrs high school math or placement exam or [grade of at least C- in PSTL 731 or 732]MATH)

54985 010 LEC, 11:15-12:05 MWF, Tate Hall 110, In Person Term Based; 3 cr.

54986 011 DIS, 10:10-11:00 Th, Vincent Hall 207, In Person Term Based; 3 cr.

54987 012 DIS, 11:15-12:05 Th, Vincent Hall 207, In Person Term Based; 3 cr.

1031 College Algebra and Probability

(Student Option; Prereq: 3 yrs high school math or satisfactory score on placement exam or grade of at least C- in [PSTL 731 or PSTL 732 or CI 0832]MATH)

55192 001 LEC, 18:00-20:05 MW, Tate Hall B65, In Person Term Based; 3 cr.

55193 002 LEC, 18:00-20:05 TTh, Lind Hall 229, In Person Term Based; 3 cr.

55194 021 DIS, 14:30-15:20 TTh, Vincent Hall 209, In Person Term Based; 3 cr.

55195 022 DIS, 14:30-15:20 TTh, Vincent Hall 207, In Person Term Based; 3 cr.

55196 023 DIS, 15:35-16:25 TTh, Folwell Hall 105, In Person Term Based; 3 cr.

55802 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Pat Kinney ; 3 cr.

55826 020 LEC, 14:30-15:20 MWF, Rapson Hall 45, In Person Term Based; 3 cr.

57011 010 LEC, 10:10-11:00 MWF, Bruininks Hall 312, In Person Term Based; Mike Weimerskirch ; 3 cr.

57012 011 DIS, 11:15-12:05 TTh, Appleby Hall 219, In Person Term Based; 3 cr.

57013 012 DIS, 11:15-12:05 TTh, Vincent Hall 2, In Person Term Based; 3 cr.

57014 013 DIS, 12:20-13:10 TTh, Appleby Hall 103, In Person Term Based; 3 cr.

1038 College Algebra and Probability Submodule

(A-F or Audit; Prereq: 1051 or 1151 or 1155)

57015 001 LEC, In Person Term Based; 1 cr.

1051 Precalculus I

(Student Option; Prereq: 3 yrs of high school math or satisfactory score on placement test or grade of at least C- in [PSTL 731 or PSTL 732 or CI 0832]MATH)

55496 011 DIS, 14:30-15:20 TTh, Bruininks Hall 530A, In Person Term Based; 3 cr.

55497 012 DIS, 14:30-15:20 TTh, Bruininks Hall 530B, In Person Term Based; 3 cr.

55498 013 DIS, 15:35-16:25 TTh, Bruininks Hall 530A, In Person Term Based; 3 cr.

55499 014 DIS, 15:35-16:25 TTh, Bruininks Hall 530B, In Person Term Based; 3 cr.

55825 010 LEC, 14:30-15:20 MWF, Bruininks Hall 412, In Person Term Based; 3 cr.

55885 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Robert Hank ; 3 cr.

1142 Short Calculus

(Student Option; Prereq: Satisfactory score on placement test or grade of at least C- in [1031 or 1051]MATH)

54988 001 LEC, 18:00-20:05 MW, Lind Hall 302, In Person Term Based; ; 4 cr.
 54989 010 LEC, 8:30- 9:20 MWF, Ruttan Hall B25, In Person Term Based; ; 4 cr.
 54990 011 DIS, 8:30- 9:20 TTh, Haecker Hall 205, In Person Term Based; 4 cr.
 54991 020 LEC, 14:30-15:20 MWF, Fraser Hall 102, In Person Term Based; ; 4 cr.
 54992 021 DIS, 14:30-15:20 TTh, Vincent Hall 6, In Person Term Based; 4 cr.
 54993 022 DIS, 14:30-15:20 TTh, Vincent Hall 211, In Person Term Based; 4 cr.
 54994 023 DIS, 15:35-16:25 TTh, Lind Hall 203, In Person Term Based; 4 cr.
 54995 024 DIS, 15:35-16:25 TTh, Lind Hall 229, In Person Term Based; 4 cr.
 55528 002 LEC, 18:00-20:05 TTh, Lind Hall 302, In Person Term Based; ; 4 cr.
 55809 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Judith Franklin ; 4 cr.

1151 Precalculus II**(Student Option; Prereq: Satisfactory score on placement exam or grade of at least C- in [1031 or 1051]MATH)**

55500 001 LEC, 18:00-20:05 MW, Lind Hall 217, In Person Term Based; ; 3 cr.
 55501 010 LEC, 9:05- 9:55 MWF, Bruininks Hall 312, In Person Term Based; ; 3 cr.
 55502 011 DIS, 9:05- 9:55 Th, Bruininks Hall 432B, In Person Term Based; 3 cr.
 55503 012 DIS, 9:05- 9:55 Th, Bruininks Hall 432A, In Person Term Based; 3 cr.
 55504 013 DIS, 10:10-11:00 Th, Bruininks Hall 432B, In Person Term Based; 3 cr.
 55505 014 DIS, 10:10-11:00 Th, Bruininks Hall 432A, In Person Term Based; 3 cr.
 55506 020 LEC, 11:15-12:05 MWF, Bruininks Hall 312, In Person Term Based; ; 3 cr.
 55507 021 DIS, 14:30-15:20 Th, Bruininks Hall 432B, In Person Term Based; 3 cr.
 55508 022 DIS, 14:30-15:20 Th, Bruininks Hall 432A, In Person Term Based; 3 cr.
 55509 023 DIS, 15:35-16:25 Th, Bruininks Hall 432B, In Person Term Based; 3 cr.
 55510 024 DIS, 15:35-16:25 Th, Bruininks Hall 432A, In Person Term Based; 3 cr.
 55623 002 LEC, 18:00-20:05 TTh, Amundson Hall 158, In Person Term Based; ; 3 cr.
 61289 301 LEC, Completely Online; Robert Hank ; 3 cr.

1271 Calculus I**(Student Option; Prereq: 4 yrs high school math including trig or satisfactory score on placement test or grade of at least C- in [1151 or 1155]MATH)**

54996 001 LEC, 18:00-20:05 MW, Ford Hall B15, In Person Term Based; ; 4 cr.
 54997 002 LEC, 18:00-20:05 TTh, Amundson Hall 240, In Person Term Based; ; 4 cr.
 54998 010 LEC, 8:00- 8:50 MWF, Vincent Hall 16, In Person Term Based; Manuel Sanchez Uribe ; 4 cr.
 54999 011 DIS, 8:00- 8:50 TTh, Vincent Hall 207, In Person Term Based; 4 cr.
 55000 012 DIS, 8:00- 8:50 TTh, Vincent Hall 206, In Person Term Based; 4 cr.
 55001 013 DIS, 9:05- 9:55 TTh, Appleby Hall 226, In Person Term Based; 4 cr.
 55002 014 DIS, 9:05- 9:55 TTh, Ford Hall B15, In Person Term Based; 4 cr.
 55003 030 LEC, 11:15-12:05 MWF, Keller Hall 3-210, In Person Term Based; Daniel Johnstone ; 4 cr.
 55004 031 DIS, 11:15-12:05 TTh, Akerman Hall 215, In Person Term Based; 4 cr.
 55005 032 DIS, 11:15-12:05 TTh, Akerman Hall 317, In Person Term Based; 4 cr.
 55006 033 DIS, 11:15-12:05 TTh, Appleby Hall 319, In Person Term Based; 4 cr.
 55007 034 DIS, 12:20-13:10 TTh, Tate Hall B65, In Person Term Based; 4 cr.
 55008 040 LEC, 13:25-14:15 MWF, Fraser Hall 102, In Person Term Based; Joseph Feneuil ; 4 cr.
 55009 041 DIS, 13:25-14:15 TTh, Ford Hall B80, In Person Term Based; 4 cr.
 55010 042 DIS, 13:25-14:15 TTh, Vincent Hall 113, In Person Term Based; 4 cr.
 55011 043 DIS, 13:25-14:15 TTh, Lind Hall 229, In Person Term Based; 4 cr.
 55012 044 DIS, 14:30-15:20 TTh, Lind Hall 229, In Person Term Based; 4 cr.
 55811 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Scott Flancher ; 4 cr.
 56450 035 DIS, 12:20-13:10 TTh, Appleby Hall 226, In Person Term Based; 4 cr.

56850 036 DIS, 12:20-13:10 TTh, Ford Hall B15, In Person Term Based; 4 cr.
 57016 045 DIS, 14:30-15:20 TTh, Lind Hall 203, In Person Term Based; 4 cr.
 57247 050 LEC, 15:35-16:25 MWF, Fraser Hall 102, In Person Term Based; Daniel Johnstone ; 4 cr.
 57248 051 DIS, 15:35-16:25 TTh, Tate Hall B85, In Person Term Based; 4 cr.
 57249 052 DIS, 15:35-16:25 TTh, Peik Hall 315, In Person Term Based; 4 cr.
 57250 053 DIS, 16:40-17:30 TTh, Folwell Hall 105, In Person Term Based; 4 cr.
 57251 054 DIS, 16:40-17:30 TTh, Tate Hall B55, In Person Term Based; 4 cr.

1272 Calculus II**(Student Option; Prereq: [1271 or equiv] with grade of at least C-)**

55013 001 LEC, 18:00-20:05 MW, Ford Hall 115, In Person Term Based; ; 4 cr.
 55014 010 LEC, 9:05- 9:55 MWF, Anderson Hall 270, In Person Term Based; Simon Bortz ; 4 cr.
 55015 011 DIS, 9:05- 9:55 TTh, Vincent Hall 6, In Person Term Based; 4 cr.
 55016 012 DIS, 9:05- 9:55 TTh, Vincent Hall 207, In Person Term Based; 4 cr.
 55017 013 DIS, 9:05- 9:55 TTh, Vincent Hall 206, In Person Term Based; 4 cr.
 55018 014 DIS, 10:10-11:00 TTh, Kolthoff Hall 135, In Person Term Based; 4 cr.
 55019 030 LEC, 12:20-13:10 MWF, Fraser Hall 101, In Person Term Based; Weiyang Chen ; 4 cr.
 55020 031 DIS, 12:20-13:10 TTh, Lind Hall 229, In Person Term Based; 4 cr.
 55021 032 DIS, 12:20-13:10 TTh, Lind Hall 203, In Person Term Based; 4 cr.
 55022 033 DIS, 12:20-13:10 TTh, Lind Hall 217, In Person Term Based; 4 cr.
 55023 034 DIS, 13:25-14:15 TTh, Lind Hall 203, In Person Term Based; 4 cr.
 55024 040 LEC, 15:35-16:25 MWF, Fraser Hall 101, In Person Term Based; Weiyang Chen ; 4 cr.
 55025 041 DIS, 15:35-16:25 TTh, Folwell Hall 121, In Person Term Based; 4 cr.
 55026 042 DIS, 15:35-16:25 TTh, Rapson Hall 56, In Person Term Based; 4 cr.
 55027 043 DIS, 16:40-17:30 TTh, Lind Hall 302, In Person Term Based; 4 cr.
 55028 044 DIS, 16:40-17:30 TTh, Lind Hall 203, In Person Term Based; 4 cr.
 55529 002 LEC, 18:00-20:05 TTh, Appleby Hall 319, In Person Term Based; ; 4 cr.
 55813 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Kimberly Logan ; 4 cr.
 56379 015 DIS, 10:10-11:00 TTh, Kolthoff Hall 134, In Person Term Based; 4 cr.
 56380 016 DIS, 10:10-11:00 TTh, Kolthoff Hall 133, In Person Term Based; 4 cr.
 56451 035 DIS, 13:25-14:15 TTh, Amundson Hall 162, In Person Term Based; 4 cr.
 57017 036 DIS, 13:25-14:15 TTh, Vincent Hall 2, In Person Term Based; 4 cr.

1372 CSE Calculus II**(Student Option; Prereq: Grade of at least C- in [1371 or equiv], CSE or pre-Bioprod/Biosys Engr)**

55255 020 LEC, 9:05- 9:55 MW, Anderson Hall 330, In Person Term Based; Jennie Nash ; 4 cr.
 55256 021 DIS, 8:00- 9:55 Th, Amundson Hall 158, 8:00- 8:50 T, Amundson Hall 158, In Person Term Based; 4 cr.
 55257 022 DIS, 10:10-12:05 Th, Vincent Hall 1, 10:10-11:00 T, Vincent Hall 207, In Person Term Based; 4 cr.
 55258 023 DIS, 10:10-12:05 Th, Vincent Hall 113, 11:15-12:05 T, Vincent Hall 207, In Person Term Based; 4 cr.
 55259 024 DIS, 12:20-14:15 Th, Tate Hall 110, 12:20-13:10 T, Vincent Hall 209, In Person Term Based; 4 cr.
 55260 030 LEC, 13:25-14:15 MW, Tate Hall 101, In Person Term Based; Chester Miracle ; 4 cr.
 55261 031 DIS, 10:10-12:05 Th, Vincent Hall 213, 10:10-11:00 T, Vincent Hall 213, In Person Term Based; 4 cr.
 55262 032 DIS, 10:10-12:05 Th, Vincent Hall 364, 11:15-12:05 T, Vincent Hall 213, In Person Term Based; 4 cr.
 55263 033 DIS, 12:20-14:15 Th, Amundson Hall 156, 12:20-13:10 T, Vincent Hall 207, In Person Term Based; 4 cr.
 55264 034 DIS, 12:20-14:15 Th, Vincent Hall 209, 13:25-14:15 T, Vincent Hall 207, In Person Term Based; 4 cr.
 55265 040 LEC, 14:30-15:20 MW, Nicholson Hall 35, In Person Term Based; ; 4 cr.
 55266 042 DIS, 10:10-12:05 Th, Elliott Hall N119, 10:10-11:00 T, Vincent Hall 206, In Person Term Based; 4 cr.

55267 043 DIS, 12:20-14:15 Th, Vincent Hall 207, 12:20-13:10 T, Vincent Hall 213, In Person Term Based; 4 cr.
 55767 044 DIS, 12:20-14:15 Th, Vincent Hall 213, 13:25-14:15 T, Vincent Hall 213, In Person Term Based; 4 cr.
 55914 025 DIS, 14:30-16:25 Th, Kolthoff Hall 138, 14:30-15:20 T, Vincent Hall 206, In Person Term Based; 4 cr.
 55915 035 DIS, 14:30-16:25 Th, Bruininks Hall 123, 15:35-16:25 T, Bruininks Hall 121, In Person Term Based; 4 cr.
 55916 045 DIS, 14:30-16:25 Th, Bruininks Hall 121, 14:30-15:20 T, Vincent Hall 213, In Person Term Based; 4 cr.

1572H Honors Calculus II**(A-F only; Prereq: 1571H, honors student, permission of University Honors Program)**

55276 010 LEC, 10:10-11:00 MWF, Vincent Hall 311, In Person Term Based; Anar Akhmedov ; 4 cr.
 55277 011 DIS, 10:10-11:00 TTh, Vincent Hall 2, In Person Term Based; 4 cr.

2241 Mathematical Modeling of Biological Systems**(Student Option; Prereq: [1241 or 1271 or 1371] w/ grade of at least C-)**

57760 001 DIS, 11:15-12:30 MW, Bruininks Hall 432B, In Person Term Based; Duane Nykamp ; 3 cr.

2243 Linear Algebra and Differential Equations**(Student Option; Prereq: [1272 or 1282 or 1372 or 1572] w/grade of at least C-)**

55029 001 LEC, 18:00-20:05 MW, Ford Hall 110, In Person Term Based; ; 4 cr.
 55030 010 LEC, 11:15-12:05 MWF, Tate Hall 105, In Person Term Based; Maury Bramson ; 4 cr.
 55031 011 DIS, 9:05- 9:55 TTh, Lind Hall 215, In Person Term Based; 4 cr.
 55032 013 DIS, 10:10-11:00 TTh, Appleby Hall 319, In Person Term Based; 4 cr.
 55033 014 DIS, 10:10-11:00 TTh, Appleby Hall 219, In Person Term Based; 4 cr.
 55034 020 LEC, 15:35-16:25 MWF, Vincent Hall 16, In Person Term Based; Maury Bramson ; 4 cr.
 55035 021 DIS, 14:30-15:20 TTh, Ford Hall 115, In Person Term Based; 4 cr.
 55036 022 DIS, 14:30-15:20 TTh, Akerman Hall 227, In Person Term Based; 4 cr.
 55037 023 DIS, 15:35-16:25 TTh, Pillsbury Hall 105, In Person Term Based; 4 cr.
 55531 002 LEC, 18:00-20:05 TTh, Amundson Hall 124, In Person Term Based; ; 4 cr.
 55817 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Alice Nadeau ; 4 cr.
 56927 012 DIS, 9:05- 9:55 TTh, Vincent Hall 311, In Person Term Based; 4 cr.
 56928 024 DIS, 15:35-16:25 TTh, Appleby Hall 319, In Person Term Based; 4 cr.
 57003 015 DIS, 10:10-11:00 TTh, Burton Hall 123, In Person Term Based; 4 cr.

2263 Multivariable Calculus**(Student Option; Prereq: [1272 or 1372 or 1572] w/ grade of at least C-)**

55038 001 LEC, 18:00-20:05 MW, Ford Hall B10, In Person Term Based; ; 4 cr.
 55039 010 LEC, 11:15-12:05 MWF, Fraser Hall 101, In Person Term Based; Nicholas Early ; 4 cr.
 55040 012 DIS, 11:15-12:05 TTh, Tate Hall B65, In Person Term Based; 4 cr.
 55041 013 DIS, 11:15-12:05 TTh, Lind Hall 229, In Person Term Based; 4 cr.
 55042 014 DIS, 12:20-13:10 TTh, Lind Hall 215, In Person Term Based; 4 cr.
 55043 020 LEC, 13:25-14:15 MWF, Nicholson Hall 155, In Person Term Based; ; 4 cr.
 55044 021 DIS, 13:25-14:15 TTh, Lind Hall 217, In Person Term Based; 4 cr.
 55045 022 DIS, 13:25-14:15 TTh, Lind Hall 215, In Person Term Based; 4 cr.
 55046 023 DIS, 13:25-14:15 TTh, Vincent Hall 6, In Person Term Based; 4 cr.
 55815 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Jonathan Roth ; 4 cr.
 55913 011 DIS, 11:15-12:05 TTh, Tate Hall 110, In Person Term Based; 4 cr.
 56926 024 DIS, 14:30-15:20 TTh, Lind Hall 217, In Person Term Based; 4 cr.
 57004 025 DIS, 14:30-15:20 TTh, Lind Hall 215, In Person Term Based; 4 cr.
 57593 015 DIS, 12:20-13:10 TTh, Vincent Hall 6, In Person Term Based; 4 cr.

2283 Sequences, Series, and Foundations

(Student Option; Prereq: [concurrent registration is required (or allowed) in 2243 or concurrent registration is required (or allowed) in 2263 or concurrent registration is required (or allowed) in 2373 or concurrent registration is required (or allowed) in 2374] w/grade of at least C-)

55047 010 LEC, 12:20-13:10 MW, Pillsbury Hall 110, In Person Term Based; Anar Akhmedov ; 3 cr.
55048 011 DIS, 12:20-13:10 TTh, Vincent Hall 211, In Person Term Based; 3 cr.
56996 012 DIS, 13:25-14:15 TTh, Vincent Hall 211, In Person Term Based; 3 cr.

2373 CSE Linear Algebra and Differential Equations

(Student Option; Prereq: [1272 or 1282 or 1372 or 1572] w/grade of at least C-, CSE or pre-Bio Prod/Biosys Engr)

55615 010 LEC, 9:05- 9:55 MW, Blegen Hall 10, In Person Term Based; Terrence Stanley ; 4 cr.
55616 012 DIS, 9:05- 9:55 Th, Lind Hall 40, 8:00- 8:50 TTh, Vincent Hall 2, In Person Term Based; ; 4 cr.
55617 013 DIS, 10:10-11:00 Th, Lind Hall 40, 9:05- 9:55 TTh, Vincent Hall 20, In Person Term Based; 4 cr.
55618 014 DIS, 11:15-12:05 Th, Lind Hall 40, 10:10-11:00 TTh, Lind Hall 203, In Person Term Based; 4 cr.
55619 020 LEC, 14:30-15:20 MW, Fraser Hall 101, In Person Term Based; Natalie Sheils ; 4 cr.
55620 021 DIS, 9:05- 9:55 T, Lind Hall 40, 8:00- 8:50 TTh, Vincent Hall 1, In Person Term Based; 4 cr.
55621 022 DIS, 10:10-11:00 T, Lind Hall 40, 9:05- 9:55 TTh, Vincent Hall 2, In Person Term Based; 4 cr.
55627 015 DIS, 12:20-13:10 Th, Lind Hall 40, 11:15-12:05 TTh, Lind Hall 203, In Person Term Based; 4 cr.
56717 023 DIS, 11:15-12:05 T, Lind Hall 40, 10:10-11:00 TTh, Ford Hall B10, In Person Term Based; 4 cr.
56881 030 LEC, 15:35-16:25 MW, Amundson Hall B75, In Person Term Based; Terrence Stanley ; 4 cr.
56882 031 DIS, 13:25-14:15 T, Lind Hall 40, 12:20-13:10 TTh, Vincent Hall 113, In Person Term Based; 4 cr.
56883 032 DIS, 14:30-15:20 T, Lind Hall 40, 13:25-14:15 TTh, Vincent Hall 311, In Person Term Based; 4 cr.
56884 033 DIS, 15:35-16:25 T, Lind Hall 40, 14:30-15:20 TTh, Vincent Hall 311, In Person Term Based; 4 cr.
56885 034 DIS, 16:40-17:30 T, Lind Hall 40, 15:35-16:25 TTh, Lind Hall 215, In Person Term Based; 4 cr.
56886 024 DIS, 12:20-13:10 T, Lind Hall 40, 11:15-12:05 TTh, Vincent Hall 311, In Person Term Based; 4 cr.
56930 040 LEC, 13:25-14:15 MW, Fraser Hall 101, In Person Term Based; Natalie Sheils ; 4 cr.
56931 041 DIS, 13:25-14:15 Th, Lind Hall 40, 12:20-13:10 TTh, Vincent Hall 311, In Person Term Based; 4 cr.
56932 042 DIS, 14:30-15:20 Th, Lind Hall 40, 13:25-14:15 TTh, Vincent Hall 20, In Person Term Based; 4 cr.
56933 043 DIS, 15:35-16:25 Th, Lind Hall 40, 14:30-15:20 TTh, Vincent Hall 20, In Person Term Based; 4 cr.
56934 044 DIS, 16:40-17:30 Th, Lind Hall 40, 15:35-16:25 TTh, Lind Hall 217, In Person Term Based; 4 cr.

2374 CSE Multivariable Calculus and Vector Analysis

(Student Option; Prereq: [1272 or 1282 or 1372 or 1572] w/grade of at least C-, CSE or pre-Bioprod/Biosys Engr)

55268 011 DIS, 8:00- 9:55 Th, Vincent Hall 5, 8:00- 8:50 T, Vincent Hall 313, In Person Term Based; 4 cr.
55269 012 DIS, 10:10-12:05 Th, Vincent Hall 5, 10:10-11:00 T, Vincent Hall 313, In Person Term Based; 4 cr.
55270 013 DIS, 12:20-14:15 Th, Vincent Hall 5, 12:20-13:10 T, Vincent Hall 301, In Person Term Based; 4 cr.
55271 020 LEC, 13:25-14:15 WF, Amundson Hall B75, In Person Term Based; ; 4 cr.
55272 021 DIS, 8:00- 9:55 T, Vincent Hall 5, 8:00- 8:50 Th, Vincent Hall 313, In Person Term Based; 4 cr.
55273 022 DIS, 10:10-12:05 T, Vincent Hall 5, 10:10-11:00 Th, Vincent Hall 313, In Person Term Based; 4 cr.
55274 023 DIS, 12:20-14:15 T, Vincent Hall 5, 12:20-13:10 T, Vincent Hall 20, In Person Term Based; 4 cr.
55275 024 DIS, 14:30-16:25 T, Vincent Hall 5, 14:30-15:20 Th, Vincent Hall 313, In Person Term Based; 4 cr.
55622 014 DIS, 14:30-16:25 Th, Vincent Hall 5, 14:30-15:20 T, Vincent Hall 313, In Person Term Based; 4 cr.
55774 010 LEC, 9:05- 9:55 WF, West Bank Skyway 20, In Person Term Based; Ru-yu Lai ; 4 cr.
55823 025 DIS, 16:40-17:30 Th, Vincent Hall 313, 16:40-18:35 T, Vincent Hall 313, In Person Term Based; 4 cr.
56571 015 DIS, 16:40-18:35 Th, Vincent Hall 364, 16:40-17:30 T, Vincent Hall 364, In Person Term Based; 4 cr.

2574H Honors Calculus IV

(A-F only; Prereq: Math 1572H or Math 2573H, honors student and permission of University Honors Program)

55624 010 LEC, 10:10-11:00 MWF, Fraser Hall 101, In Person Term Based; Greg Anderson ; 4 cr.
55625 011 DIS, 9:05- 9:55 TTh, Burton Hall 125, In Person Term Based; ; 4 cr.
55626 012 DIS, 9:05- 9:55 TTh, Lind Hall 217, In Person Term Based; ; 4 cr.
56973 013 DIS, 10:10-11:00 TTh, Cooke Hall 214, In Person Term Based; ; 4 cr.
57097 014 DIS, 10:10-11:00 TTh, Peik Hall 225, In Person Term Based; ; 4 cr.
70129 015 DIS, 10:10-11:00 TTh, Nicholson Hall 120, In Person Term Based; ; 4 cr.

3283W Sequences, Series, and Foundations: Writing Intensive

(Student Option; Prereq: [concurrent registration is required (or allowed) in 2243 or concurrent registration is required (or allowed) in 2263 or concurrent registration is required (or allowed) in 2373 or concurrent registration is required (or allowed) in 2374] w/grade of at least C-WI)

55580 010 LEC, 9:05- 9:55 MWF, Bruininks Hall 230, In Person Term Based; Markus Keel ; 4 cr.
55581 011 DIS, 9:05- 9:55 TTh, Ford Hall B80, In Person Term Based; 4 cr.
56557 012 DIS, 9:05- 9:55 TTh, Lind Hall 229, In Person Term Based; 4 cr.
56558 013 DIS, 9:05- 9:55 TTh, Lind Hall 203, In Person Term Based; 4 cr.
56991 014 DIS, 10:10-11:00 TTh, Burton Hall 125, In Person Term Based; 4 cr.
57253 015 DIS, 10:10-11:00 TTh, Lind Hall 229, In Person Term Based; 4 cr.
57487 016 DIS, 10:10-11:00 TTh, Appleby Hall 303, In Person Term Based; 4 cr.

3593H Honors Mathematics II

(A-F or Audit; Prereq: 3592H or instr consent)

55877 010 LEC, 10:10-11:00 MWF, Vincent Hall 206, In Person Term Based; Peter Webb ; 5 cr.
55878 011 DIS, 10:10-11:00 TTh, Vincent Hall 311, In Person Term Based; 5 cr.

4065 Theory of Interest

(A-F only; Prereq: 1272 or 1372 or 1572)

55187 001 LEC, 10:10-12:05 MW, Amundson Hall 124, In Person Term Based; Katherine Kovarik ; 4 cr.
56993 002 LEC, 10:10-12:05 MW, Ford Hall B80, In Person Term Based; Breanne Richins ; 4 cr.
57118 003 LEC, 17:00-18:40 MW, Amundson Hall 240, In Person Term Based; Thomas Schwartzbauer ; 4 cr.

4067W Actuarial Mathematics in Practice

(A-F only; Prereq: 4065, ACCT 2050, ECON 1101, ECON 1102WI)

57111 001 LEC, 17:00-19:30 W, Bruininks Hall 432B, In Person Term Based; Doreen Vescelius ; 3 cr.

4152 Elementary Mathematical Logic

(Student Option; Prereq: one soph math course or instr consent)

55285 001 LEC, 11:15-12:30 MW, Vincent Hall 113, In Person Term Based; Karel Prikrý ; 3 cr.

4242 Applied Linear Algebra

(Student Option; Prereq: 2243 or 2373 or 2573)

55490 002 LEC, 10:10-11:00 MWF, Vincent Hall 211, In Person Term Based; Antoine Pauthier ; 4 cr.
55594 003 LEC, 12:20-13:10 MWF, Vincent Hall 6, In Person Term Based; Dihua Jiang ; 4 cr.
55824 004 LEC, 12:20-13:10 MWF, Vincent Hall 211, In Person Term Based; Markus Keel ; 4 cr.
56280 001 LEC, 10:10-11:00 MWF, Vincent Hall 6, In Person Term Based; Hao Jia ; 4 cr.
57005 005 LEC, 14:30-15:20 MWF, Vincent Hall 211, In Person Term Based; Antoine Pauthier ; 4 cr.
57073 006 LEC, 14:30-15:20 MWF, Vincent Hall 113, In Person Term Based; Saul Glasman ; 4 cr.

4281 Introduction to Modern Algebra

(Student Option; Prereq: 2283 or 3283 or instr consent)

55879 001 LEC, 9:05- 9:55 MWF, Vincent Hall 113, In Person Term Based; Michael Chmutov ; 4 cr.
57252 002 LEC, 11:15-12:05 MWF, Vincent Hall 211, In Person Term Based; Tian-Jun Li ; 4 cr.

4428 Mathematical Modeling

(Student Option; Prereq: 2243 or 2373 or 2573)

55307 001 LEC, 12:20-13:10 MWF, Vincent Hall 2, In Person Term Based; Kaitlin Hill ; 4 cr.
57356 002 LEC, 10:10-11:00 MWF, Vincent Hall 20, In Person Term Based; ; 4 cr.

4512 Differential Equations with Applications

(Student Option; Prereq: 2243 or 2373 or 2573)

55299 001 LEC, 10:10-11:00 MWF, Vincent Hall 2, In Person Term Based; Carme Calderer ; 3 cr.
57119 002 LEC, 13:25-14:15 MWF, Vincent Hall 311, In Person Term Based; Carme Calderer ; 3 cr.

4567 Applied Fourier Analysis

(Student Option; Prereq: 2243 or 2373 or 2573)

55308 001 LEC, 13:25-14:15 MWF, Vincent Hall 20, In Person Term Based; Sergey Bobkov ; 4 cr.
57120 002 LEC, 15:35-16:25 MWF, Amundson Hall 124, In Person Term Based; Jiaping Wang ; 4 cr.

4604 Advanced Calculus II

(Student Option; Prereq: 4603 or 5615 or instr consent)

57038 001 LEC, 9:05-11:00 TTh, Smith Hall 121, In Person Term Based; Scot Adams ; 4 cr.

4653 Elementary Probability

(Student Option; Prereq: [2263 or 2374 or 2573]; [2283 or 2574 or 3283] recommended)

56491 001 LEC, 10:10-12:05 TTh, Vincent Hall 20, In Person Term Based; Richard Moeckel ; 4 cr.

4707 Introduction to Combinatorics and Graph Theory

(Student Option; Prereq: 2243, [2283 or 3283])

55788 001 LEC, 14:30-16:25 MW, Vincent Hall 311, In Person Term Based; Darij Grinberg ; 4 cr.

4991 Independent Study

(Student Option;)

55512 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.
56542 002 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.
57000 003 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

4992 Directed Reading

(Student Option;)

55513 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.
56720 002 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

4993 Directed Study

(Student Option;)

55514 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

4995 Senior Project for CLA

(A-F or Audit; Prereq: 2 sem of upper div math, dept consent)

55775 001 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
56458 004 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
56459 003 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
56460 002 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
56461 005 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
57007 006 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
57010 007 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.

4997W Senior project (Writing Intensive)

(A-F or Audit; Prereq: 2 sem upper div math, dept consentWI)

55776 001 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
56462 008 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
56463 007 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
56464 006 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
56465 005 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
56466 004 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
56467 003 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
56468 002 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
56545 009 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
56789 010 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
57009 011 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.

70095 012 IND, In Person Term Based; 1 cr.
 70096 013 IND, In Person Term Based; 1 cr.
 70151 014 IND, In Person Term Based; 1 cr.
 70152 015 IND, In Person Term Based; 1 cr.
 70264 016 IND, In Person Term Based; 1 cr.
 70265 017 IND, In Person Term Based; 1 cr.
 70266 018 IND, In Person Term Based; 1 cr.
 70267 019 IND, In Person Term Based; 1 cr.
 70268 020 IND, In Person Term Based; 1 cr.

5068 Actuarial Mathematics II

(Student Option; Prereq: 5067)

55203 001 LEC, 12:20-14:15 MW, Cooke Hall 215, In Person Term Based; Breanne Richins; 4 cr.
 57056 002 LEC, 12:20-14:15 MW, Cooke Hall 214, In Person Term Based; Aileen Lyle; 4 cr.

5076 Mathematics of Options, Futures, and Derivative Securities II

(A-F or Audit; Prereq: 5075)

55582 001 LEC, 14:30-16:25 MW, Tate Hall 120, In Person Term Based; Katherine Kovarik; 4 cr.

5248 Cryptology and Number Theory

(Student Option; Prereq: 2 sems soph math)

56469 001 LEC, 13:00-14:15 MW, Vincent Hall 113, In Person Term Based; Andrew Odlyzko; 4 cr.
 57121 002 LEC, 14:30-15:45 TTh, Vincent Hall 113, In Person Term Based; Dennis Stanton; 4 cr.

5251 Error-Correcting Codes, Finite Fields, Algebraic Curves

(Student Option; Prereq: 2 sems soph math)

55300 001 LEC, 16:00-17:15 MW, Lind Hall 217, In Person Term Based; Andrew Odlyzko; 4 cr.

5286H Honors: Fundamental Structures of Algebra II

(Student Option; Prereq: 5285)

55286 001 LEC, 10:10-11:00 MWF, Vincent Hall 1, In Person Term Based; Adrian Diaconu; 4 cr.

5378 Differential Geometry

(Student Option; Prereq: [2263 or 2374 or 2573], [2243 or 2373 or 2574]; [2283 or 3283] recommended)

55306 001 LEC, 13:25-14:15 MWF, Vincent Hall 2, In Person Term Based; Jack Conn; 4 cr.

5385 Introduction to Computational Algebraic Geometry

(Student Option; Prereq: [2263 or 2374 or 2573], [2243 or 2373 or 2574])

56924 001 LEC, 14:30-15:45 MW, Vincent Hall 207, In Person Term Based; Christine Berkesch; 4 cr.

5445 Mathematical Analysis of Biological Networks

(Student Option; Prereq: Linear algebra, differential equations)

57365 001 LEC, 13:00-14:15 TTh, Vincent Hall 206, In Person Term Based; Hans Othmer; 4 cr.

5486 Introduction To Numerical Methods II

(Student Option; Prereq: 5485)

55511 001 LEC, 13:25-14:15 MWF, Vincent Hall 1, In Person Term Based; Matthias Maier; 4 cr.

5525 Introduction to Ordinary Differential Equations

(Student Option; Prereq: [2243 or 2373 or 2573], [2283 or 2574 or 3283])

55844 001 LEC, 11:15-12:05 MWF, Vincent Hall 6, In Person Term Based; Richard Moeckel; 4 cr.

5588 Elementary Partial Differential Equations II

(A-F or Audit; Prereq: [[2243 or 2373 or 2573], [2263 or 2374 or 2574], 5587] or instr consent)

55583 001 LEC, 14:30-15:45 TTh, Tate Hall B65, In Person Term Based; Vladimir Sverak; 4 cr.

5616H Honors: Introduction to Analysis II

(Student Option; Prereq: 5615)

55297 001 LEC, 12:20-13:10 MWF, Vincent Hall 206, In Person Term Based; Mikhail Safonov; 4 cr.
 55298 002 LEC, 14:30-15:20 MWF, Vincent Hall 206, In Person Term Based; Jack Conn; 4 cr.

5651 Basic Theory of Probability and Statistics

(Student Option; Prereq: [2263 or 2374 or 2573], [2243 or 2373]; [2283 or 2574 or 3283] recommended.)

55309 001 LEC, 10:10-12:05 TTh, Ford Hall B15, In Person Term Based; Victor Reiner; 4 cr.
 55627 002 LEC, 10:10-12:05 TTh, Ford Hall B80, In Person Term Based; Arnab Sen; 4 cr.
 57122 003 LEC, 16:40-18:35 TTh, Tate Hall 120, In Person Term Based; Victor Reiner; 4 cr.

5652 Introduction to Stochastic Processes

(Student Option; Prereq: 5651 or Stat 5101)

55310 001 LEC, 10:10-12:05 TTh, Vincent Hall 6, In Person Term Based; Camelia Pop; 4 cr.
 57123 002 LEC, 10:10-12:05 TTh, Vincent Hall 211, In Person Term Based; Liran Rotem; 4 cr.
 57359 003 LEC, 16:40-18:35 TTh, Ford Hall 115, In Person Term Based; Liran Rotem; 4 cr.

5707 Graph Theory and Non-enumerative Combinatorics

(Student Option; Prereq: [2243 or 2373 or 2573], [2263 or 2374 or 2574]; [2283 or 3283 or experience in writing proofs] highly recommended; Credit will not be granted if credit has been received for: 4707)

55287 001 LEC, 11:15-13:10 MW, Vincent Hall 20, In Person Term Based; Pavlo Pylyavskyy; 4 cr.

5900 Tutorial in Advanced Mathematics

(A-F or Audit;)

55789 001 IND, In Person Term Based; 1-6 cr.
 57001 002 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8152 Axiomatic Set Theory

(A-F or Audit; Prereq: 8151 or instr consent)

67496 001 LEC, 11:15-12:30 MW, Vincent Hall 301, In Person Term Based; William Messing; 3 cr.

8202 General Algebra

(A-F or Audit; Prereq: 8201 or instr consent)

57023 001 LEC, 9:05-9:55 MWF, Vincent Hall 364, In Person Term Based; Peter Webb; 3 cr.
 70249 555 EXC, In Person Term Based; Peter Webb; 3 cr.

8208 Theory of Modular Forms and L-Functions

(A-F or Audit; Prereq: 8207 or instr consent)

67492 001 LEC, 11:15-12:05 MWF, Vincent Hall 2, In Person Term Based; Paul Garrett; 3 cr.

8212 Commutative and Homological Algebra

(A-F or Audit; Prereq: 8211 or instr consent)

67490 001 LEC, 9:45-11:00 MW, Vincent Hall 301, In Person Term Based; Christine Berkesch; 3 cr.

8254 Algebraic Geometry

(A-F or Audit; Prereq: 8253 or instr consent)

57749 001 LEC, 15:35-16:25 MWF, Bruininks Hal 121, In Person Term Based; Alexander Voronov; 3 cr.

8272 Lie Groups and Lie Algebras

(A-F or Audit; Prereq: 8271 or instr consent)

57746 001 LEC, 14:30-15:20 MWF, Vincent Hall 213, In Person Term Based; Kai-Wen Lan; 3 cr.

8280 Topics in Number Theory

(A-F or Audit;)

67493 001 LEC, 14:30-15:20 MWF, Vincent Hall 364, In Person Term Based; Dihua Jiang; 1-3 cr.

8300 Topics in Algebra

(A-F or Audit; Prereq: Grad math major or instr consent; offered as one yr or one sem crse as circumstances warrant)

57747 001 LEC, 13:25-14:15 MWF, Vincent Hall 209, In Person Term Based; Gennady Lyubeznik; 1-3 cr.

8302 Manifolds and Topology

(A-F or Audit; Prereq: 8301 or instr consent)

55464 001 LEC, 13:25-14:15 MWF, Vincent Hall 207, In Person Term Based; Craig Westerland; 3 cr.

8307 Algebraic Topology

(A-F or Audit; Prereq: 8306 or instr consent)

57383 001 LEC, 11:15-12:05 MWF, Vincent Hall 209, In Person Term Based; Tyler Lawson; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

55628 001 IND, Independent/Directed Study; 1 cr.

8402 Mathematical Modeling and Methods of Applied Mathematics

(A-F or Audit; Prereq: 8401 or instr consent)

55469 001 LEC, 10:10-11:00 MWF, Vincent Hall 364, In Person Term Based; Yoichiro Mori; 3 cr.

8442 Numerical Analysis and Scientific Computing

(Student Option; Prereq: 8441 or instr consent; 5477-5478 recommended for engineering and science grad students)

55470 001 LEC, 11:15-12:05 MWF, Vincent Hall 207, In Person Term Based; Bernardo Cockburn; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

55629 001 IND, In Person Term Based; 1 cr.

8446 Numerical Analysis of Differential Equations

(A-F or Audit; Prereq: 8445 or instr consent)

57381 001 LEC, 11:15-12:05 MWF, Vincent Hall 364, In Person Term Based; Douglas Arnold; 3 cr.

8450 Topics in Numerical Analysis

(A-F or Audit; Prereq: Grad math major or instr consent; offered as one year or one semester course as circumstances warrant)

67497 001 LEC, 10:10-11:00 MWF, Vincent Hall 213, In Person Term Based; Mitchell Luskin; 1-3 cr.

8572 Theory of Evolutionary Equations

(A-F or Audit; Prereq: 8571 or instr consent)

67500 001 LEC, 11:15-12:05 MWF, Vincent Hall 206, In Person Term Based; Arnd Scheel; 3 cr.

8584 Theory of Partial Differential Equations

(A-F or Audit; Prereq: 8583 or instr consent)

57131 001 LEC, 10:10-11:00 MWF, Vincent Hall 209, In Person Term Based; Jeffrey Calder; 3 cr.

8602 Real Analysis

(A-F or Audit; Prereq: 8601 or instr consent)

55484 001 LEC, 10:10-11:00 MWF, Vincent Hall 207, In Person Term Based; Paul Garrett; 3 cr.

8652 Theory of Probability Including Measure Theory

(Student Option; Prereq: 8651 or instr consent)

55489 001 LEC, 10:10-11:00 MWF, Ford Hall 151, In Person Term Based; Wei-Kuo Chen; 3 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

55630 001 IND, In Person Term Based; 1-6 cr.

8669 Combinatorial Theory

(A-F or Audit; Prereq: 8668 or instr consent)

67509 001 LEC, 11:15-12:05 MWF, Vincent Hall 213, In Person Term Based; Gregg Musiker; 3 cr.
 69917 555 EXC, In Person Term Based; Gregg Musiker; 3 cr.

8702 Complex Analysis

(A-F or Audit; Prereq: 8701 or instr consent)

55483 001 LEC, 14:30-15:20 MWF, Vincent Hall 301, In Person Term Based; Albert Marden; 3 cr.
 70154 555 EXC, In Person Term Based; Albert Marden; 3 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

55631 001 IND, In Person Term Based; 1-18 cr.

8802 Functional Analysis

(A-F or Audit; Prereq: 8801 or instr consent)

57696 001 LEC, 13:25-14:15 MWF, Vincent Hall 364, In Person Term Based; Peter Polack; 3 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

55632 001 IND, In Person Term Based; 1-24 cr.

8990 Topics in Mathematics

(S-N or Audit; Prereq: instr consent)
55601 001 IND, In Person Term Based; 1-6 cr.

8991 Independent Study

(Student Option; Prereq: instr consent)
55602 001 IND, 00:00-00:00 , , Independent/Directed Study;
Rina Ashkenazi ; 1-6 cr.
56719 002 IND, 00:00-00:00 , , Independent/Directed Study;
1-6 cr.
56746 003 IND, 00:00-00:00 , , Independent/Directed Study;
Richard McGehee ; 1-6 cr.

8992 Directed Reading

(S-N or Audit; Prereq: instr consent)
55603 001 IND, 00:00-00:00 , , Independent/Directed Study;
Richard McGehee ; 1-6 cr.
56531 002 IND, 00:00-00:00 , , Independent/Directed Study;
1-6 cr.
56541 003 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
56543 004 IND, 00:00-00:00 , , Independent/Directed Study;
1-6 cr.
57008 005 IND, 00:00-00:00 , , Independent/Directed Study;
1-6 cr.

8993 Directed Study

(S-N or Audit; Prereq: instr consent)
55604 001 IND, 00:00-00:00 , , Independent/Directed Study;
1-6 cr.
56748 002 IND, 00:00-00:00 , , Independent/Directed Study;
1-6 cr.
56749 003 IND, 00:00-00:00 , , Independent/Directed Study;
1-6 cr.

Mathematics Education (MTHE)

3101 Mathematics and Pedagogy for Elementary Teachers I

(A-F only; Prereq: [College algebra, elementary FOE student, jr status or above] or instr consent)
48218 001 LEC, 13:30-14:45 MW, Lrng & Environmental Sci
139B, In Person Term Based; Kathleen Cramer ; 3 cr.

3102 Mathematics and Pedagogy for Elementary Teachers II

(A-F only; Prereq: 3101, college algebra)
47767 001 LEC, 8:45-10:00 MW, Lrng & Environmental Sci
139B, In Person Term Based; Terrence Wyberg ; 3 cr.
47944 002 LEC, 10:30-11:45 MW, Lrng & Environmental Sci
139B, In Person Term Based; Terrence Wyberg ; 3 cr.

5031 Geometric Structures in School Mathematics

(Student Option; Prereq: Enrollment in math initial licensure program)
47359 001 LEC, 13:30-16:15 TTh, Lrng & Environmental Sci
139A, In Person Term Based; Erin Baldinger ; 3 cr.

5155 Rational Number Concepts and Proportionality

(Student Option; Prereq: Educ student or instr consent)
48686 001 LEC, 16:40-19:20 M, Lrng & Environmental Sci
139B, In Person Term Based; Kathleen Cramer ; 3 cr.

5366 Technology-Assisted Mathematics Instruction

(Student Option;)
47533 001 LEC, 16:40-19:20 T, Lrng & Environmental Sci
139B, In Person Term Based; Terrence Wyberg ; 3 cr.

5696 Student Teaching in Mathematics

(S-N only; Prereq: MEd/initial licensure student or instr consent)
47384 001 FWK, 16:40-19:20 W, Lrng & Environmental Sci
139A, In Person Term Based; Terrence Wyberg ; 1-8 cr.

5993 Directed Studies in Mathematics Education

(S-N or Audit; Prereq: Math ed MEd student, instr consent)
47385 001 IND, In Person Term Based; 2 cr.

8571 Research in Mathematics Education

(Student Option; Prereq: 5313, 8501)
48685 001 LEC, 16:40-19:20 Th, Lrng & Environmental Sci
139A, In Person Term Based; Lesa Clarkson ; 3 cr.

8995 Problems: Mathematics Education

(Student Option;)
47766 001 IND, In Person Term Based; 1-6 cr.

Mechanical Engineering (ME)

3041 Industrial Assignment I

(A-F only; Prereq: ME upper div, enrolled in ME co-op program)
55448 001 FWK, 00:00-00:00 , , In Person Term Based;
Frank Kelso ; 2 cr.

3221 Fundamentals of Design & Manufacturing

(A-F or Audit; Prereq: 2011, AEM 3031, MatS 2001)
55402 001 LEC, 12:20-13:10 MWF, Mechanical Engineering
18, In Person Term Based; Rusen Yang ; 4 cr.
55403 002 LAB, 14:30-16:30 M, Mechanical Engineering 50,
In Person Term Based; Susan Mantell ; 4 cr.
55404 003 LAB, 8:00-9:55 T, Mechanical Engineering 50, In
Person Term Based; Susan Mantell ; 4 cr.
55405 004 LAB, 10:10-12:05 T, Mechanical Engineering 50,
In Person Term Based; Susan Mantell ; 4 cr.
55406 005 LAB, 12:20-14:15 T, Mechanical Engineering 50,
In Person Term Based; Susan Mantell ; 4 cr.
55407 006 LAB, 14:30-16:25 T, Mechanical Engineering 50,
In Person Term Based; Susan Mantell ; 4 cr.
55408 007 LAB, 8:00-9:55 W, Mechanical Engineering 50, In
Person Term Based; Susan Mantell ; 4 cr.
55409 008 LAB, 10:10-12:05 W, Mechanical Engineering 50,
In Person Term Based; Susan Mantell ; 4 cr.
55410 009 LAB, 14:30-16:25 W, Mechanical Engineering 50,
In Person Term Based; Susan Mantell ; 4 cr.
55411 010 LAB, 8:00-9:55 Th, Mechanical Engineering 50,
In Person Term Based; Susan Mantell ; 4 cr.
55550 011 LAB, 10:10-12:05 Th, Mechanical Engineering 50,
In Person Term Based; Susan Mantell ; 4 cr.
55551 012 LAB, 12:20-14:15 Th, Mechanical Engineering 50,
In Person Term Based; Susan Mantell ; 4 cr.
55552 013 LAB, 14:30-16:25 Th, Mechanical Engineering 50,
In Person Term Based; Susan Mantell ; 4 cr.
55553 014 LAB, 9:05-11:00 F, Mechanical Engineering 50, In
Person Term Based; Susan Mantell ; 4 cr.
55748 016 DIS, 8:00-9:55 M, Mechanical Engineering 221,
In Person Term Based; Rusen Yang ; 4 cr.
55749 017 DIS, 10:10-12:05 M, Mechanical Engineering 221,
In Person Term Based; Rusen Yang ; 4 cr.
55750 018 DIS, 16:40-18:35 W, Mechanical Engineering 221,
In Person Term Based; Rusen Yang ; 4 cr.
55751 019 DIS, 16:40-18:35 Th, Mechanical Engineering
108, In Person Term Based; Rusen Yang ; 4 cr.

3222 Mechanisms & Machine Design

(A-F or Audit; Prereq: [3221 or concurrent registration is required (or allowed) in 3221], [CSci 1113 or equiv])
55412 001 LEC, 16:40-18:30 TTh, Mechanical Engineering
18, In Person Term Based; Kumar Tamma ; 4 cr.
55413 002 DIS, 17:30-19:00 W, Mechanical Engineering 102,
In Person Term Based; Kumar Tamma ; 4 cr.
57426 005 DIS, 14:30-16:00 Th, Mechanical Engineering
108, In Person Term Based; Kumar Tamma ; 4 cr.
57597 007 DIS, 8:00-9:30 T, Mechanical Engineering 221, In
Person Term Based; Tianhong Cui ; 4 cr.
57598 006 LEC, 8:00-8:50 MWF, Mechanical Engineering
212, In Person Term Based; Tianhong Cui ; 4 cr.
57599 008 DIS, 8:00-9:30 Th, Mechanical Engineering 221,
In Person Term Based; Tianhong Cui ; 4 cr.

3281 System Dynamics and Control

(A-F or Audit; Prereq: AEM 2021, [Math 2243 or Math 2373], ME upper div)
56887 002 LEC, 11:15-12:45 TTh, Bruininks Hall 220, In
Person Term Based; Kim Stelson ; 4 cr.
56888 003 DIS, 11:15-12:05 M, Akerman Hall 209, In Person
Term Based; Kim Stelson ; 4 cr.
56889 004 DIS, 13:25-14:15 T, Rapson Hall 43, In Person
Term Based; Kim Stelson ; 4 cr.

3331 Thermodynamics

(A-F only; Prereq: Chem 1061, Chem 1065, Phys 1301)
56502 001 LEC, 8:00-8:50 MWF, Bruininks Hall 312, In
Person Term Based; Diego Escalante ; 3 cr.
56503 002 DIS, 14:30-15:20 Th, Rapson Hall 45, In Person
Term Based; Diego Escalante ; 3 cr.
57313 006 LEC, 8:15-9:30 TTh, Rapson Hall 56, In Person
Term Based; Alptekin Aksan ; 3 cr.
57314 007 DIS, 15:35-16:25 F, Mechanical Engineering 212,
In Person Term Based; Alptekin Aksan ; 3 cr.

3332 Fluid Mechanics

(A-F only; Prereq: Math 2243 or Math 2373, 3331)
57441 004 LEC, 15:35-16:25 Th, Mechanical Engineering
212, 15:35-17:30 T, Mechanical Engineering 212, In
Person Term Based; Chris Hogan ; 3 cr.
57442 005 DIS, 16:40-17:30 Th, Mechanical Engineering
212, In Person Term Based; Chris Hogan ; 3 cr.

69890 883 LEC, 15:35-16:25 Th, ONLINE, 15:35-17:30 T,
ONLINE, Completely Online; Chris Hogan ; 3 cr.
69891 884 DIS, 16:40-17:30 Th, ONLINE, Completely
Online; Chris Hogan ; 3 cr.

3333 Heat Transfer

(A-F only; Prereq: 3332)
56504 001 LEC, 10:10-11:00 MWF, Mechanical Engineering
18, In Person Term Based; Allison Hubel ; 3 cr.
56505 002 DIS, 10:10-11:00 Th, Mechanical Engineering 18,
In Person Term Based; Allison Hubel ; 3 cr.
57620 003 LEC, 8:00-8:50 MWF, Akerman Hall 319, In
Person Term Based; Eirini Goudeli ; 3 cr.
57621 004 DIS, 8:00-8:50 Th, Akerman Hall 227, In Person
Term Based; Eirini Goudeli ; 3 cr.
69454 005 DIS, 10:10-11:00 Th, Akerman Hall 225, In
Person Term Based; Eirini Goudeli ; 3 cr.

3990 Curricular Practical Training

(S-N only; Prereq: ME major)
57431 001 FWK, Independent/Directed Study; Frank Kelso ;
1 cr.

4031W Basic Mechanical Measurements Laboratory

(A-F or Audit; Prereq: IE 4521, upper div MEWI)
55921 001 LEC, 13:25-14:15 MWF, Bruininks Hall 230, In
Person Term Based; Peter Bruggeman, Vinod Srinivasan ;
4 cr.
55922 002 LAB, 9:05-12:05 M, Mechanical Engineering
152, In Person Term Based; Peter Bruggeman, Vinod
Srinivasan ; 4 cr.
55923 003 LAB, 8:00-11:00 T, Mechanical Engineering
152, In Person Term Based; Peter Bruggeman, Vinod
Srinivasan ; 4 cr.
55924 004 LAB, 9:05-12:05 W, Mechanical Engineering
152, In Person Term Based; Peter Bruggeman, Vinod
Srinivasan ; 4 cr.
55925 005 LAB, 8:00-11:00 Th, Mechanical Engineering
152, In Person Term Based; Peter Bruggeman, Vinod
Srinivasan ; 4 cr.
55926 006 LAB, 9:05-12:05 F, Mechanical Engineering
152, In Person Term Based; Peter Bruggeman, Vinod
Srinivasan ; 4 cr.
55927 007 LAB, 14:30-17:30 M, Mechanical Engineering
152, In Person Term Based; Peter Bruggeman, Vinod
Srinivasan ; 4 cr.
55928 008 LAB, 11:10-14:10 T, Mechanical Engineering
152, In Person Term Based; Peter Bruggeman, Vinod
Srinivasan ; 4 cr.
55929 009 LAB, 14:30-17:30 W, Mechanical Engineering
152, In Person Term Based; Peter Bruggeman, Vinod
Srinivasan ; 4 cr.
55930 010 LAB, 11:10-14:10 Th, Mechanical Engineering
152, In Person Term Based; Peter Bruggeman, Vinod
Srinivasan ; 4 cr.
55931 011 LAB, 14:30-17:30 F, Mechanical Engineering
152, In Person Term Based; Peter Bruggeman, Vinod
Srinivasan ; 4 cr.
55932 012 LAB, 14:20-17:20 T, Mechanical Engineering
152, In Person Term Based; Peter Bruggeman, Vinod
Srinivasan ; 4 cr.
55933 013 LAB, 14:20-17:20 Th, Mechanical Engineering
152, In Person Term Based; Peter Bruggeman, Vinod
Srinivasan ; 4 cr.
55934 014 LAB, 17:30-20:30 T, Mechanical Engineering
152, In Person Term Based; Peter Bruggeman, Vinod
Srinivasan ; 4 cr.
55935 015 LAB, 17:30-20:30 Th, Mechanical Engineering
152, In Person Term Based; Peter Bruggeman, Vinod
Srinivasan ; 4 cr.
70314 016 LAB, 17:40-20:40 W, Mechanical Engineering
152, In Person Term Based; Peter Bruggeman, Vinod
Srinivasan ; 4 cr.

4043W Industrial Assignment II

(A-F only; Prereq: 3041WI)
55449 001 FWK, 00:00-00:00 , , In Person Term Based;
Frank Kelso ; 4 cr.

4044 Industrial Assignment III

(A-F only; Prereq: ME upper div, registration in ME co-op program)
56523 001 FWK, 00:00-00:00 , , In Person Term Based;
Frank Kelso ; 2 cr.

4053 Mechanical Engineering Modeling

(Student Option;)
68251 001 LEC, 12:20-14:15 TTh, Bruininks Hall 131A, In
Person Term Based; Terrence Simon, Frank Kelso ; 4 cr.

4054W Design Projects

(A-F or Audit; Prereq: 2011, 3221, 3222, 3281, 3331,
3332, 3333, 4031W, AEM 2021, AEM 3031, EE 3005, ME
upper divWI)

55431 001 LEC, 14:30-16:00 T, Bruininks Hall 114, In Person Term Based; Susan Mantell, Suhasa Kodandaramaiah ; 4 cr.

55432 002 DIS, 14:30-17:30 Th, Bruininks Hall 114, 16:00-17:30 T, Bruininks Hall 114, In Person Term Based; Susan Mantell, Suhasa Kodandaramaiah ; 4 cr.

4081H Mechanical Engineering Honors Thesis I

(A-F or Audit; Prereq: ME upper div honors student, instr consent)

55525 001 IND, 00:00-00:00 , , In Person Term Based; Rajesh Rajamani ; 2 cr.

69956 002 IND, In Person Term Based; William Northrop ; 2 cr.

70283 003 IND, In Person Term Based; Cari Dutcher ; 2 cr.

70312 004 IND, In Person Term Based; Allison Hubel ; 2 cr.

70323 005 IND, In Person Term Based; Suhasa

Kodandaramaiah ; 2 cr.

4082H Mechanical Engineering Honors Thesis II

(A-F or Audit; Prereq: ME upper div honors student, instr consentWI)

55526 001 IND, 00:00-00:00 , , In Person Term Based; Susan Mantell ; 2 cr.

70313 002 IND, In Person Term Based; Allison Hubel ; 2 cr.

4090 Advanced Engineering Problems

(Student Option; Prereq: ME upper div, instr consent)

55521 001 IND, 00:00-00:00 , , In Person Term Based; Rajesh Rajamani ; 2-4 cr.

56443 002 IND, 00:00-00:00 , , In Person Term Based; John Bischof ; 2-4 cr.

69953 003 IND, In Person Term Based; William Northrop ; 2-4 cr.

69954 004 IND, In Person Term Based; Jiarong Hong ; 2-4 cr.

69955 005 IND, In Person Term Based; Suhasa

Kodandaramaiah ; 2-4 cr.

70054 006 IND, In Person Term Based; Alptekin Aksan ; 2-4 cr.

4231 Motion Control Laboratory

(A-F or Audit; Prereq: 3281, 4031W, ME upper div)

55415 001 LEC, 13:25-15:20 F, Akerman Hall 225, In Person Term Based; Zongxuan Sun ; 4 cr.

55416 003 LAB, 9:05-12:05 M, Mechanical Engineering 270, In Person Term Based; Zongxuan Sun ; 4 cr.

55417 004 LAB, 14:30-17:30 M, Mechanical Engineering

270, In Person Term Based; Zongxuan Sun ; 4 cr.

55418 005 LAB, 9:05-12:05 T, Mechanical Engineering 270, In Person Term Based; Zongxuan Sun ; 4 cr.

55419 006 LAB, 9:05-12:05 Th, Mechanical Engineering 270, In Person Term Based; Zongxuan Sun ; 4 cr.

55420 007 LAB, 9:05-12:05 W, Mechanical Engineering 270, In Person Term Based; Zongxuan Sun ; 4 cr.

55765 008 LAB, 14:30-17:30 W, Mechanical Engineering

270, In Person Term Based; Zongxuan Sun ; 4 cr.

4232 Fluid Power Control Lab

(A-F or Audit; Prereq: 3281, 4031W, ME upper div)

55792 001 LEC, 11:15-13:10 F, Akerman Hall 211, In Person Term Based; James Van De Ven ; 4 cr.

55793 002 LAB, 9:05-11:00 TTh, Mechanical Engineering

256, In Person Term Based; James Van De Ven ; 4 cr.

55794 003 LAB, 11:15-13:10 TTh, Mechanical Engineering

256, In Person Term Based; James Van De Ven ; 4 cr.

55795 004 LAB, 12:20-14:15 MW, Mechanical Engineering

256, In Person Term Based; James Van De Ven ; 4 cr.

55796 005 LAB, 14:30-16:25 MW, Mechanical Engineering

256, In Person Term Based; James Van De Ven ; 4 cr.

56526 006 LAB, 10:10-12:05 MW, Mechanical Engineering

256, In Person Term Based; James Van De Ven ; 4 cr.

57427 007 LAB, 8:00-10:00 MW, Mechanical Engineering

256, In Person Term Based; James Van De Ven ; 4 cr.

4331 Thermal Energy Engineering Laboratory

(A-F or Audit; Prereq: [3331, 3332, 3333, 4031W], [ME upper div or grad student])

55433 001 LEC, 12:20-13:10 TTh, Mechanical Engineering

212, In Person Term Based; Jiarong Hong ; 4 cr.

55434 002 LAB, 13:25-16:25 M, Mechanical Engineering

476, In Person Term Based; Jiarong Hong ; 4 cr.

55435 003 LAB, 9:05-12:05 T, Mechanical Engineering 476,

In Person Term Based; Jiarong Hong ; 4 cr.

55436 004 LAB, 13:25-16:25 W, Mechanical Engineering

476, In Person Term Based; Jiarong Hong ; 4 cr.

56521 005 LAB, 8:00-11:00 Th, Mechanical Engineering 476,

In Person Term Based; Jiarong Hong ; 4 cr.

56990 006 LAB, 16:40-19:40 Th, Mechanical Engineering

476, In Person Term Based; Jiarong Hong ; 4 cr.

57456 007 LAB, 16:40-19:40 M, Mechanical Engineering

476, In Person Term Based; Jiarong Hong ; 4 cr.

57457 008 LAB, 9:05-12:05 W, Mechanical Engineering 476,

In Person Term Based; Jiarong Hong ; 4 cr.

4431W Energy Conversion Systems Laboratory

(A-F or Audit; Prereq: 3333, 4031W, [ME upper div or grad student]WI)

57780 001 LEC, 12:20-13:10 TTh, Akerman Hall 215, In

Person Term Based; David Kittelson ; 4 cr.

57781 002 LAB, 11:15-14:15 W, Mechanical Engineering

465, In Person Term Based; David Kittelson ; 4 cr.

57782 003 LAB, 9:05-12:05 Th, Mechanical Engineering 465,

In Person Term Based; David Kittelson ; 4 cr.

57785 006 LAB, 8:00-11:00 W, Mechanical Engineering 465,

In Person Term Based; David Kittelson ; 4 cr.

5101 Vapor Power Cycles

(A-F or Audit; Prereq: CSE upper div or grad student)

68149 001 LEC, 9:05-11:00 WF, Mechanical Engineering

321, In Person Term Based; David Kittelson ; 4 cr.

5221 Computer-Assisted Product Realization

(A-F or Audit; Prereq: 3221, AEM 3031, CSci 1113, MatS 2001)

68252 001 LEC, 14:30-16:25 MW, Akerman Hall 211, In

Person Term Based; Barney Klamecki ; 4 cr.

5241 Computer-Aided Engineering

(A-F or Audit; Prereq: 3222, CSci 1113 or equiv, CSE upper div or grad)

55586 001 LEC, 10:10-12:05 TTh, Mechanical Engineering

212, In Person Term Based; Frank Kelso ; 4 cr.

56976 883 LEC, 10:10-12:05 TTh, ONLINE, Completely

Online; Frank Kelso ; 4 cr.

5248 Vibration Engineering

(Student Option; Prereq: CSE upper div or grad, 3281)

57622 001 LEC, 8:00- 9:55 Th, Akerman Hall 319, 9:05- 9:55

MWF, Akerman Hall 319, In Person Term Based; Frank

Kelso ; 4 cr.

5286 Robotics

(A-F or Audit; Prereq: [3281 or equiv], [upper div ME or AEM or CSci or grad student])

55747 001 LEC, 11:15-13:10 WF, Keller Hall 3-115, In

Person Term Based; Max Donath ; 4 cr.

56901 883 LEC, 11:15-13:10 WF, ONLINE, Completely

Online; Max Donath ; 4 cr.

5341 Case Studies in Thermal Engineering and Design

(A-F or Audit; Prereq: 3333, CSE upper div or grad student)

56508 008 LEC, 18:10-21:30 T, Keller Hall 3-230, In Person

Term Based; Ephraim Sparrow ; 4 cr.

56843 883 LEC, 18:10-21:30 T, ONLINE, Completely Online;

Ephraim Sparrow ; 4 cr.

56981 001 LEC, 13:25-15:20 MW, Keller Hall 3-111, In

Person Term Based; Ephraim Sparrow ; 4 cr.

8001 Research Ethics and Professional Practice

(No Grade Associated;)

69951 001 DIS, In Person Term Based; 0 cr.

8113 Advanced Aerosol/Particle Engineering

(A-F or Audit; Prereq: CSE grad student or instr consent)

68259 001 LEC, 10:10-12:05 TTh, Rapson Hall 45, In Person

Term Based; Cari Dutcher ; 3 cr.

8222 New Product Design and Business Development II

(A-F or Audit; Prereq: 8221)

55465 001 LEC, 17:00-20:20 W, Hanson Hall 1-109, In

Person Term Based; Meets With: 060 ENTR 6042001

BMEN 8402; Daniel Forbes, William Durfee, Arthur

Erdman ; 4 cr.

8228 Finite Elements in Multidisciplinary Flow/Thermal/Stress and Manufacturing Applications

(A-F or Audit; Prereq: 3222, 5341, AEM 3031, CSci 1113)

57618 001 LEC, 14:30-18:30 W, Civil Engineering Bldg 214,

In Person Term Based; Kumar Tamma ; 4 cr.

8243 Topics in Design

(A-F or Audit;)

69680 001 LEC, 14:30-16:25 TTh, Civil Engineering Bldg

212, In Person Term Based; Julianna Abel ; 4 cr.

8253 Computational Nanomechanics

(Student Option; Prereq: CSE grad student)

57293 001 LEC, 15:35-16:50 MF, Mechanical Engineering

221, In Person Term Based; Traian Dumitrica ; 3 cr.

8285 Advanced Control System Design, with Applications to Smart Vehicles

(A-F or Audit; Prereq: 5281 or EE 5231 or equiv)

68944 001 LEC, 9:45-11:00 TTh, Mechanical Engineering

221, In Person Term Based; Rajesh Rajamani ; 3 cr.

8332 Advanced Fluid Dynamics in Mechanical Engineering

(A-F or Audit; Prerequisite an intermediate fluid mechanics course or permission of instructor.)

57776 001 LEC, 10:30-11:45 MF, Mechanical Engineering

102, In Person Term Based; Sungyon Lee ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

55647 001 IND, In Person Term Based; 1 cr.

8337 Experimental Methods in the Thermal Sciences

(A-F or Audit;)

68260 001 LEC, 15:35-17:00 TTh, Akerman Hall 227, In

Person Term Based; Xiaojia Wang, Jiarong Hong ; 3 cr.

8342 Convection

(A-F or Audit; Prereq: Grad level course on fundamentals of fluid mechanics that has a substantial component on viscous flows or instr consent)

55853 001 LEC, 9:05-10:20 MW, Akerman Hall 215, In

Person Term Based; Terrence Simon ; 3 cr.

8343 Radiation

(A-F or Audit; Prereq: Undergrad class in heat transfer or instr consent)

57430 001 LEC, 11:15-12:35 TTh, Akerman Hall 225, In

Person Term Based; Xiaojia Wang ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

55663 001 IND, In Person Term Based; 1 cr.

8446 Advanced Combustion

(A-F or Audit; Prereq: Undergrad courses in thermodynamics, fluid mechanics, heat transfer, IT grad student; 5446 or 8641 highly recommended)

57623 001 LEC, 13:25-14:15 MWF, Mechanical Engineering

221, In Person Term Based; William Northrop ; 3 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

55681 001 IND, In Person Term Based; 1-6 cr.

8772 Advanced Transportation Technologies Seminar

(S-N or Audit;)

67642 001 LEC, 14:30-15:30 Th, Mechanical Engineering

102, In Person Term Based; Meets With: 001 PA 8290001

CEGE 8213; Max Donath ; 1 cr.

8773 Graduate Seminar

(S-N or Audit; Prereq: CSE grad student)

55451 001 LEC, 15:35-16:25 W, Mechanical Engineering

1130, In Person Term Based; Meets With: 001 ME 8774;

Cari Dutcher ; 1 cr.

8774 Graduate Seminar

(S-N or Audit; Prereq: 8773)

55452 001 LEC, 15:35-16:25 W, Mechanical Engineering

1130, In Person Term Based; Meets With: 001 ME 8773;

Cari Dutcher ; 1 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

55699 001 IND, In Person Term Based; 1-18 cr.

8794 Mechanical Engineering Research

(S-N only; Prereq: instr consent)

55454 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

55719 001 IND, In Person Term Based; 1-24 cr.

8990 Curricular Practical Training

(S-N only;)

69952 001 IND, In Person Term Based; 1-2 cr.

Medical Device Innovation (MDI)

5006 Finance, Valuation, and Entrepreneurship

(A-F only;)

57601 001 LEC, 17:30-21:30 W, McNamara Alumni Center 235, 17:30-21:30 W, McNamara Alumni Center 235, 17:30-21:30 W, McNamara Alumni Center 235, In Person Term Based; John Dinusson, John Feriancek ; 3 cr.

5008 Quality, Regulatory and

Manufacturing Management

(A-F only; Prereq: MDI graduate student only)

57600 001 LEC, 17:30-21:30 M, McNamara Alumni Center 235, 17:30-21:30 M, McNamara Alumni Center 235, 17:30-21:30 M, McNamara Alumni Center 235, In Person Term Based; Natasha Overbo ; 2 cr.

5014 Medical Device Center Practicum II

(A-F only; Prereq: Grad MDI student)

57602 001 LEC, 8:00-16:30 F, McNamara Alumni Center 235, 8:00-16:30 F, McNamara Alumni Center 235, 8:00-16:30 F, McNamara Alumni Center 235, 8:00-16:30 F, McNamara Alumni Center 235, In Person Term Based; Joseph Hale ; 2 cr.

5020 Medical Device Innovation Capstone

(A-F only;)

69326 001 LEC, 17:30-21:30 W, McNamara Alumni Center 235, 17:30-21:30 W, McNamara Alumni Center 235, 17:30-21:30 M, McNamara Alumni Center 235, 17:30-21:30 W, McNamara Alumni Center 235, In Person Term Based; Daniel Mooradian ; 1-2 cr.

Medical Industry Leadrshp Inst (MILI)

5990 The Healthcare Marketplace

(A-F only;)

53999 001 LEC, 17:45-21:05 M, Hanson Hall 1-102, In Person Term Based; Meets With: 060 MILI 6990; Pinar Karaca Mandic ; 2 cr.

5995 Medical Industry Valuation Laboratory

(A-F only; Prereq: instr consent)

53952 001 LEC, 17:45-19:30 Th, Carlson School of Mgmt L-127, In Person Term Based; Meets With: 060 MILI 6995001 MILI 6996; Michael Finch, Matthew Stoll ; 2 cr.

5999 Independent Study

(A-F only;)

53953 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

6235 Pharmaceutical Industry: Business and Policy

(A-F only;)

53864 050 LEC, 8:00-17:00 Sa, Carlson School of Mgmt 1-127, 8:00-17:00 Sa, Carlson School of Mgmt 1-127, 8:00-17:00 Sa, Carlson School of Mgmt 1-127, In Person Term Based; Bryana Mayer ; 2 cr.

6421 Topics: Medical Industry

(A-F only;)

65734 001 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-127, In Person Term Based; Shira Hauschen ; 2 cr.

6562 Information Technology in Health Care

(A-F only; Prereq: MBA student)

69840 070 LEC, Completely Online; Stephen Parente ; 2 cr.

6589 Medical Technology Evaluation and Market Research

(A-F only; Prereq: MBA student)

54256 070 LEC, Primarily Online; Pinar Karaca Mandic, Eric Barrette ; 2 cr.

6963 Healthcare Analytics

(A-F only;)

70280 070 LEC, Completely Online; Stephen Parente ; 2 cr.

6990 The Health Care Marketplace

(A-F only; Prereq: MBA student)

53876 060 LEC, 17:45-21:05 M, Hanson Hall 1-102, In Person Term Based; Meets With: 001 MILI 5990; Pinar Karaca Mandic ; 2 cr.

6991 Anatomy and Physiology for

Managers

(A-F only;)

53882 060 LEC, 17:45-21:05 W, Carlson School of Mgmt L-122, In Person Term Based; Archelle Georgiou ; 2 cr.

6995 Medical Industry Valuation Laboratory

(A-F only; Prereq: Grad student)

53902 060 LEC, 17:45-19:30 Th, Carlson School of Mgmt L-127, In Person Term Based; Meets With: 001 MILI 5995001 MILI 6996; Michael Finch, Matthew Stoll ; 2 cr.

6996 Medical Industry Valuation Laboratory II

(A-F only; Prereq: Approved application)

53967 001 LEC, 17:45-19:30 Th, Carlson School of Mgmt L-127, In Person Term Based; Meets With: 060 MILI 6995001 MILI 5995; Michael Finch, Matthew Stoll ; 2-4 cr.

6997 MILI Global Valuation Lab

(A-F only;)

54197 060 FWK, In Person Term Based; Michael Finch ; 4 cr.

6998 MILI Fellows

(A-F only;)

54122 001 LEC, 00:00-00:00 , , In Person Term Based; Michael Finch ; 0-2 cr.

6999 Independent Study

(A-F only;)

53872 060 IND, 00:00-00:00 , , Independent/Directed Study; 0-8 cr.

Medical Laboratory Sciences Pr (MLSP)

1010 Introduction to Medical Laboratory Science

(S-N only;)

45762 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Hannah Gartzke, Nicole Zahnle ; 1 cr.

5011W Professional Issues in the Health Care Community

(A-F only; WI)

45763 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Nicole Zahnle ; 2 cr.

5113 Advanced Concepts in Diagnostic Microbiology

(A-F only; Prereq: 5111 or instr consent)

45764 001 LEC, 9:05-11:00 M, Moos Health Sci Tower 5-125, Partially Online; Lorna Ruskin ; 3 cr.

5213 Diagnostic Hematology

(A-F only; Prereq: [5211, 5212] or instr consent)

45846 001 LEC, 11:15-13:10 M, Moos Health Sci Tower 5-125, In Person Term Based; Stephen Wiesner ; 3 cr.

5214 Advanced Hematology Morphology

(A-F only; Prereq: [5211, 5212], concurrent registration is required (or allowed) in 5213] or instr consent)

45848 001 LAB, 13:25-16:25 W, ONLINE, Completely Online; Stephen Wiesner ; 1 cr.

5311 Fundamental Biomedical Laboratory Techniques

(A-F only; Prereq: 8 credits General Chemistry, 6 credits Organic Chemistry, 3 credits Biochemistry)

45766 001 LEC, 12:20-13:10 MW, Moos Health Sci Tower 2-520, Partially Online; Charlotte Romain ; 4 cr.
45767 002 LAB, 8:30-11:30 MW, Molecular Cellular Biol 3-150, In Person Term Based; Charlotte Romain, Christine Maleck ; 4 cr.
45821 003 LAB, 13:25-16:25 MW, Molecular Cellular Biol 3-150, In Person Term Based; Charlotte Romain, Christine Maleck ; 4 cr.

5312 Body Fluid Analysis

(A-F only; Prereq: 8 credits General Chemistry, 6 credits Organic Chemistry, 3 credits Biochemistry, Successful completion of MLSP 5311 with grade of C or higher)

67359 001 LEC, 12:20-13:10 T, Nils Hasselmo Hall 2-101, In Person Term Based; Donna Spannaus-Martin ; 2 cr.
67360 002 LAB, 9:00-11:00 T, Molecular Cellular Biol 3-150, In Person Term Based; Donna Spannaus-Martin ; 2 cr.
67361 003 LAB, 13:30-15:30 T, Molecular Cellular Biol 3-150, In Person Term Based; Donna Spannaus-Martin ; 2 cr.

5513 Transfusion Medicine Principles and Methods

(A-F only; Prereq: [5511, upper level genetics course] or instr consent)

45770 001 LEC, 14:00-15:55 M, Jackson Hall 2-137, Partially Online; Andrew Yue, Michelle Henry-Stanley ; 3 cr.

5514 Application of Transfusion Medicine Principles

(A-F only;)

45772 001 LAB, 8:00-12:00 Th, Molecular Cellular Biol 3-150, In Person Term Based; Andrew Yue, Michelle Henry-Stanley ; 2 cr.
45820 002 LAB, 13:00-17:00 Th, Molecular Cellular Biol 3-150, In Person Term Based; Andrew Yue, Michelle Henry-Stanley ; 2 cr.

5801 Advanced Practicum Experience in Specialty Disciplines

(S-N only; Prereq: Advanced standing in MLS program)

45822 001 LEC, In Person Term Based; Tamera Alpaugh ; 1 cr.

Medical Physics (MPHY)

5173 Medical and Health Physics of Radiation Therapy

(Student Option; Prereq: 5170 or instr consent)

59175 001 LEC, 16:00-17:15 TTh, Fairview Univ Med Ctr J1-218, In Person Term Based; Parham Alaei ; 3 cr.

5174 Medical and Health Physics of Imaging II

(Student Option; Prereq: 5170 or instr consent)

69014 001 LEC, 15:00-16:15 MW, Mayo Bldg & Additions B216, In Person Term Based; Ngoneh Jallow ; 3 cr.

5177 Radiation Therapy Physics Lab: Radiation Physics Basics

(A-F only; Prereq: 5170 or concurrent registration is required (or allowed) in 5173 or instr consent)

59176 001 LAB, 16:30-19:30 M, Fairview Univ Med Ctr J1-218, In Person Term Based; Yoichi Watanabe ; 3 cr.

5178 Physical Principles of Magnetic Resonance Imaging

(A-F only;)

68490 001 LEC, 10:00-11:15 TTh, , In Person Term Based; Patrick Bolan ; 3 cr.

8293 Directed Study in Biophysical Sciences and Medical Physics

(Student Option; Prereq: instr consent)

58110 002 IND, In Person Term Based; 1-12 cr.

8294 Directed Research in Biophysical Sciences and Medical Physics

(Student Option; Prereq: instr consent)

58111 002 IND, In Person Term Based; 1-12 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

58272 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

58281 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

58290 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
58299 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
58315 001 IND, In Person Term Based; 1-24 cr.

Medicinal Chemistry (MEDC)**8002 General Principles of Medicinal Chemistry**

(A-F or Audit; Prereq: Med chem grad student or instr consent)
60318 001 LEC, 12:20-14:15 TTh, Moos Health Sci Tower 2-116, In Person Term Based; Elizabeth Ambrose ; 3 cr.

8100 Medicinal Chemistry Seminar

(A-F only; Prereq: Grad major or instr consent)
60231 001 LEC, 15:30-17:00 T, Moos Health Sci Tower 1-451, In Person Term Based; Meets With: 001 PHAR 6150; Carrie Haskell-Luevano ; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
60257 001 IND, In Person Term Based; 1 cr.

8435 BioAssay & Data Analysis

(A-F or Audit; Prereq: MEDC 8001 or instructor permission.)
60342 001 LEC, 10:10-11:00 Th, Moos Health Sci Tower 2-116, In Person Term Based; Carrie Haskell-Luevano ; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
60258 001 IND, In Person Term Based; 1 cr.

8461 Design of Cancer Immunotherapeutics

(A-F only;)
67131 001 LEC, 15:30-17:00 Th, Moos Health Sci Tower 1-435, 9:00-10:30 T, Moos Health Sci Tower 1-435, In Person Term Based; Carston Wagner ; 3 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
60260 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
60262 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
60265 001 IND, In Person Term Based; 1-24 cr.

8900 Research in Medicinal Chemistry

(A-F or Audit; Prereq: Grad med chem major or instr consent)
60232 001 LAB, 00:00-00:00 , , In Person Term Based; Carston Wagner ; 1-4 cr.

Medicine (MED)**7500 Medicine Externship I**

(H-N only;)
58126 085 ROT, In Person Term Based; 6-8 cr.
58744 086 ROT, In Person Term Based; 6-8 cr.

7511 Gastroenterology Research

(H-N only;)
58136 099 IND, 00:00-00:00 , , In Person Term Based; 4-8 cr.

7512 Hematology/Oncology/Transplantation Research (H.O.T. Research)

(H-N only;)

58129 099 IND, 00:00-00:00 , , In Person Term Based; 4-8 cr.

7518 Diabetes & Endocrinology Research

(H-N only;)
58130 099 IND, 00:00-00:00 , , In Person Term Based; 8 cr.

7521 Infectious Disease

(H-N only;)
58131 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68419 002 ROT, In Person Term Based; ; 4 cr.
68420 003 ROT, In Person Term Based; ; 4 cr.
68421 004 ROT, In Person Term Based; ; 4 cr.

7522 Gastroenterology

(H-N only;)
59608 001 ROT, In Person Term Based; 4 cr.
68422 002 ROT, In Person Term Based; ; 4 cr.
68423 003 ROT, In Person Term Based; ; 4 cr.
68424 004 ROT, In Person Term Based; ; 4 cr.

7523 Diabetes, Endocrinology, & Metabolism

(H-N only;)
58133 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68425 002 ROT, In Person Term Based; ; 4 cr.
68426 003 ROT, In Person Term Based; ; 4 cr.
68427 004 ROT, In Person Term Based; ; 4 cr.

7525 Cardiovascular Medicine

(H-N only; Prereq: Med Student Yr 3 or 4/at least one other medicine elective)
58134 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68428 002 ROT, In Person Term Based; ; 4 cr.
68429 003 ROT, In Person Term Based; ; 4 cr.
68430 004 ROT, In Person Term Based; ; 4 cr.

7526 Oncology

(H-N or Audit;)
58135 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68431 002 ROT, In Person Term Based; ; 4 cr.
68432 003 ROT, In Person Term Based; ; 4 cr.
68433 004 ROT, In Person Term Based; ; 4 cr.

7528 Hematology

(H-N only;)
58137 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68434 002 ROT, In Person Term Based; ; 4 cr.
68435 003 ROT, In Person Term Based; ; 4 cr.
68436 004 ROT, In Person Term Based; ; 4 cr.

7531 Rheumatology

(H-N only;)
58138 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68437 002 ROT, In Person Term Based; ; 4 cr.
68438 003 ROT, In Person Term Based; ; 4 cr.
68439 004 ROT, In Person Term Based; ; 4 cr.

7532 Pulmonary Disease

(H-N only;)
58139 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68440 002 ROT, In Person Term Based; ; 4 cr.
68441 003 ROT, In Person Term Based; ; 4 cr.
68442 004 ROT, In Person Term Based; ; 4 cr.

7533 Clinical Allergy

(H-N or Audit;)
58140 001 FWK, 00:00-00:00 , , In Person Term Based; 3-6 cr.

7534 Research in Allergy

(H-N or Audit;)
58141 001 IND, 00:00-00:00 , , In Person Term Based; 6 cr.

7548 Clinical Genetics

(H-N or Audit;)
58142 001 FWK, 00:00-00:00 , , In Person Term Based; 6 cr.

7556 Renal Consultation

(H-N only;)
58144 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68443 002 ROT, In Person Term Based; ; 4 cr.
68444 003 ROT, In Person Term Based; ; 4 cr.
68445 004 ROT, In Person Term Based; ; 4 cr.

7561 Outpatient & Clinical Nephrology

(H-N only;)
58146 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68446 002 ROT, In Person Term Based; ; 4 cr.
68447 003 ROT, In Person Term Based; ; 4 cr.
68448 004 ROT, In Person Term Based; ; 4 cr.

7562 Nephrology

(H-N only;)

58147 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68449 002 ROT, In Person Term Based; ; 4 cr.
68450 003 ROT, In Person Term Based; ; 4 cr.
68451 004 ROT, In Person Term Based; ; 4 cr.

7573 Acute Care Internal Medicine

(H-N or Audit; Prereq: 7500, Med 7501)
58153 001 FWK, 00:00-00:00 , , In Person Term Based; 2-4 cr.

7579 Critical Care/MICU

(H-N or Audit; Prereq: 7501 or instr consent)
58150 001 FWK, 00:00-00:00 , , In Person Term Based; 4 cr.

7582 Medical Intensive Care Unit--Regions Medical Center

(H-N or Audit;)
58149 001 FWK, 00:00-00:00 , , In Person Term Based; 3-4 cr.

7583 Fundamentals of Clinical Oncology

(H-N or Audit; Prereq: 7500 or Ped 7501)
58151 001 FWK, 00:00-00:00 , , In Person Term Based; 4 cr.

7595 Musculoskeletal Problems in Primary Care Practice

(H-N or Audit; Prereq: 7500)
58154 001 FWK, 00:00-00:00 , , In Person Term Based; 3 cr.

7596 Occupational Health

(H-N or Audit;)
58152 001 FWK, 00:00-00:00 , , In Person Term Based; 3-6 cr.

7599 Bioethics Theory

(H-N or Audit; Prereq: Students must meet with instructor prior to enrolling in course)
58262 001 LEC, 00:00-00:00 , , In Person Term Based; 3-6 cr.

7602 Advanced Physical Diagnosis and Medical Decision Making

(H-N only;)
58370 002 ROT, In Person Term Based; 4 cr.

7603 Palliative Medicine

(H-N only;)
59697 001 ROT, In Person Term Based; 4 cr.
68452 002 ROT, In Person Term Based; ; 4 cr.
68453 003 ROT, In Person Term Based; ; 4 cr.
68454 004 ROT, In Person Term Based; ; 4 cr.

7604 Hospitalist and Palliative Medicine

(H-N only;)
58451 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68455 002 ROT, In Person Term Based; ; 4 cr.
68456 003 ROT, In Person Term Based; ; 4 cr.
68457 004 ROT, In Person Term Based; ; 4 cr.

7666 Medicine Pediatrics Ambulatory Elective

(H-N or Audit;)
58598 001 FWK, In Person Term Based; 3-4 cr.

7700 Primary Care Selective - Medicine

(P-N only;)
58759 001 ROT, In Person Term Based; Meets With: 001 MED 7701002 FMCH 7700001 PED 7700; 4 cr.
58760 002 ROT, In Person Term Based; Meets With: 002 MED 7701018 FMCH 7700; 4 cr.
58761 003 ROT, In Person Term Based; Meets With: 003 MED 7701019 FMCH 7700; 4 cr.
58762 004 ROT, In Person Term Based; Meets With: 004 MED 7701020 FMCH 7700; 4 cr.

7701 Primary Care Selective - Medicine/ Pediatrics

(P-N only;)
58763 001 ROT, In Person Term Based; Meets With: 001 MED 7700002 FMCH 7700001 PED 7700; 4 cr.
58764 002 ROT, In Person Term Based; Meets With: 002 MED 7700018 FMCH 7700; 4 cr.
58765 003 ROT, In Person Term Based; Meets With: 003 MED 7700019 FMCH 7700; 4 cr.
58766 004 ROT, In Person Term Based; Meets With: 004 MED 7700020 FMCH 7700; 4 cr.

7703 Patient Safety

(H-N only;)
59707 022 ROT, In Person Term Based; 2 cr.
59708 011 ROT, In Person Term Based; 2 cr.

59709 012 ROT, In Person Term Based; 2 cr.
59710 021 ROT, In Person Term Based; 2 cr.
68625 031 ROT, In Person Term Based; 2 cr.
68626 032 ROT, In Person Term Based; 2 cr.

Medieval Studies (MEST)

1081 History of Christianity I: Martyrs, Monks, Crusaders

(Student Option;)

69897 001 LEC, 11:15-12:05 MWF, Blegen Hall 215, In Person Term Based; Meets With: 001 HIST 3081001 RELS 3544001 HIST 1081001 RELS 1544001 MEST 3081; Andrea Sterk ; 3 cr.

3009 Medieval Art

(Student Option; AH)

51857 001 LEC, 9:45-11:00 TTh, Hanson Hall 1-111, In Person Term Based; Meets With: 001 ARTH 3009; Jennifer Awes-Freeman ; 3 cr.

3081 History of Christianity I: Martyrs, Monks, Crusaders

(Student Option;)

69898 001 LEC, 11:15-12:05 MWF, Blegen Hall 215, In Person Term Based; Meets With: 001 HIST 3081001 RELS 3544001 HIST 1081001 RELS 1544001 MEST 1081; Andrea Sterk ; 3 cr.

3611 Medieval Cities of Europe: 500-1500

(Student Option; GP,HIS)

52407 001 LEC, 11:15-12:30 TTh, Anderson Hall 250, In Person Term Based; Meets With: 001 HIST 3611; Kathryn Reyerson ; 3 cr.

3613 History of the Crusades

(Student Option; GP,HIS)

70103 001 LEC, 9:45-11:00 TTh, Blegen Hall 150, In Person Term Based; Meets With: 001 HIST 3613001 RELS 3715; Michael Lower ; 3 cr.

4043 Romans, Anglo-Saxons and Vikings: Archaeology of Northern Europe

(Student Option;)

52550 001 LEC, 14:00-16:30 T, Hubert H. Humphrey School 389, In Person Term Based; Meets With: 001 ANTH 4043001 ANTH 8510; Peter Wells ; 3 cr.

4613 Old English II

(Student Option; Prerequisite: "Beowulf" has been the object of intensive scholarly study; we will delve into the debates over the poem's date, genesis, manuscript and historical context and critical interpretation. Spending an entire semester studying one complex work can be an invaluable experience. Please contact the instructor for any questions concerning the prerequisite.)

68117 001 DIS, 17:30-20:00 M, Akerman Hall 227, In Person Term Based; Meets With: 001 ENGL 4613; Andrew Scheil ; 3 cr.

5993 Directed Studies in Medieval Studies

(Student Option; Prereq: One yr work in some area of Middle Ages, reading knowledge of appropriate language, instr consent)

48802 001 IND, In Person Term Based; 1-3 cr.

Microbial Engineering (MICE)

5035 Personal Microbiome Analysis

(Student Option;)

69987 001 LEC, 14:30-15:45 MW, Bruininks Hall 512A, In Person Term Based; Dan Knights ; 3 cr.

5355 Advanced Fermentation and Biocatalysis Laboratory

(S-N only; Prereq: [3301 or BIOL 3301], [grad student in microbial engineering or upper-div major in [microbiology or chem engineering or biochemistry]], instr consent)

46858 001 LAB, 8:00-17:00 MTWThF, Gortner Laboratory 58, In Person Term Based; Thomas Douville ; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

46628 001 IND, In Person Term Based; 1 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

46644 001 IND, In Person Term Based; 1-18 cr.

8920 Teaching Practicum

(Student Option; Prereq: Grad MicE major)

46583 001 FWK, 00:00-00:00 , In Person Term Based; 1 cr.

8990 Biotechnology Seminar

(Student Option; Prereq: Prereq-First-yr MICEstudents enroll S-N, as they do not make a presentation.

Second-yr MICe students enroll A-F, as they present a seminar; fall, spring, every year). Student presentations of thesis research and presentations by invited speakers or designated lecturers.)

46587 001 LEC, 15:30-17:00 Th, Gortner Laboratory 239, In Person Term Based; Brett Barney, Michael Sadowsky, Lawrence Wackett ; 1-3 cr.

Microbiol/Immun/Cancer Biology (MICA)

5000 Practicum: Teaching

(No Grade Associated;)

58112 001 FWK, 00:00-00:00 , In Person Term Based; 0 cr.

8004 Cellular and Cancer Biology

(A-F or Audit; Prereq: [One undergrad or grad course each in [biochemistry, cell biology]] or instr consent)

58118 001 LEC, 9:05- 9:55 MWThF, Moos Health Sci Tower 2-118, In Person Term Based; Kaylee Schwertfeger, Timothy Hallstrom ; 4 cr.

8005 Topics in Microbiology, Immunology, and Cancer Biology

(A-F or Audit; Prereq: 8012, [8002 or 8003 or 8004] or instr consent)

58124 001 DIS, 00:00-00:00 , In Person Term Based; 1-4 cr.

8009 Biochemical Aspects of Normal and Abnormal Cell Growth and Cell Death

(Student Option; Prereq: 8004 or [BioC 3021, Biol 4004] or instr consent)

58258 001 DIS, 15:35-17:30 F, Moos Health Sci Tower 2-120, In Person Term Based; Khalil Ahmed ; 2 cr.

8011 Current Topics in Immunology

(A-F or Audit; Prereq: MICA 8003 or instr consent)

58664 001 LEC, 13:30-14:45 TTh, AHC ROOM TBA, In Person Term Based; Michael Farrar ; 3 cr.

8094 Research in Microbiology, Immunology, and Cancer Biology

(S-N or Audit; Prereq: 1st yr MICa grad student)

58117 001 IND, 00:00-00:00 , In Person Term Based; Wade Bresnahan ; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

58274 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

58283 001 IND, 00:00-00:00 , In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

58292 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

58301 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: MICaB PhD student, adviser consent)

58317 001 IND, In Person Term Based; 1-24 cr.

8910 Seminar: Faculty Research Topics

(No Grade Associated; Prereq: MICaB grad student)

58119 001 LEC, 12:15-13:15 M, AHC ROOM TBA, In Person Term Based; Wade Bresnahan ; 0 cr.

8920 Seminar: Student Research Topics

(No Grade Associated; Prereq: MICaB grad student or instr consent)

58120 001 LEC, 12:15-13:15 Th, AHC ROOM TBA, In Person Term Based; Wade Bresnahan ; 0 cr.

Microbiology (MICB)

3301 Biology of Microorganisms

(A-F or Audit; Prereq: BIOL 3020 or instructor consent (biochemistry background coursework))

58108 001 LEC, 13:00-14:15 TTh, Smith Hall 100, In Person Term Based; Meets With: 001 MICB 3303; Christian Mohr ; 5 cr.

58109 002 LAB, 9:05-11:00 TTh, Moos Health Sci Tower 2-252, In Person Term Based; Christian Mohr ; 5 cr.

58569 003 LAB, 14:30-16:25 TTh, Moos Health Sci Tower 2-252, In Person Term Based; Christian Mohr ; 5 cr.

3303 Biology of Microorganisms

(A-F only; Prereq: BIOL 3020 or Biochemistry (BioC 3021) or instructor consent)

47009 001 LEC, 13:00-14:15 TTh, Smith Hall 100, In Person Term Based; Meets With: 001 MICB 3301; Christian Mohr ; 3 cr.

4151 Molecular and Genetic Bases for Microbial Diseases

(Student Option; Prereq: MicB 4131 and BioC 3021 advised)

46584 001 LEC, 9:45-11:00 MW, Weaver-Densford Hall W2-110, In Person Term Based; Anna Tischler ; 3 cr.

4171 Biology, Genetics, and Pathogenesis of Viruses

(A-F only; Prereq: [BIOL 3020 OR BIOC 3021 and BIOL 4003] AND [MICB 3301 or BIOL 4004]] or instr consent; seats are prioritized for CBS majors (others who meet the course prerequisites can contact the instructor for permission)

46725 001 LEC, 8:15- 9:30 TTh, Bruininks Hall 330, In Person Term Based; Leslie Schiff ; 3 cr.

4235 Advanced Laboratory: Virology, Immunology, and Microbial Genetics

(Student Option; Prereq: 3301, 4131, BIOC 3021, [completed or concurrent registration is required in MicB 4141W/4171]; access from a wait list)

46579 001 LAB, 13:25-16:25 TTh, Moos Health Sci Tower 2-242, In Person Term Based; Wade Bresnahan ; 3 cr.

4793W Directed Studies: Writing Intensive

(S-N or Audit; Prereq: instr consent, dept consent; no more than 7 cr of [4793, 4794, 4993, 4994] may count toward major requirementsWI)

46655 001 IND, In Person Term Based; Leslie Schiff ; 1-7 cr.

4794W Directed Research: Writing Intensive

(S-N or Audit; Prereq: instr consent, dept consent; no more than 7 cr of [4793, 4794, 4993, 4994] may count toward major requirementsWI)

46656 001 IND, In Person Term Based; Leslie Schiff ; 1-7 cr.

4993 Directed Studies

(S-N only; Prereq: 3301, dept consent)

46581 001 IND, In Person Term Based; 1-6 cr.

4994 Directed Research

(S-N or Audit; Prereq: 3301, instr consent)

46582 001 IND, In Person Term Based; 1-7 cr.

Military Science (MIL)

104 MS I Zero Credit Lead Lab

(A-F only; Prereq: concurrent registration is required (or allowed) in 1102)

61227 001 LAB, 16:40-18:30 W, Armory Building 100, In Person Term Based; Meets With: 001 MIL 1204001 MIL 204001 MIL 304001 MIL 3304001 MIL 1104; Mitchell Ruedebusch, David Wagner, Timothy Morton ; 0 cr.

204 MS II Zero Credit Lead Lab

(A-F only; Prereq: concurrent registration is required (or allowed) in 1202)

61216 001 LAB, 16:40-18:30 W, Armory Building 100, In Person Term Based; Meets With: 001 MIL 1204001 MIL 304001 MIL 104001 MIL 3304001 MIL 1104; Mitchell Ruedebusch, David Wagner, Timothy Morton ; 0 cr.

304 MS III Zero Credit Lead Lab

(A-F only; Prereq: Completion of basic courses, concurrent registration is required (or allowed) in 3302)
61217 001 LEC, 16:40-18:30 W, Armory Building 100, In Person Term Based; Meets With: 001 MIL 1204001 MIL 204001 MIL 104001 MIL 3304001 MIL 1104; Mitchell Ruedebusch, David Wagner, Timothy Morton ; 0 cr.

404 MS IV Zero Credit Lead Lab

(A-F only; Prereq: Completion of basic courses, concurrent registration is required (or allowed) in 3402)
61223 001 LAB, 16:40-18:35 W, Armory Building 116, In Person Term Based; Meets With: 001 MIL 3404; Collin Keenan ; 0 cr.

1102 Introduction to the Profession of**Arms**

(A-F only;)
61222 001 LEC, 9:05- 9:55 W, Armory Building 116A, In Person Term Based; Mitchell Ruedebusch ; 1 cr.
61225 002 LEC, 13:25-14:15 W, Armory Building 116A, In Person Term Based; Mitchell Ruedebusch ; 1 cr.

1104 MS I One Credit Lead Lab

(A-F only; Prereq: concurrent registration is required (or allowed) in 1102)
61238 001 LAB, 16:40-18:30 W, Armory Building 100, In Person Term Based; Meets With: 001 MIL 1204001 MIL 204001 MIL 304001 MIL 104001 MIL 3304; Mitchell Ruedebusch, David Wagner, Timothy Morton ; 1 cr.

1202 Army Doctrine and Team Development

(A-F only; Prereq: Must enroll in lab.)
61221 001 LEC, 8:00- 8:50 MW, Armory Building 202, In Person Term Based; David Wagner ; 2 cr.
61226 002 LEC, 13:25-14:15 MW, Armory Building 202, In Person Term Based; David Wagner ; 2 cr.

1204 MS II One Credit Lead Lab

(A-F only; Prereq: concurrent registration is required (or allowed) in 1202)
61196 001 LAB, 16:40-18:30 W, Armory Building 100, In Person Term Based; Meets With: 001 MIL 204001 MIL 304001 MIL 104001 MIL 3304001 MIL 1104; Mitchell Ruedebusch, David Wagner, Timothy Morton ; 1 cr.

3302 Applied Leadership in Small Unit Operations

(A-F only; Prereq: Two yrs of ROTC or equiv established by U.S. Army, must see Army ROTC dept officials, concurrent registration is required (or allowed) in lab.)
61220 001 LEC, 8:00- 8:50 MWF, Armory Building 116, In Person Term Based; Timothy Morton, Jason Benjamin ; 3 cr.

3304 MS III One Credit Lead Lab

(A-F only; Prereq: Completion of basic courses, concurrent registration is required (or allowed) in 3302)
61233 001 LAB, 16:40-18:30 W, Armory Building 100, In Person Term Based; Meets With: 001 MIL 1204001 MIL 204001 MIL 304001 MIL 104001 MIL 1104; Mitchell Ruedebusch, David Wagner, Timothy Morton ; 1 cr.

3402 Company Grade Leadership

(A-F only; Prereq: Completion of all other military courses or Army equiv, concurrent registration is required (or allowed) in lab)
61219 001 LEC, 8:00- 8:50 MWF, Armory Building 116A, In Person Term Based; Collin Keenan ; 3 cr.

3404 MS IV One Credit Lead Lab

(A-F only; Prereq: Completion of basic courses, concurrent registration is required (or allowed) in 3402)
61228 001 LAB, 16:40-18:35 W, Armory Building 116, In Person Term Based; Meets With: 001 MIL 404; Collin Keenan ; 1 cr.

3970 Military History

(A-F only;)
61250 002 LEC, 16:30-18:00 TTh, Armory Building 202, In Person Term Based; Steven Scott, Nicholas Fox ; 3 cr.

Mol Cell Devlpmntal Biol/Gene (MCDG)**8333 FTE: Master's**

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
46627 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
46631 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
46640 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
46643 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
46646 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8900 Student Research Seminar

(S-N or Audit; Prereq: Grad MCDG or BMBB major dept consent)
46647 001 LEC, 12:15-13:15 M, Jackson Hall 2-137, In Person Term Based; Hiroshi Nakato ; 1 cr.

8950 Teaching Practicum

(S-N or Audit; Prereq: Grad MCDG major or dept consent)
46648 001 FWK, 00:00-00:00 , , In Person Term Based; 1 cr.

8993 Directed Studies

(Student Option; Prereq: MCDG grad student or instr consent)
46649 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

8994 Research

(S-N or Audit; Prereq: MCDG grad student or dept consent)
46650 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

Mortuary Science (MORT)**3012W Organization and Management of Funeral Business**

(A-F only; Prereq: Mortuary science major(WI))
58667 001 LEC, 13:30-16:00 M, Jackson Hall 2-125, In Person Term Based; Angela Woosley ; 3 cr.

3019 History & Practice of Funeral Directing II: 1861 - Present

(A-F only; Prereq: 3018, mortuary science major)
58466 001 LEC, 8:30-11:00 F, Jackson Hall 2-125, In Person Term Based; Michael Mathews ; 3 cr.

3022W Funeral Service Arrangements Laboratory

(A-F only; Prereq: Students enrolled in the Mortuary Science program(WI))
58417 001 LEC, 12:00-14:30 F, Jackson Hall 2-125, In Person Term Based; Angela Woosley ; 3 cr.
58648 002 LAB, 13:00-15:30 T, Jackson Hall 2-125, In Person Term Based; Angela Woosley ; 3 cr.
58651 003 LAB, 13:30-16:00 W, Jackson Hall 2-125, In Person Term Based; Angela Woosley ; 3 cr.

3030 Funeral Service Law

(A-F only; Prereq: 3025)
58418 001 LEC, 16:30-18:10 M, Jackson Hall 2-125, In Person Term Based; Doug Meslow ; 2 cr.

3048 Microbiology and Pathology for Funeral Service

(A-F only;)
58688 001 LEC, 8:30-10:10 MW, Jackson Hall 2-125, In Person Term Based; Michael Mathews ; 4 cr.

3051 Restorative Art

(A-F only; Prereq: [3171 or concurrent registration is required (or allowed) in 3171], concurrent registration is required (or allowed) in 3061, mortuary science major)

58342 001 LEC, 10:30-12:10 T, Jackson Hall 2-121, In Person Term Based; Giselle Wynia ; 2 cr.

3061 Embalming Theory

(A-F only; Prereq: [3171 or concurrent registration is required (or allowed) in 3171], concurrent registration is required (or allowed) in 3051, mortuary science major)
58397 001 LEC, 9:00-11:30 M, Jackson Hall 2-121, In Person Term Based; Giselle Wynia ; 3 cr.

3065 Embalming Chemistry

(A-F only;)
58465 001 LEC, 8:30-10:10 T, Jackson Hall 2-125, In Person Term Based; Michael Mathews ; 2 cr.

3151 Restorative Art Laboratory

(A-F only; Prereq: MORT 3171, concurrent registration is required (or allowed) in 3051, mortuary science major)
58343 001 LAB, 9:00-12:00 Th, Jackson Hall 5-125A, In Person Term Based; Giselle Wynia ; 1 cr.
58419 002 LAB, 13:30-16:30 Th, Jackson Hall 5-125A, In Person Term Based; Giselle Wynia ; 1 cr.

3161 Embalming Laboratory

(A-F only; Prereq: MORT 3171, concurrent registration is required (or allowed) in 3061, mortuary science major)
58302 001 LAB, 9:00-12:00 W, Jackson Hall 5-125A, In Person Term Based; Giselle Wynia ; 1 cr.
58303 002 LAB, 13:30-16:30 W, Jackson Hall 5-125A, In Person Term Based; Giselle Wynia ; 1 cr.

3379 Clinical Funeral Service Rotation

(A-F only; Prereq: 3014, 3021W, 3051, 3061, 3151, 3161, 3171, 3370, mortuary science major)
58398 001 ROT, 10:30-12:30 T, No Room Required, In Person Term Based; Meets With: 002 MORT 3379; Angela Woosley ; 1-6 cr.
58579 002 ROT, 10:30-12:30 T, No Room Required, In Person Term Based; Meets With: 001 MORT 3379; Angela Woosley ; 1-6 cr.
69960 003 ROT, 10:30-12:15 T, No Room Required, In Person Term Based; Angela Woosley ; 1-6 cr.
69961 004 ROT, 10:30-12:15 T, No Room Required, In Person Term Based; Angela Woosley ; 1-6 cr.

Moving Image Studies (MIMS)**8003 Historiography of the Moving Image**

(A-F only;)
51802 001 LEC, 16:30-19:00 F, Nicholson Hall 325, 13:30-16:00 F, Nicholson Hall 325, In Person Term Based; Siobhan Craig ; 3 cr.

Multi-Inst Cross Registration (MULT)**Multidisciplinary Studies (MDS)****3001W Introduction to Multidisciplinary Studies**

(A-F only; Prereq: Admitted to multidisciplinary studies(WI))
60939 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Lisa Garrett ; 3 cr.

3101 Project Development

(A-F only; Prereq: 3001W, Mds major, adviser referral, permission number, basic computer/internet skills)
61064 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Lisa Garrett ; 1 cr.

3201 Project Registration 1

(A-F only; Prereq: 3001W, Mds major, C- or above in 3101, approved project proposal, permission number, basic computer and internet skills)
61095 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Lisa Garrett ; 3 cr.

3202 Project Registration 2

(A-F only; Prereq: 3001W, Mds major status, C- or above 3101, approved project proposal, permission number, basic computer/internet skills)
61096 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Lisa Garrett ; 3 cr.

3203 Project Registration 3

(A-F only; Prereq: 3001W, MdS major, C- or above
3101, approved project proposal, permission number,
basic computer/internet skills)

61097 301 LEC, 00:00-00:00 , ONLINE, Completely Online;
Lisa Garrett ; 3 cr.

Museum Studies (MST)**5012 Museum Practices**

(A-F or Audit; Prereq: Grad student or instr consent)
45870 001 LEC, 14:30-17:15 W, Weisman Art Museum 111,
In Person Term Based; 3 cr.

5020 Internship

(S-N or Audit; Prereq: 5011, 5012, dept consent)

45869 001 FWK, Independent/Directed Study; 1-6 cr.
64104 002 FWK, Independent/Directed Study; Lyndel King ;
1-6 cr.

8993 Directed Study in Museum Studies

(A-F or Audit; Prereq: [5012 or concurrent registration
is required (or allowed) in 5012], instr consent, dept
consent)

45985 001 IND, Independent/Directed Study; Lin Nelson-
Mayson ; 1-4 cr.
64609 002 IND, Independent/Directed Study; Lyndel King ;
1-4 cr.

Music (MUS)**901 Junior Recital**

(A-F or Audit; Prereq: Music major, concurrent
registration is required (or allowed) in applied music,
instr consent, dept consent)

48987 001 DIS, In Person Term Based; 0 cr.

951 Senior Recital

(A-F or Audit; Prereq: Music major, concurrent
registration is required (or allowed) in applied music,
instr consent, dept consent)

48988 001 DIS, In Person Term Based; 0 cr.

**1013 Rock I: The Historical Origins and
Development of Rock Music to 1970**

(A-F or Audit; AH,DSJ)

51704 301 LEC, 00:00-00:00 , ONLINE, Completely Online;
Alex Lubet ; 3 cr.
52288 001 LEC, 12:20-13:10 MW, TCF Bank Stadium
G065A, In Person Term Based; Scott Currie ; 3 cr.
52289 002 DIS, 8:00- 8:50 F, Ferguson Hall 105, In Person
Term Based; Katelyn Medic ; 3 cr.
52290 003 DIS, 11:15-12:05 F, Ferguson Hall 123, In Person
Term Based; Kendra Wheeler ; 3 cr.
52291 004 DIS, 9:05- 9:55 F, Ferguson Hall 123, In Person
Term Based; William Heinze ; 3 cr.
52292 005 DIS, 9:05- 9:55 F, Ferguson Hall 107, In Person
Term Based; Roque Diaz ; 3 cr.
52293 006 DIS, 11:15-12:05 F, Ferguson Hall 105, In Person
Term Based; Joseph Nelson ; 3 cr.
52294 007 DIS, 11:15-12:05 F, Ferguson Hall 107, In Person
Term Based; William Heinze ; 3 cr.
52295 008 DIS, 12:20-13:10 F, Ferguson Hall 123, In Person
Term Based; Roque Diaz ; 3 cr.
52296 009 DIS, 12:20-13:10 F, Ferguson Hall 105, In Person
Term Based; Kendra Wheeler ; 3 cr.
52297 010 DIS, 12:20-13:10 F, Ferguson Hall 107, In Person
Term Based; Kyriaki Gkoudina ; 3 cr.
52298 011 DIS, 14:30-15:20 F, Ferguson Hall 107, In Person
Term Based; Joseph Nelson ; 3 cr.
52299 012 DIS, 13:25-14:15 F, Ferguson Hall 107, In Person
Term Based; Solveig Mebust ; 3 cr.
52300 013 DIS, 13:25-14:15 F, Ferguson Hall 123, In Person
Term Based; Kyriaki Gkoudina ; 3 cr.
69656 302 LEC, Completely Online; Gian Afrisando
Pujakusuma ; 3 cr.
69657 303 LEC, Completely Online; Yan Clark ; 3 cr.
69658 304 LEC, Completely Online; Tetsuya Takeno ; 3 cr.
70153 305 LEC, Completely Online; Katelyn Medic ; 3 cr.

**1015W Music and Movies: The Use and
Representation of Music and Musicians
in Film in a Global Context**

(A-F or Audit; WI)

52490 001 LAB, In Person Term Based; 4 cr.
52491 301 LEC, Completely Online; 4 cr.

1021 Introduction to Music

(Student Option; AH)

49707 001 LEC, 10:10-11:00 MWF, Ferguson Hall 225, In
Person Term Based; Meets With: 001 MUS 3021; Peter
Mercer-Taylor ; 3 cr.

**1051 Class Piano for Nonmusic Majors I
(Student Option No Audit;)**

48808 001 LEC, 9:05- 9:55 MW, Ferguson Hall 265, In
Person Term Based; 2 cr.
48809 002 LEC, 12:20-13:10 MW, Ferguson Hall 265, In
Person Term Based; 2 cr.
48810 003 LEC, 13:25-14:15 MW, Ferguson Hall 265, In
Person Term Based; 2 cr.
48811 004 LEC, 14:30-15:20 MW, Ferguson Hall 265, In
Person Term Based; 2 cr.
48812 005 LEC, 15:35-16:25 MW, Ferguson Hall 265, In
Person Term Based; 2 cr.
48813 006 LEC, 9:05- 9:55 TTh, Ferguson Hall 265, In
Person Term Based; 2 cr.
49708 007 LEC, 13:25-14:15 TTh, Ferguson Hall 265, In
Person Term Based; 2 cr.
49709 008 LEC, 14:30-15:20 TTh, Ferguson Hall 265, In
Person Term Based; 2 cr.

**1052 Class Piano for Non Music Majors II
(Student Option No Audit;)**

48816 001 LEC, 12:20-13:10 TTh, Ferguson Hall 265, In
Person Term Based; 2 cr.

1152 Piano: Class Lessons II

(A-F or Audit; Prereq: instr consent)

48822 001 LEC, 10:10-11:00 MW, Ferguson Hall 265, In
Person Term Based; 2 cr.
48823 002 LEC, 11:15-12:05 MW, Ferguson Hall 265, In
Person Term Based; 2 cr.
48824 003 LEC, 10:10-11:00 TTh, Ferguson Hall 265, In
Person Term Based; 2 cr.
48825 004 LEC, 11:15-12:05 TTh, Ferguson Hall 265, In
Person Term Based; 2 cr.

1260 Voice Class

(Student Option; Prereq: Basic musicianship for
learning and performing simple songs. In this context,
basic musicianship means: 1. Ability to match pitch
2. Ability to repeat and read simple a simple rhythm.
3. Ability to learn a song independently from sheet
music.)

48826 001 LEC, 10:10-11:00 MW, Ferguson Hall 90, In
Person Term Based; 2 cr.
48827 002 LEC, 18:15-20:00 T, Ferguson Hall 90, In Person
Term Based; 2 cr.
48828 003 LEC, 18:15-20:00 Th, Ferguson Hall 90, In
Person Term Based; 2 cr.

1471 Guitar: Class Lessons I

(A-F or Audit;)

48974 001 LEC, 13:25-14:15 MW, Ferguson Hall 105, In
Person Term Based; 2 cr.
49530 002 LEC, 14:30-15:20 MW, Ferguson Hall 105, In
Person Term Based; 2 cr.
49860 003 LEC, 15:35-16:25 MW, Ferguson Hall 107, In
Person Term Based; 2 cr.
49863 004 LEC, 13:25-14:15 TTh, Ferguson Hall 107, In
Person Term Based; 2 cr.
49864 005 LEC, 14:30-15:20 TTh, Ferguson Hall 107, In
Person Term Based; 2 cr.
50050 006 LEC, 15:35-16:25 TTh, Ferguson Hall 149, In
Person Term Based; 2 cr.
50099 007 LEC, 18:30-20:30 M, Ferguson Hall 107, In
Person Term Based; 2 cr.
50100 008 LEC, 18:30-20:30 W, Ferguson Hall 107, In
Person Term Based; 2 cr.

1472 Guitar: Class Lessons II

(A-F or Audit; Prereq: 1471 or instr consent)

50163 001 LEC, 16:40-17:30 MW, Ferguson Hall 105, In
Person Term Based; Momcilo Aleksandric ; 2 cr.

1502 Theory and Analysis of Tonal Music II

(A-F or Audit; Prereq: [1501, 1511 with grade of at least
C-] or diagnostic test administered by School of Music)

48860 001 LEC, 8:00- 8:50 WF, Ferguson Hall 225, In
Person Term Based; Bruce Quaglia ; 2 cr.
49810 002 DIS, 9:05- 9:55 M, Ferguson Hall 115, In Person
Term Based; Matthew Harikian ; 2 cr.
49811 003 DIS, 9:05- 9:55 M, Ferguson Hall 123, In Person
Term Based; Rina Sugawara ; 2 cr.
49812 004 DIS, 9:05- 9:55 M, Ferguson Hall 149, In Person
Term Based; Patricia Morgan-Brist ; 2 cr.
49813 005 DIS, 9:35-10:25 T, Ferguson Hall 149, In Person
Term Based; Patricia Morgan-Brist ; 2 cr.
50051 006 DIS, 9:35-10:25 T, Ferguson Hall 123, In Person
Term Based; Audrey Slotte ; 2 cr.

1512 Ear-Training and Sight-Singing II

(A-F or Audit; Prereq: [1501, 1511 with grade of at least
C-] or diagnostic exam administered by School of
Music), [music major or instr consent]

50438 001 LEC, 8:00- 8:50 M, Ferguson Hall 225, In Person
Term Based; Bruce Quaglia ; 1 cr.
50439 002 DIS, 9:05- 9:55 W, Ferguson Hall 115, In Person
Term Based; Audrey Slotte ; 1 cr.
50440 003 DIS, 9:05- 9:55 W, Ferguson Hall 123, In Person
Term Based; Matthew Harikian ; 1 cr.
50441 004 DIS, 9:05- 9:55 W, Ferguson Hall 149, In Person
Term Based; Rina Sugawara ; 1 cr.
50442 005 DIS, 9:35-10:25 Th, Ferguson Hall 149, In Person
Term Based; Matthew Harikian ; 1 cr.
50597 006 DIS, 9:35-10:25 Th, Ferguson Hall 123, In Person
Term Based; Daniel Parks ; 1 cr.

1804 World Music

(Student Option; Prereq: Registration for this course
is open until the first day of class, at which point
instructor consent will be required.AH,GP)

49033 001 LEC, 13:00-14:30 MW, Ferguson Hall 225, In
Person Term Based; Matthew Rahaim ; 3 cr.

1912 Guitar Heroes

(Student Option No Audit;)

67999 001 DIS, 16:00-17:15 TTh, Ferguson Hall 115, In
Person Term Based; Maja Radovanlija ; 3 cr.

**1913 In the Midst of Desolation: Music of
World War I**

(Student Option No Audit;)

68000 001 DIS, 13:25-15:55 T, Ferguson Hall 123, In Person
Term Based; Matthew Mehaffey ; 3 cr.

1915 The Color of Music

(Student Option No Audit;)

68001 001 DIS, 13:25-15:55 T, Ferguson Hall 105, In Person
Term Based; Gabriela Currie ; 3 cr.

3021 Introduction to Music

(Student Option; AH)

48989 001 LEC, 10:10-11:00 MWF, Ferguson Hall 225, In
Person Term Based; Meets With: 001 MUS 1021; Peter
Mercer-Taylor ; 3 cr.

3200 Campus Singers

(Student Option;)

51061 001 LAB, 12:15-13:15 TTh, Ferguson Hall 90, In
Person Term Based; Amanda Weber ; 2 cr.
51062 002 LAB, 18:00-20:00 M, Ferguson Hall 90, In Person
Term Based; Ahmed Anzaldua El Samkary ; 2 cr.
51063 003 LAB, 18:00-20:00 W, Ferguson Hall 90, In Person
Term Based; Kira Winter ; 2 cr.
51341 004 LAB, 15:35-17:35 M , In Person Term Based;
Matthew Mehaffey ; 2 cr.

3230 Chorus

(Student Option; Prereq: Choral and/or instrumental
music background, audition, instr consent)

48853 001 LAB, 15:35-17:05 MW, Ferguson Hall 90, In
Person Term Based; Meets With: 001 MUS 5230; Kathy
Romey ; 1-2 cr.

3262 English Diction for Singers

(A-F or Audit; Prereq: Voice or choral music major,
concurrent registration is required (or allowed) in
applied voice)

68160 001 LAB, 11:15-12:05 MW, Ferguson Hall 90, In
Person Term Based; Jane Giering-De Haan ; 1 cr.

3264 French Diction for Singers

(A-F or Audit; Prereq: Voice or choral music major,
concurrent enroll in applied voice)

48951 001 LEC, 11:15-12:05 TTh, Ferguson Hall 90, In
Person Term Based; Philip Zawisza ; 1 cr.

3340 Jazz Ensemble

(A-F or Audit; Prereq: Audition, instr consent)

48851 001 LAB, 15:35-17:00 TTh, Ferguson Hall 95, In
Person Term Based; Meets With: 001 MUS 5340; Dean
Sorenson ; 1 cr.
48852 002 LAB, 11:15-12:05 MWF, Ferguson Hall 95, In
Person Term Based; Meets With: 002 MUS 5340; Dean
Sorenson ; 1 cr.

3350 Jazz Combo

(A-F or Audit; Prereq: Audition, instr consent)

48829 001 LAB, 10:10-11:00 MW, Ferguson Hall 3, In
Person Term Based; Philip Hey, Dean Sorenson ; 1 cr.
48830 002 LAB, 11:15-12:05 MW, Ferguson Hall 3, In
Person Term Based; Philip Hey, Dean Sorenson ; 1 cr.
48831 003 LAB, 12:20-13:10 MW, Ferguson Hall 3, In
Person Term Based; Philip Hey, Dean Sorenson ; 1 cr.

3400 University and Campus Bands

(Student Option;)

50421 001 LAB, 19:00-20:30 MTh, Ferguson Hall 95, In Person Term Based; Betsy McCann ; 2 cr.
 50422 002 LAB, 19:00-21:00 M, TCF Bank Stadium G065A, In Person Term Based; Cassandra Bechard ; 2 cr.
 50768 003 LAB, 19:00-21:00 W, TCF Bank Stadium G065A, In Person Term Based; John Smith ; 2 cr.
 51335 004 LAB, 19:00-21:00 Th, TCF Bank Stadium G065A, In Person Term Based; Cory Near ; 2 cr.
 70227 005 LAB, 19:00-20:30 Th, , In Person Term Based; Michelle Bell ; 2 cr.

3401 Basic Conducting**(A-F or Audit; Prereq: 1502, music major)**

49131 001 LEC, 11:15-12:05 M, Ferguson Hall 85, In Person Term Based; Craig Kirchhoff, Betsy McCann ; 2 cr.
 49132 002 LAB, 11:15-12:05 TTh, Ferguson Hall 85, In Person Term Based; Craig Kirchhoff, Betsy McCann ; 2 cr.
 49133 003 LAB, 11:15-12:05 WF, Ferguson Hall 85, In Person Term Based; Betsy McCann, Craig Kirchhoff ; 2 cr.

3410 University Wind Bands**(A-F or Audit; Prereq: Audition, instr consent)**

49056 001 LAB, 13:25-15:20 MWF, Ferguson Hall 95, In Person Term Based; Meets With: 001 MUS 5410; Emily Threinen ; 1 cr.
 49057 002 LAB, 13:25-15:20 TTh, Ferguson Hall 95, 13:25-14:15 F, , In Person Term Based; Meets With: 002 MUS 5410; Jerry Luckhardt ; 1 cr.

3420 Orchestra**(A-F or Audit; Prereq: Audition, instr consent)**

48919 001 LAB, 13:25-15:20 MWF, Ferguson Hall 85, In Person Term Based; Meets With: 001 MUS 5420; Mark Russell Smith ; 1 cr.
 68271 002 LAB, In Person Term Based; Mark Russell Smith ; 1 cr.

3430 Campus Orchestra**(Student Option; Prereq: Non-music major or unable to register for University Orchestra)**

49121 001 LAB, 18:00-20:00 M, , In Person Term Based; Ernesto Estigarribia, Qinqing Hilkert, Ho Yin Kwok ; 2 cr.
 50889 002 LAB, 18:00-20:00 W, , In Person Term Based; Ernesto Estigarribia, Qinqing Hilkert, Ho Yin Kwok ; 2 cr.
 51222 003 LAB, 18:00-20:00 T, Ferguson Hall 85, In Person Term Based; Ernesto Estigarribia, Qinqing Hilkert, Ho Yin Kwok ; 2 cr.

3440 Chamber Ensemble**(A-F or Audit; Prereq: instr consent)**

48914 001 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 001 MUS 5440; Young-Nam Kim ; 1 cr.
 48915 002 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 002 MUS 5440; Sally O'Reilly ; 1 cr.
 48916 003 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 003 MUS 5440; Thomas Ashworth ; 1 cr.
 48917 004 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 004 MUS 5440; Thomas Ashworth ; 1 cr.
 48918 005 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 005 MUS 5440; Immanuel Davis ; 1 cr.
 70546 006 LAB, In Person Term Based; Maja Radovanlija ; 1 cr.
 70547 007 LAB, In Person Term Based; ; 1 cr.
 70548 008 LAB, In Person Term Based; ; 1 cr.
 70549 009 LAB, In Person Term Based; ; 1 cr.
 70550 010 LAB, In Person Term Based; Young-Nam Kim ; 1 cr.
 70551 011 LAB, In Person Term Based; Maja Radovanlija ; 1 cr.
 70552 012 LAB, In Person Term Based; David Baldwin ; 1 cr.
 70553 013 LAB, In Person Term Based; Sally O'Reilly ; 1 cr.
 70554 014 LAB, In Person Term Based; ; 1 cr.
 70555 015 LAB, In Person Term Based; Preston Duncan ; 1 cr.
 70556 016 LAB, In Person Term Based; Caroline Lemen ; 1 cr.
 70557 017 LAB, In Person Term Based; ; 1 cr.
 70558 018 LAB, In Person Term Based; Tanya Remenikova ; 1 cr.
 70559 019 LAB, In Person Term Based; Lydia Artymiw ; 1 cr.
 70560 020 LAB, In Person Term Based; Paul Shaw ; 1 cr.
 70561 021 LAB, In Person Term Based; Kyung Kim ; 1 cr.
 70562 022 LAB, In Person Term Based; Timothy Lovelace ; 1 cr.
 70563 023 LAB, In Person Term Based; Korey Konkol ; 1 cr.
 70564 024 LAB, In Person Term Based; Alexander Braginsky ; 1 cr.
 70565 025 LAB, In Person Term Based; Norbert Nielubowski ; 1 cr.

3490 Athletics Bands**(A-F or Audit; Prereq: instr consent)**

49999 001 LAB, 00:00-00:00 , , In Person Term Based; Betsy McCann ; 1 cr.

50000 002 LAB, 00:00-00:00 , , In Person Term Based; Betsy McCann ; 1 cr.

50001 003 LAB, 00:00-00:00 , , In Person Term Based; Betsy McCann ; 1 cr.

3508 Review of Tonal Theory**(Student Option; Prereq: Theory placement exam)**

51503 001 LEC, 8:15- 9:30 TTh, Ferguson Hall 115, In Person Term Based; Ryan O'Dell ; 2 cr.

3518 Review of Ear-Training and Sight-Singing**(Student Option; Prereq: Theory Placement Exam)**

51504 001 LEC, 10:10-11:00 TTh, Ferguson Hall 115, In Person Term Based; Ryan O'Dell ; 1 cr.

3601W History of Western Music I**(A-F or Audit; Prereq: dept consentW)**

48991 001 LEC, 8:00- 9:25 TTh, Ferguson Hall 225, In Person Term Based; Kelley Harness ; 3 cr.
 48992 002 DIS, 9:05- 9:55 F, Ferguson Hall 105, In Person Term Based; Mary Kirchdorfer ; 3 cr.
 48993 003 DIS, 9:05- 9:55 F, Ferguson Hall 115, In Person Term Based; jeffrey hanson ; 3 cr.
 48994 004 DIS, 10:10-11:00 F, Ferguson Hall 105, In Person Term Based; Mary Kirchdorfer ; 3 cr.
 48995 005 DIS, 10:10-11:00 F, Ferguson Hall 115, In Person Term Based; jeffrey hanson ; 3 cr.

3603W History of Western Music III**(A-F or Audit; Prereq: [[3501 3511, 3602] with a grade of at least C-, music major] or instr consentW)**

49699 001 LEC, 9:35-11:00 TTh, Ferguson Hall 225, In Person Term Based; David Grayson ; 3 cr.
 49700 002 DIS, 8:00- 8:50 F, Ferguson Hall 123, In Person Term Based; Kathryn Huether ; 3 cr.
 49701 003 DIS, 8:00- 8:50 F, Ferguson Hall 149, In Person Term Based; Andrew Stoebig ; 3 cr.
 49702 004 DIS, 10:10-11:00 F, Ferguson Hall 107, In Person Term Based; Kathryn Huether ; 3 cr.
 50982 005 DIS, 10:10-11:00 F, Ferguson Hall 203, In Person Term Based; Andrew Stoebig ; 3 cr.

3993 Directed Studies**(A-F or Audit; Prereq instr consent, dept consent, college consent.)**

48922 001 IND, In Person Term Based; 1-4 cr.

3995 Major Project**(A-F or Audit; Prereq: Undergrad music major in B.A. program, instr consent, dept consent)**

48924 001 IND, In Person Term Based; 1 cr.

4502 18th-Century Counterpoint**(A-F or Audit; Prerequisite. Topics to be covered will include: melody, two- and three-part counterpoint; diminutions; cadences, motivic development, and form; techniques for cantus firmus, imitative, and free counterpoint; canon and fugue; and chromaticism. prereq: [3501, 3508] or pass basic skills exam)**

68763 001 LEC, 12:20-13:10 MWF, Ferguson Hall 203, In Person Term Based; Dean Billmeyer ; 3 cr.

4504 Intensive Theory and Analysis of 20th-Century Music**(A-F or Audit; Prereq: [3501, 3511] or instr consent)**

51515 001 LEC, 9:05- 9:55 WF, Ferguson Hall 225, In Person Term Based; Sumanth Gopinath ; 2 cr.
 51516 002 LAB, 8:00- 8:50 M, Ferguson Hall 123, In Person Term Based; 2 cr.
 51517 003 LAB, 8:00- 8:50 M, Ferguson Hall 149, In Person Term Based; 2 cr.
 52094 004 LAB, 8:35- 9:25 T, Ferguson Hall 123, In Person Term Based; 2 cr.
 52095 005 LAB, 8:35- 9:25 T, Ferguson Hall 149, In Person Term Based; 2 cr.

4514 Ear-Training and Sight-Singing for 20th-Century Music**(A-F or Audit; Prereq: Completion of [3502, 3512] with grade of at least C-)**

51518 001 LEC, 9:05- 9:55 M, Ferguson Hall 225, In Person Term Based; Sumanth Gopinath ; 1 cr.
 51519 002 DIS, 8:00- 8:50 W, Ferguson Hall 123, In Person Term Based; 1 cr.
 51520 003 DIS, 8:00- 8:50 W, Ferguson Hall 149, In Person Term Based; 1 cr.
 51521 004 DIS, 8:35- 9:25 Th, Ferguson Hall 123, In Person Term Based; 1 cr.
 51522 005 DIS, 8:35- 9:25 Th, Ferguson Hall 149, In Person Term Based; 1 cr.

5150 Body Awareness in Activity: The Alexander Technique for Musicians**(Student Option;)**

51238 001 LAB, 11:15-12:55 Th, Ferguson Hall 81, In Person Term Based; Brian McCullough ; 2 cr.

5230 Chorus**(Student Option; Prereq: Choral and/or instrumental music background; audition, instr consent)**

48854 001 LAB, 15:35-17:05 MW, Ferguson Hall 90, In Person Term Based; Meets With: 001 MUS 3230; Kathy Romey ; 1-2 cr.

5240 University Singers**(A-F or Audit; Prereq: Audition, instr consent)**

49060 001 LAB, 12:45-14:15 MWF, Ferguson Hall 90, In Person Term Based; Matthew Mehaffey, Kathy Romey ; 1 cr.
 52022 002 LAB, 12:45-14:15 MWF, Ferguson Hall 99, In Person Term Based; Kathy Romey ; 1 cr.

5250 Opera Workshop and Ensemble**(A-F or Audit; Prereq: audition, instr consent)**

49140 001 LAB, 15:35-18:30 TTh, Ferguson Hall 99, In Person Term Based; David Walsh ; 2 cr.
 50158 002 LAB, 18:30-21:30 MTh, Ferguson Hall 99, In Person Term Based; David Walsh ; 2 cr.

5272 Diction for Singers II**(A-F or Audit; Prereq: 12 cr MusA 1304 or grad music major or instr consent)**

49940 001 LEC, 10:10-12:05 F, Ferguson Hall 81, In Person Term Based; Philip Zawisza ; 2 cr.

5276 Vocal Pedagogy II**(A-F or Audit; Prereq: Sr vocal major or instr consent)**

52325 001 DIS, 11:15-12:05 Th, , 11:15-13:10 T, , In Person Term Based; Jean Del Santo ; 3 cr.

5280 Opera Theatre**(A-F or Audit; Prereq: audition, instr consent)**

50344 001 LAB, 10:30-17:30 Sa, Ferguson Hall 99, 14:30-17:30 MWF, Ferguson Hall 99, In Person Term Based; David Walsh ; 2 cr.

5336 Jazz Arranging**(A-F or Audit; Prereq: 3502 or instr consent)**

68272 001 LEC, 10:10-11:00 MWF, Ferguson Hall 123, In Person Term Based; Dean Sorenson ; 3 cr.

5340 Jazz Ensemble**(A-F or Audit; Prereq: audition, instr consent)**

48837 001 LAB, 15:35-17:00 TTh, Ferguson Hall 95, In Person Term Based; Meets With: 001 MUS 3340; Dean Sorenson ; 1 cr.
 48838 002 LAB, 11:15-12:05 MWF, Ferguson Hall 95, In Person Term Based; Meets With: 002 MUS 3340; Dean Sorenson ; 1 cr.

5410 University Wind Bands**(A-F or Audit; Prereq: audition, instr consent)**

49058 001 LAB, 13:25-15:20 MWF, Ferguson Hall 95, In Person Term Based; Meets With: 001 MUS 3410; Emily Threinen ; 1 cr.
 49059 002 LAB, 13:25-14:15 F, , 13:25-15:20 TTh, Ferguson Hall 95, In Person Term Based; Meets With: 002 MUS 3410; Jerry Luckhardt ; 1 cr.

5420 Orchestra**(A-F or Audit; Prereq: audition, instr consent)**

49083 001 LAB, 13:25-15:20 MWF, Ferguson Hall 85, In Person Term Based; Meets With: 001 MUS 3420; Mark Russell Smith ; 1 cr.
 68273 002 LAB, In Person Term Based; Mark Russell Smith ; 1 cr.

5440 Chamber Ensemble**(A-F or Audit; Prereq: audition, instr consent)**

49134 001 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 001 MUS 3440; Young-Nam Kim ; 1 cr.
 49135 002 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 002 MUS 3440; Sally O'Reilly ; 1 cr.
 49136 003 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 003 MUS 3440; Thomas Ashworth ; 1 cr.
 49137 004 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 004 MUS 3440; Thomas Ashworth ; 1 cr.
 49138 005 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 005 MUS 3440; Immanuel Davis ; 1 cr.
 70566 006 LAB, In Person Term Based; Maja Radovanlija ; 1 cr.
 70567 007 LAB, In Person Term Based; ; 1 cr.
 70568 008 LAB, In Person Term Based; ; 1 cr.
 70569 009 LAB, In Person Term Based; ; 1 cr.
 70570 010 LAB, In Person Term Based; Young-Nam Kim ; 1 cr.
 70571 011 LAB, In Person Term Based; Maja Radovanlija ; 1 cr.

70572 012 LAB, In Person Term Based; David Baldwin ; 1 cr.
 70575 013 LAB, In Person Term Based; Sally O'Reilly ; 1 cr.
 70576 014 LAB, In Person Term Based; ; 1 cr.
 70577 015 LAB, In Person Term Based; Preston Duncan ; 1 cr.
 70578 016 LAB, In Person Term Based; Caroline Lemen ; 1 cr.
 70579 017 LAB, In Person Term Based; ; 1 cr.
 70580 018 LAB, In Person Term Based; Tanya Remenikova ; 1 cr.
 70581 019 LAB, In Person Term Based; Lydia Artymiw ; 1 cr.
 70582 020 LAB, In Person Term Based; Paul Shaw ; 1 cr.
 70583 021 LAB, In Person Term Based; Kyung Kim ; 1 cr.
 70584 022 LAB, In Person Term Based; Timothy Lovelace ; 1 cr.
 70585 023 LAB, In Person Term Based; Korey Konkol ; 1 cr.
 70586 024 LAB, In Person Term Based; Alexander Braginsky ; 1 cr.
 70587 025 LAB, In Person Term Based; Norbert Nielubowski ; 1 cr.

5460 World Music Ensemble

(Student Option;)
 50990 001 LAB, 18:00-20:00 W, , In Person Term Based; Scott Currie ; 1-2 cr.

5490 Percussion Ensemble

(A-F or Audit; Prereq: instr consent)
 48920 001 LAB, 15:35-17:30 MF, , In Person Term Based; Fernando Meza ; 1 cr.

5493 Javanese Gamelan Music Ensemble

(Student Option;)
 68274 001 LAB, 16:00-17:30 MW, , In Person Term Based; Joko Sutrisno ; 1 cr.

5550 Class Composition

(A-F or Audit; Prereq: [4504, 4514 [with C- or better]] or instr consent)
 70045 001 LEC, 18:00-20:00 Th, Ferguson Hall 123, In Person Term Based; Alex Lubet ; 2 cr.

5592 Music Informatics Seminar

(A-F or Audit; Prereq: 5591 or instr consent)
 68764 001 LEC, 16:00-17:00 F, , 16:00-18:00 W, Ferguson Hall 123, In Person Term Based; Guerino Mazzola ; 3 cr.

5611 Resources for Music Research

(A-F or Audit; Prereq: 3603)
 52331 001 LEC, 9:45-11:00 TTh, , In Person Term Based; Peter Mercer-Taylor ; 3 cr.

5620 Topics in Opera History

(A-F only;)
 68765 001 LEC, 10:10-12:05 Th, , 10:10-11:00 T, , In Person Term Based; Kelley Harness ; 3 cr.

5631 Beethoven Sonatas for Solo Piano, Violin, & Cello

(A-F only;)
 68766 001 DIS, 11:15-13:10 W, Ferguson Hall 105, 12:20-13:10 M, Ferguson Hall 105, In Person Term Based; David Grayson ; 3 cr.

5647 20th-Century European/American Music

(Student Option; Prereq: 3603 or equiv, 5501 or equiv, 12 undergrad cr in music history)
 52332 001 LEC, 9:05-11:40 F, Ferguson Hall 149, In Person Term Based; Karen Painter ; 3 cr.

5701 Music, Disability, and Society

(A-F only; Prereq: Grad student in music or instr consent)
 68767 001 LEC, 18:00-20:30 M, Ferguson Hall 123, In Person Term Based; Meets With: 003 BTHX 5000; Alex Lubet ; 3 cr.

5731 Jazz and Modernism

(A-F or Audit; Prereq: Graduate student in music or instr consent)
 68768 001 LEC, 9:45-11:00 MW, Ferguson Hall 107, In Person Term Based; Scott Currie ; 3 cr.

5950 Topics in Music

(A-F only;)
 52624 001 LEC, 10:10-11:00 W, Ferguson Hall 105, 10:10-12:05 M, Ferguson Hall 105, In Person Term Based; Bruce Quaglia ; 1-4 cr.
 52625 002 LEC, 10:10-12:40 M, Ferguson Hall 205, In Person Term Based; Gabriela Currie ; 1-4 cr.
 52627 004 LEC, 15:45-18:00 T, Ferguson Hall 81, In Person Term Based; Craig Kirchhoff ; 1-4 cr.

52628 005 LEC, 11:15-12:05 MWF, Ferguson Hall 203, In Person Term Based; Guerino Mazzola ; 1-4 cr.

5993 Directed Studies

(Student Option; Prereq: instr consent, dept consent, college consent.)
 48923 001 IND, In Person Term Based; 1-4 cr.

8181 Operatic Accompaniment Skills and Repertoire

(A-F or Audit; Prereq: Grad student with major in accompanying or in conducting)
 68770 001 LEC, 9:05-11:00 T, , In Person Term Based; Timothy Lovelace ; 2 cr.

8299 Performance in Choral Conducting

(A-F or Audit; Prereq: instr consent)
 52337 001 LAB, In Person Term Based; Kathy Romey, Matthew Mehaffey ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
 49551 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
 49573 001 IND, In Person Term Based; 1 cr.

8450 Graduate Seminar in Conducting

(A-F or Audit; Prereq: Grad student in conducting or instr consent)
 50159 001 LEC, 19:00-21:00 T, Ferguson Hall 95, 15:45-18:00 T, Ferguson Hall 157, In Person Term Based; Emily Threinen ; 3-4 cr.
 50160 002 LEC, 9:30-12:30 F, Ferguson Hall 90, In Person Term Based; Kathy Romey ; 3-4 cr.
 50161 003 LEC, 9:30-12:30 W, , In Person Term Based; Mark Russell Smith ; 3-4 cr.

8550 Composition

(A-F or Audit; Prereq: instr consent)
 48859 001 IND, 15:35-17:00 M, Ferguson Hall 123, In Person Term Based; Alex Lubet ; 3 cr.

8580 Topics in Tonal Analysis

(A-F or Audit; Prereq: instr consent)
 68772 001 LEC, 11:15-13:10 Th, Ferguson Hall 203, 11:15-12:05 T, Ferguson Hall 203, In Person Term Based; David Damschroder ; 3 cr.

8590 Topics in 20th-Century Analysis

(A-F or Audit;)
 51645 001 LEC, 13:30-16:30 T, Ferguson Hall 203, In Person Term Based; Bruce Quaglia ; 3 cr.
 69311 002 LEC, 14:00-17:00 Th, Ferguson Hall 205, In Person Term Based; Sumanth Gopinath ; 3 cr.

8640 Seminar in Musicology

(A-F or Audit; Prereq: Musicology or theory emphasis or instr consent)
 51257 002 LEC, 13:30-16:30 T, Ferguson Hall 205, In Person Term Based; Matthew Rahaim ; 3 cr.
 52093 001 LEC, 12:20-15:00 F, , In Person Term Based; Karen Painter ; 3 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
 49598 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
 49618 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
 49650 001 IND, In Person Term Based; 1-24 cr.

8994 Directed Research

(A-F or Audit; Prereq: instr consent)
 49820 001 IND, In Person Term Based; 1-3 cr.

8999 Recital Credits: Doctoral

(A-F or Audit; Prereq: DMA student, instr consent)
 49184 001 DIS, In Person Term Based; 4 cr.
 49857 002 DIS, In Person Term Based; 4 cr.

Music Applied (MUSA)**1101 Piano: Elective (non-major in music)**
(A-F or Audit; Prereq: dept consent)

48836 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.
 49456 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.
 49457 003 LAB, 00:00-00:00 , , In Person Term Based; Paul Shaw ; 2-4 cr.

1103 Organ: Elective (non-major in music)
(A-F or Audit; Prereq: dept consent)

48861 001 LAB, 00:00-00:00 , , In Person Term Based; Dean Billmeyer ; 2-4 cr.

1104 Voice: Elective (non-major in music)
(A-F or Audit; Prereq: dept consent)

48862 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.
 49460 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.
 49461 003 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

1105 Violin: Elective (non-major in music)
(A-F or Audit; Prereq: dept consent)

69996 001 LAB, In Person Term Based; Young-Nam Kim ; 2-4 cr.

1108 Double Bass: Elective (non-major in music)
(A-F or Audit; Prereq: dept consent)

70274 001 LAB, In Person Term Based; Christopher Brown ; 2-4 cr.
 70275 002 LAB, In Person Term Based; David Williamson ; 2-4 cr.

1113 Saxophone: Elective (non-major in music)
(A-F or Audit; Prereq: dept consent)

70217 001 LAB, In Person Term Based; Preston Duncan ; 2-4 cr.

1115 French Horn: Elective (non-major in music)
(A-F or Audit; Prereq: dept consent)

69933 001 LAB, In Person Term Based; Ellen Dinwiddie Smith ; 2-4 cr.

1116 Trumpet: Elective (non-major in music)
(A-F or Audit; Prereq: dept consent)

70322 001 LAB, In Person Term Based; David Baldwin ; 2-4 cr.

1123 Guitar: Elective (non-major in music)
(A-F or Audit; Prereq: dept consent)

48938 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.
 49466 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.
 49870 003 LAB, 00:00-00:00 , , In Person Term Based; Momcilo Aleksandric ; 2-4 cr.

1201 Piano: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)
 51512 001 IND, 16:30-18:00 T, , In Person Term Based; Lydia Artymiw ; 2 cr.
 51513 002 IND, 14:00-15:30 F, , In Person Term Based; Alexander Braginsky ; 2 cr.
 51514 003 IND, 13:00-15:00 W, , In Person Term Based; Paul Shaw ; 2 cr.

1204 Voice: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)
 51441 001 IND, 14:30-15:30 TTh, , In Person Term Based; Jean Del Santo ; 2 cr.
 51442 002 IND, 14:30-15:30 TTh, , In Person Term Based; Wendy Zaro-Mullins ; 2 cr.
 51443 003 IND, 14:30-15:30 TTh, , In Person Term Based; Adriana Zabala ; 2 cr.
 51444 004 IND, 14:30-15:30 TTh, , In Person Term Based; John De Haan ; 2 cr.
 51445 005 IND, 14:30-15:30 TTh, , In Person Term Based; Philip Zawisza ; 2 cr.

1209 Flute: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

52733 002 IND, 15:45-17:30 W, , 15:35-17:30 M, , In Person Term Based; Immanuel Davis ; 2 cr.

1211 Oboe: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

51446 001 IND, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; John Snow ; 2 cr.

1212 Clarinet: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

51447 003 IND, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; Timothy Zavadil ; 2 cr.

1213 Saxophone: Music Ed and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

69590 001 IND, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; Preston Duncan ; 2 cr.

1214 Bassoon: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

51453 001 IND, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; John Miller Jr ; 2 cr.

1215 French Horn: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

51448 001 IND, 15:30-17:35 W, , 15:35-17:35 M, , In Person Term Based; Caroline Lemen ; 2 cr.

1216 Trumpet: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

51449 001 IND, 15:35-17:30 W, , 15:35-17:35 M, , In Person Term Based; David Baldwin ; 2 cr.

1217 Trombone: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

51450 001 IND, 15:30-17:35 W, , 15:35-17:35 M, , In Person Term Based; Thomas Ashworth ; 2 cr.

1219 Tuba: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

51451 001 IND, 18:00-19:00 T, , In Person Term Based; Steven Campbell ; 2 cr.

1221 Percussion: Music Ed and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

51452 001 IND, 15:30-16:30 W, , In Person Term Based; Fernando Meza ; 2 cr.

1301 Piano: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49001 001 LAB, 16:30-18:00 T, , In Person Term Based; Lydia Artymiw ; 2-4 cr.

49468 002 LAB, 14:00-15:30 F, , In Person Term Based; Alexander Braginsky ; 2-4 cr.

49469 003 LAB, 13:00-15:00 W, , In Person Term Based; Paul Shaw ; 2-4 cr.

52616 004 LAB, 12:30-14:30 M, , In Person Term Based; Kyung Kim ; 2-4 cr.

1303 Organ: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49003 001 LAB, 13:25-14:15 T, , In Person Term Based; Dean Billmeyer ; 2-4 cr.

1304 Voice: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49004 001 LAB, 14:30-15:30 TTh, , In Person Term Based; Jean Del Santo ; 2-4 cr.

49474 002 LAB, 14:30-15:30 TTh, , In Person Term Based; Wendy Zaro-Mullins ; 2-4 cr.

49475 003 LAB, 14:30-15:30 TTh, , In Person Term Based; Adriana Zabala ; 2-4 cr.

49476 004 LAB, 14:30-15:30 TTh, , In Person Term Based; John De Haan ; 2-4 cr.

49477 005 LAB, 14:30-15:30 TTh, , In Person Term Based; Philip Zawisza ; 2-4 cr.

1305 Violin: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49486 002 LAB, 15:30-18:30 Th, , In Person Term Based; Young-Nam Kim ; 2-4 cr.

49487 003 LAB, 15:30-18:30 Th, , In Person Term Based; Sally O'Reilly ; 2-4 cr.

1306 Viola: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49186 001 LAB, 15:30-18:30 Th, , In Person Term Based; Korey Konkol ; 2-4 cr.

1307 Cello: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49187 001 LAB, 15:30-18:30 Th, , In Person Term Based; Tanya Remenikova ; 2-4 cr.

1308 Double Bass: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49188 001 LAB, 15:30-17:30 W, , 17:00-18:30 Th, , In Person Term Based; Christopher Brown ; 2-4 cr.

70187 002 LAB, In Person Term Based; David Williamson ; 2-4 cr.

1309 Flute: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49488 002 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; Immanuel Davis ; 2-4 cr.

1311 Oboe: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49190 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; John Snow ; 2-4 cr.

1312 Clarinet: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49191 001 LAB, 15:35-17:30 M, , 15:45-17:00 W, , In Person Term Based; Jennifer Gerth ; 2-4 cr.

69184 002 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; Jan Scholl ; 2-4 cr.

69185 003 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; Timothy Zavadil ; 2-4 cr.

1313 Saxophone: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49489 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; Preston Duncan ; 2-4 cr.

1314 Bassoon: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49192 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; John Miller Jr ; 2-4 cr.

49498 002 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; Norbert Nielubowski ; 2-4 cr.

1315 French Horn: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49501 002 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person Term Based; Caroline Lemen ; 2-4 cr.

1316 Trumpet: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49193 001 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person Term Based; David Baldwin ; 2-4 cr.

1317 Trombone: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49194 001 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person Term Based; Thomas Ashworth ; 2-4 cr.

1318 Euphonium: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49195 001 LAB, 18:00-19:00 T, , In Person Term Based; John Tranter ; 2-4 cr.

1319 Tuba: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49196 001 LAB, 18:00-19:00 T, , In Person Term Based; Steven Campbell ; 2-4 cr.

1321 Percussion: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49197 001 LAB, 15:30-16:30 W, , In Person Term Based; Philip Hey ; 2-4 cr.

49502 002 LAB, 15:30-16:30 W, , In Person Term Based; Fernando Meza ; 2-4 cr.

1322 Harp: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49198 001 LAB, 00:00-00:00 , , In Person Term Based; Kathy Kienzie ; 2-4 cr.

1323 Guitar: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49199 001 LAB, 15:30-17:00 F, , In Person Term Based; Maja Radovanlija ; 2-4 cr.

1401 Piano: Music Major Secondary (undergraduate)

(A-F or Audit; Prereq: Music major, dept consent)

49320 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

49458 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

49459 003 LAB, 00:00-00:00 , , In Person Term Based; Kyung Kim ; 2-4 cr.

1402 Harpsichord: Music Major Secondary (undergraduate)

(A-F or Audit; Prereq: Audition, dept consent)

70404 001 LAB, In Person Term Based; Dean Billmeyer ; 2-4 cr.

1403 Organ: Music Major Secondary (undergraduate)

(A-F or Audit; Prereq: Audition, dept consent)

49321 001 LAB, 00:00-00:00 , , In Person Term Based; Dean Billmeyer ; 2-4 cr.

1404 Voice: Music Major Secondary (undergraduate)

(A-F or Audit; Prereq: Audition, dept consent)

49322 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

49462 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

49463 003 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

70253 004 LAB, In Person Term Based; ; 2-4 cr.

70254 005 LAB, In Person Term Based; Philip Zawisza ; 2-4 cr.

1405 Violin: Music Major Secondary (undergraduate)

(A-F or Audit; Prereq: Audition, dept consent)

49323 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

1406 Viola: Music Major Secondary (undergraduate)

(A-F or Audit; Prereq: Audition, dept consent)

69766 001 LAB, In Person Term Based; Korey Konkol ; 2-4 cr.

1414 Bassoon: Music Major Secondary (undergraduate)

(A-F or Audit; Prereq: Audition, dept consent)

51227 001 LAB, 00:00-00:00 , , In Person Term Based; Norbert Nielubowski ; 2-4 cr.

1421 Percussion: Music Major Secondary (undergraduate)

(A-F or Audit; Prereq: Audition, dept consent)

51703 001 LAB, 00:00-00:00 , , In Person Term Based; Philip Hey ; 2-4 cr.

1423 Guitar: Music Major Secondary (undergraduate)

(A-F or Audit; Prereq: Audition, dept consent)

49325 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

49467 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

49871 003 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

1904 Voice: Music Major Transfer

(A-F or Audit; Prereq: Audition, dept consent)

70329 005 LAB, In Person Term Based; Philip Zawisza ; 2-4 cr.

2201 Piano: Music Ed and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

69376 003 IND, 13:00-15:00 W, , In Person Term Based; Paul Shaw ; 2 cr.

2204 Voice: Music Education and BA

(A-F only; Prereq: dept consent)

51507 001 IND, 14:30-15:30 TTh, , In Person Term Based; Jean Del Santo ; 2 cr.

51508 002 IND, 14:30-15:30 TTh, , In Person Term Based; Wendy Zaro-Mullins ; 2 cr.

51509 003 IND, 14:30-15:30 TTh, , In Person Term Based; Adriana Zabala ; 2 cr.

51510 004 IND, 14:30-15:30 TTh, , In Person Term Based; John De Haan ; 2 cr.

51511 005 IND, 14:30-15:30 TTh, , In Person Term Based; Philip Zawisza ; 2 cr.

69528 006 IND, 14:30-15:30 TTh, , In Person Term Based; Jane Giering-De Haan ; 2 cr.

2205 Violin: Music Education and BA

(A-F only; Prereq: dept consent)
69860 002 IND, 15:30-17:30 Th, , In Person Term Based;
Young-Nam Kim ; 2 cr.

2207 Cello: Music Education and BA

(A-F only; Prereq: dept consent)
69457 001 IND, 15:30-18:30 Th, , In Person Term Based;
Tanya Remenikova ; 2 cr.

2208 Bass: Music Education and BA

(A-F only; Prereq: dept consent)
70276 001 IND, In Person Term Based; Christopher Brown ;
2 cr.
70277 002 IND, In Person Term Based; David Williamson ; 2
cr.

2209 Flute: Music Education and BA

(A-F only; Prereq: dept consent)
69346 001 IND, 15:45-17:00 W, , 15:35-17:30 M, , In Person
Term Based; Immanuel Davis ; 2 cr.

2212 Clarinet: Music Education and BA

(A-F only; Prereq: dept consent)
52130 001 IND, 15:45-17:00 W, , 15:35-17:30 M, , In Person
Term Based; Jennifer Gerth ; 2 cr.
69978 002 IND, 15:45-17:00 W, , 15:35-17:30 M, , In Person
Term Based; Jan Scholl ; 2 cr.

2216 Trumpet: Music Education and BA

(A-F only; Prereq: dept consent)
69726 001 IND, In Person Term Based; David Baldwin ; 2 cr.

2217 Trombone: Music Education and BA

(A-F only; Prereq: dept consent)
69948 001 IND, 15:30-17:35 W, , 15:35-17:35 M, , In Person
Term Based; Thomas Ashworth ; 2 cr.

2221 Percussion: Music Education and BA

(A-F only; Prereq: dept consent)
69970 002 IND, 15:30-16:30 W, , In Person Term Based;
Fernando Meza ; 2 cr.

2301 Piano: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49658 001 LAB, 16:30-18:00 T, , In Person Term Based;
Lydia Artymiw ; 2-4 cr.
49659 002 LAB, 14:00-15:30 F, , In Person Term Based;
Alexander Braginsky ; 2-4 cr.
49660 003 LAB, 13:00-15:00 W, , In Person Term Based;
Paul Shaw ; 2-4 cr.
69476 004 LAB, 12:30-14:30 M, , In Person Term Based;
Kyung Kim ; 2-4 cr.

2303 Organ: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49662 001 LAB, 13:25-14:15 T, , In Person Term Based;
Dean Billmeyer ; 2-4 cr.
70194 002 LAB, In Person Term Based; Thomas Ferry ; 2-4
cr.

2304 Voice: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49663 001 LAB, 14:30-15:30 TTh, , In Person Term Based;
Jean Del Santo ; 2-4 cr.
49664 002 LAB, 14:30-15:30 TTh, , In Person Term Based;
Wendy Zaro-Mullins ; 2-4 cr.
49665 003 LAB, 14:30-15:30 TTh, , In Person Term Based;
Adriana Zabala ; 2-4 cr.
49666 004 LAB, 14:30-15:30 TTh, , In Person Term Based;
John De Haan ; 2-4 cr.
49667 005 LAB, 14:30-15:30 TTh, , In Person Term Based;
Philip Zawisza ; 2-4 cr.
69887 006 LAB, 14:30-15:30 TTh, , In Person Term Based;
Jane Giering-De Haan ; 2-4 cr.

2305 Violin: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49669 002 LAB, 15:30-18:30 Th, , In Person Term Based;
Young-Nam Kim ; 2-4 cr.
49670 003 LAB, 15:30-18:30 Th, , In Person Term Based;
Sally O'Reilly ; 2-4 cr.

2306 Viola: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49671 001 LAB, 15:30-18:30 Th, , In Person Term Based;
Korey Konkol ; 2-4 cr.

2307 Cello: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49672 001 LAB, 15:30-18:30 Th, , In Person Term Based;
Tanya Remenikova ; 2-4 cr.

2308 Double Bass: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49673 001 LAB, 15:30-17:30 W, , 17:00-18:30 Th, , In
Person Term Based; Christopher Brown ; 2-4 cr.
70271 002 LAB, In Person Term Based; David Williamson ;
2-4 cr.

2309 Flute: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49675 002 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
Term Based; Immanuel Davis ; 2-4 cr.

2311 Oboe: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49676 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
Term Based; John Snow ; 2-4 cr.

2313 Saxophone: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49678 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
Term Based; Preston Duncan ; 2-4 cr.

2314 Bassoon: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49680 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
Term Based; John Miller Jr ; 2-4 cr.
49681 002 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
Term Based; Norbert Nielubowski ; 2-4 cr.

2315 French Horn: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49682 002 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person
Term Based; Caroline Lemen ; 2-4 cr.

2316 Trumpet: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49683 001 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person
Term Based; David Baldwin ; 2-4 cr.

2317 Trombone: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49684 001 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person
Term Based; Thomas Ashworth ; 2-4 cr.

2318 Euphonium: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49685 001 LAB, 18:00-19:00 T, , In Person Term Based;
John Tranter ; 2-4 cr.

2319 Tuba: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49686 001 LAB, 18:00-19:00 T, , In Person Term Based;
Steven Campbell ; 2-4 cr.

2321 Percussion: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49687 001 LAB, 15:30-16:30 W, , In Person Term Based;
Philip Hey ; 2-4 cr.
49688 002 LAB, 15:30-16:30 W, , In Person Term Based;
Fernando Meza ; 2-4 cr.

2322 Harp: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49689 001 LAB, 00:00-00:00 , , In Person Term Based;
Kathy Kienzle ; 2-4 cr.

2323 Guitar: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49690 001 LAB, 15:30-17:00 F, , In Person Term Based;
Maja Radovanlija ; 2-4 cr.

3101 Piano: Elective (non-major in music)

(A-F or Audit; Prereq: dept consent)
50113 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4
cr.
50345 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4
cr.
50346 003 LAB, 00:00-00:00 , , In Person Term Based; 2-4
cr.

3103 Organ: Elective (non-major in music)

(A-F or Audit; Prereq: dept consent)
48972 001 LAB, 00:00-00:00 , , In Person Term Based; Dean
Billmeyer ; 2-4 cr.

3104 Voice: Elective (non-major in music)

(A-F or Audit; Prereq: dept consent)
50007 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4
cr.
50347 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4
cr.
50348 003 LAB, 00:00-00:00 , , In Person Term Based; 2-4
cr.
50349 004 LAB, 00:00-00:00 , , In Person Term Based; 2-4
cr.

3123 Guitar: Elective (non-major in music)

(A-F or Audit; Prereq: dept consent)
48986 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4
cr.
50591 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4
cr.
50592 003 LAB, 00:00-00:00 , , In Person Term Based; 2-4
cr.

3201 Piano: Music Ed and BA

(A-F only;)
69239 003 IND, 13:00-15:00 W, , In Person Term Based;
Paul Shaw ; 2 cr.
69925 004 IND, 12:30-14:30 M, , In Person Term Based;
Kyung Kim ; 2 cr.

3204 Voice: Music Education and BA

(A-F only;)
51494 001 IND, 14:30-15:30 TTh, , In Person Term Based;
Jean Del Santo ; 2 cr.
51495 002 IND, 14:30-15:30 TTh, , In Person Term Based;
Wendy Zaro-Mullins ; 2 cr.
51496 003 IND, 14:30-15:30 TTh, , In Person Term Based;
Adriana Zabala ; 2 cr.
51497 004 IND, 14:30-15:30 TTh, , In Person Term Based;
John De Haan ; 2 cr.
51498 005 IND, 14:30-15:30 TTh, , In Person Term Based;
Philip Zawisza ; 2 cr.
70533 006 IND, In Person Term Based; Jane Giering-De
Haan ; 2 cr.

3205 Violin: Music Education and BA

(A-F only;)
69253 003 IND, 15:30-18:30 Th, , In Person Term Based;
Sally O'Reilly ; 2 cr.

3211 Oboe: Music Education and BA

(A-F only;)
70000 001 IND, 15:45-17:00 W, , 15:35-17:30 M, , In Person
Term Based; John Snow ; 2 cr.

3212 Clarinet: Music Education and BA

(A-F only;)
69374 001 IND, 15:45-17:30 W, , 15:35-17:00 M, , In Person
Term Based; Jennifer Gerth ; 2 cr.
69584 002 IND, 15:35-17:30 , , 15:35-17:00 M, , In Person
Term Based; Jan Scholl ; 2 cr.

3213 Saxophone: Music Education and BA

(A-F only;)
69182 001 IND, 15:45-17:30 W, , 15:35-17:00 M, , In Person
Term Based; Preston Duncan ; 2 cr.

3215 French Horn: Music Education and BA

(A-F only;)
69699 001 IND, 15:30-17:35 W, , 15:35-17:35 M, , In Person
Term Based; Caroline Lemen ; 2 cr.

3216 Trumpet: Music Education and BA

(A-F only;)
69910 001 IND, In Person Term Based; David Baldwin ; 2 cr.

3221 Percussion: Music Education and BA

(A-F only;)
69888 002 IND, 15:30-16:30 W, , In Person Term Based;
Fernando Meza ; 2 cr.

3222 Harp: Music Education and BA

(A-F only;)
52127 001 IND, 00:00-00:00 , , In Person Term Based; Kathy
Kienzle ; 2 cr.

3223 Guitar: Music Education and BA

(A-F only; Prereq: Audition, dept consent)
69571 001 LAB, 15:30-17:00 F, , In Person Term Based;
Maja Radovanlija ; 2 cr.

3301 Piano: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49200 001 LAB, 16:30-18:00 T, , In Person Term Based;
Lydia Artymiw ; 2-4 cr.
49470 002 LAB, 14:00-15:30 F, , In Person Term Based;
Alexander Braginsky ; 2-4 cr.
49471 003 LAB, 13:00-15:00 W, , In Person Term Based;
Paul Shaw ; 2-4 cr.
70069 004 LAB, 12:30-14:30 M, , In Person Term Based;
Kyung Kim ; 2-4 cr.

3303 Organ: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
49202 001 LAB, 13:25-14:15 T, , In Person Term Based;
Dean Billmeyer ; 2-4 cr.

3304 Voice: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49203 001 LAB, 14:30-15:30 TTh, , In Person Term Based;
 Jean Del Santo ; 2-4 cr.
 49478 002 LAB, 14:30-15:30 TTh, , In Person Term Based;
 Wendy Zaro-Mullins ; 2-4 cr.
 49479 003 LAB, 14:30-15:30 TTh, , In Person Term Based;
 Adriana Zabala ; 2-4 cr.
 49480 004 LAB, 14:30-15:30 TTh, , In Person Term Based;
 John De Haan ; 2-4 cr.
 49481 005 LAB, 14:30-15:30 TTh, , In Person Term Based;
 Philip Zawisza ; 2-4 cr.

3305 Violin: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49490 002 LAB, 15:30-18:30 Th, , In Person Term Based;
 Young-Nam Kim ; 2-4 cr.
 51026 003 LAB, 15:30-18:30 Th, , In Person Term Based;
 Sally O'Reilly ; 2-4 cr.

3306 Viola: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49239 001 LAB, 15:30-18:30 Th, , In Person Term Based;
 Korey Konkol ; 2-4 cr.

3307 Cello: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49240 001 LAB, 15:30-18:30 Th, , In Person Term Based;
 Tanya Remenikova ; 2-4 cr.

3308 Double Bass: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49241 001 LAB, 15:30-17:30 W, , 17:00-18:30 Th, , In
 Person Term Based; Christopher Brown ; 2-4 cr.
 70272 002 LAB, In Person Term Based; David Williamson ;
 2-4 cr.

3309 Flute: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49494 002 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
 Term Based; Immanuel Davis ; 2-4 cr.

3311 Oboe: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49243 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
 Term Based; John Snow ; 2-4 cr.

3312 Clarinet: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49244 003 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
 Term Based; Timothy Zavadil ; 2-4 cr.

3313 Saxophone: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49245 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
 Term Based; Preston Duncan ; 2-4 cr.

3314 Bassoon: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49246 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
 Term Based; John Miller Jr ; 2-4 cr.
 49499 002 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
 Term Based; Norbert Nielubowski ; 2-4 cr.

3315 French Horn: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49503 001 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person
 Term Based; Caroline Lemen ; 2-4 cr.
 69984 002 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person
 Term Based; Ellen Dinwiddie Smith ; 2-4 cr.

3316 Trumpet: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49247 001 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person
 Term Based; David Baldwin ; 2-4 cr.

3317 Trombone: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49248 001 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person
 Term Based; Thomas Ashworth ; 2-4 cr.

3318 Euphonium: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49249 001 LAB, 18:00-19:00 T, , In Person Term Based;
 John Tranter ; 2-4 cr.

3319 Tuba: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49250 001 LAB, 18:00-19:00 T, , In Person Term Based;
 Steven Campbell ; 2-4 cr.

3321 Percussion: Music Major

(A-F or Audit; Prereq: Audition, dept consent)

49251 001 LAB, 15:30-16:30 W, , In Person Term Based;
 Philip Hey ; 2-4 cr.
 49505 002 LAB, 15:30-16:30 W, , In Person Term Based;
 Fernando Meza ; 2-4 cr.

3322 Harp: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49252 001 LAB, 00:00-00:00 , , In Person Term Based;
 Kathy Kienzle ; 2-4 cr.

3323 Guitar: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 49253 001 LAB, 15:30-17:00 F, , In Person Term Based;
 Maja Radovanlija ; 2-4 cr.

5101 Piano: Elective (graduate non-major in music)

(A-F or Audit; Prereq: dept consent)
 48990 001 LAB, 00:00-00:00 , , In Person Term Based ; 2 cr.

5103 Organ: Elective (graduate non-major in music)

(A-F or Audit; Prereq: dept consent)
 48996 001 LAB, 00:00-00:00 , , In Person Term Based; Dean
 Billmeyer ; 2 cr.

5104 Voice: Elective (graduate non-major in music)

(A-F or Audit; Prereq: dept consent)
 48997 001 LAB, 00:00-00:00 , , In Person Term Based; 2 cr.

5123 Guitar: Elective (graduate non-major in music)

(A-F or Audit; Prereq: dept consent)
 49000 001 LAB, 00:00-00:00 , , In Person Term Based; 2 cr.

5401 Piano: Music Major Secondary (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49326 001 LAB, 00:00-00:00 , , In Person Term Based; Paul
 Shaw ; 2-4 cr.

5403 Organ: Music Major Secondary (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49371 001 LAB, 00:00-00:00 , , In Person Term Based; Dean
 Billmeyer ; 2-4 cr.

5404 Voice: Music Major Secondary (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49372 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4
 cr.
 70190 002 LAB, In Person Term Based; Wendy Zaro-Mullins ;
 2-4 cr.

5405 Violin: Music Major Secondary (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49373 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4
 cr.

5408 Double Bass: Music Major Secondary (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 70224 001 LAB, In Person Term Based; David Williamson ;
 2-4 cr.

5421 Percussion: Music Major Secondary (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49375 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4
 cr.

5423 Guitar: Music Major Secondary (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49506 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4
 cr.

8301 Piano: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49289 001 LAB, 16:30-18:00 T, , In Person Term Based;
 Lydia Artymiw ; 2-4 cr.
 49472 002 LAB, 14:00-15:30 F, , In Person Term Based;
 Alexander Braginsky ; 2-4 cr.
 49473 003 LAB, 13:00-15:00 W, , In Person Term Based;
 Paul Shaw ; 2-4 cr.
 69971 004 LAB, In Person Term Based; Kyung Kim ; 2-4 cr.

8303 Organ: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49291 001 LAB, 13:25-14:15 T, , In Person Term Based;
 Dean Billmeyer ; 2-4 cr.

8304 Voice: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49298 001 LAB, 14:30-15:30 TTh, , In Person Term Based;
 Jean Del Santo ; 2-4 cr.
 49482 002 LAB, 14:30-15:30 TTh, , In Person Term Based;
 Wendy Zaro-Mullins ; 2-4 cr.
 49483 003 LAB, 14:30-15:30 TTh, , In Person Term Based;
 Adriana Zabala ; 2-4 cr.
 49484 004 LAB, 14:30-15:30 TTh, , In Person Term Based;
 John De Haan ; 2-4 cr.
 49485 005 LAB, 14:30-15:30 TTh, , In Person Term Based;
 Philip Zawisza ; 2-4 cr.

8305 Violin: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49492 002 LAB, 15:30-18:30 Th, , In Person Term Based;
 Young-Nam Kim ; 2-4 cr.
 49493 003 LAB, 15:30-18:30 Th, , In Person Term Based;
 Sally O'Reilly ; 2-4 cr.

8306 Viola: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49303 001 LAB, 15:30-18:30 Th, , In Person Term Based;
 Korey Konkol ; 2-4 cr.

8307 Cello: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49304 001 LAB, 15:30-18:30 Th, , In Person Term Based;
 Tanya Remenikova ; 2-4 cr.

8308 Double Bass: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49305 001 LAB, 15:30-17:30 W, , 17:00-18:30 Th, , In
 Person Term Based; Christopher Brown ; 2-4 cr.
 70273 002 LAB, In Person Term Based; David Williamson ;
 2-4 cr.

8309 Flute: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49496 002 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
 Term Based; Immanuel Davis ; 2-4 cr.

8311 Oboe: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49307 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
 Term Based; John Snow ; 2-4 cr.

8312 Clarinet: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49309 003 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
 Term Based; Timothy Zavadil ; 2-4 cr.

8313 Saxophone: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49310 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
 Term Based; Preston Duncan ; 2-4 cr.

8314 Bassoon: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49311 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
 Term Based; John Miller Jr ; 2-4 cr.
 49500 002 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person
 Term Based; Norbert Nielubowski ; 2-4 cr.

8315 French Horn: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49504 002 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person
 Term Based; Caroline Lemen ; 2-4 cr.

8316 Trumpet: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49312 001 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person
 Term Based; David Baldwin ; 2-4 cr.

8317 Trombone: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49313 001 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person
 Term Based; Thomas Ashworth ; 2-4 cr.

8318 Euphonium: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49314 001 LAB, 18:00-19:00 T, , In Person Term Based;
 John Tranter ; 2-4 cr.

8319 Tuba: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
 49315 001 LAB, 18:00-19:00 T, , In Person Term Based;
 Steven Campbell ; 2-4 cr.

8321 Percussion: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
49316 001 LAB, 15:30-16:30 W, , In Person Term Based;
Philip Hey ; 2-4 cr.
49507 002 LAB, 15:30-16:30 W, , In Person Term Based;
Fernando Meza ; 2-4 cr.

8322 Harp: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
49317 001 LAB, 00:00-00:00 , , In Person Term Based;
Kathy Kienzie ; 2-4 cr.

8323 Guitar: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
49318 001 LAB, 15:30-17:00 F, , In Person Term Based;
Maja Radovanlija ; 2-4 cr.

8324 Accompanying/Coaching: Music Major (graduate)

(A-F or Audit; Prereq: Audition, dept consent)
49508 001 LAB, 9:00-11:00 Th, , In Person Term Based;
Timothy Lovelace ; 2-4 cr.

Music Education (MUED)**1801 Introduction to Music Therapy**

(A-F or Audit;)
49715 001 LEC, 12:20-13:10 MW, Ferguson Hall 107, In
Person Term Based; Rebecca West ; 2 cr.

3011 Music in Childhood

(Student Option;)
51261 001 LEC, 13:25-14:55 MW, Ferguson Hall 107, In
Person Term Based; Emmanuel Kaghondi ; 3 cr.

3803 Guitar II for Music Education and Music Therapy Majors: Developing Group Songleading Skills

(A-F only; Prereq: 3802 with grade of at least C-, [music
therapy or music education major], dept consent)
50887 001 LAB, 8:00- 8:50 MW, Ferguson Hall 90, In Person
Term Based; Edward Schwartzberg ; 2 cr.

3807 Percussion Techniques for Music Therapists

(A-F or Audit;)
51000 001 LEC, 12:20-13:10 TTh, Room TBA, In Person
Term Based; 2 cr.

4418 Style, Pedagogy, and Diction in the Choral Music Classroom II

(A-F only; Prereq: two semesters of applied lessons at
college level)
68862 001 LAB, 13:25-14:15 TTh, Ferguson Hall 115, In
Person Term Based; Wendy Zaro-Mullins ; 2 cr.

4504 Brass Techniques and Teaching

(A-F or Audit;)
68863 001 LAB, 12:20-13:10 MWF, Ferguson Hall 95, In
Person Term Based; Jonathon Soderberg-Chase ; 2 cr.

4505 Percussion Techniques and Teaching

(A-F or Audit;)
68864 001 LAB, 10:10-11:00 MWF, Ferguson Hall 95, In
Person Term Based; Bryan Maurer ; 2 cr.

5301 General Music I

(A-F or Audit; Prereq: MUED 1201, MUS 4504, MUS
4514, [music education major or instr consent],
successful completion of soph proficiency exam)
50632 001 LEC, 8:00- 9:45 TTh, Ferguson Hall 107, In
Person Term Based; Akosua Addo ; 3 cr.

5350 Student Teaching in Classroom Music

(A-F or Audit;)
48983 001 FWK, 00:00-00:00 , , In Person Term Based;
Akosua Addo ; 4-8 cr.

5415 Choral/Vocal Methods and Materials I

(A-F only; Prereq: MUED 1201, MUS 4504, MUS 4514,
[music education major or instr consent], successful
completion of soph proficiency exam)
51270 001 LAB, 10:00-11:45 TTh, Ferguson Hall 107, In
Person Term Based; Keitha Hamann ; 3 cr.

5450 Student Teaching in Vocal Music

(A-F or Audit;)
48982 001 FWK, 00:00-00:00 , , In Person Term Based;
Keitha Hamann ; 4-8 cr.

5516 Instrumental Methods and Materials I

(A-F only; Prereq: MUED 1201, MUS 4504, and MUS
4514 with a grade of C- or better, music education
major, successful completion of Music Education
sophomore proficiency exam)
51271 001 LEC, 10:00-11:45 TTh, Ferguson Hall 95, In
Person Term Based; Laura Sindberg ; 3 cr.

5550 Student Teaching in Instrumental Music

(A-F or Audit;)
48832 001 FWK, 00:00-00:00 , , In Person Term Based;
Laura Sindberg ; 4-8 cr.

5650 Student Teaching Seminar

(A-F or Audit; Prereq: At least C- in all required [music,
music education, professional education] courses)
49809 001 LEC, 16:00-17:45 T, Ferguson Hall 107, In
Person Term Based; Casey Clementson ; 2 cr.

5800 Group Music Leadership Skills

(A-F or Audit; Prereq: [[Completion of [MUS 1151, MUS
1152] or MUS 1155], music therapy major] or instr
consent)
50766 001 LAB, 11:15-12:45 TTh, Ferguson Hall 151, In
Person Term Based; Edward Schwartzberg ; 3 cr.

5805 Music Therapy Methods and Procedures II

(A-F only; Prereq: 5804 or instr consent)
50767 001 LEC, 9:05- 9:55 MWThF, Ferguson Hall 151, In
Person Term Based; Michael Silverman ; 4 cr.

5806 Career Preparation

(A-F or Audit; Prereq: 5805 or instr consent)
49319 001 LEC, 10:10-11:00 MWThF, Ferguson Hall 151, In
Person Term Based; Michael Silverman ; 4 cr.

5808 Medical Music Therapy

(A-F only; Prereq: Grad music therapy major or instr
consent)
50868 001 LEC, 11:15-12:05 MWF, Ferguson Hall 151, In
Person Term Based; Michael Silverman ; 3-4 cr.

5855 Music Therapy Internship

(S-N or Audit; Prereq: Music therapy major, instr
consent)
49453 001 FWK, 00:00-00:00 , , In Person Term Based;
Michael Silverman ; 1-13 cr.

5991 Independent Study

(A-F or Audit; Prereq: Music ed or music therapy major
or grad, instr consent, dept consent)
48921 001 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.

8115 Assessment in Arts Education

(A-F or Audit; Prereq: Grad student in [music or music
education], dept consent)
68865 001 LEC, 16:30-19:00 Th, Ferguson Hall 157, In
Person Term Based; Keitha Hamann ; 3 cr.

8119 Advanced Applications of Research Methods

(A-F only; Prereq: Grad music education student or
instr consent)
68075 001 LEC, 13:25-15:55 M, Ferguson Hall 157, In
Person Term Based; Akosua Addo ; 3 cr.

8280 Seminar: Current Trends in Music Education

(A-F only; Prereq: dept consent)
68868 001 LEC, 13:25-15:55 Th, Ferguson Hall 157, In
Person Term Based; David Myers ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)
49550 001 IND, In Person Term Based; 1 cr.

8880 Master's Research Project

(A-F only; Prereq: Grad music ed major, instr consent)
48984 001 IND, In Person Term Based; 3-6 cr.

8900 Seminar: Music Education Doctoral Seminar

(A-F only; Prereq: dept consent)
50464 001 LEC, 8:30-10:00 W, Ferguson Hall 157, In Person
Term Based; Keitha Hamann ; 1 cr.

8994 Directed Research

(A-F or Audit; Prereq: instr consent)
49082 001 IND, In Person Term Based; 1-8 cr.

Nanoparticle Science and Eng (NPSE)**8101 Nanoparticle Science and Engineering Seminar**

(S-N or Audit; Prereq: CSE grad student or)
55880 001 LEC, 16:00-17:00 M, Tate Hall B55, In Person
Term Based; Sang-Hyun Oh ; 1 cr.

Natural Resources Sci and Mgmt (NR)**8107 Seminar: Natural Resources Science and Management**

(Student Option;)
53008 001 LEC, 15:00-15:50 W, Green Hall 203, In Person
Term Based; Matthew Russell ; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)
53020 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student,
adviser and DGS consent)
53037 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who
has not passed prelim oral; no required consent for
1st/2nd registrations, up to 12 combined cr; dept
consent for 3rd/4th registrations, up to 24 combined
cr; doctoral student admitted before summer 2007 may
register up to four times, up to 60 combined cr)
53055 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester
or summer; 10 cr total required [Plan A only])
53067 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester
or summer; 24 cr required. Must be doctoral student
with advisor's consent to register.)
53087 001 IND, In Person Term Based; 1-24 cr.

Naval Science (NAV)**1000 Professional Training in Naval Science**

(S-N or Audit; Prereq: enrolled in NROTC)
61205 001 LAB, 6:15- 8:50 T, Armory Building 202, In Person
Term Based; Meets With: 001 NAV 2000001 NAV 3000001
NAV 4000; Michael Marini ; 1 cr.

1102 Seapower and Maritime Affairs

(A-F or Audit;)
61200 001 LEC, 10:30-11:45 TTh, Armory Building 205, In
Person Term Based; Sean Lawlor ; 3 cr.

2000 Professional Training in Naval Science

(S-N or Audit; Prereq: Soph enrolled in NROTC)
61206 001 LAB, 6:15- 8:50 T, Armory Building 202, In Person
Term Based; Meets With: 001 NAV 1000001 NAV 3000001
NAV 4000; Michael Marini ; 1 cr.

2202 Ship Systems II: Science and Technology in Naval Weapons Systems

(A-F or Audit;)
61230 001 LEC, 9:05-10:20 TTh, Armory Building 202, In
Person Term Based; Michael Dreiss ; 3 cr.
70218 002 LEC, 7:30- 8:45 F, Armory Building 205,
16:00-17:15 M, Armory Building 205, In Person Term
Based; Michael Dreiss ; 3 cr.

3000 Professional Training in Naval Science

(S-N or Audit; Prereq: Jr enrolled in NROTC)

61207 001 LAB, 6:15- 8:50 T, Armory Building 202, In Person Term Based; Meets With: 001 NAV 1000001 NAV 2000001 NAV 4000; Michael Marini ; 1 cr.

3301 Navigation I: Piloting and Celestial Navigation

(A-F or Audit;)

61229 001 LEC, 9:05-10:20 TTh, Armory Building 205, In Person Term Based; Sean Lawlor ; 3 cr.

4000 Professional Training in Naval Science

(S-N or Audit; Prereq: Sr enrolled in NROTC)
61208 001 LAB, 6:15- 8:50 T, Armory Building 202, In Person Term Based; Meets With: 001 NAV 1000001 NAV 2000001 NAV 3000; Michael Marini ; 1 cr.

4402W Leadership and Ethics

(A-F or Audit; Prereq: NAV 4401WCIV,WI)
61201 001 LEC, 10:30-11:45 TTh, Armory Building 202, In Person Term Based; Nicholée Bufkin ; 3 cr.

Neurology (NEUR)

5240 Cerebrovascular Hemodynamics and Diseases II

(A-F only; Prereq: 5230, instr consent)
58604 001 LEC, 16:30-18:30 MW, Phillips-Wangenstr Bldg 12-132, In Person Term Based; Afshin Divani ; 4 cr.

7120 Neurology Research

(H-N only;)
59711 099 IND, In Person Term Based; 2-8 cr.

7124 Sleep Disorders

(H-N only;)
58165 011 ROT, In Person Term Based; 2 cr.
68177 012 ROT, In Person Term Based; 2 cr.
68178 021 ROT, In Person Term Based; 2 cr.
68179 022 ROT, In Person Term Based; 2 cr.
68180 031 ROT, In Person Term Based; 2 cr.
68181 032 ROT, In Person Term Based; 2 cr.
68182 041 ROT, In Person Term Based; 2 cr.
68183 042 ROT, In Person Term Based; 2 cr.

7510 Neurology Externship

(H-N only;)
58169 001 ROT, In Person Term Based; 4 cr.
68184 002 ROT, In Person Term Based; 4 cr.
68185 003 ROT, In Person Term Based; 4 cr.
68186 004 ROT, In Person Term Based; 4 cr.

7520 Pediatric Neurology Elective

(H-N only; Prerequisites has been completed. Alt: Required: (NEUR 7510, "Externship in Clinical Neurology"))
58670 002 ROT, In Person Term Based; 4 cr.
68202 003 ROT, In Person Term Based; 4 cr.
68203 004 ROT, In Person Term Based; 4 cr.

7565 Neurology Subspecialty Elective

(H-N only;)
58540 001 ROT, In Person Term Based; 4 cr.
68458 003 ROT, In Person Term Based; 4 cr.

7599 Subinternship in Clinical Neurology

(H-N only; Prereq: 7510)
58508 001 ROT, In Person Term Based; 4 cr.
68459 002 ROT, In Person Term Based; 4 cr.
68460 003 ROT, In Person Term Based; 4 cr.
68461 004 ROT, In Person Term Based; 4 cr.

7600 Epilepsy Diagnosis and Treatment

(H-N only;)
58512 011 ROT, In Person Term Based; 2 cr.
68462 012 ROT, In Person Term Based; 2 cr.
68463 021 ROT, In Person Term Based; 2 cr.
68464 022 ROT, In Person Term Based; 2 cr.
68465 031 ROT, In Person Term Based; 2 cr.
68466 032 ROT, In Person Term Based; 2 cr.
68467 041 ROT, In Person Term Based; 2 cr.
68468 042 ROT, In Person Term Based; 2 cr.

Neuroscience (NSC)

5661W Behavioral Neuroscience

(A-F or Audit; Prereq: Grad NSc major or grad NSc minor or instr consentWI)

58102 001 DIS, 8:30- 9:55 MWF, Bruininks Hall 530A, In Person Term Based; Mark Masino ; 3 cr.

8211 Developmental Neurobiology

(A-F or Audit; Prereq: Neuroscience grad student or instr consent)
58261 001 LEC, 10:10-11:35 MWF, Bruininks Hall 530A, In Person Term Based; Steven McLoon ; 3 cr.

8320 Readings in Neurobiology

(Student Option;)
58271 003 IND, 12:00-13:00 M, Moos Health Sci Tower 1-460, In Person Term Based; Steven McLoon ; 1-4 cr.
58394 005 IND, 14:30-15:30 Th, Moos Health Sci Tower 2-520, In Person Term Based; Meets With: 001 PHCL 8320; Carolyn Fairbanks ; 1-4 cr.
58449 006 IND, 8:30- 9:30 Th, Moos Health Sci Tower 1-460, In Person Term Based; Paulo Kofuji ; 1-4 cr.

8321 Career Skills and Understanding

Responsibilities as a Neuroscientist
(S-N or Audit; Prereq: Neuroscience grad major or instr consent)

58400 001 LEC, 12:00-13:30 T, Weaver-Densford Hall W2-110, In Person Term Based; Meets With: 002 NSC 8321; Lorene Lanier ; 0.5 cr.
58401 002 LEC, 12:00-13:30 T, Weaver-Densford Hall W2-110, In Person Term Based; Meets With: 001 NSC 8321; Lorene Lanier ; 0.5 cr.

8334 Laboratory Neuroscience

(S-N or Audit; Prereq: Grad NSc major)
58107 001 LAB, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8411 Teaching in Neuroscience

(S-N or Audit; Prereq: instr approval)
58396 001 DIS, 00:00-00:00 , , In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
58284 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
58293 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated;)
58517 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
58318 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

Neuroscience Department (NSCI)

1001 Fundamental Neuroscience: Understanding Ourselves

(A-F only; TS)
58577 001 LEC, 11:15-12:30 TTh, Mayo Bldg & Additions Auditori, In Person Term Based; Alfonso Araque ; 3 cr.

1002 Social Neuroscience: Understanding Others

(A-F only; Prereq: None)
59857 001 LEC, 8:15- 9:30 TTh, Mayo Bldg & Additions 3-125, In Person Term Based; Lorene Lanier ; 3 cr.

2001 Human Neuroanatomy (without a lab)

(Student Option;)
68199 001 LEC, 13:25-14:15 MWF, Bruininks Hall 530B, In Person Term Based; Steven McLoon ; 3 cr.

3001W Neuroscience and Society

(A-F only; CIV,WI)
58660 001 LEC, 13:25-14:55 TTh, Rapson Hall 56, In Person Term Based; Janet Dubinsky ; 4 cr.

3100 Mind and Brain

(Student Option; Prereq: no prereq (1001, 1100, or other broad neuroscience course recommended)
58675 001 LEC, 13:00-14:45 MW, Mayo Bldg & Additions 3-125, In Person Term Based; David Redish ; 3 cr.

3102W Introduction to Neurobiology II: Perception and Behavior

(A-F or Audit; Prereq: 3101, grade of at least B+ in 3101 recommendedWI)

58458 001 LEC, 13:25-14:15 WF, Jackson Hall 2-137, In Person Term Based; Geoffrey Ghose ; 3 cr.
58679 002 DIS, 14:25-15:15 M, Moos Health Sci Tower 1-455, In Person Term Based; 3 cr.
58680 003 DIS, 15:35-16:25 M, Moos Health Sci Tower 1-455, In Person Term Based; 3 cr.
58681 004 DIS, 15:35-16:25 M, Moos Health Sci Tower 1-460, In Person Term Based; 3 cr.
58682 005 DIS, 15:35-16:25 M, Moos Health Sci Tower 1-440, In Person Term Based; 3 cr.
58683 006 DIS, 16:40-17:30 M, Moos Health Sci Tower 1-455, In Person Term Based; 3 cr.
58684 007 DIS, 16:40-17:30 M, Moos Health Sci Tower 1-460, In Person Term Based; 3 cr.
58685 008 DIS, 11:15-12:05 M, Moos Health Sci Tower 1-455, In Person Term Based; 3 cr.
70299 009 DIS, 10:10-11:00 M, Moos Health Sci Tower 1-455, In Person Term Based; 3 cr.

4150 Advanced Topics in Neuroscience

(A-F or Audit;)
69556 001 LEC, 14:30-15:45 TTh, Moos Health Sci Tower 1-430, In Person Term Based; Robert Meisel ; 3 cr.
69557 002 LEC, 9:05- 9:55 MWF, Bruininks Hall 512B, In Person Term Based; Sylvain Lesne, Michael Lee ; 3 cr.

4167 Neuroscience in the Community

(A-F or Audit; Prereq: instr consent)
58427 001 FWK, 00:00-00:00 , , In Person Term Based; Janet Dubinsky ; 1-3 cr.

4793W Directed Studies: Writing Intensive

(S-N or Audit; Prereq: instr consent, dept consent; no more than 7 cr of [4793, 4794, 4993, 4994] may count toward major requirementsWI)
58345 001 IND, 00:00-00:00 , , In Person Term Based; Lorene Lanier ; 1-6 cr.

4794W Directed Research: Writing Intensive

(S-N or Audit; Prereq: instr consent, dept consent; no more than 7 cr of [4793, 4794, 4993, 4994] may count toward major requirementsWI)
58346 001 IND, 00:00-00:00 , , In Person Term Based; Lorene Lanier ; 1-6 cr.

4993 Directed Studies

(S-N or Audit; Prereq: instr consent, dept consent; max of 7 cr of 4993 and/or 4994 may count toward major requirements)
58267 001 IND, 00:00-00:00 , , In Person Term Based; Lorene Lanier ; 1-7 cr.

4994 Directed Research

(S-N or Audit; Prereq: instr consent, dept consent; max of 7 cr of 4993 and/or 4994 may count toward major requirements)
58268 001 IND, 00:00-00:00 , , In Person Term Based; Lorene Lanier ; 1-6 cr.

5111 Medical Neuroscience for Graduate Students

(A-F or Audit; Prereq: Credit will not be granted if credit has been received for: : 6111; BioC 3021, Biol 4004, instr consent; intended for grad students who require a comprehensive medically-oriented neuroscience course)
58404 002 LAB, 13:25-15:20 M, AHC ROOM TBA, In Person Term Based; Matthew Chafee ; 5 cr.
58405 003 LAB, 15:35-17:30 M, AHC ROOM TBA, In Person Term Based; Matthew Chafee ; 5 cr.

6110 Neuroscience for Dental Students

(A-F or Audit; Prereq: Credit will not be granted if credit has been received for: : 5110; Dental student)
58416 001 LEC, 9:05- 9:55 Th, Moos Health Sci Tower 2-690, 9:05- 9:55 T, Moos Health Sci Tower 2-690, In Person Term Based; Paulo Kofuji ; 2 cr.

6112 Medical Neuroscience for Professional Students

(Student Option; Prereq: BioC 3021, Biol 4004, instr consent; intended for non-medical professional students)

58433 001 LEC, In Person Term Based; Matthew Chafee ; 5 cr.
 58434 002 LAB, 00:00-00:00 , In Person Term Based; Matthew Chafee ; 5 cr.
 58435 003 LAB, 00:00-00:00 , In Person Term Based; Matthew Chafee ; 5 cr.

Neurosurgery (NSU)

7200 Surgical Specialty: Neurosurgery (P-N only;)

58331 011 ROT, In Person Term Based; Rachel Talcott ; 2 cr.
 68469 012 ROT, In Person Term Based; ; 2 cr.
 68470 021 ROT, In Person Term Based; ; 2 cr.
 68471 022 ROT, In Person Term Based; ; 2 cr.
 68472 031 ROT, In Person Term Based; ; 2 cr.
 68473 032 ROT, In Person Term Based; ; 2 cr.
 68474 041 ROT, In Person Term Based; ; 2 cr.
 68475 042 ROT, In Person Term Based; ; 2 cr.

7500 Neurosurgery Externship (H-N only;)

59729 001 ROT, In Person Term Based; 4 cr.
 68476 002 ROT, In Person Term Based; ; 4 cr.
 68477 003 ROT, In Person Term Based; ; 4 cr.
 68478 004 ROT, In Person Term Based; ; 4 cr.

7910 Neurosurgery Medical Residency (No Grade Associated;)

59146 001 FWK, In Person Term Based; 6 cr.

7930 Neurosurgery Medical Fellowship (No Grade Associated;)

59147 001 FWK, In Person Term Based; 6 cr.

8318 Neuroradiological Conference (S-N or Audit;)

58335 001 LEC, In Person Term Based; 1 cr.

8320 Neurosurgical Conference (S-N or Audit;)

58336 001 LEC, In Person Term Based; 1 cr.

Norwegian (NOR)

1002 Beginning Norwegian (Student Option; Prereq: 1001)

49037 001 DIS, 10:10-11:00 MTWThF, Folwell Hall 32, In Person Term Based; Meets With: 001 NOR 4002; Hanna Zmijewska-Emerson ; 5 cr.
 50289 002 DIS, 16:40-18:50 MW, Folwell Hall 30, In Person Term Based; Meets With: 002 NOR 4002; Arsena Ianeva-Lockney ; 5 cr.

1004 Intermediate Norwegian (Student Option; Prereq: 1103)

49038 001 DIS, 13:25-14:15 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 001 NOR 4004; Hanna Zmijewska-Emerson ; 5 cr.

4002 Beginning Norwegian for Graduate Research (Student Option;)

49390 001 DIS, 10:10-11:00 MTWThF, Folwell Hall 32, In Person Term Based; Meets With: 001 NOR 1002; Hanna Zmijewska-Emerson ; 5 cr.
 50290 002 DIS, 16:40-18:50 MW, Folwell Hall 30, In Person Term Based; Meets With: 002 NOR 1002; Arsena Ianeva-Lockney ; 5 cr.

4004 Intermediate Norwegian for Graduate Research (Student Option; Prereq: 1004 in another language or passing score on LPE or grad student)

49391 001 DIS, 13:25-14:15 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 001 NOR 1004; Hanna Zmijewska-Emerson ; 5 cr.

Nursing (NURS)

777 School of Nursing Professional Active Status (No Grade Associated; Prereq: instr consent)

59895 001 IND, In Person Term Based; Alicia George ; 0 cr.

1031 Nursing First Year Seminar II (A-F only;)

69508 001 LEC, 12:20-13:10 F, Moos Health Sci Tower 2-530, In Person Term Based; Carol Flaten, Eunice Areba ; 1 cr.

2001 Human Growth and Development: A Life Span Approach (Student Option;)

59881 001 LEC, Completely Online; Laura Kirk, Robin Austin ; 3 cr.
 59894 002 LEC, Completely Online; Laura Kirk, Robin Austin ; 3 cr.
 59960 003 LEC, 9:05-12:05 , ONLINE, Completely Online; Laura Kirk, Robin Austin ; 3 cr.
 60210 B01 LEC, Online & Distance Lrng (ODL); Joan Davis ; 3 cr.
 60211 C01 LEC, Online & Distance Lrng (ODL); Joan Davis ; 3 cr.
 60212 D01 LEC, Online & Distance Lrng (ODL); Joan Davis ; 3 cr.
 60213 E01 LEC, Online & Distance Lrng (ODL); Joan Davis ; 3 cr.

3115 Health Informatics and Information Technology (A-F only; TS)

59889 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Lisiane Pruinelli ; 3 cr.

3705 Nursing Interventions

(A-F or Audit; Prereq: 3703, enrolled in School of Nursing)

59909 001 LAB, 13:25-17:30 T, Weaver-Densford Hall 4-142, In Person Term Based; Dawn Fredrich, Penny Kessler ; 2 cr.
 59911 002 LAB, 13:25-17:30 W, Weaver-Densford Hall 4-142, In Person Term Based; Mary Goering ; 2 cr.
 59912 003 LAB, 13:25-17:30 Th, Weaver-Densford Hall 4-142, In Person Term Based; Mary Goering ; 2 cr.
 59996 004 LAB, 8:00-12:05 F, Weaver-Densford Hall 4-142, In Person Term Based; 2 cr.
 60165 006 LAB, 8:00-12:05 W, University Square Nurs Lab 392, In Person Term Based; Lori Rhudy, Sharon McGill ; 2 cr.
 60166 007 LAB, 8:00-12:05 Th, University Square Nurs Lab 392, In Person Term Based; Lori Rhudy, Sharon McGill ; 2 cr.

3801 Patient Centered Care of Adults and Older Adults I

(A-F only; Prereq: Admitted to Nurs BSN program)

59906 001 LEC, 13:25-16:25 M, Moos Health Sci Tower 5-125, In Person Term Based; Dawn Fredrich, Raney Linck ; 3 cr.

3802 Patient Centered Care: Nursing Care of Families I

(A-F only; Prereq: Enrolled in School of Nursing)

59907 001 LEC, 13:25-16:25 W, Weaver-Densford Hall 4-130, In Person Term Based; Samantha Sommersness, Barbara Beacham, Sharon McGill ; 3 cr.
 59908 002 LEC, 13:25-16:25 W, University Square ITV Room 397, In Person Term Based; Samantha Sommersness, Barbara Beacham, Sharon McGill ; 3 cr.

3802H Nursing Care of Families I Honors

(A-F only; Prereq: Enrolled nursing student)

59927 001 LEC, 13:25-16:25 W, No Room Required, 12:20-13:10 W, Weaver-Densford Hall 6-108, In Person Term Based; Niloufar Hadidi ; 4 cr.

3803 Application of Genetics in Nursing

(A-F or Audit; Prereq: Enrolled in nursing major)

59910 001 LEC, 13:25-15:20 F, Mayo Bldg & Additions Auditori, 13:25-15:20 F, Moos Health Sci Tower 2-530, Primarily Online; Renee Kumpula ; 2 cr.
 59913 002 LEC, 13:25-15:20 F, University Square ITV Room 397, 13:25-15:20 Th, Moos Health Sci Tower 2-580, Primarily Online; Renee Kumpula ; 2 cr.

4205V Honors: Nursing Theory and Research

(Student Option; Prereq: Nurs honorsW)

59896 001 LEC, 9:05-12:05 T, Weaver-Densford Hall 6-194, In Person Term Based; Anne McKechnie ; 3 cr.

4205W Nursing Theory and Research

(A-F or Audit; Prereq: Undergrad in nursingW)

59897 001 LEC, 9:05-12:05 T, Moos Health Sci Tower 1-450, In Person Term Based; Ryan Mays, Laura Kirk, Melissa Horning, Martin Michalowski ; 3 cr.
 59923 002 LEC, 9:05-12:05 T, University Square ITV Room 322, In Person Term Based; Ryan Mays, Laura Kirk, Melissa Horning, Martin Michalowski ; 3 cr.

4301 Person Centered Care of Adults and Older Adults II

(A-F only; Prereq: 3801, 3802, 3703, 3705, enrolled in School of Nursing)

59933 001 LEC, 13:25-17:30 T, Nils Hasselmo Hall 2-101, In Person Term Based; Mary Steffes, Raney Linck, Barbara Champlin ; 4 cr.

4303 Practicum: Person Centered Care of Adults in Acute Care

(A-F only; Prereq: 3703, 3705, 3801, [3802 or 3802H], enrolled in nursing)

59935 001 FWK, 7:00-15:30 Th, No Room Required, 7:00-15:30 Th, No Room Required, In Person Term Based; Mary Steffes ; 3 cr.
 59939 002 FWK, 7:00-15:30 Th, No Room Required, 7:00-15:30 Th, No Room Required, In Person Term Based; Mary Steffes ; 3 cr.
 59940 003 FWK, 7:00-15:30 F, No Room Required, 7:00-15:30 F, No Room Required, In Person Term Based; Penny Kessler ; 3 cr.
 59941 004 FWK, 7:00-15:30 F, No Room Required, 7:00-15:30 F, No Room Required, In Person Term Based; Penny Kessler ; 3 cr.
 59942 005 FWK, 7:00-15:30 F, No Room Required, 7:00-15:30 F, No Room Required, In Person Term Based; Barbara Champlin ; 3 cr.
 59943 006 FWK, 7:00-15:30 F, No Room Required, 7:00-15:30 F, No Room Required, In Person Term Based; Barbara Champlin ; 3 cr.
 60167 007 FWK, 7:00-15:30 F, No Room Required, 7:00-15:30 F, No Room Required, In Person Term Based; Dawn Fredrich, Raney Linck ; 3 cr.

4305 Practicum: Community-based Care of Families Across Life Span

(A-F only; Prereq: 3703, 3705, 3801, [3802 or 3802H], enrolled Nurs student)

59936 001 FWK, 7:00-15:30 Th, No Room Required, 8:00-16:30 Th, No Room Required, In Person Term Based; Stephanie Pott, Eunice Areba ; 3 cr.
 59937 002 FWK, 8:00-16:30 Th, No Room Required, 7:00-15:30 Th, No Room Required, In Person Term Based; Eunice Areba, Stephanie Pott ; 3 cr.
 59944 003 FWK, 7:00-15:30 Th, No Room Required, 8:00-16:30 Th, No Room Required, In Person Term Based; Mary Findorff ; 3 cr.
 59945 004 FWK, 8:00-16:30 Th, No Room Required, 7:00-15:30 Th, No Room Required, In Person Term Based; Mary Findorff ; 3 cr.
 59946 005 FWK, 7:00-15:30 F, No Room Required, 8:00-16:30 F, No Room Required, In Person Term Based; Jeanne Pfeiffer ; 3 cr.
 59947 006 FWK, 8:00-16:30 F, No Room Required, 7:00-15:30 F, No Room Required, In Person Term Based; Jeanne Pfeiffer ; 3 cr.
 59949 008 FWK, 7:00-15:30 Th, No Room Required, 7:00-15:30 Th, No Room Required, In Person Term Based; Nasra Giama ; 3 cr.
 59950 009 FWK, 7:00-15:30 Th, No Room Required, 7:00-15:30 Th, No Room Required, In Person Term Based; Nasra Giama ; 3 cr.
 60168 010 FWK, 7:00-15:30 M, No Room Required, 7:00-15:30 F, No Room Required, In Person Term Based; Sharon McGill ; 3 cr.

4312 Patient Centered Care: Nursing Care of Families II

(A-F only; Prereq: 3802, enrolled nursing student)

59934 001 LEC, 8:00-12:05 W, Moos Health Sci Tower 5-125, In Person Term Based; Nasra Giama, Barbara Beacham, Samantha Sommersness ; 4 cr.
 59938 002 LEC, 8:00-12:05 W, University Square ITV Room 397, In Person Term Based; Nasra Giama, Barbara Beacham, Samantha Sommersness ; 4 cr.

4321 Public Health Nursing

(A-F or Audit; Prereq: jr nursing student)

59931 001 LEC, 13:25-15:20 W, Moos Health Sci Tower 5-125, In Person Term Based; Melissa Horning, Nasra Giama ; 2 cr.
 59932 002 LEC, 13:25-15:20 W, University Square ITV Room 322, In Person Term Based; Melissa Horning, Nasra Giama ; 2 cr.

4705 Specialty Focused Practicum II

(A-F or Audit; Prereq: 4703, sr in good standing in BSN prereq: 4703, sr in good standing in BSN)

59980 001 LEC, 9:05-11:00 T, Mayo Bldg & Additions 3-100, In Person Term Based; Lori Rhudy, Mary Steffes ; 6 cr.
 59989 002 FWK, 11:15-13:10 T, Weaver-Densford Hall 6-108, In Person Term Based; Mary Goering ; 6 cr.
 59990 003 FWK, 11:15-13:10 T, Moos Health Sci Tower 1-104, In Person Term Based; Jeanne Pfeiffer ; 6 cr.

59991 004 FWK, 11:15-13:10 T, Moos Tower, Room 1-317, In Person Term Based; Eileen Weber ; 6 cr.
 59992 005 FWK, 11:15-13:10 T, Moos Health Sci Tower 1-108, In Person Term Based; Robin Austin ; 6 cr.
 59999 006 FWK, 11:15-13:10 T, Moos Health Sci Tower 2-120, In Person Term Based; Barbara Champlin ; 6 cr.
 60000 007 FWK, 11:15-13:10 T, Mayo Bldg & Additions 3-125, In Person Term Based; Rozina Bhimani ; 6 cr.
 60001 008 FWK, 11:15-13:00 T, Moos Health Sci Tower 2-520, In Person Term Based; Erica Timko Olson ; 6 cr.
 60002 010 LEC, 9:05-11:00 T, University Square ITV Room 397, In Person Term Based; Lori Rhudy, Mary Steffes ; 6 cr.
 60207 011 FWK, 11:15-13:10 T, University Square ITV Room 397, In Person Term Based; Lori Rhudy ; 6 cr.
 60209 012 FWK, 11:15-13:10 T, University Square Exec Rm 419, In Person Term Based; Sharon McGill ; 6 cr.

4707 Nursing Leadership: Professional Practice in Complex Systems

(A-F only; Prereq: Sr enrolled in BSN program)
 59979 001 LEC, 13:25-15:20 T, Mayo Bldg & Additions 3-100, 13:25-15:20 T, Mayo Bldg & Additions 3-100, 13:25-15:20 T, Mayo Bldg & Additions 3-100, 13:25-15:20 T, Mayo Bldg & Additions 3-100, 13:25-15:20 T, Mayo Bldg & Additions 3-100, In Person Term Based; Daniel Pesut, Eileen Weber, Nasra Giama ; 2 cr.
 59983 002 LEC, 13:25-15:20 T, University Square ITV Room 397, 13:25-15:20 T, University Square ITV Room 397, 13:25-15:20 T, University Square ITV Room 397, 13:25-15:20 T, University Square ITV Room 397, 13:25-15:20 T, University Square ITV Room 397, In Person Term Based; Daniel Pesut, Eileen Weber, Nasra Giama ; 2 cr.

5011 Interprofessional Diabetes Experience

(A-F only; Prereq: 2nd or 3rd year in nursing curriculum prereq: 2nd or 3rd year in nursing curriculum)
 59981 001 LEC, 15:35-17:30 W, Weaver-Densford Hall 7-135, In Person Term Based; Meets With: 001 PHAR 6226; Sarah Westberg, Melissa Avery ; 2 cr.
 59982 002 LEC, 15:35-17:30 W, University Square ITV Room 322, In Person Term Based; Melissa Avery ; 2 cr.

5031 Human Response to Health and Illness: Adults and Elders

(A-F or Audit;)
 59871 001 LEC, 13:25-16:25 Th, Mayo Bldg & Additions 3-100, In Person Term Based; Shanda Demorest, Carol Flaten ; 4 cr.
 59874 002 FWK, 7:00-15:30 T, No Room Required, In Person Term Based; Sarah Osborne ; 4 cr.
 59875 003 FWK, 7:00-15:30 T, No Room Required, In Person Term Based; Sarah Osborne ; 4 cr.
 59876 004 FWK, 7:00-15:30 T, No Room Required, In Person Term Based; Sarah Osborne ; 4 cr.
 59877 005 FWK, 7:00-15:30 W, No Room Required, In Person Term Based; Penny Kessler ; 4 cr.
 59882 006 FWK, 7:00-15:30 W, No Room Required, In Person Term Based; Penny Kessler ; 4 cr.
 59883 007 FWK, 7:00-15:30 W, No Room Required, In Person Term Based; Penny Kessler ; 4 cr.
 59914 008 FWK, 7:00-15:30 W, No Room Required, In Person Term Based; Shanda Demorest ; 4 cr.
 59924 009 FWK, 7:00-15:30 W, No Room Required, In Person Term Based; Shanda Demorest ; 4 cr.
 60192 010 FWK, 7:00-15:30 W, No Room Required, In Person Term Based; Shanda Demorest ; 4 cr.

5032 Human Response to Health and Illness: Children and Childbearing Families

(A-F or Audit;)
 59872 001 LEC, 9:05-12:05 Th, Mayo Bldg & Additions 3-100, In Person Term Based; Melissa Saftner, Barbara Beacham ; 5 cr.
 59873 002 FWK, 7:00-16:30 T, No Room Required, 7:00-15:30 T, No Room Required, In Person Term Based; ; 5 cr.
 59878 003 FWK, 7:00-15:30 T, No Room Required, 7:00-15:30 T, No Room Required, In Person Term Based; ; 5 cr.
 59879 004 FWK, 7:00-16:30 T, No Room Required, 7:00-15:30 T, No Room Required, In Person Term Based; ; 5 cr.
 59880 005 FWK, 7:00-15:30 W, No Room Required, 7:00-15:30 W, No Room Required, In Person Term Based; ; 5 cr.
 59884 006 FWK, 7:00-15:30 W, No Room Required, 7:00-15:30 W, No Room Required, In Person Term Based; ; 5 cr.
 59885 007 FWK, 7:00-15:30 W, No Room Required, 7:00-15:30 W, No Room Required, In Person Term Based; ; 5 cr.

59915 008 FWK, 7:00-15:30 W, No Room Required, 7:00-15:30 W, No Room Required, In Person Term Based; Audrey Kopp ; 5 cr.
 59925 009 FWK, 7:00-15:30 W, No Room Required, 7:00-15:30 W, No Room Required, In Person Term Based; Audrey Kopp ; 5 cr.
 60193 010 FWK, 7:00-15:30 W, No Room Required, 7:00-15:30 W, No Room Required, In Person Term Based; Audrey Kopp ; 5 cr.

5115 Interprofessional Health Care Informatics

(A-F or Audit;)
 59890 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Bonnie Westra ; 3 cr.

5225 Psychopharmacology Advanced Practice Psychiatric/Mental Health Nursing

(A-F only; Prereq: 5228 or instr consent)
 59916 001 LEC, 9:05-12:05 W, Weaver-Densford Hall 4-130, 9:05-12:05 W, Weaver-Densford Hall 4-130, 9:05-12:05 W, Weaver-Densford Hall 4-130, 9:05-12:05 W, Weaver-Densford Hall 4-130, 9:05-12:05 W, Weaver-Densford Hall 4-130, 9:05-12:05 W, Weaver-Densford Hall 4-130, Primarily Online; Merrie Kaas, Elena Geiger-Simpson ; 3 cr.

5226 Advanced Human Pathophysiology

(A-F or Audit;)
 60208 001 LEC, 8:00-9:55 M, Moos Health Sci Tower 2-520, In Person Term Based; Dereck Salisbury, Ryan Mays ; 2 cr.
 60214 002 LEC, 11:15-13:10 T, Mayo Bldg & Additions 3-100, In Person Term Based; Dereck Salisbury, Ryan Mays ; 2 cr.
 60215 003 LEC, 11:15-13:10 F, Moos Health Sci Tower 2-580, In Person Term Based; Dereck Salisbury, Ryan Mays ; 2 cr.

5229 Clinical Pharmacotherapeutics

(A-F only; Prereq: 5222, [5228 or PHAR 5800], DNP student, instr consent)
 59903 001 LEC, 8:00-11:00 Th, Moos Health Sci Tower 1-450, 8:00-11:00 Th, Moos Health Sci Tower 1-450, 8:00-11:00 Th, Moos Health Sci Tower 1-450, Primarily Online; Andra Fjone, Mary Benbenek ; 2-4 cr.

5230 Pharmacotherapeutics for Nurse Anesthesia

(A-F only;)
 60225 001 LEC, 12:20-13:10 F, Weaver-Densford Hall 4-142, 12:20-13:10 W, Weaver-Densford Hall 4-136, 12:20-13:10 W, Weaver-Densford Hall 4-136, 12:20-13:10 W, Diehl Hall Laboratories 535B, 8:00-9:55 W, Diehl Hall Laboratories 535B, In Person Term Based; Roxanne McMurray, Leah Gordon ; 4 cr.

5505 Assessment and Support of Women in Labor

(S-N only; Prereq: Admission to DNP Program)
 60197 001 FWK, In Person Term Based; 2 cr.

5800 Nursing Topics

(Student Option; Prereq: instr consent)
 59861 003 IND, 00:00-00:00 , In Person Term Based; 1-4 cr.
 59870 001 IND, 00:00-00:00 , In Person Term Based; 1-4 cr.
 59905 002 IND, 00:00-00:00 , In Person Term Based; 1-4 cr.

5812 Global Health Through Study Abroad

(S-N only; Prereq: instr consent)
 59993 001 FWK, 00:00-00:00 , Study Abroad; 1-2 cr.

5830 Advanced Clinical Nursing

(Student Option;)
 59868 001 IND, 00:00-00:00 , In Person Term Based; 1-6 cr.
 59888 002 IND, 00:00-00:00 , In Person Term Based; 1-6 cr.
 59904 003 IND, 00:00-00:00 , In Person Term Based; 1-6 cr.

5925 Grant Writing and Critique

(Student Option; Prereq: Grad student or instr consent)
 59893 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Kristine Talley ; 1 cr.

6105 Systems Analysis and Design

(A-F or Audit; Prereq: 5115 or equiv or instr consent)
 59902 001 LEC, Completely Online; Martin Michalowski, Thomas Clancy ; 3 cr.

6110 Epidemiology in Nursing

(A-F only;)
 59917 001 LEC, 13:25-15:20 T, Mayo Bldg & Additions 3-100, Primarily Online; Mary Findorff ; 2 cr.
 60216 002 LEC, 13:25-15:20 F, Weaver-Densford Hall 4-130, In Person Term Based; Mary Findorff ; 2 cr.

6200 Science of Nursing Intervention

(A-F or Audit; Prereq: Admission to MN or DNP program)
 59891 001 LEC, 15:35-18:35 T, Mayo Bldg & Additions 3-125, Primarily Online; Ruth Lindquist, Mary Fran Tracy ; 3 cr.
 60217 002 LEC, 15:35-18:35 F, Weaver-Densford Hall 4-130, In Person Term Based; Anne McKechnie ; 3 cr.

6308 Women's Primary Care Practicum

(S-N only; Prereq: 5200, 5222, 5228, 5229, 6501, 6305, 6306)
 60198 001 FWK, 15:35-18:30 W, Weaver-Densford Hall 6-108, 15:35-18:30 W, Weaver-Densford Hall 6-108, 8:00-12:00 W, No Room Required, Primarily Online; Deborah Ringdahl, Melissa Saftner ; 1-2 cr.
 69761 012 FWK, In Person Term Based; Melissa Saftner ; 1-2 cr.

6502 Assessment and Management of Health for Advanced Practice Nurses, II

(A-F only; Prereq: Nurs 5228)
 59920 001 LEC, 8:00-11:00 W, Mayo Bldg & Additions 3-100, 8:00-11:00 W, Mayo Bldg & Additions 3-100, 8:00-11:00 W, Mayo Bldg & Additions 3-100, Primarily Online; Jane Anderson, Ann Hayden ; 2-3 cr.

6504 Assessing, Managing Psychiatric Disorders in Adv Practice Psychiatric-Mental Health Nursing

(A-F only;)
 59961 001 LEC, 12:20-15:20 W, Moos Health Sci Tower 1-451, 12:20-15:20 W, Weaver-Densford Hall W2-110, 15:35-17:30 W, Moos Health Sci Tower 2-690, 12:20-15:20 W, Weaver-Densford Hall W2-110, 12:20-15:20 W, Moos Health Sci Tower 3-110, Partially Online; Barbara Peterson, Elena Geiger-Simpson ; 2 cr.

6505 PMH/APN Prac II: Assessing, Managing Psychiatric Disorders in Adv Prac Psychiatric-Mental Health Nurs

(S-N only; Prereq: 5200, 5222, 5224, 5228, 6604, 6605, CSH 5101, concurrent registration is required (or allowed) in 6404)
 59962 001 FWK, 15:35-16:25 W, Moos Health Sci Tower 1-460, 15:35-16:25 W, Moos Health Sci Tower 1-460, 13:25-14:15 W, Moos Health Sci Tower 1-460, 15:35-16:25 W, Moos Health Sci Tower 1-460, 15:35-16:25 W, Moos Health Sci Tower 1-460, Partially Online; Elena Geiger-Simpson, Barbara Peterson ; 2 cr.
 69581 005 FWK, In Person Term Based; Elena Geiger-Simpson, Barbara Peterson ; 2 cr.

6703 Nursing Leadership Seminar: Organizational Culture and Leadership

(A-F only; Prereq: Grad student or instr consent)
 59994 001 LEC, 8:00-9:55 W, Moos Tower, Room 1-368, Primarily Online; Judith Pechacek ; 2 cr.

6704 Nursing Leadership Practicum: Organizational Culture and Leadership

(S-N only; Prereq: concurrent registration is required (or allowed) in 6703)
 59995 001 FWK, Primarily Online; Judith Pechacek ; 1-2 cr.

6900 Introduction to Principles of Anesthesia

(A-F only; Prereq: Doctorate of nursing practice program)
 60206 001 LEC, 9:05-12:05 Th, Weaver-Densford Hall 4-142, 8:00-15:20 M, Weaver-Densford Hall 4-142, 8:00-15:20 W, Weaver-Densford Hall 4-136, 8:00-12:05 F, Weaver-Densford Hall 4-142, 7:00-15:20 M, Weaver-Densford Hall 4-142, 8:00-12:05 W, Weaver-Densford Hall 4-136, 8:00-9:55 W, Weaver-Densford Hall 4-142, 9:05-12:05 W, Weaver-Densford Hall 4-136, 8:00-12:05 W, Weaver-Densford Hall 4-136, 8:00-9:55 W, Weaver-Densford Hall 4-136, 9:05-15:20 W, Weaver-Densford Hall 4-136, 9:05-12:05 W, Diehl Hall Laboratories 535B, Primarily Online; Roxanne McMurray, Leah Gordon ; 6 cr.

6902 Nurse Anesthesia Care: Cardiothoracic Disease

(A-F only; Prereq: 5222, 5228, 6900, 6901, concurrent registration is required (or allowed) in 6912, PHSL 5115)

59918 001 LEC, 8:00-16:25 ThF, No Room Required, 8:00-16:25 W, No Room Required, 8:00-16:25 F, Weaver-Densford Hall 6-194, 9:00-15:30 W, No Room Required, 8:00-13:00 W, Moos Health Sci Tower 1-455, 8:00-16:25 Sa, No Room Required, 8:00-16:25 Th, Weaver-Densford Hall 4-130, In Person Term Based; Danilo Lovinaria, ; 2 cr.

6910 Introduction to Nurse Anesthesia Practicum I

(S-N only; Prereq: Grad Student in Doctorate of Nursing Practice Program, concurrent registration is required (or allowed) in 6900)

60204 001 FWK, 9:05-12:05 W, Moos Health Sci Tower 1-455, 10:10-12:05 W, Diehl Hall Laboratories 535B, 9:05-12:05 W, Weaver-Densford Hall 6-194, In Person Term Based; Roxanne McMurray, ; 1 cr.

6912 Nurse Anesthesia Care:

Cardiothoracic Disease Practicum

(S-N only; Prereq: concurrent registration is required (or allowed) in 6902, DNP-nurse anesthesia specialty student)

59963 001 FWK, 12:20-16:25 M, Moos Tower, Room 1-317, 12:20-16:25 F, Moos Tower, Room 1-317, 12:20-16:25 W, Moos Tower, Room 1-317, In Person Term Based; Danilo Lovinaria, ; 3 cr.

6920 Primary Care: Assessment of Health and Care of Well Children

(A-F only; Prereq: 5200, 5222, 5229, concurrent registration is required (or allowed) in 6921, instr consent)

59928 001 LEC, 9:05-12:05 W, Weaver-Densford Hall 6-108, In Person Term Based; Cheri Friedrich, ; 3 cr.

6921 Assessment of Health and Care of Well Children: Primary Care Practicum

(S-N only; Prereq: 5200, 5222, 5229, concurrent registration is required (or allowed) in 6920, instr consent)

59929 001 FWK, 13:25-15:20 W, Weaver-Densford Hall 6-108, 13:25-15:20 W, Weaver-Densford Hall 6-108, 13:25-15:20 W, Weaver-Densford Hall 6-108, 13:25-15:20 W, Weaver-Densford Hall 6-108, 13:25-15:20 W, Weaver-Densford Hall 6-108, 13:25-15:20 W, Weaver-Densford Hall 6-108, In Person Term Based; Cheri Friedrich, ; 1-2 cr.
69759 006 FWK, In Person Term Based; ; 1-2 cr.

6925 Advanced Concepts in Women's Health Care I

(A-F only; Prereq: 6305, 6306, 6501)

59951 001 LEC, 12:20-15:20 W, Weaver-Densford Hall 6-194, 12:20-15:20 W, Weaver-Densford Hall 6-194, 12:20-15:20 W, Weaver-Densford Hall 6-194, Partially Online; Diana Drake, Melissa Saftner, ; 1-3 cr.

6926 Advanced Concepts in Women's Health for WHNP Practicum I

(S-N only; Prereq: WHNP DNP student, concurrent registration is required (or allowed) in 6925, 5222, 5228, 5229, 5200, 6305, 6306)

59953 001 FWK, 15:35-18:30 W, Moos Health Sci Tower 1-108, 15:35-18:30 W, Moos Health Sci Tower 1-108, 15:35-18:30 W, Moos Health Sci Tower 1-108, Partially Online; Diana Drake, ; 1 cr.
60224 005 FWK, In Person Term Based; Diana Drake, ; 1 cr.

7005 Nurse Anesthesia Practicum B

(S-N only; Prereq: 7004)

59967 001 FWK, 8:00-11:00 F, Weaver-Densford Hall 6-108, 8:00-11:00 F, Weaver-Densford Hall 6-108, 8:00-11:00 F, Weaver-Densford Hall 6-108, 8:00-11:00 F, Weaver-Densford Hall 6-108, 8:00-12:05 Th, Weaver-Densford Hall 6-108, 8:00-12:05 W, Weaver-Densford Hall 6-108, In Person Term Based; Danilo Lovinaria, ; 5 cr.

7100 Quality Improvement and Implementation Science in Health Care

(A-F only;)

59968 001 LEC, 8:00-11:00 T, Weaver-Densford Hall 4-130, Partially Online; Mary Chesney, Deborah Ringdahl ; 3 cr.
60218 002 LEC, 8:00-11:00 T, Phillips-Wangenstn Bldg 2-470, In Person Term Based; Deborah Ringdahl ; 3 cr.
60226 003 LEC, 8:00-11:00 T, Weaver-Densford Hall W2120, In Person Term Based; Samantha Sommersness ; 3 cr.

7102 Scholarly Dissemination and Advanced Professional Engagement

(A-F only;)

60219 001 LEC, 11:15-13:10 F, Mayo Bldg & Additions 3-125, In Person Term Based; Casey Hooke ; 2 cr.

7110 NURS 7110 DNP Project Practicum

(S-N only;)

59969 001 LEC, 00:00-00:00 , Partially Online; Judith Pechacek ; 1-3 cr.
60005 002 FWK, 00:00-00:00 , ONLINE, Completely Online; Melissa Avery ; 1-3 cr.
60006 003 FWK, 00:00-00:00 , ONLINE, Completely Online; Barbara Beacham ; 1-3 cr.
60007 004 FWK, 00:00-00:00 , ONLINE, Completely Online; Mary Benbenek ; 1-3 cr.
60008 005 FWK, 00:00-00:00 , ONLINE, Completely Online; Donna Bliss ; 1-3 cr.
60009 006 FWK, 00:00-00:00 , ONLINE, Completely Online; Mary Chesney ; 1-3 cr.
60010 007 FWK, 00:00-00:00 , ONLINE, Completely Online; Corjena Cheung ; 1-3 cr.
60011 008 FWK, 00:00-00:00 , ONLINE, Completely Online; Thomas Clancy ; 1-3 cr.
60012 009 FWK, 00:00-00:00 , ONLINE, Completely Online; Ann Hayden ; 1-3 cr.
60013 010 FWK, 00:00-00:00 , ONLINE, Completely Online; Shanda Demorest ; 1-3 cr.
60014 011 FWK, 00:00-00:00 , ONLINE, Completely Online; Rozina Bhimani ; 1-3 cr.
60015 012 FWK, 00:00-00:00 , ONLINE, Completely Online; Diana Drake ; 1-3 cr.
60016 013 FWK, 00:00-00:00 , ONLINE, Completely Online; Laura Duckett ; 1-3 cr.
60017 014 FWK, 00:00-00:00 , ONLINE, Completely Online; Barbara Champlin ; 1-3 cr.
60018 015 FWK, 00:00-00:00 , ONLINE, Completely Online; Mary Findorff ; 1-3 cr.
60019 016 FWK, 00:00-00:00 , ONLINE, Completely Online; Cheri Friedrich ; 1-3 cr.
60020 017 FWK, 00:00-00:00 , ONLINE, Completely Online; Jayne Fulkerson ; 1-3 cr.
60021 018 FWK, 00:00-00:00 , ONLINE, Completely Online; Carolyn Porta ; 1-3 cr.
60022 019 FWK, 00:00-00:00 , ONLINE, Completely Online; Joseph Gaugler ; 1-3 cr.
60023 020 FWK, 00:00-00:00 , ONLINE, Completely Online; Niloufar Hadidi ; 1-3 cr.
60024 021 FWK, 00:00-00:00 , ONLINE, Completely Online; Melissa Horning ; 1-3 cr.
60025 022 FWK, 00:00-00:00 , ONLINE, Completely Online; Casey Hooke ; 1-3 cr.
60026 023 FWK, 00:00-00:00 , ONLINE, Completely Online; Merrie Kaas ; 1-3 cr.
60027 024 FWK, 00:00-00:00 , ONLINE, Completely Online; Madeleine Kerr ; 1-3 cr.
60028 025 FWK, 00:00-00:00 , ONLINE, Completely Online; MaryJo Kreitzer ; 1-3 cr.
60029 026 FWK, 00:00-00:00 , ONLINE, Completely Online; Kathleen Krichbaum ; 1-3 cr.
60030 027 FWK, 00:00-00:00 , ONLINE, Completely Online; Karl Olson ; 1-3 cr.
60031 028 FWK, 00:00-00:00 , ONLINE, Completely Online; Sarah Hoffman ; 1-3 cr.
60032 029 FWK, 00:00-00:00 , ONLINE, Completely Online; Dereck Salisbury ; 1-3 cr.
60033 030 FWK, 00:00-00:00 , ONLINE, Completely Online; Ruth Lindquist ; 1-3 cr.
60034 031 FWK, 00:00-00:00 , ONLINE, Completely Online; Wendy Looman ; 1-3 cr.
60035 032 FWK, 00:00-00:00 , ONLINE, Completely Online; Danilo Lovinaria ; 1-3 cr.
60036 033 FWK, 00:00-00:00 , ONLINE, Completely Online; Siobhan McMahon ; 1-3 cr.
60037 034 FWK, 00:00-00:00 , ONLINE, Completely Online; Karen Monsen ; 1-3 cr.
60038 035 FWK, 00:00-00:00 , ONLINE, Completely Online; Christine Mueller ; 1-3 cr.
60039 036 FWK, 00:00-00:00 , ONLINE, Completely Online; Susan O'Conner-Von ; 1-3 cr.
60040 037 FWK, 00:00-00:00 , ONLINE, Completely Online; Ryan Mays ; 1-3 cr.
60041 038 FWK, 00:00-00:00 , ONLINE, Completely Online; Cynthia Peden-McAlpine ; 1-3 cr.
60042 039 FWK, 00:00-00:00 , ONLINE, Completely Online; Daniel Pesut ; 1-3 cr.
60043 040 FWK, 00:00-00:00 , ONLINE, Completely Online; Jeanne Pfeiffer ; 1-3 cr.
60044 041 FWK, 00:00-00:00 , ONLINE, Completely Online; Samantha Sommersness ; 1-3 cr.
60045 042 FWK, 00:00-00:00 , ONLINE, Completely Online; Teddie Potter ; 1-3 cr.
60046 043 FWK, 00:00-00:00 , ONLINE, Completely Online; Lori Rhudy ; 1-3 cr.
60047 044 FWK, 00:00-00:00 , ONLINE, Completely Online; Deborah Ringdahl ; 1-3 cr.
60048 045 FWK, 00:00-00:00 , ONLINE, Completely Online; Cheryl Robertson ; 1-3 cr.

60049 046 FWK, 00:00-00:00 , ONLINE, Completely Online; Melissa Saftner ; 1-3 cr.

60050 047 FWK, 00:00-00:00 , ONLINE, Completely Online; Dianne Willer-Sly ; 1-3 cr.

60051 048 FWK, 00:00-00:00 , ONLINE, Completely Online; Renee Sieving ; 1-3 cr.

60052 049 FWK, 00:00-00:00 , ONLINE, Completely Online; Mary Steffes ; 1-3 cr.

60053 050 FWK, 00:00-00:00 , ONLINE, Completely Online; Kristine Talley ; 1-3 cr.

60054 051 FWK, 00:00-00:00 , ONLINE, Completely Online; Diane Treat-Jacobson ; 1-3 cr.

60055 052 FWK, 00:00-00:00 , ONLINE, Completely Online; Bonnie Westra ; 1-3 cr.

60056 053 FWK, 00:00-00:00 , ONLINE, Completely Online; Elena Geiger-Simpson ; 1-3 cr.

60057 054 FWK, 00:00-00:00 , ONLINE, Completely Online; Jean Wyman ; 1-3 cr.

60170 055 FWK, 00:00-00:00 , ONLINE, Completely Online; Fang Yu ; 1-3 cr.

60171 056 FWK, 00:00-00:00 , ONLINE, Completely Online; Sharon McGill ; 1-3 cr.

60172 057 FWK, 00:00-00:00 , ONLINE, Completely Online; Maria Ruud ; 1-3 cr.

60173 058 FWK, 00:00-00:00 , ONLINE, Completely Online; Roxanne McMurray ; 1-3 cr.

60174 059 FWK, 00:00-00:00 , ONLINE, Completely Online; Judith Pechacek ; 1-3 cr.

60175 060 FWK, Completely Online; Barbara Peterson ; 1-3 cr.

60176 061 FWK, Partially Online; Eunice Areba ; 1-3 cr.

69350 062 FWK, In Person Term Based; Jane Anderson ; 1-3 cr.

69351 063 FWK, In Person Term Based; Robin Austin ; 1-3 cr.

69352 064 FWK, In Person Term Based; Chih-Lin Chi ; 1-3 cr.

69353 065 FWK, In Person Term Based; Elaine Darst ; 1-3 cr.

69354 066 FWK, In Person Term Based; Connie Delaney ; 1-3 cr.

69355 067 FWK, In Person Term Based; Andra Fjone ; 1-3 cr.

69356 068 FWK, In Person Term Based; Carol Flaten ; 1-3 cr.

69357 069 FWK, In Person Term Based; Ann Garwick ; 1-3 cr.

69358 070 FWK, In Person Term Based; Nasra Giama ; 1-3 cr.

69359 071 FWK, In Person Term Based; Penny Kessler ; 1-3 cr.

69360 072 FWK, In Person Term Based; Laura Kirk ; 1-3 cr.

69361 073 FWK, In Person Term Based; Renee Kumpula ; 1-3 cr.

69362 074 FWK, In Person Term Based; Joan Liaschenko ; 1-3 cr.

69363 075 FWK, In Person Term Based; Anne McKechnie ; 1-3 cr.

69364 076 FWK, In Person Term Based; Barbara McMorris ; 1-3 cr.

69365 077 FWK, In Person Term Based; Mary Rowan ; 1-3 cr.

69366 078 FWK, In Person Term Based; Erica Schorr ; 1-3 cr.

69367 079 FWK, In Person Term Based; Eileen Weber ; 1-3 cr.

69368 080 FWK, In Person Term Based; Stephanie Pott ; 1-3 cr.

69369 081 FWK, In Person Term Based; Lisiane Pruinelli ; 1-3 cr.

69370 082 FWK, In Person Term Based; Mary Goering ; 1-3 cr.

69371 083 FWK, In Person Term Based; Mary Fran Tracy ; 1-3 cr.

69372 084 FWK, In Person Term Based; Martin Michalowski ; 1-3 cr.

7113 Clinical Decision Support: Theory

(A-F only; Prereq: 5115 or HINF 5430/5431 or instr consent)

59922 001 LEC, Completely Online; 2 cr.

7114 Clinical Decision Support Practicum

(S-N only; Prereq: [5115, [7113 or concurrent registration is required (or allowed) in 7113] or [HINF 5430, HINF 5431]] or instr consent)

60205 001 FWK, Completely Online; Karen Monsen ; 2 cr.

7118 Human Factors and Human-Computer Interaction in Health Informatics

(A-F or Audit; Prereq: Biostatistics or instr consent)

69330 001 LEC, Completely Online; Lisiane Pruinelli ; 3 cr.

7202 Moral and Ethical Positions and

Actions in Nursing

(A-F or Audit;)

59919 001 LEC, 11:15-14:15 T, , Primarily Online; Eileen Weber ; 2 cr.

7210 Integrative Health and Healing**Practicum I**

(S-N only; Prereq: 5101, 5200, 5222, 6200, 7000, beginning level skill in one integrative therapy, instr consent)

70041 001 FWK, In Person Term Based; Deborah Ringdahl ; 1 cr.

7213 Midwifery Clinical and Professional Integration

(S-N only; Prereq: Nurse midwifery DNP student in final semester, no incomplete cr, instr consent)

59956 001 FWK, 12:20-16:25 W, No Room Required, 13:25-16:25 W, Moos Health Sci Tower 1-455, 12:20-16:25 W, No Room Required, Primarily Online; Melissa Avery, ; 3 cr.
60230 005 FWK, In Person Term Based; Melissa Avery ; 3 cr.
69762 012 FWK, In Person Term Based; Melissa Avery ; 3 cr.

7214 Integrative Health and Healing III

(A-F only; Prereq: 7211 or instr consent)

59973 001 LEC, 9:05-12:05 Th, No Room Required, 8:00-16:25 Th, No Room Required, 14:30-16:25 Th, No Room Required, 14:30-16:25 Th, No Room Required, Primarily Online; MaryJo Kreitzer ; 1 cr.

7215 Integrative Health and Healing**Practicum III**

(S-N only; Prereq: 7212 or instr consent)

59974 001 FWK, 14:30-15:20 Th, No Room Required, 14:30-15:20 Th, No Room Required, 14:30-15:20 Th, No Room Required, 14:30-15:20 Th, No Room Required, Partially Online; MaryJo Kreitzer ; 2 cr.

7310 WHNP Clinical and Professional Integration

(S-N only; Prereq: WHNP DNP student in final semester, passed all courses, no incomplete credits)

59955 001 FWK, 8:00-11:00 W, Moos Health Sci Tower 1-108, 8:00-11:00 W, Moos Health Sci Tower 1-108, 15:00-18:00 Th, Weaver-Densford Hall 6-194, 8:00-11:00 W, Moos Health Sci Tower 1-108, Primarily Online; Maria Ruud, ; 2 cr.
69763 012 FWK, In Person Term Based; Maria Ruud ; 2 cr.

7400 Health Policy Leadership

(A-F or Audit; Prereq: Admission to DNP program)

59926 001 LEC, 14:30-17:30 T, Weaver-Densford Hall 4-130, Primarily Online; Mary Chesney ; 3 cr.
60228 002 LEC, 8:00-11:00 F, Weaver-Densford Hall 4-130, In Person Term Based; Mary Chesney ; 3 cr.

7406 Advanced Nursing Practicum in Adult-Gerontology Health

(S-N only; Prereq: [5222, 5228, 5224, 5200, 6407, 6501, 7505, not [ANP or GNP]] or [5222, 5228, 5224, 5200, 6407, 6500, 6501, 7504, 7505, [ANP or GNP]] or instr consent)

59957 001 FWK, 9:05-10:00 W, , 10:10-12:00 W, , 9:05-12:05 W, , 9:05-12:05 W, Moos Tower, Room 1-317, Partially Online; Dianne Willer-Sly, ; 2 cr.
60194 002 FWK, 9:05-11:00 W, Moos Health Sci Tower 1-460, 9:05-11:00 W, Moos Health Sci Tower 1-460, 9:05-11:00 W, Moos Health Sci Tower 1-460, In Person Term Based; Niloufar Hadidi, ; 2 cr.

7503 Reproductive Health Care of Women Practicum for Family Nurse Practitioners

(S-N only; Prereq: 5200)

59952 001 FWK, 11:15-13:10 W, Moos Health Sci Tower 2-120, In Person Term Based; Maria Ruud, Ann Hayden ; 1 cr.
60223 005 FWK, In Person Term Based; Maria Ruud, Ann Hayden ; 1 cr.
69764 012 FWK, In Person Term Based; Ann Hayden, Maria Ruud ; 1 cr.

7505 Assessment and Management of Health for Advanced Practice Nurses Practicum II

(S-N only; Prereq: 5200, 5222, 5224, 5229, (6501 or concurrent registration is required (or allowed) in 6501), (6502 or concurrent registration is required (or allowed) in 6502))

59954 001 FWK, 14:30-16:25 W, Moos Tower, Room 1-368, In Person Term Based; Mary Benbenek ; 1-2 cr.
59958 002 FWK, 14:30-16:25 W, Weaver-Densford Hall W2-110, 13:25-16:25 W, Weaver-Densford Hall W2-110, 14:30-16:25 W, Weaver-Densford Hall W2-110, Primarily Online; Dianne Willer-Sly, ; 1-2 cr.

59959 003 FWK, 13:25-15:20 W, Weaver-Densford Hall 6-108, 13:25-15:20 W, Weaver-Densford Hall 6-108, 13:25-15:20 W, Weaver-Densford Hall 2-121, Primarily Online; Niloufar Hadidi, ; 1-2 cr.
60222 005 FWK, In Person Term Based; 1-2 cr.
69579 006 FWK, In Person Term Based; ; 1-2 cr.

7507 Assessment Management of Health Practicum IV:Community Health**Leadership for Family Nurse Prac**

(S-N only; Prereq: 7400 or concurrent registration is required (or allowed) in 7400, 7506)

59972 001 FWK, 8:00- 9:55 W, Weaver-Densford Hall 6-194, In Person Term Based; Mary Benbenek ; 1 cr.
69760 006 FWK, In Person Term Based; Mary Benbenek ; 1 cr.

7509 Assessment and Management of Health Practicum VI: Primary Care for the Family Nurse Practitioner

(S-N only; Prereq: 5200, 5222, 5228, 5229, 6501, 7504, 7505, concurrent registration is required (or allowed) in 7507, concurrent registration is required (or allowed) in 7508)

59964 001 FWK, 10:10-12:05 W, Weaver-Densford Hall 6-194, In Person Term Based; Ann Hayden ; 1 cr.
69580 006 FWK, In Person Term Based; Ann Hayden ; 1 cr.
69712 002 FWK, In Person Term Based; Mary Benbenek ; 1 cr.

7600 Nursing Research and Evidence Based Practice

(A-F only; Prereq: Completion of or concurrent enrollment in a 3 credit inferential statistics course)

60196 001 LEC, 9:05-12:05 F, Moos Health Sci Tower 5-125, 9:05-12:05 F, Moos Health Sci Tower 5-125, 9:05-12:05 F, Moos Health Sci Tower 5-125, In Person Term Based; Renee Kumpula, Susan O'Conner-Von, ; 2-4 cr.
60199 002 LEC, 8:00-11:00 T, Mayo Bldg & Additions D325, In Person Term Based; Rozina Bhimani ; 2-4 cr.
60202 003 LEC, 8:00-11:00 F, Mayo Bldg & Additions 3-100, In Person Term Based; Donna Bliss ; 2-4 cr.

7604 Executive Leadership Seminar:**Boundary Spanning Leadership**

(A-F only; Prereq: [6705, 6706] or instr consent)

59985 001 LEC, 9:05-11:00 W, Moos Health Sci Tower 1-455, Primarily Online; Teddie Potter ; 2 cr.

7605 Executive Leadership Practicum:**Boundary Spanning Leadership**

(S-N only; Prereq: [6704, 6706] or instr consent)

59986 001 FWK, Primarily Online; Judith Pechacek ; 1-2 cr.

7606 Relationship-Based Leadership and Management

(A-F only; Prereq: Grad student or instr consent)

59975 001 LEC, 13:25-16:25 W, Moos Tower, Room 1-317, Primarily Online; Teddie Potter, Shanda Demorest ; 3 cr.

7608 Health Care Finance and Resource Management

(A-F or Audit; Prereq: Grad student or instr consent)

60190 001 LEC, 13:25-16:25 W, Moos Health Sci Tower 2-690, 13:25-16:25 W, Weaver-Densford Hall W2-110, Partially Online; Judith Pechacek, ; 3 cr.

7610 System Leadership and Innovation

(A-F only;)

59921 001 LEC, 11:15-14:15 T, Weaver-Densford Hall 4-130, Primarily Online; Jeanne Pfeiffer ; 3 cr.
60229 002 LEC, 11:15-14:15 F, Moos Health Sci Tower 2-520, In Person Term Based; Kathleen Krichbaum ; 3 cr.

7612 Psychiatric/Mental Health Advanced Practice Nursing: Professional Seminar

(A-F only; Prereq: 6802, 6803)

59987 001 LEC, 9:05-12:05 T, Moos Health Sci Tower 1-440, 9:05-12:05 T, Moos Health Sci Tower 1-440, 9:05-12:05 T, Moos Health Sci Tower 1-440, 9:05-12:05 T, Moos Health Sci Tower 1-440, 9:05-12:05 T, Moos Health Sci Tower 1-440, Partially Online; Merrie Kaas, ; 1 cr.

7613 Psychiatric/Mental Health Advanced Practice Nursing: Practicum V

(S-N only; Prereq: [6802, 6803] or instr consent)

59988 001 FWK, 12:20-13:10 T, Weaver-Densford Hall 6-194, 12:20-13:10 T, Weaver-Densford Hall 6-194, 12:20-13:10 T, Weaver-Densford Hall 6-194, 12:20-13:10 T, Weaver-Densford Hall 6-194, 12:20-13:10 T, Weaver-Densford Hall 6-194, Partially Online; Merrie Kaas, ; 2 cr.

69850 005 FWK, In Person Term Based; 2 cr.

7900 Scholarly Teaching and Learning in Nursing

(A-F only;)

59970 001 LEC, 14:30-17:30 T, Moos Health Sci Tower 2-530, Primarily Online; Kathleen Krichbaum ; 3 cr.

7925 Systems of Care for Children and Youth With Special Health Care Needs Practicum

(S-N only; Prereq: 6924 or instr consent)

59965 001 FWK, 15:35-16:25 W, Weaver-Densford Hall 6-194, In Person Term Based; Andra Fjone ; 2 cr.
70029 006 FWK, In Person Term Based; Andra Fjone ; 2 cr.

7926 Advanced Assessment, Intervention in Families of Children and Youth With Special Health Care Needs

(A-F only; Prereq: [6102 or equiv family theory course, 6200, concurrent registration is required (or allowed) in 7925] or instr consent)

59976 001 LEC, 13:25-15:20 W, Moos Health Sci Tower 1-108, In Person Term Based; Andra Fjone ; 2 cr.

7927 Adv Assessment, Intervention in Families of Children and Youth With Special Health Care Needs Prac

(S-N only; Prereq: [6102 or equiv family theory course, 6200, concurrent registration is required (or allowed) in 7925, concurrent registration is required (or allowed) in 7926] or instr consent)

59977 001 FWK, 12:20-13:10 W, Moos Health Sci Tower 1-108, In Person Term Based; Wendy Looman ; 1 cr.

7930 Public Health Nursing Leadership Practicum

(S-N only; Prereq: 6930)

59966 001 FWK, 13:25-15:20 W, Weaver-Densford Hall 2-121, Primarily Online; Cheryl Robertson ; 2 cr.

7939 Public Health Nurse Leadership Role

(A-F only; Prereq: [6930, DNP student] or instr consent)

60203 001 LEC, 15:35-16:25 W, Weaver-Densford Hall 2-121, Primarily Online; Cheryl Robertson ; 1 cr.

8134 Interventions and Outcomes Research

(A-F or Audit; Prereq: 8121, PhD student, instr consent)

59887 001 LEC, 13:25-16:25 W, Moos Health Sci Tower 1-440, In Person Term Based; Kristine Talley ; 3 cr.

8152 Scholarship in Health Care Ethics

(A-F only; Prereq: Doctoral student or instr consent)

59998 001 LEC, 13:25-16:25 W, Moos Health Sci Tower 1-104, In Person Term Based; Joan Liaschenko ; 3 cr.

8171 Qualitative Research Design and Methods

(Student Option; Prereq: 8170 or equiv)

59860 001 LEC, 14:30-17:30 Th, Weaver-Densford Hall 6-108, In Person Term Based; Cynthia Peden-McAlpine ; 3-4 cr.

8177 Advanced Nursing Research**Practicum**

(S-N or Audit; Prereq: PhD nursing student, instr consent, adviser consent)

59863 001 FWK, 00:00-00:00 , , In Person Term Based; 2 cr.
59864 002 FWK, In Person Term Based; Anne McKechnie ; 2 cr.
59865 003 FWK, 00:00-00:00 , , In Person Term Based; Martin Michalowski ; 2 cr.
59866 004 FWK, 00:00-00:00 , , In Person Term Based; 2 cr.
59867 005 FWK, 00:00-00:00 , , In Person Term Based; 2 cr.

8179 Biophysiological Measurement and Instrumentation in Clinical Research

(Student Option; Prereq: [8173, 8175 or equiv, advanced level stat or concurrent registration is required (or allowed) in advanced level stat] or instr consent)

60195 001 LEC, 13:25-16:25 T, Weaver-Densford Hall 6-194, In Person Term Based; 3 cr.

8185 Qualitative Data Analysis for Health Care Research

(Student Option; Prereq: 8171 or grad course in qualitative research methods)

69331 001 LEC, 9:05-12:05 W, Moos Health Sci Tower
1-104, In Person Term Based; Cynthia Peden-McAlpine ;
3-4 cr.

8190 Critical Review in Health Research

(A-F or Audit; Prereq: Advanced statistics course, instr consent)

59886 001 LEC, 10:10-12:05 Th, Weaver-Densford Hall
6-194, In Person Term Based; Jean Wyman ; 2 cr.

8193 Special Topics in Nursing Research (Student Option; Prereq: instr consent)

59862 001 IND, 00:00-00:00 , , In Person Term Based; 1-6
cr.

59898 002 IND, 00:00-00:00 , , In Person Term Based; 1-6
cr.

59899 003 IND, 00:00-00:00 , , In Person Term Based; 1-6
cr.

59900 004 IND, 00:00-00:00 , , In Person Term Based; 1-6
cr.

59901 005 IND, In Person Term Based; 1-6 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student,
adviser and DGS consent)

70172 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who
has not passed prelim oral; no required consent for
1st/2nd registrations, up to 12 combined cr; dept
consent for 3rd/4th registrations, up to 24 combined
cr; doctoral student admitted before summer 2007 may
register up to four times, up to 60 combined cr)

70173 001 IND, In Person Term Based; 1-6 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester
or summer; 24 cr required)

59869 001 IND, In Person Term Based; 1-24 cr.

Nutrition (NUTR)

5622 Vitamin and Mineral Biochemistry

(Student Option; Prereq: BioC 3021, Phsl 3051, FSCN
4612)

53238 001 LEC, 9:35-10:25 MWF, Ruttan Hall B25, In
Person Term Based; Daniel Gallaher ; 3 cr.

5626 Nutritional Physiology

(A-F or Audit; Prereq: NUTR 5625)

53320 001 LEC, 8:45-10:00 TTh, Ruttan Hall 143, In Person
Term Based; Meets With: 001 ANSC 5626; Milena Saqui-
Salces ; 3 cr.

5627 Nutritional and Food Toxicology

(A-F only; Prereq: BIOC 3021; designed for students
majoring in [nutrition or food science or toxicology])

53407 001 LEC, 15:00-16:15 TTh, Peters Hall 155, In Person
Term Based; Meets With: 001 FSCN 4622; Chi Chen ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)

53023 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student,
adviser and DGS consent)

53027 001 IND, In Person Term Based; 1 cr.

8620 Advances in Nutrition

(Student Option; Prereq: M.S. or Ph.D. student, two
semesters in the nutrition program)

53251 001 DIS, 10:40-12:35 W, Ruttan Hall B26, In Person
Term Based; A Csallany ; 2 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who
has not passed prelim oral; no required consent for
1st/2nd registrations, up to 12 combined cr; dept
consent for 3rd/4th registrations, up to 24 combined
cr; doctoral student admitted before summer 2007 may
register up to four times, up to 60 combined cr)

53029 001 IND, In Person Term Based; 1-6 cr.

8695 Independent Study: Nutrition

(Student Option; Prereq: instr consent)

53289 001 IND, 00:00-00:00 , , In Person Term Based; 1-10
cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester
or summer; 10 cr total required [Plan A only])

53028 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester
or summer; 24 cr required)

53030 001 IND, In Person Term Based; 1-24 cr.

Obstetrics and Gynecology (OBST)

7500 Obstetrics, Gynecology and Women's Health Clerkship

(H-N only;)

58171 001 ROT, In Person Term Based; 4 cr.

68479 002 ROT, In Person Term Based; 4 cr.

68480 003 ROT, In Person Term Based; 4 cr.

68481 004 ROT, In Person Term Based; 4 cr.

7530 Advanced Ob/Gyn: Gynecologic Oncology

(H-N only;)

59741 001 ROT, In Person Term Based; 4 cr.

68482 002 ROT, In Person Term Based; 4 cr.

68483 003 ROT, In Person Term Based; 4 cr.

68484 004 ROT, In Person Term Based; 4 cr.

7541 Advanced Ob/Gyn: Maternal-Fetal Medicine

(H-N only;)

59745 001 ROT, In Person Term Based; 4 cr.

68485 002 ROT, In Person Term Based; 4 cr.

68486 003 ROT, In Person Term Based; 4 cr.

68487 004 ROT, In Person Term Based; 4 cr.

7550 Reproductive Health

(P-N only;)

58874 011 ROT, In Person Term Based; 2 cr.

68488 022 ROT, In Person Term Based; 2 cr.

68489 031 ROT, In Person Term Based; 2 cr.

7560 Research in Obstetrics and Gynecology

(H-N only;)

58411 017 IND, 00:00-00:00 , , In Person Term Based; 4-8
cr.

8224 Gynecological Endocrinology I

(Student Option; Prereq: prereq 8223)

58250 001 LEC, 00:00-00:00 , , In Person Term Based; Linda
Carson ; 1-15 cr.

8225 Gynecological Endocrinology II

(Student Option; Prereq: prereq 8224)

58251 001 LEC, 00:00-00:00 , , In Person Term Based; Linda
Carson ; 1-15 cr.

8226 Obstetrical Physiology and

Anesthesiology

(Student Option; Prereq: prereq 8225)

58252 001 LEC, 00:00-00:00 , , In Person Term Based; Linda
Carson ; 1-15 cr.

8227 Preceptorship in Clinical Practice

(Student Option; Prereq: prereq 8226)

58253 001 LEC, 00:00-00:00 , , In Person Term Based; Linda
Carson ; 1-15 cr.

8240 Human Gametes and Fertilization

(Student Option;)

58254 001 LEC, 00:00-00:00 , , In Person Term Based; Linda
Carson ; 3 cr.

8241 Human Gametes and Fertilization

Laboratory

(Student Option;)

58255 001 LEC, 00:00-00:00 , , In Person Term Based; Linda
Carson ; 2 cr.

8243 Topics in Family Planning

(Student Option;)

58256 001 LEC, 00:00-00:00 , , In Person Term Based; Linda
Carson ; 2-8 cr.

1003 Introduction to Occupational Therapy

(A-F only;)

45674 D09 LEC, 00:00-00:00 , , Online & Distance Lrng

(ODL); Cindy Jacobs ; 1 cr.

45675 E09 LEC, 00:00-00:00 , , Online & Distance Lrng

(ODL); Cindy Jacobs ; 1 cr.

45688 B09 LEC, 00:00-00:00 , , Online & Distance Lrng

(ODL); Cindy Jacobs ; 1 cr.

45689 C09 LEC, 00:00-00:00 , , Online & Distance Lrng

(ODL); Cindy Jacobs ; 1 cr.

45783 001 LEC, 00:00-00:00 , ONLINE, Completely Online;

Cindy Jacobs ; 1 cr.

5395 Independent Study in Occupational Therapy

(Student Option; Prereq: Enrolled OT student or instr
consent)

45673 001 IND, 00:00-00:00 , , In Person Term Based;

Peggy Martin ; 1-4 cr.

6200 Public and Professional Engagement II

(S-N only; Prereq: 6100 or instr consent)

45725 001 IND, Primarily Online; Corey McGee ; 0.5 cr.

45726 002 IND, Primarily Online; Michael Potegal ; 0.5 cr.

6201 Functional Anatomy and Kinesiology

(A-F only; Prereq: OT student or instr consent)

45715 001 LEC, Primarily Online; Meenakshi Iyer, Chih-

Huang Yu ; 3 cr.

45716 002 LEC, Primarily Online; Meenakshi Iyer, Chih-

Huang Yu ; 3 cr.

6202 Occupational Therapy Process

for Individuals: Occupation Through

Compensation

(A-F only; Prereq: Registered OT student or instr
consent)

45717 001 LEC, Primarily Online; Laura Sopeth ; 5 cr.

45718 002 LEC, Primarily Online; Laura Sopeth ; 5 cr.

6203 Occupational Therapy Process for Family

(A-F only; Prereq: OT student or instr consent)

45719 001 IND, Completely Online; 2 cr.

45720 002 IND, Completely Online; 2 cr.

6213 Occupational Therapy Process for

Individuals: Medical Contexts

(A-F only; Prereq: OT student or instr consent)

45721 001 LEC, Primarily Online; Leann Shore ; 2 cr.

45722 002 LEC, Primarily Online; Leann Shore ; 2 cr.

7201 Scholarly Inquiry in Health Sciences

(A-F only; Prereq: OT student or instr consent)

45723 001 LEC, Primarily Online; 4 cr.

45724 002 LEC, Primarily Online; 4 cr.

7596 Occupational Therapy Level II

Fieldwork I

(S-N only; Prereq: Registered OT student or instr
consent)

45728 001 FWK, In Person Term Based; Christina Bourland ;
6 cr.

45729 002 FWK, In Person Term Based; Christina Bourland ;
6 cr.

69823 003 FWK, In Person Term Based; Christina Bourland ;
6 cr.

69824 004 FWK, In Person Term Based; Christina Bourland ;
6 cr.

7696 Occupational Therapy Level II

Fieldwork II

(S-N only; Prereq: Registered OT student or instr
consent)

45731 001 FWK, In Person Term Based; Christina Bourland ;
6 cr.

45732 002 FWK, In Person Term Based; Christina Bourland ;
6 cr.

7796 Occupational Therapy Level II

Fieldwork III: Optional

(S-N only; Prereq: Registered OT student or instr
consent)

45733 001 FWK, In Person Term Based; 1-6 cr.

45734 002 FWK, In Person Term Based; 1-6 cr.

Occupational Therapy (OT)

Off-Campus Study (OCS)

3550 NSE: National Student Exchange Plan**B**

(S-N only; Prereq: dept consent)

61180 001 DIS, In Person Term Based; 0-20 cr.

Office of Undergrad Education (OUE)**2100 Academic Planning and Exploration**

(Student Option; Prereq: Ctr for Academic Planning and Exploration (CAPE) consent)

61239 001 IND, 14:30-16:25 T, Bruininks Hall 518, 14:30-16:25 T, Bruininks Hall 518, Primarily Online; 1 cr.
 61240 005 IND, 14:30-16:25 T, Bruininks Hall 518, 14:30-16:25 T, Bruininks Hall 518, Primarily Online; 1 cr.
 67967 002 IND, 15:35-17:30 W, Bruininks Hall 518, 15:35-17:30 W, Bruininks Hall 518, Primarily Online; 1 cr.
 67968 003 IND, 10:10-12:05 F, Bruininks Hall 518, 10:10-12:05 F, Bruininks Hall 518, Primarily Online; 1 cr.
 67970 006 IND, 15:35-17:30 W, Bruininks Hall 518, 15:35-17:30 W, Bruininks Hall 518, Primarily Online; 1 cr.
 67971 007 IND, 10:10-12:05 F, Bruininks Hall 518, 10:10-12:05 F, Bruininks Hall 518, Primarily Online; 1 cr.

3310 Leadership Development for University Student Leaders

(S-N only;)

70083 001 LEC, 15:30-19:30 W, Coffman Memorial Union 332, In Person Term Based; Evan Witt, Lisa Gruszka ; 3 cr.

Ojibwe (OJIB)**1102 Beginning Ojibwe II**

(Student Option; Prereq: 1101)

50607 001 LEC, 14:30-15:20 MTWThF, Peik Hall 165, In Person Term Based; Meets With: 001 OJIB 4102; Zoe Brown ; 5 cr.

3104 Intermediate Ojibwe II

(Student Option; Prereq: 1102, 1102,3103)

50608 001 LEC, 15:35-16:25 MTWThF, Folwell Hall 3, In Person Term Based; Meets With: 001 OJIB 4104; Zoe Brown ; 5 cr.

4102 Beginning Ojibwe II

(Student Option; Prereq: community member, see department for permission to enroll.)

52631 001 LEC, 14:30-15:20 MTWThF, Peik Hall 165, In Person Term Based; Meets With: 001 OJIB 1102; Zoe Brown ; 3 cr.

4104 Intermediate Ojibwe II

(Student Option; Prereq: 1102, 3102, community member, see department for permission to enroll.)

52632 001 LEC, 15:35-16:25 MTWThF, Folwell Hall 3, In Person Term Based; Meets With: 001 OJIB 3104; Zoe Brown ; 3 cr.

5109 Advanced Ojibwe Language II

(A-F or Audit;)

50599 001 LEC, 14:30-15:20 MWF, Burton Hall 123, In Person Term Based; Brendan Fairbanks ; 3 cr.

5204W Ojibwe Mastery II

(A-F or Audit; WI)

52014 001 LEC, 15:35-16:25 MWF, Peik Hall 165, In Person Term Based; Brendan Fairbanks ; 3 cr.

Ophthalmology (OPH)**5701 Orthoptics III**

(S-N only;)

58690 001 FWK, In Person Term Based; 5 cr.

7180 Externship in Ophthalmology

(H-N only;)

58172 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68502 002 ROT, In Person Term Based; ; 4 cr.**7190 Ophthalmology Research**

(H-N only;)

58987 099 IND, In Person Term Based; 4-8 cr.

7910 Ophthalmology Medical Residency

(No Grade Associated;)

69931 001 FWK, In Person Term Based; 6 cr.

7930 Ophthalmology medical fellowship.

(No Grade Associated;)

69932 001 FWK, In Person Term Based; 6 cr.

Oral Biology (OBIO)**5030 Virology Research Presentations**

(S-N only;)

70205 001 DIS, 12:00-13:00 W, AHC ROOM TBA, In Person Term Based; Louis Mansky ; 1 cr.

5050 Evolution of Emerging Viruses

(A-F or Audit;)

70206 001 LEC, In Person Term Based; Louis Mansky ; 2 cr.

8012 Basic Concepts in Skeletal Biology

(A-F or Audit; Prereq: Grad student or instr consent.)

53696 001 LEC, 10:10-12:05 Th, AHC ROOM TBA, In Person Term Based; Kim Mansky ; 2 cr.

8022 Oral Neuroscience

(Student Option; Prereq: Dental specialist or oral research trainee or instr consent)

70207 001 LEC, In Person Term Based; David Bereiter ; 2 cr.

8024 Genetics and Human Disease

(Student Option; Prereq: Dental specialist or oral research trainee or instr consent)

53642 001 LEC, 10:10-11:00 Th, AHC ROOM TBA, 8:00-8:50 T, AHC ROOM TBA, In Person Term Based; Rajaram Gopalakrishnan ; 1 cr.

8030 Oral Biology Seminar

(S-N or Audit; Prereq: Dental specialist or oral research trainee or instr consent)

53563 001 LEC, 12:00-12:50 F, AHC ROOM TBA, In Person Term Based; Mark Herzberg ; 1 cr.

8093 Tutorial in Oral Biology

(S-N only; Prereq: instr consent)

53605 001 IND, In Person Term Based; 1-2 cr.

8094 Directed Research

(S-N or Audit; Prereq: instr consent)

53606 001 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

53583 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

53584 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

53585 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

53587 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

53588 001 IND, In Person Term Based; 1-24 cr.

Oral and Maxillofacial Surgery (OSUR)**5257 Ambulatory General Anesthesia for the Oral and Maxillofacial Surgeon**

(S-N only; Prereq: Participation in oral and maxillofacial surgery training program.)

53535 001 FWK, 00:00-00:00 , , In Person Term Based; James Swift ; 0-6 cr.

5276 Medicine Rotation for the Oral and Maxillofacial Surgeon

(S-N only; Prereq: Participation in oral and maxillofacial surgery training program.)

53534 001 FWK, 00:00-00:00 , , In Person Term Based; 0-6 cr.

8250 Oral and Maxillofacial Surgery Rotation for the Oral and Maxillofacial Surgeon

(S-N only; Prereq: Participation in oral and maxillofacial surgery training program)

53532 001 FWK, 00:00-00:00 , , In Person Term Based; Pamela Hughes ; 0-6 cr.

8251 Oral and Maxillofacial Surgery Core Curriculum

(S-N only; Prereq: Participation in oral and maxillofacial surgery training program)

53531 001 LEC, 13:25-15:30 Th, Moos Health Sci Tower 1-455, In Person Term Based; Pamela Hughes ; 0-2 cr.

8255 General Surgery Rotation for the Oral and Maxillofacial Surgeon

(S-N only; Prereq: Participation in oral and maxillofacial surgery training program)

53533 001 FWK, 00:00-00:00 , , In Person Term Based; Pamela Hughes ; 0-6 cr.

8256 Contemporary Anesthesia Literature Review

(S-N only; Prereq: Participation in oral and maxillofacial surgery training program)

53539 001 LEC, 8:00-9:00 M, Moos Health Sci Tower 1-460, In Person Term Based; Pamela Hughes ; 0-6 cr.

8260 Surgical Rounds for the Oral and Maxillofacial Surgeon

(S-N only; Prereq: Participation in oral and maxillofacial surgery training program)

53538 001 LEC, 6:30-7:30 T, Moos Health Sci Tower 1-460, In Person Term Based; Pamela Hughes ; 0-6 cr.

8262 Plastic Surgery Rotation for the Oral and Maxillofacial Surgeon

(S-N only; Prereq: Participation in oral and maxillofacial surgery training program)

53536 001 FWK, 00:00-00:00 , , In Person Term Based; Pamela Hughes ; 0-6 cr.

8267 Anesthesia Rotation for the Oral and Maxillofacial Surgeon

(S-N only; Prereq: Participation in oral and maxillofacial surgery training program)

53537 001 FWK, 00:00-00:00 , , In Person Term Based; Pamela Hughes ; 0-6 cr.

Org Leadership, Policy & Dev (OLPD)**1231 Technological Change and Workplace Learning: Past and Present**

(Student Option; HIS)

68039 001 LEC, 13:00-14:15 TTh, Wulling Hall 240, In Person Term Based; Jason Stahl ; 3 cr.

1302 Personal Leadership in the University

(A-F only;)

48044 001 LEC, 14:30-15:45 MW, Nicholson Hall 355, In Person Term Based; Crystal Lee ; 3 cr.
48223 002 LEC, 9:45-11:00 TTh, Wulling Hall 240, In Person Term Based; Finn Schneider ; 3 cr.
67512 003 LEC, 14:30-15:45 TTh, Nicholson Hall 120, In Person Term Based; Finn Schneider ; 3 cr.**1461 Presentations in Work Settings: Business & Marketing Education and Human Resource Development**

(A-F or Audit; CIV)

48611 001 LEC, 11:15-12:30 TTh, Blegen Hall 215, In Person Term Based; Heather Dorsey ; 3 cr.
48612 002 LEC, 13:00-14:15 TTh, Hubert H. Humphrey School 60, In Person Term Based; Heather Dorsey ; 3 cr.
48613 003 LEC, 9:45-11:00 MW, Wulling Hall 220, In Person Term Based; Heather Dorsey ; 3 cr.**1908W Reflections of Justice, Images of the Law in Literature, Film, and Popular Culture**

(A-F only; CIV,WI)

67632 001 LEC, 13:00-14:15 TTh, Elliott Hall N647, In Person Term Based; Gary Peter ; 3 cr.

2811 Societies of the Future: Changing Work Contexts

(A-F or Audit; TS)

48041 001 DIS, 9:45-11:00 MW, Bruininks Hall 412, In Person Term Based; Meg Fitzgerald-Sisk ; 3 cr.
48104 002 DIS, 13:00-14:15 TTh, Bruininks Hall 330, In Person Term Based; Meets With: 001 OLPD 2811H; Meg Fitzgerald-Sisk ; 3 cr.
48586 003 DIS, 16:40-19:20 W, Carlson School of Mgmt L-118, In Person Term Based; Jason Stahl ; 3 cr.

2811H Societies of the Future: Changing Work Contexts, Honors

(A-F only; Prereq: Honors studentTS)

48140 001 DIS, 13:00-14:15 TTh, Bruininks Hall 330, In Person Term Based; Meets With: 002 OLPD 2811; Meg Fitzgerald-Sisk ; 3 cr.

3202 Introduction to Strategies for Teaching Adults

(A-F or Audit; Prereq: Quality Matters certified)

47974 001 LEC, 16:40-19:20 M, Bruininks Hall 131A, Partially Online; Daniel Woldeab ; 3 cr.
48015 002 LEC, 11:15-12:30 TTh, Bruininks Hall 420B, Partially Online; Rosemarie Park ; 3 cr.

3305 Learning About Leadership Through Film and Literature

(Student Option;)

48380 001 LEC, 11:15-12:30 TTh, Bruininks Hall 530A, In Person Term Based; Rashne Jehangir ; 3 cr.

3310 Special Topics for Undergraduates

(Student Option;)

69061 001 LEC, 11:15-12:30 TTh, Appleby Hall 128, In Person Term Based; Sehoon Kim ; 1-3 cr.

3318 Introduction to Project Management

(Student Option;)

48045 001 DIS, 9:45-11:00 TTh, Bruininks Hall 131B, In Person Term Based; Meg Fitzgerald-Sisk ; 3 cr.
48222 002 DIS, 14:30-15:45 TTh, Bruininks Hall 420B, In Person Term Based; Meg Fitzgerald-Sisk ; 3 cr.
48454 003 DIS, 13:00-14:15 MW, Bruininks Hall 530A, In Person Term Based; Obafemi Ogunleye ; 3 cr.

3324W Writing in the Workplace for Education and Human Development Majors

(Student Option; Prereq: 60+ undergraduate credits, declared majorW)

48554 001 DIS, 9:05-11:00 WF, Peik Hall 315, In Person Term Based; Barbara Hodne ; 4 cr.
48555 002 DIS, 14:30-16:25 TTh, Burton Hall 125, In Person Term Based; Barbara Hodne ; 4 cr.
48587 003 DIS, 11:15-13:10 MW, Appleby Hall 226, In Person Term Based; Gary Peter ; 4 cr.

3380 Developing Intercultural Competence

(A-F or Audit;)

48402 001 DIS, 14:30-15:45 MW, Burton Hall 125, In Person Term Based; Theresa Heath ; 3 cr.

3401 Teaching Marketing Promotion

(A-F or Audit;)

48027 001 LEC, 9:45-11:00 TTh, Peik Hall 215, In Person Term Based; Sanghamitra Chaudhuri ; 3 cr.
48028 002 LEC, 13:00-14:15 TTh, Burton Hall 123, In Person Term Based; Sanghamitra Chaudhuri ; 3 cr.
48117 003 LEC, 16:40-19:20 W, Peik Hall 315, In Person Term Based; Sanghamitra Chaudhuri ; 3 cr.

3424 Sales Training

(A-F or Audit;)

48022 001 LEC, 16:40-19:20 T, Carlson School of Mgmt 1-147, In Person Term Based; Wayne Mueller ; 3 cr.
48023 002 LEC, 11:15-12:30 MW, Scott Hall 4, In Person Term Based; Minjung Kim ; 3 cr.
48118 003 LEC, 13:00-14:15 TTh, Peik Hall 315, In Person Term Based; Ginny Jacobs ; 3 cr.

3496 Profession and Practice of Business and Marketing Education

(A-F or Audit; Prereq: Undergrad student, BME major, OLPD 3318, OLPD 3401, OLPD 3424, and OLPD 4426 completed or in progress.)

48056 001 LEC, 9:05-11:00 W, Burton Hall 125, In Person Term Based; Jeremy Clark ; 2 cr.
48590 003 LEC, 9:05-11:00 F, Burton Hall 125, In Person Term Based; Anna Kaiper ; 2 cr.

3601 Introduction to Human Resource Development

(A-F or Audit;)

47565 001 LEC, 11:15-12:30 TTh, Bruininks Hall 412, In Person Term Based; Louis Quast ; 3 cr.

3620 Introduction to Training and Development

(A-F or Audit;)

47754 001 LEC, 16:40-19:20 M, Appleby Hall 226, In Person Term Based; Walter Novillo ; 3 cr.
48013 002 LEC, 9:45-11:00 TTh, Peik Hall 315, In Person Term Based; Pimsiri Aroonsri ; 3 cr.

3640 Introduction to Organization Development

(A-F or Audit;)

47755 001 LEC, 13:00-14:15 MW, Bruininks Hall 412, In Person Term Based; David Christesen ; 3 cr.

3696 Profession and Practice of Human Resource Development

(A-F or Audit; Prereq: Undergrad student, HRD major, 3 of following 4 courses need to be completed or in progress: 3202, 3601, 3620, 3640)

48455 002 LEC, 9:05-11:00 W, Peik Gymnasium G65, In Person Term Based; Sanghamitra Chaudhuri ; 2 cr.

3828 Diversity in the Workplace

(A-F or Audit;)

48040 001 DIS, 16:40-19:20 T, Bruininks Hall 512B, In Person Term Based; Joshua Collins ; 3 cr.

4401 E-Marketing

(A-F or Audit;)

48057 001 LEC, 16:40-19:20 Th, Bruininks Hall 131A, In Person Term Based; Walter Novillo ; 3 cr.

4420 Practicum in Nonprofit Organizations

(A-F or Audit;)

48456 001 LEC, 14:30-16:30 Th, Bruininks Hall 117, In Person Term Based; Walter Novillo ; 2 cr.

4426 Strategic Customer Relationship Management

(A-F or Audit;)

48024 001 LEC, 14:30-15:45 MW, Bruininks Hall 530A, In Person Term Based; Walter Novillo ; 3 cr.
48025 002 LEC, 11:15-12:30 TTh, Blegen Hall 140, In Person Term Based; Sarah Morris ; 3 cr.
48119 003 LEC, 16:40-19:20 Th, Burton Hall 125, In Person Term Based; Nicole Shopbell ; 3 cr.

4496 Applied Experience in Business & Marketing Education

(S-N only; Prereq: BME major, ugrd, [3496 or concurrent registration is required (or allowed) in 3496])

48043 001 FWK, Independent/Directed Study; Sarah Morris ; 1-4 cr.

4696 Internship: Human Resource Development

(S-N only;)

48030 001 FWK, Independent/Directed Study; Alexandra Willetts ; 1-4 cr.

5003 Borderland, Education Policy, Immigrant Experience

(Student Option;)

69491 001 DIS, 16:40-19:20 Th, Burton Hall 123, In Person Term Based; Marina Aleixo ; 3 cr.

5005 School and Society

(A-F or Audit; Prereq: Jr or sr or MEd/initial licensure student or CLA music ed major or preteaching major or instr consent)

47223 001 LEC, 16:40-18:50 M, Scott Hall 4, In Person Term Based; Tiffany Smith ; 2 cr.

5009 Human Relations: Applied Skills for School and Society

(A-F or Audit; Prereq: MEd/init lic or CLA music ed or preteaching or instr consent)

47227 001 LEC, 8:05-11:00 W, Burton Hall 120, In Person Term Based; Theresa Heath ; 1 cr.

5020 Cultures, Schools, and Communities (Human Relations)

(A-F only; Prereq: Enrolled in teacher initial licensure program)

48142 001 DIS, 16:40-19:40 W, Bruininks Hal 121, 16:40-19:40 W, Bruininks Hal 121, 16:40-19:40 W, Bruininks Hal 121, 16:40-19:40 W, Bruininks Hal 121, In Person Term Based; Tiffany Smith ; 1 cr.
48143 002 DIS, 16:40-19:40 W, Burton Hall 125, 16:40-19:40 W, Burton Hall 125, 16:40-19:40 W, Burton Hall 125, 16:40-19:40 W, Burton Hall 125, In Person Term Based; Bodunrin Banwo ; 1 cr.
48144 003 DIS, 16:40-19:40 W, Nicholson Hall 355, 16:40-19:40 W, Nicholson Hall 355, 16:40-19:40 W, Nicholson Hall 355, 16:40-19:40 W, Nicholson Hall 355, In Person Term Based; Alexandra Willetts ; 1 cr.
48145 004 DIS, 16:40-19:40 W, Burton Hall 123, 16:40-19:40 W, Burton Hall 123, 16:40-19:40 W, Burton Hall 123, 16:40-19:40 W, Burton Hall 123, In Person Term Based; Tiago Bittencourt ; 1 cr.
48146 005 DIS, 16:40-19:40 W, Bruininks Hall 119, 16:40-19:40 W, Bruininks Hall 119, 16:40-19:40 W, Bruininks Hall 119, In Person Term Based; Evan Wettengal ; 1 cr.
48147 006 DIS, 16:40-19:40 W, Bruininks Hall 123, 16:40-19:40 W, Bruininks Hall 123, 16:40-19:40 W, Bruininks Hall 123, 16:40-19:40 W, Bruininks Hall 123, In Person Term Based; Diana Melissa Ramos Vaesken ; 1 cr.
48148 007 DIS, 16:40-19:40 W, Bruininks Hall 117, 16:40-19:40 W, Bruininks Hall 117, 16:40-19:40 W, Bruininks Hall 117, In Person Term Based; Maria Schwedhelm ; 1 cr.
48174 012 LEC, 16:40-20:40 W, Bruininks Hall 230, 16:40-20:40 W, Bruininks Hall 119, 16:40-20:40 W, Bruininks Hall 121, 16:40-20:40 W, Bruininks Hall 117, 16:40-20:40 W, Bruininks Hall 123, 16:40-19:40 W, Bruininks Hall 230, 16:40-19:40 W, Bruininks Hall 119, 16:40-19:40 W, Bruininks Hall 121, 16:40-19:40 W, Bruininks Hall 123, 16:40-19:40 W, Bruininks Hall 117, 16:40-19:40 W, Bruininks Hall 119, 16:40-19:40 W, Bruininks Hall 123, 16:40-19:40 W, Bruininks Hall 117, 16:40-19:40 W, Bruininks Hall 119, 16:40-19:40 W, Bruininks Hall 121, 16:40-19:40 W, Bruininks Hall 230, 9:00-12:00 W, Room TBA, In Person Term Based; Peter Demerath ; 1 cr.

5033 Foundations of Individual/Organizational Career Development

(Student Option;)

67751 001 DIS, 16:40-19:20 T, Room TBA, In Person Term Based; Louis Quast ; 3 cr.

5041 Sociology of Education

(Student Option;)

67576 001 LEC, 16:40-19:20 Th, Folwell Hall 116, In Person Term Based; Karen Seashore ; 3 cr.

5044 Introduction to the Economics of Education

(Student Option;)

48500 001 LEC, 16:40-19:20 Th, Peik Hall 375, In Person Term Based; Nicola Alexander ; 3 cr.
65635 061 LEC, Completely Online; Gerald Fry ; 3 cr.

5061 Ethnographic Research Methods

(Student Option;)

68052 001 LEC, 16:40-19:20 W, Keller Hall 2-260, In Person Term Based; Roozbeh Shirazi ; 3 cr.

5080 Special Topics: Organizational Leadership, Policy, & Development

(Student Option;)

67609 001 LEC, 16:40-19:20 W, Bruininks Hall 512A, In Person Term Based; Michael Stebleton ; 1-3 cr.
67988 002 LEC, 16:40-19:20 T, Appleby Hall 303, In Person Term Based; Muhammad Khalifa ; 1-3 cr.
69514 003 LEC, 16:40-19:20 Th, Bruininks Hal 121, In Person Term Based; Christopher Johnstone ; 1-3 cr.

5087 MA Research Seminar

(S-N only;)

48421 002 LEC, 16:40-19:20 T, Peik Hall 335, In Person Term Based; Gary Peter ; 1-3 cr.

5095 Problems: Organizational Leadership, Policy, and Development

(Student Option;)

47803 002 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

5128 Anthropology of Education

(Student Option;)

65636 001 LEC, 13:25-16:05 Th, Blegen Hall 110, In Person Term Based; Meets With: 001 ANTH 5128; Peter Demerath ; 3 cr.

5201 Strategies for Teaching Adults

(A-F or Audit; Prereq: Grad student only)

(S-N or Audit; Prereq: EdPA PhD candidate)

47774 002 LEC, 9:00-11:00 F, Peik Hall 165, In Person Term Based; Frances Vavrus; 1-6 cr.

48225 004 LEC, 9:00-11:00 F, Wulling Hall 220, In Person Term Based; Joan Dejaeghere; 1-6 cr.

8314 Data Analysis for Educational Management

(Student Option;)

65823 001 LEC, 16:40-19:20 T, Burton Hall 125, In Person Term Based; Melissa Anderson; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

47437 001 IND, Independent/Directed Study; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

47443 001 IND, Independent/Directed Study; 1 cr.

8502 Program Evaluation Theory and Models: Qualitative and Quantitative Alternatives

(Student Option; Prereq: 5501 or EDPA 5501 or EPSY 5243)

65825 001 LEC, Completely Online; Stuart Yeh; 3 cr.

8596 Evaluation Internship

(Student Option; Prereq: [5501 or EDPA 5501 or EPSY 5243], instr consent)

47963 001 FWK, 16:30-18:00 W, Nicholson Hall 345, Partially Online; John LaVelle; 1-9 cr.

68008 002 FWK, 16:30-18:00 Th, Magrath Library 4, In Person Term Based; Melissa Haynes; 1-9 cr.

8602 Advanced Organization Development

(A-F or Audit;)

65836 001 LEC, 14:00-16:40 F, Appleby Hall 204, In Person Term Based; Alexandre Ardichvili; 3 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

47450 001 IND, Independent/Directed Study; 1-6 cr.

8702 Administration and Leadership in Higher Education

(Student Option; Prereq: [5001 or EDPA 5001], [5701 or EDPA 5701])

48054 001 DIS, 16:40-19:20 M, Burton Hall 123, In Person Term Based; David Weerts; 3 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

47460 001 IND, Independent/Directed Study; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

47467 001 IND, Independent/Directed Study; 1-24 cr.

Orthodontics (OTHO)

7103 Growth & Development

(A-F or Audit;)

53607 001 LEC, 00:00-00:00 , , In Person Term Based; 0-5 cr.

7113 Diagnosis & Treatment Planning

(A-F or Audit; Prereq: Admission to graduate orthodontic program.)

53608 001 LEC, 00:00-00:00 , , In Person Term Based; 0-5 cr.

7203 Clinical Orthodontics

(A-F or Audit; Prereq: Admission to graduate orthodontic program.)

53609 001 FWK, 00:00-00:00 , , In Person Term Based; John Beyer; 0-5 cr.

8123 Orthodontic Seminar

(A-F or Audit; Prereq: Orthodontic grad student)

53610 001 LEC, 00:00-00:00 , , In Person Term Based; Benjamin Pliska; 0-5 cr.

8133 Topics in Orthodontics

(A-F or Audit; Prereq: Orthodontic grad student)

53611 001 LEC, 00:00-00:00 , , In Person Term Based; Suzan Ekim; 0-5 cr.

8143 Research in Orthodontics

(A-F or Audit; Prereq: Orthodontic grad student)

53612 001 LEC, 00:00-00:00 , , In Person Term Based; 0-5 cr.

Orthopaedic Surgery (ORSU)

7180 Orthopaedics I

(H-N or Audit;)

58176 005 FWK, In Person Term Based; 3-6 cr.

58177 006 FWK, In Person Term Based; 3-6 cr.

7185 Externship in Orthopaedic Surgery

(H-N only;)

58934 001 ROT, In Person Term Based; 4-6 cr.

68503 002 ROT, In Person Term Based; ; 4-6 cr.

68504 003 ROT, In Person Term Based; ; 4-6 cr.

68505 004 ROT, In Person Term Based; ; 4-6 cr.

7186 Orthopaedic Surgery Research

(H-N only;)

58943 099 IND, In Person Term Based; 6-12 cr.

7188 Pediatric Orthopaedics

(H-N only;)

58964 001 ROT, In Person Term Based; 4 cr.

68506 002 ROT, In Person Term Based; ; 4 cr.

68507 003 ROT, In Person Term Based; ; 4 cr.

68508 004 ROT, In Person Term Based; ; 4 cr.

7190 General, Reconstructive and Geriatric Orthopaedics

(H-N only;)

58968 001 ROT, In Person Term Based; 4 cr.

68509 002 ROT, In Person Term Based; ; 4 cr.

68510 003 ROT, In Person Term Based; ; 4 cr.

68511 004 ROT, In Person Term Based; ; 4 cr.

7191 Orthopaedic Trauma Surgery

(H-N only;)

59755 001 ROT, In Person Term Based; 4 cr.

68512 002 ROT, In Person Term Based; ; 4 cr.

68513 003 ROT, In Person Term Based; ; 4 cr.

68514 004 ROT, In Person Term Based; ; 4 cr.

7192 Primary Care Orthopaedics

(H-N only;)

58973 001 ROT, In Person Term Based; 4 cr.

68515 002 ROT, In Person Term Based; ; 4 cr.

68516 003 ROT, In Person Term Based; ; 4 cr.

68517 004 ROT, In Person Term Based; ; 4 cr.

7200 Surgical Subspecialty Orthopaedics

(P-N only;)

58412 011 ROT, In Person Term Based; 2 cr.

68518 012 ROT, In Person Term Based; ; 2 cr.

68519 021 ROT, In Person Term Based; ; 2 cr.

68520 022 ROT, In Person Term Based; ; 2 cr.

68521 031 ROT, In Person Term Based; ; 2 cr.

68522 032 ROT, In Person Term Based; ; 2 cr.

68523 041 ROT, In Person Term Based; ; 2 cr.

68524 042 ROT, In Person Term Based; ; 2 cr.

Otolaryngology (OTOL)

5993 Directed Studies

(Student Option; Prereq: instr consent)

58243 001 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

58507 002 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

7200 Introduction to Otolaryngology

(P-N only;)

68525 012 ROT, In Person Term Based; 2 cr.

68526 021 ROT, In Person Term Based; 2 cr.

68527 022 ROT, In Person Term Based; 2 cr.

68528 031 ROT, In Person Term Based; 2 cr.

68529 032 ROT, In Person Term Based; 2 cr.

68530 041 ROT, In Person Term Based; 2 cr.

68531 042 ROT, In Person Term Based; 2 cr.

7501 Otolaryngology Acting Internship

(H-N only;)

68532 002 ROT, In Person Term Based; 4 cr.

68533 003 ROT, In Person Term Based; 4 cr.

68534 004 ROT, In Person Term Based; 4 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

58285 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

58294 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

58307 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

58319 001 IND, In Person Term Based; 1-24 cr.

Pathology (PATH)

7865 Departmental Seminar

(H-N or Audit;)

58358 001 LEC, In Person Term Based; 1 cr.

Pediatric Dentistry (PDEN)

7000 Directed Research in Pediatric Dentistry

(S-N or Audit;)

53649 001 IND, 00:00-00:00 , , In Person Term Based;

Soraya Beiraghi, Jeff Karp, Robert Jones; 1 cr.

7010 Fundamentals of Pediatric Dentistry

(A-F only;)

53591 001 LEC, 00:00-00:00 , , In Person Term Based;

Soraya Beiraghi, Ronald Grothe; 0-2 cr.

7100 Advanced Clinical Pediatric Dentistry

(S-N or Audit;)

53573 001 FWK, 00:00-00:00 , , In Person Term Based;

Soraya Beiraghi, Ronald Grothe, Jeff Karp; 1-6 cr.

8010 Pediatric Dentistry Diagnosis and Treatment Planning

(S-N only;)

53576 001 LEC, 00:00-00:00 , , In Person Term Based;

Soraya Beiraghi, Ronald Grothe; 1 cr.

8031 Independent Study in Pediatric Dentistry

(S-N only;)

53589 001 DIS, 00:00-00:00 , , In Person Term Based;

Soraya Beiraghi, Ronald Grothe; 2 cr.

8100 Hospital Pediatric Dentistry

(S-N or Audit;)

53574 001 FWK, 00:00-00:00 , , In Person Term Based;

Ronald Grothe, Soraya Beiraghi; 1 cr.

53656 003 FWK, 00:00-00:00 , , In Person Term Based;

Ronald Grothe; 1 cr.

8110 Pediatric Dentistry Outreach Experiences

(S-N or Audit;)

53575 001 FWK, 00:00-00:00 , , In Person Term Based;

Ronald Grothe, Soraya Beiraghi; 1 cr.

Pediatrics (PED)

7501 Pediatric Externship

(H-N only;)

58374 001 ROT, In Person Term Based; 4 cr.

68535 002 ROT, In Person Term Based; ; 4 cr.

68536 003 ROT, In Person Term Based; ; 4 cr.
68537 004 ROT, In Person Term Based; ; 4 cr.

7512 Pedicatric Acting Internship

(H-N or Audit; Prereq: 7501)
58375 001 FWK, 00:00-00:00 , , In Person Term Based; 2-6 cr.

7531 Pediatrics-Psychology Internship

(No Grade Associated;)
58352 001 ROT, 00:00-00:00 , , In Person Term Based;
William Robiner; 12 cr.

7533 Clinical Allergy at Fairview-University Medical Center

(H-N or Audit;)
58413 001 FWK, 00:00-00:00 , , In Person Term Based; 3-6 cr.

7534 Pediatric Cardiology

(H-N only;)
58367 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68538 002 ROT, In Person Term Based; ; 4 cr.
68539 003 ROT, In Person Term Based; ; 4 cr.
68540 004 ROT, In Person Term Based; ; 4 cr.

7535 Pediatric Infectious Disease

(H-N only; Prereq: Med Student Yr 3 or 4/PED 7501 or equivalent courses/one other pediatric elective)
58376 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68541 002 ROT, In Person Term Based; ; 4 cr.
68542 003 ROT, In Person Term Based; ; 4 cr.
68543 004 ROT, In Person Term Based; ; 4 cr.

7536 Pediatric Hematology/Oncology/Bone Marrow Transplantation

(H-N only;)
58377 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68544 002 ROT, In Person Term Based; ; 4 cr.
68545 003 ROT, In Person Term Based; ; 4 cr.
68546 004 ROT, In Person Term Based; ; 4 cr.

7537 Pediatric Endocrinology & Diabetes

(H-N only;)
58369 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68547 002 ROT, In Person Term Based; ; 4 cr.
68548 003 ROT, In Person Term Based; ; 4 cr.
68549 004 ROT, In Person Term Based; ; 4 cr.

7538 Pediatric Gastroenterology and Nutrition

(H-N only;)
58378 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68550 002 ROT, In Person Term Based; ; 4 cr.
68551 003 ROT, In Person Term Based; ; 4 cr.
68552 004 ROT, In Person Term Based; ; 4 cr.

7539 Neonatal Medicine Externship

(H-N only;)
58407 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68553 002 ROT, In Person Term Based; ; 4 cr.
68554 003 ROT, In Person Term Based; ; 4 cr.
68555 004 ROT, In Person Term Based; ; 4 cr.

7540 Pediatric Neurology

(H-N or Audit;)
58599 001 FWK, In Person Term Based; 4 cr.

7543 Pediatric Nephrology

(H-N only;)
58379 011 ROT, 00:00-00:00 , , In Person Term Based; 2 cr.
68557 012 ROT, In Person Term Based; ; 2 cr.
68558 021 ROT, In Person Term Based; ; 2 cr.
68559 022 ROT, In Person Term Based; ; 2 cr.
68560 031 ROT, In Person Term Based; ; 2 cr.
68561 032 ROT, In Person Term Based; ; 2 cr.
68562 041 ROT, In Person Term Based; ; 2 cr.
68563 042 ROT, In Person Term Based; ; 2 cr.

7544 Pediatric Pulmonary Disease

(H-N only;)
58390 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68564 002 ROT, In Person Term Based; ; 4 cr.
68565 003 ROT, In Person Term Based; ; 4 cr.
68566 004 ROT, In Person Term Based; ; 4 cr.

7548 Clinical Genetics

(H-N only;)
58380 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68567 002 ROT, In Person Term Based; ; 4 cr.
68568 003 ROT, In Person Term Based; ; 4 cr.
68569 004 ROT, In Person Term Based; ; 4 cr.

7553 Adolescent Medicine

(H-N only;)
58381 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68570 002 ROT, In Person Term Based; ; 4 cr.
68571 003 ROT, In Person Term Based; ; 4 cr.
68572 004 ROT, In Person Term Based; ; 4 cr.

7555 Neonatal Clerkship - Marshfield, WI

(H-N or Audit; Prereq: 7512,enrolled yr 4 med)
58600 001 ROT, In Person Term Based; 4 cr.

7556 Pedicatricks Clerkship - Marshfield, WI

(H-N or Audit; Prereq: 7501,enrolled yr 4 med)
58601 001 ROT, In Person Term Based; 4 cr.

7559 Pediatric Critical Care Medicine

(H-N only;)
58382 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68573 002 ROT, In Person Term Based; ; 4 cr.
68574 003 ROT, In Person Term Based; ; 4 cr.

7560 Pediatric Research

(H-N only;)
58269 099 IND, 00:00-00:00 , , In Person Term Based; 2-8 cr.

7583 Fundamentals of Clinical Oncology

(H-N or Audit; Prereq: Med 7500 or 7501)
58452 001 FWK, In Person Term Based; 4 cr.

7700 Primary Care Selective - Pediatrics

(P-N only;)
58771 001 ROT, In Person Term Based; Meets With: 001 MED 7700001 MED 7701002 FMCH 7700; 4 cr.
68575 002 ROT, In Person Term Based; ; 4 cr.
68576 003 ROT, In Person Term Based; ; 4 cr.
68577 004 ROT, In Person Term Based; ; 4 cr.

Performance of Veterinary Serv (PVS)**5990 Veterinary Public Practice Seminar**

(S-N only;)
67611 001 DIS, 9:00- 9:50 F , , In Person Term Based;
Timothy Goldsmith, Larissa Minicucci, Fernando Sampedro Parra; 0.5 cr.

5998 Leadership to Address Global Grand Challenges

(Student Option No Audit;)
67761 001 LEC, 8:00-17:00 MTWThF, Hubert H. Humphrey School 35, In Person Term Based; Meets With: 001 PA 5152; Fernando Sampedro Parra, Will Hueston ; 1.5 cr.

Periodontics (PERO)**5123 Practice Management Externship**

(Student Option; Prereq: Resident in advanced education program in periodontology)
53590 001 LEC, 00:00-00:00 , , In Person Term Based; 1 cr.

7321 Periodontics/Orthodontics Seminar

(S-N only;)
53604 001 LEC, 12:00-13:00 M, No Room Required, In Person Term Based; 1 cr.

7322 Multidisciplinary Treatment Seminar in Dentistry Related to Periodontics

(S-N or Audit; Prereq: Resident enrolled in [periodontology, endodontics, pediatric dentistry, AEGD/GPR, prosthodontics])
53640 001 LEC, In Person Term Based; 1 cr.

8000 Advanced Clinical Periodontology

(A-F or Audit; Prereq: Resident in advanced education program in periodontology)
53577 001 FWK, In Person Term Based; 1-3 cr.

8200 Clinical Seminars

(Student Option; Prereq: Resident in advanced education program in periodontology)
53578 001 LEC, 9:00- 9:50 M, Moos Health Sci Tower 7-594, In Person Term Based; 1 cr.

8250 Anatomy of the Periodontium

(A-F or Audit; Prereq: Resident in advanced education program in periodontology)
53621 001 LEC, In Person Term Based; 1 cr.

Pharmaceutics (PHM)**8100 Seminar: Pharmaceutics**

(S-N or Audit; Prereq: Grad Phm major)
60245 001 LEC, 15:00-16:15 T, Moos Health Sci Tower 5-125, In Person Term Based; Meets With: 001 PHAR 6260; Jayanth Panyam; 1 cr.
60245 001 LEC, 15:00-16:15 T, Moos Health Sci Tower 5-125, In Person Term Based; Meets With: 001 PHAR 6260; Jayanth Panyam; 1 cr.

8110 Readings in Pharmaceutics

(S-N or Audit; Prereq: Grad Phm major)
60247 001 LEC, 00:00-00:00 , , In Person Term Based; Jayanth Panyam; 1 cr.

8150 Pharmacokinetics Research Seminar

(S-N or Audit; Prereq: Grad Phm major)
60283 001 LEC, 16:00-17:00 W, AHC ROOM TBA, In Person Term Based; Meets With: 001 PHAR 6223; William Elmquist, Richard Brundage, Ronald Sawchuk; 1 cr.

8295 Research Problems in Pharmaceutics

(S-N or Audit; Prereq: instr consent)
60267 001 IND, 00:00-00:00 , , In Person Term Based; Calvin Sun; 1-12 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
60327 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8421 Advanced Pharmacokinetics

(A-F or Audit;)
68253 001 LEC, 16:00-18:00 TTh, Moos Health Sci Tower 1-430, In Person Term Based; William Elmquist; 4 cr.

8431 Controlled Drug and Gene Delivery: Materials, Mechanisms, and Models

(A-F or Audit; Prereq: Differential equations course including introduction to partial differential equations or instr consent)
68254 001 LEC, 15:30-17:30 WTh, Weaver-Densford Hall 9-105, In Person Term Based; Meets With: 001 BMEN 8431; Ronald Siegel, Jayanth Panyam; 4 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
60259 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
60261 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
60328 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
60266 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

Pharmacology (PHCL)**3100 Pharmacology for Pre-Med and Life Science Students**

(A-F or Audit; Prereq: College-level biology, biochemistry or physiology recommended)
58463 001 LEC, 13:25-15:20 W, Mayo Bldg & Additions 3-100, In Person Term Based; Li-Na Wei; 2 cr.

4001 Mechanisms of Drug Action

(A-F or Audit; Prereq: Upper div or instr consent; [prev or concurrent] courses in [biology, biochemistry] recommended)
58687 001 LEC, 9:05- 9:55 TTh, Moos Health Sci Tower 2-520, In Person Term Based; Gregory Connell, Daniel Romero; 2 cr.

4003 Anti-infective drugs: Drugs that kill invaders

(A-F or Audit; Prereq: College-level biology)
58652 001 LEC, 10:10-11:00 MW, Mayo Bldg & Additions
3-125, In Person Term Based; Hiroshi Hiasa ; 2 cr.

4100 Laboratory in Molecular Pharmacology

(A-F only; Prereq: [2001 or 4001], 3100, [BioC 3021 or BioC 4331], [BioC 4025, BioC 4125 recommended])
58686 001 LAB, 13:25-16:50 Th, Jackson Hall 3-165, In
Person Term Based; Daniel Romero ; 2 cr.
69386 002 LAB, 13:25-16:50 T, Jackson Hall 3-165, In
Person Term Based; Daniel Romero ; 2 cr.

4993 Directed Studies

(S-N only; Prereq: instr consent, dept consent)
58653 001 IND, 00:00-00:00 , , Independent/Directed Study;
Hiroshi Hiasa ; 1-3 cr.

4994 Directed Research

(S-N only; Prereq: instr consent, dept consent)
58654 001 IND, 00:00-00:00 , , Independent/Directed Study;
Hiroshi Hiasa ; 1-3 cr.

5102 Pharmacology for Pharmacy Students II

(A-F only; Prereq: 5101 or instr consent)
58264 001 LEC, 9:05-9:55 WF, Mayo Bldg & Additions
3-125, In Person Term Based; Earl Dunham ; 2 cr.

5109 Problems in Pharmacology

(Student Option; Prereq: Upper div or grad student or
instr consent)
58265 001 IND, 00:00-00:00 , , In Person Term Based; Colin
Campbell ; 1-18 cr.

5111 Pharmacogenomics

(A-F or Audit; Prereq: Grad student or instr consent)
58350 001 LEC, 15:30-17:30 W, Moos Health Sci Tower
1-430, 12:00-13:00 M, Moos Health Sci Tower 1-430, In
Person Term Based; Colin Campbell ; 3 cr.

5462 Neuroscience Principles of Drug Abuse

(Student Option; Prereq: instr consent)
58655 001 LEC, In Person Term Based; Meets With: 001
NSC 5462; 2 cr.

8014 Small RNA Biology

(A-F or Audit; Prereq: BIOC 8002 or MICA 8004 or equiv
or instr consent)
58647 001 LEC, In Person Term Based; Meets With: 001
NSC 8014001 MICA 8014; 2 cr.

8100 Laboratory Research in Pharmacology

(S-N only; Prereq: Grad student or instr consent)
58662 001 LAB, 00:00-00:00 , , Independent/Directed Study;
Jonathan Marchant, Jill Siegfried ; 4 cr.

8209 Substance Abuse at the Bedside

(S-N only; Prereq: Grad student in any basic-science
program)
58591 001 FWK, 8:00-11:30 T, Moos Health Sci Tower
1-460, In Person Term Based; Gavin Bart ; 1 cr.
58592 002 FWK, 8:00-11:30 T, No Room Required, In
Person Term Based; Gavin Bart, Sabita Roy ; 1 cr.

8211 Advanced Medical Pharmacology I

(A-F only; Prereq: 5110, [grad student or instr
consent])
58676 001 LEC, 9:00-12:00 T, Moos Health Sci Tower 2-116,
In Person Term Based; Colin Campbell ; 5 cr.

8320 Readings in Neurobiology

(Student Option; Prereq: instr consent)
58565 001 DIS, 14:30-15:30 Th, Moos Health Sci Tower
2-520, In Person Term Based; Meets With: 005 NSC 8320;
Carolyn Fairbanks ; 1-4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)
58276 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student,
adviser and DGS consent)
58286 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who
has not passed prelim oral; no required consent for
1st/2nd registrations, up to 12 combined cr; dept
consent for 3rd/4th registrations, up to 24 combined
cr; doctoral student admitted before summer 2007 may
register up to four times, up to 60 combined cr)
58295 001 IND, 00:00-00:00 , , In Person Term Based; 1-6
cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester
or summer; 10 cr total required [Plan A only])
58308 001 IND, 00:00-00:00 , , In Person Term Based; 1-18
cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester
or summer; 24 cr required)
58320 001 IND, 00:00-00:00 , , In Person Term Based; 1-24
cr.

Pharmacy (PHAR)**1001 Orientation to Pharmacy**

(Student Option;)
60243 001 IND, 00:00-00:00 , ONLINE, Completely Online;
Kristyn Williamson ; 2 cr.

1002 Medical Terminology

(Student Option;)
60241 001 IND, 00:00-00:00 , ONLINE, Completely Online;
Jody Lounsbery ; 2 cr.

1003 Non-Prescription Medications and Self-Care: Treating Minor Conditions

(Student Option;)
60280 001 IND, 00:00-00:00 , ONLINE, Completely Online;
Anna Milone ; 2 cr.

1004 Common Prescription Drugs and Diseases

(Student Option;)
60289 001 IND, 00:00-00:00 , ONLINE, Completely Online;
Kristyn Williamson ; 2 cr.

3601 Basic Human Physiology for the Health Professions

(Student Option; Prereq: Anatomy required. Medical
terminology recommended.)
60346 001 IND, 00:00-00:00 , ONLINE, Completely Online;
Angela Cortese ; 3 cr.

3700 Fundamentals of Pharmacotherapy

(A-F or Audit; Prereq: Medical terminology
recommended)
60297 001 IND, 00:00-00:00 , ONLINE, Completely Online;
Anna Milone ; 3 cr.

3800 Pharmacotherapy for the Health Professions

(A-F only; Prereq: Anatomy and physiology)
60282 001 IND, 00:00-00:00 , ONLINE, Completely Online;
Kristyn Williamson ; 3 cr.
60288 002 IND, 00:00-00:00 , ONLINE, Completely Online;
Kristyn Williamson ; 3 cr.

4200W Drugs and the U.S. Healthcare System

(Student Option; CIV,WI)
60295 001 IND, 00:00-00:00 , ONLINE, Completely Online;
Anna Milone ; 3 cr.

4248 Drugs of Abuse

(S-N only;)
69810 001 LEC, 15:35-17:30 M, Weaver-Densford Hall
7-135, In Person Term Based; Meets With: 001 PHAR
6908; David Ferguson ; 2 cr.

4293 Directed Research I for Undergraduates

(Student Option; Prereq: undergrad, instr consent)
60330 001 IND, In Person Term Based; 1-5 cr.

4294 Directed Study I for Undergraduates

(Student Option; Prereq: Undergrad, instr consent)
60331 001 IND, In Person Term Based; 1-5 cr.
69773 002 IND, In Person Term Based; Anna Milone ; 1-5 cr.

70008 003 IND, 11:15-12:30 Th, Room TBA, In Person Term
Based; Reena Kartha ; 1-5 cr.

5200 Drugs and the U.S. Health Care System

(Student Option;)
60293 001 IND, 00:00-00:00 , ONLINE, Completely Online;
Anna Milone ; 3 cr.

5201 Applied Medical Terminology

(Student Option; Prereq: basic knowledge of human
anatomy/physiology Credit will not be granted if credit
has been received for: PHAR 1002)
60242 001 IND, 00:00-00:00 , ONLINE, Completely Online;
Jody Lounsbery ; 2 cr.

5205 Obesity: Issues, Interventions, Innovations

(Student Option; Prereq: Second or third year
pharmacy student, or student enrolled in a graduate
science or health-related program. Biochemistry and
physiology suggested.)
60311 001 IND, 00:00-00:00 , ONLINE, Completely Online;
Anna Milone ; 2 cr.

5700 Applied Fundamentals of Pharmacotherapy

(A-F only; Prereq: Medical terminology recommended
Credit will not be granted if credit has been received
for PHAR 3700.)
60294 001 IND, 00:00-00:00 , ONLINE, Completely Online;
Anna Milone ; 3 cr.

6150 CoP Honors: Medicinal Chemistry Seminar

(A-F only; Prereq: instr consent)
60255 001 LEC, 15:30-17:00 T, Moos Health Sci Tower
1-451, In Person Term Based; Meets With: 001 MEDC
8100; Carrie Haskell-Luevano ; 1 cr.

6160 CoP Honors: Experimental and Clinical Pharmacology Seminar

(A-F only; Prereq: instr consent)
60292 001 LEC, 12:20-13:10 W, Moos Health Sci Tower
1-451, 12:20-13:10 W, Moos Health Sci Tower 1-451,
12:20-13:10 W, Moos Health Sci Tower 1-451, In Person
Term Based; Meets With: 001 ECP 8100; Swayam
Prabha, ; 1 cr.

6203 College of Pharmacy Community Outreach

(A-F only; Prereq: Current student pharmacist in
College of Pharmacy)
60326 001 IND, Independent/Directed Study; Tom Larson ;
1-3 cr.

6219 Building a Pharmaceutical Care Practice

(A-F only; Prereq: 2nd or 3rd year pharmacy student)
60291 001 LEC, 15:35-17:30 W, Weaver-Densford Hall
W7-193, 15:35-17:30 W, Weaver-Densford Hall W7-193,
In Person Term Based; Amanda Brummel, Keri Hager ; 2
cr.

6220 Pediatric Drug Therapy

(A-F only;)
60256 001 LEC, 8:00-9:55 T, Moos Health Sci Tower 1-451,
In Person Term Based; Paul Jensen, Jacob Brown ; 2 cr.

6222 Advanced Pharmaceutical Compounding

(A-F only; Prereq: 2nd or 3rd year pharmacy student)
60250 001 LEC, 16:40-19:40 M, Weaver-Densford Hall
3-150, In Person Term Based; Landen Sanderson ; 2 cr.

6223 Pharmacokinetics Research Seminar

(A-F or Audit; Prereq: 6163 with grade of "B" or better)
60278 001 LEC, 16:00-17:00 W, AHC ROOM TBA, In Person
Term Based; Meets With: 001 PHM 8150; William Elmquist,
Richard Brundage, Ronald Sawchuk ; 1 cr.

6224 Pharmacogenomics: Genetic Basis for Variability in Drug Response

(A-F only; Prereq: At least 3rd year or later in
healthcare or related program or equivalent experience
or instr consent)
60308 001 LEC, 13:25-15:20 T, Moos Health Sci Tower
1-451, In Person Term Based; Pamala Jacobson ; 2 cr.

6226 Interprofessional Diabetes Experience

(A-F only; Prereq: 2nd year or later pharmacy student)

60324 001 LEC, 15:35-17:30 W, Weaver-Densford Hall 7-135, In Person Term Based; Meets With: 001 NURS 5011; Sarah Westberg, Melissa Avery ; 2 cr.

6231 Community Pharmacy Management

(A-F only;)

60233 001 LEC, 10:10-12:05 Th, Moos Health Sci Tower 1-451, In Person Term Based; Oscar Garza ; 2 cr.

6232 Health System Pharmacy Management

(A-F only; Prereq: 2nd or 3rd yr pharmacy student)

60285 001 LEC, 15:35-17:30 Th, Moos Health Sci Tower 1-451, 15:35-17:30 Th, Moos Health Sci Tower 1-451, In Person Term Based; Christene Jolowsky, John Pastor III ; 2 cr.

6250 CoP Honors: Social and Administrative Pharmacy Seminar

(A-F or Audit; Prereq: instr consent)

60253 001 LEC, 15:30-17:00 Th, Weaver-Densford Hall W7-193, In Person Term Based; Meets With: 001 SAPH 8100; Jon Schommer ; 1 cr.

6260 CoP Honors: Pharmaceutics Seminar

(A-F or Audit; Prereq: instr consent)

60248 001 LEC, 15:00-16:15 T, Moos Health Sci Tower 5-125, In Person Term Based; Meets With: 001 PHM 8100; Jayanth Panyam ; 1 cr.
60248 001 LEC, 15:00-16:15 T, Moos Health Sci Tower 5-125, In Person Term Based; Meets With: 001 PHM 8100; Jayanth Panyam ; 1 cr.

6294 Directed Study I

(Student Option;)

60366 001 IND, 15:35-17:30 Th, Moos Health Sci Tower 5-125, 15:35-17:30 Th, Moos Health Sci Tower 5-125, In Person Term Based; Dan Berkner ; 1-5 cr.

6301 Veterinary Pharmacotherapy

(A-F only; Prereq: 3rd year pharmacy student)

60322 001 LEC, Completely Online; Ann Philbrick ; 2 cr.

6394 Directed Study II

(A-F or Audit;)

69564 002 IND, 12:20-13:10 T, Weaver-Densford Hall 7-135, In Person Term Based; Amy Pittenger ; 1-5 cr.
69566 003 IND, In Person Term Based; Melanie Nicol ; 1-5 cr.

69613 004 IND, In Person Term Based; Olihe Okoro, Oscar Garza ; 1-5 cr.

69768 005 IND, In Person Term Based; Melanie Nicol ; 1-5 cr.

70003 006 IND, In Person Term Based; Randall Seifert ; 1-5 cr.

70156 007 IND, 15:35-17:30 M, Weaver-Densford Hall W7-193, In Person Term Based; Oscar Garza ; 1-5 cr.

6494 Directed Study III

(S-N only;)

69616 002 IND, In Person Term Based; Kristin Janke, Michele Rae ; 1-5 cr.

70027 003 IND, 12:20-13:10 M, Room TBA, In Person Term Based; Rory Rimmel ; 1-5 cr.

6701 CoP Community Outreach

(No Grade Associated;)

60376 001 FWK, In Person Term Based; Tom Larson, Tim Stratton ; 0 cr.

6716 Applied Pharmaceutical Care

(A-F only; Prereq: Successful completion of Becoming a Pharmacist)

60332 001 DIS, 10:10-12:05 M, Weaver-Densford Hall 7-135, 10:10-12:05 W, Moos Health Sci Tower 1-451, 8:00- 8:50 F, Weaver-Densford Hall 7-135, 10:10-12:05 W, Moos Health Sci Tower 1-451, 10:10-12:05 W, Moos Health Sci Tower 1-451, 8:00- 8:50 F, Weaver-Densford Hall 7-135, In Person Term Based; Tom Larson, Laura Palombi, ; 3.2 cr.

6718 Drug Delivery II

(A-F only; Prereq: Successful completion of Drug Delivery I)

60333 001 LEC, 14:30-15:20 M, Weaver-Densford Hall 7-135, 9:05- 9:55 W, Moos Health Sci Tower 1-451, 9:05- 9:55 F, Moos Health Sci Tower 1-451, 9:05- 9:55 W, Moos Health Sci Tower 1-451, 9:05- 9:55 W, Moos Health Sci Tower 1-451, 9:05- 9:55 F, Moos Health Sci Tower 1-451, In Person Term Based; Raj Suryanarayanan, Joseph Johnson, ; 2.4 cr.

6720 Pharmaceutical Care Skills Lab II

(A-F only; Prereq: Successful completion of Pharmaceutical Care Skills Lab I)

60334 001 LEC, 8:00- 9:55 T, Weaver-Densford Hall 7-135, 8:00- 9:55 T, Weaver-Densford Hall 7-135, In Person Term Based; Jennifer Chen, Karen Bastianelli, ; 2 cr.

60335 002 LAB, 8:00- 9:55 Th, Weaver-Densford Hall 3-150, 8:00- 9:55 Th, Weaver-Densford Hall 3-150, In Person Term Based; Karen Bastianelli, Jennifer Chen, ; 2 cr.

60336 003 LAB, 10:10-12:05 Th, Weaver-Densford Hall 3-150, 10:10-12:05 Th, Weaver-Densford Hall 3-150, In Person Term Based; Karen Bastianelli, Jennifer Chen, ; 2 cr.

60337 004 LAB, 13:25-15:20 Th, Weaver-Densford Hall 3-150, 13:25-15:20 Th, Weaver-Densford Hall 3-150, In Person Term Based; Karen Bastianelli, Jennifer Chen, ; 2 cr.

60338 005 LAB, 15:35-17:30 Th, Weaver-Densford Hall 3-150, 15:35-17:30 Th, Weaver-Densford Hall 3-150, In Person Term Based; Karen Bastianelli, Jennifer Chen, ; 2 cr.

60339 001 LEC, 10:10-11:00 T, Weaver-Densford Hall 7-135, 13:25-14:15 W, Moos Health Sci Tower 1-451, 10:10-11:00 F, Moos Health Sci Tower 1-451, 10:10-11:00 T, Weaver-Densford Hall 7-135, 13:25-14:15 W, Moos Health Sci Tower 1-451, 13:25-14:15 W, Moos Health Sci Tower 1-451, 10:10-11:00 F, Moos Health Sci Tower 1-451, In Person Term Based; Venkatram Merreddy, Natalia Tretyakova, ; 2.1 cr.

6722 Principles of Medicinal Chemistry

(A-F only; Prereq: Successful completion of Integrated Biochemical Sciences)

60339 001 LEC, 10:10-11:00 T, Weaver-Densford Hall 7-135, 13:25-14:15 W, Moos Health Sci Tower 1-451, 10:10-11:00 F, Moos Health Sci Tower 1-451, 10:10-11:00 T, Weaver-Densford Hall 7-135, 13:25-14:15 W, Moos Health Sci Tower 1-451, 13:25-14:15 W, Moos Health Sci Tower 1-451, 10:10-11:00 F, Moos Health Sci Tower 1-451, In Person Term Based; Venkatram Merreddy, Natalia Tretyakova, ; 2.1 cr.

6724 Immune System and Infectious Disease

(A-F only; Prereq: Successful completion of Integrated Biochemical Sciences)

60340 001 LEC, 13:25-14:15 M, Weaver-Densford Hall 7-135, 15:35-16:25 W, Moos Health Sci Tower 1-451, 13:25-14:15 F, Moos Health Sci Tower 1-451, 15:35-16:25 W, Moos Health Sci Tower 1-451, 13:25-14:15 W, Moos Health Sci Tower 1-451, 13:25-14:15 F, Moos Health Sci Tower 1-451, In Person Term Based; Grant Anderson, Carston Wagner, ; 3.1 cr.

60340 001 LEC, 13:25-14:15 M, Weaver-Densford Hall 7-135, 15:35-16:25 W, Moos Health Sci Tower 1-451, 13:25-14:15 F, Moos Health Sci Tower 1-451, 15:35-16:25 W, Moos Health Sci Tower 1-451, 13:25-14:15 W, Moos Health Sci Tower 1-451, 13:25-14:15 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60341 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 14:30-15:20 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

60360 003 LAB, 15:35-17:30 T, Weaver-Densford Hall 3-150, In Person Term Based; Nichole Rupnow, Jared Van Hooser ; 2 cr.

60361 004 LAB, 8:00- 9:55 T, Weaver-Densford Hall 3-150, In Person Term Based; Nichole Rupnow, Jared Van Hooser ; 2 cr.

60362 005 LAB, 10:10-12:05 T, Weaver-Densford Hall 3-150, In Person Term Based; Nichole Rupnow, Jared Van Hooser ; 2 cr.

6752 Integrated Endocrinology

(A-F only; Prereq: Students will need to have successfully completed: - Cellular Metabolism/ Nutrition, - Cardiovascular Pharmacotherapy - Pharmaceutical Care Skills Labs 1-3. Students should be concurrently enrolled in Kidney, Fluids, and Electrolytes, and Diabetes and Metabolic Syndrome. Students should be able to describe the function of the overall endocrine systems and the multiple roles of hormones in the body.)

60351 001 LEC, 8:00- 9:55 W, Weaver-Densford Hall 7-135, 8:00- 9:55 Th, Weaver-Densford Hall 7-135, 8:00- 9:55 F, Moos Health Sci Tower 1-450, 8:00- 9:55 W, Weaver-Densford Hall 7-135, 8:00- 9:55 Th, Weaver-Densford Hall 7-135, In Person Term Based; Sarah Westberg, Grant Anderson, ; 2.1 cr.

6754 Diabetes and Metabolic Syndrome

(A-F only; Prereq: Students will need to have successfully completed: Molecular Metabolism/ Nutrition, Cardiovascular Pharmacotherapy concurrent registration is required (or allowed) in Pharmaceutical Care Skills Lab 1-3. Students should be able to describe the physiology of insulin action, incretin hormones, amylin, and the fasting and fed states. Students should be able to describe how insulin is designed and manufactured. Students should be able to describe the following biochemistry topics: carbohydrate metabolism and lipid metabolism, and protein. Students should be able to assess a patient and determine

60355 001 DIS, 9:05-11:00 F, Weaver-Densford Hall 7-135, 9:05-11:00 F, Weaver-Densford Hall 7-135, In Person Term Based; Jeannine Conway, Mark Schneiderhan, ; 2.5 cr.

6784 Integrated Oncology

(A-F only; Prereq: PD3 in good academic standing, students will find it helpful to review the following topic areas: Principles of Biochemistry [Lipids [Structure/Function], Proteins [Folding/Conformation]], Cellular Physiology Molecular Biology, Genetics [Cell Biology [signal transduction, DNA replication, transcription, protein translation, cell cycle, apoptosis], Immunology, Tumorigenesis, Angiogenesis, Genetics principles, Anatomy/Physiology [GI tract, pulmonary, hormone and feedback regulation]])

60356 001 LEC, 9:05-11:00 W, Moos Health Sci Tower 1-450, 11:15-12:05 M, Moos Health Sci Tower 1-450, In Person Term Based; Mark Kirstein, Venkatram Mereddy, ; 2.8 cr.

6786 Acute Patient Care Pharmacotherapy

(A-F only; Prereq: successful completion of all 1st year, 2nd year, and fall 3rd year coursework)

60347 001 LEC, 13:25-15:20 M, Moos Health Sci Tower 1-450, 13:25-15:20 W, Weaver-Densford Hall 7-135, 13:25-15:20 F, Weaver-Densford Hall 7-135, 13:25-15:20 F, Weaver-Densford Hall 7-135, In Person Term Based; Scott Chapman, Heather Blue, ; 3.4 cr.

6799 Being a Pharmacist

(S-N only; Prereq: Successful completion of all courses in the PharmD rotation, with the exception of the final APPE rotation.)

70213 001 LEC, 9:00-17:00 F, Room TBA, In Person Term Based; Marilyn Speedie ; 0.1 cr.

6900 Curricular Studies for Internship and Pharmacy Employment

(S-N only;)

69913 001 IND, In Person Term Based; Gardner Lepp, Jeannine Conway ; 1 cr.

6903 Assessment and Management of Psychiatric Disorders

(A-F only;)

69847 001 LEC, Primarily Online; Amy Pittenger ; 2 cr.

6908 Drugs of Abuse

(S-N only; Prereq: Organic chemistry I and Phar 6702)

60325 001 LEC, 15:35-17:30 M, Weaver-Densford Hall 7-135, In Person Term Based; Meets With: 001 PHAR 4248; David Ferguson ; 2 cr.

6913 The Science and Spirit of Wellbeing

(A-F only; Prereq: instr consent)

60363 001 LEC, Completely Online; Meg Little ; 1 cr.

6938 Developing Adaptive Leadership

(A-F only; Prereq: Pharm.D. student)

60364 001 LEC, 15:35-17:30 Th, Weaver-Densford Hall 7-135, 15:35-17:30 Th, Weaver-Densford Hall 7-135, In Person Term Based; Kerry Fierke, Todd Sorensen, Kristin Janke ; 1 cr.

6940 Leading Change Experience II

(S-N only; Prereq: PHAR 6937 and 6938)

60365 001 DIS, In Person Term Based; Kerry Fierke, Kristin Janke, Todd Sorensen ; 2 cr.

6941 Leadership Best Sellers for Pharmacists

(A-F only;)

60305 001 DIS, Completely Online; Kristin Janke ; 2 cr.

6962 Ethics in Pharmacy Practice

(A-F only; Prereq: Pharm.D. 3rd year student)

60372 001 DIS, 8:00- 9:55 M, Weaver-Densford Hall W7-193, In Person Term Based; Tim Stratton ; 2 cr.

6966 Food Medicine: Contemporary Issues (Student Option No Audit;)

60370 001 LEC, In Person Term Based; 1 cr.

6968 Critical Care

(A-F only; Prereq: Successful completion of P1, P2, and Fall of P3 professional pharmacy program. Interest in critical care pharmacy practice and/or clinical research.)

60377 001 LEC, 13:25-15:20 T, Weaver-Densford Hall W7-193, In Person Term Based; Debra Skaar, Dawn Carlson ; 1 cr.

6971 Geriatric Pharmacotherapy

(A-F only; Prereq: 3rd or 4th year Pharmacy student)

60268 001 LEC, 10:10-12:05 T, Moos Health Sci Tower 1-451, In Person Term Based; Shellina Scheiner, Michael Swanoski ; 2 cr.

7128 Acute Patient Care Practice

Experience II

(A-F only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, negative Mantoux test (or explanation of positive test), chicken pox immunity)

60263 001 FWK, 00:00-00:00 , , In Person Term Based; 4 cr.

7213 Elective Practice Experience III

(A-F only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, negative Mantoux test (or explanation of positive test), chicken pox immunity)

60240 001 FWK, 00:00-00:00 , , In Person Term Based; 4 cr.

7214 Elective Practice Experience IV

(A-F only; Prereq: Pharm.D. IV, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, negative Mantoux test (or explanation of positive test), chicken pox immunity)

60319 001 FWK, 00:00-00:00 , , In Person Term Based; 4 cr.

7217 Elective Practice Experience V

(A-F or Audit; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, negative Mantoux test (or explanation of positive test), chicken pox immunity)

60307 001 FWK, 00:00-00:00 , , In Person Term Based; 4 cr.

7340 Community Teacher Experience II

(S-N only; Prereq: Students must have completed or be currently enrolled in the following courses: Becoming a Pharmacist, Foundations of Pharmaceutical Care, Applied Pharmaceutical Care, Pharmaceutical Skills Lab I, II, and III, EPHECT I, and Foundations of SAPH)

60344 001 FWK, In Person Term Based; Keri Hager, Donald Uden ; 0.4 cr.

7401 Acute Patient Care Practice

Experience

(S-N only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, negative Mantoux test (or explanation of positive test), chicken pox immunity)

60235 001 FWK, In Person Term Based; Scott Chapman ; 12 cr.

7411 Ambulatory Patient Care Practice Experience I

(S-N only; Prereq: Pharm.D. IV, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, negative Mantoux test (or explanation of positive test), chicken pox immunity)

60236 001 FWK, In Person Term Based; Jean Moon ; 5 cr.

7412 Ambulatory Care 2

(S-N only; Prereq: Pharm.D. IV, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, negative Mantoux test (or explanation of positive test), chicken pox immunity)

68279 001 FWK, In Person Term Based; Jean Moon ; 5 cr.

7413 Community Pharmacy Practice

Experience

(S-N only; Prereq: Pharm.D. IV, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, negative Mantoux test (or explanation of positive test), chicken pox immunity)

60234 001 FWK, In Person Term Based; Caitlin Frail ; 5 cr.

7421 Elective Practice Experience I

(S-N only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, negative Mantoux test (or explanation of positive test), chicken pox immunity)

60238 001 FWK, In Person Term Based; Angela Cortese, Christene Jolowsky, Ann Philbrick ; 5 cr.

7422 Elective Practice Experience II

(S-N only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, negative Mantoux test (or explanation of positive test), chicken pox immunity)

60239 001 FWK, In Person Term Based; Angela Cortese, Ann Philbrick, Christene Jolowsky ; 5 cr.

7431 Patient Care Practice Experience Elective I

(S-N only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, negative Mantoux test (or explanation of positive test), chicken pox immunity)

60237 001 FWK, In Person Term Based; Ann Philbrick, Christene Jolowsky ; 5 cr.

7432 Patient Care Practice Experience

Elective 2

(S-N only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, negative Mantoux test (or explanation of positive test), chicken pox immunity)

68280 001 FWK, In Person Term Based; Ann Philbrick, Christene Jolowsky ; 5 cr.

7433 Patient Care Practice Experience

Elective 3

(S-N only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, proof of negative Mantoux test [or explanation of positive test], proof of chicken pox immunity)

68281 001 FWK, In Person Term Based; Ann Philbrick, Christene Jolowsky ; 5 cr.

Philosophy (PHIL)

1001 Introduction to Logic

(Student Option; MATH)

48889 002 DIS, 12:20-13:10 M, Blegen Hall 140, In Person Term Based; ; 4 cr.

48890 003 DIS, 13:25-14:15 M, Blegen Hall 330, In Person Term Based; ; 4 cr.

48891 004 DIS, 12:20-13:10 W, Blegen Hall 140, In Person Term Based; ; 4 cr.

48892 005 DIS, 13:25-14:15 W, Blegen Hall 260, In Person Term Based; ; 4 cr.

49413 001 LEC, 13:00-14:15 TTh, West Bank Skyway 20, In Person Term Based; Samuel Fletcher ; 4 cr.

1002W Introduction to Philosophy

(Student Option; AH,WI)

49921 001 LEC, 12:20-13:10 MWF, Blegen Hall 317, In Person Term Based; Christopher Nagel ; 4 cr.

49923 002 DIS, 11:15-12:05 T, Blegen Hall 240, In Person Term Based; Nicole Hamilton ; 4 cr.

51716 003 DIS, 12:20-13:10 T, Blegen Hall 435, In Person Term Based; Nicole Hamilton ; 4 cr.

1004W Introduction to Political Philosophy

(Student Option; AH,WI,CIV)

51357 001 LEC, 10:10-11:00 MWF, Anderson Hall 330, In Person Term Based; Fareed Awan ; 4 cr.

51358 002 DIS, 9:05- 9:55 T, Blegen Hall 430, In Person Term Based; ; 4 cr.

51359 003 DIS, 10:10-11:00 T, Blegen Hall 210, In Person Term Based; 4 cr.

65801 004 DIS, 10:10-11:00 Th, Blegen Hall 210, In Person Term Based; ; 4 cr.

65802 005 DIS, 11:15-12:05 Th, Blegen Hall 225, In Person Term Based; ; 4 cr.

1760 Selected Topics in Philosophy

(Student Option;)

69053 001 LEC, 13:25-14:15 MWF, Anderson Hall 250, In Person Term Based; Jessica Gordon-Roth ; 1-4 cr.

69054 002 DIS, 13:25-14:15 T, Blegen Hall 205, In Person Term Based; 1-4 cr.

69057 005 DIS, 14:30-15:20 Th, Blegen Hall 260, In Person Term Based; 1-4 cr.

1911W Amadeus: In Search of Mozart

(Student Option; WI)

67165 001 DIS, 13:25-15:55 F, Blegen Hall 210, In Person Term Based; Michael Kac ; 3 cr.

1912 Sports, Reason, and Society

(Student Option No Audit;)

67166 001 DIS, 11:15-12:30 MW, Hubert H. Humphrey School 30, In Person Term Based; Michael Bennett McNulty ; 3 cr.

3005W General History of Western

Philosophy: Modern Period

(Student Option; AH,WI)

65817 001 LEC, 11:15-12:05 MWF, Blegen Hall 255, In Person Term Based; Jessica Gordon-Roth ; 4 cr.

65818 002 DIS, 11:15-12:05 T, Blegen Hall 135, In Person Term Based; Heather Johnson ; 4 cr.

65819 003 DIS, 12:20-13:10 T, Blegen Hall 135, In Person Term Based; Heather Johnson ; 4 cr.

3302W Moral Problems of Contemporary Society

(Student Option; CIV,WI)
52418 001 LEC, 9:05-9:55 MWF, Anderson Hall 370, In Person Term Based; Brian Bix ; 4 cr.
52419 002 DIS, 9:05-9:55 T, Blegen Hall 115, In Person Term Based; ; 4 cr.
52420 003 DIS, 10:10-11:00 T, Blegen Hall 205, In Person Term Based; ; 4 cr.
52421 004 DIS, 9:05-9:55 Th, Blegen Hall 115, In Person Term Based; ; 4 cr.
52422 005 DIS, 10:10-11:00 Th, Blegen Hall 205, In Person Term Based; ; 4 cr.

3304 Law and Morality

(Student Option;)
65828 001 LEC, 9:20-11:00 MF, Blegen Hall 110, In Person Term Based; Tucker Marks ; 4 cr.

3305 Medical Ethics

(Student Option;)
51440 001 LEC, 13:00-14:15 MW, Blegen Hall 250, In Person Term Based; Fareed Awan ; 4 cr.
66664 002 DIS, 12:20-13:10 F, Blegen Hall 125, In Person Term Based; Qiannan Li ; 4 cr.
66665 003 DIS, 13:25-14:15 F, Blegen Hall 125, In Person Term Based; Qiannan Li ; 4 cr.

3311W Introduction to Ethical Theory

(Student Option; WI)
65824 001 LEC, 13:25-15:05 MW, Blegen Hall 415, In Person Term Based; Michelle Mason ; 4 cr.

3601W Scientific Thought

(Student Option; Prereq: One course in philosophy or natural scienceWI)
50011 001 LEC, 9:20-11:00 TTh, Blegen Hall 250, In Person Term Based; Samuel Fletcher ; 4 cr.

3602 Science, Technology, and Society

(A-F or Audit;)
52177 001 LEC, 9:05-9:55 MWF, Blegen Hall 335, In Person Term Based; Sara Parhizgari ; 3 cr.

3993 Directed Studies

(Student Option; Prereq instr consent, dept consent, college consent.)
48936 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

4101 Metaphysics

(Student Option; Prereq: One course in history of philosophy or instr consent)
66667 001 LEC, 13:00-14:15 MW, Blegen Hall 125, In Person Term Based; Joseph Owens ; 3 cr.

4231 Philosophy of Language

(Student Option; Prereq: 1001 or 5201 or instr consent)
52182 001 LEC, 13:00-14:15 MF, Blegen Hall 240, In Person Term Based; David Taylor ; 3 cr.

4320 Intensive Study of a Historical Moral Theory

(Student Option; Prereq: 1003 or instr consent)
69254 001 LEC, 14:30-15:45 MW, Blegen Hall 260, In Person Term Based; Meets With: 001 PHIL 5320; Sarah Holtman, Michael Bennett McNulty ; 3 cr.

4510 Philosophy of the Individual Arts

(Student Option; Prereq: 3502)
52179 001 LEC, 13:00-14:15 TTh, Walter W Heller Hall 731, In Person Term Based; Meets With: 001 PHIL 5510; Roy Cook ; 3 cr.

4615 Minds, Bodies, and Machines

(Student Option; Prereq: one course in philosophy or instr consent)
66666 001 LEC, 9:45-11:00 MW, Blegen Hall 430, In Person Term Based; Joseph Owens ; 3 cr.

4993 Directed Studies

(Student Option; Prereq instr consent, dept consent, college consent.)
48935 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

4995 Senior Project (Directed Studies)

(A-F only; Prereq: instr consent, dept consent)
50453 001 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.

4995H Honors Senior Project

(A-F only; Prereq: instr consent, dept consent)
50930 001 IND, Independent/Directed Study; 1 cr.

5211 Modal Logic

(Student Option; Prereq: 5201 or instr consent)
65820 001 LEC, 9:45-11:00 MW, Blegen Hall 210, In Person Term Based; David Taylor ; 4 cr.
65821 002 DIS, 10:10-11:00 TTh, Walter W Heller Hall 731, In Person Term Based; Michael Calasso ; 4 cr.

5320 Intensive Study of a Historical Moral Theory

(Student Option; Prereq: 1003 or instr consent)
70233 001 LEC, 14:30-15:45 MW, Blegen Hall 260, In Person Term Based; Meets With: 001 PHIL 4320; Sarah Holtman, Michael Bennett McNulty ; 3 cr.

5415 Philosophy of Law

(Student Option; Prereq: 1003 or 1004 or 3302 or social science major or instr consent)
50474 001 LEC, 13:25-14:20 MWF, Mondale Hall 7, 13:25-14:20 T, Mondale Hall 7, In Person Term Based; Meets With: 001 LAW 6615; Brian Bix ; 3 cr.

5510 Philosophy of the Individual Arts

(Student Option; Prereq: 3502)
52180 001 LEC, 13:00-14:15 TTh, Walter W Heller Hall 731, In Person Term Based; Meets With: 001 PHIL 4510; Roy Cook ; 3 cr.

5603 Scientific Inquiry

(Student Option;)
66662 001 LEC, 11:15-12:30 TTh, Walter W Heller Hall 731, In Person Term Based; Jos Uffink ; 3 cr.

5606 Philosophy of Quantum Mechanics

(Student Option;)
66661 001 LEC, 14:30-15:45 TTh, Walter W Heller Hall 731, In Person Term Based; Jos Uffink ; 3 cr.

5993 Directed Studies

(Student Option; Prereq: instr consent, dept consent, college consent)
48937 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8100 Workshop in Epistemology and Metaphysics

(Student Option; Prereq: concurrent registration is required (or allowed) in 4xxx [epistemology or metaphysics] course, instr consent)
66668 001 LEC, In Person Term Based; 1 cr.

8180 Seminar: Philosophy of Language

(Student Option; Prereq: 4231 or instr consent)
52187 001 LEC, 16:00-18:30 T, Walter W Heller Hall 731, In Person Term Based; Peter Hanks ; 3 cr.

8200 Workshop in Logic and Philosophy of Mathematics

(Student Option; Prereq: [concurrent registration is required (or allowed) in 4xxx logic or 4xxx phil of math], instr consent)
52188 001 LEC, In Person Term Based; 1 cr.

8300 Workshop in Moral and Political Philosophy

(Student Option; Prereq: [concurrent registration is required (or allowed) in 4xxx moral phil or 4xxx pol phil] instr consent)
51720 001 LEC, In Person Term Based; 1 cr.

8310 Seminar: Moral Philosophy

(Student Option; Prereq: 4310 or 4320 or 4330 or instr consent)
66663 001 LEC, 16:00-18:30 W, Walter W Heller Hall 731, In Person Term Based; Michelle Mason ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
49552 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
49574 001 IND, In Person Term Based; 1 cr.

8500 Workshop in Aesthetics

(Student Option; Prereq: concurrent registration is required (or allowed) in 4xxx aesthetics course, instr consent)

52189 001 LEC, In Person Term Based; 1 cr.

8510 Seminar: Aesthetics Studies

(Student Option;)
69711 001 LEC, 13:25-15:55 W, Social Sciences Building 278, In Person Term Based; Michael Kac ; 3 cr.

8600 Workshop in the Philosophy of Science

(Student Option; Prereq: concurrent registration is required (or allowed) in 4xxx phil of sci course, instr consent)
66669 001 LEC, In Person Term Based; 1 cr.

8602 Scientific Representation and Explanation

(Student Option;)
67164 001 DIS, 16:00-18:30 Th, Walter W Heller Hall 731, In Person Term Based; Alan Love ; 3 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
49625 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
49651 001 IND, In Person Term Based; 1-24 cr.

8993 Directed Study

(Student Option; Prereq: instr consent)
48966 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8994 Directed Research

(Student Option; Prereq: instr consent)
49376 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

Physical Education (PE)**1007 Beginning Swimming**

(Student Option No Audit;)
47250 001 LAB, 8:00-8:50 MW, Cooke Hall 10, In Person Term Based; Kaitlin Goff ; 1 cr.
47250 001 LAB, 8:00-8:50 MW, Cooke Hall 10, In Person Term Based; Kaitlin Goff ; 1 cr.
47251 002 LAB, 9:05-9:55 MW, Cooke Hall 10, In Person Term Based; Kaitlin Goff ; 1 cr.
47251 002 LAB, 9:05-9:55 MW, Cooke Hall 10, In Person Term Based; Kaitlin Goff ; 1 cr.
48483 003 LAB, 8:00-8:50 TTh, Cooke Hall 10, In Person Term Based; Andrew Hanson ; 1 cr.
48483 003 LAB, 8:00-8:50 TTh, Cooke Hall 10, In Person Term Based; Andrew Hanson ; 1 cr.
69094 004 LAB, 9:05-9:55 TTh, Cooke Hall 10, In Person Term Based; Andrew Hanson ; 1 cr.

1012 Beginning Running

(Student Option No Audit;)
47871 001 LAB, 8:00-8:50 MW, Cooke Hall Lobby, In Person Term Based; Anton Hesse ; 1 cr.
47871 001 LAB, 8:00-8:50 MW, Cooke Hall Lobby, In Person Term Based; Anton Hesse ; 1 cr.
47977 002 LAB, 9:05-9:55 MW, Cooke Hall Lobby, In Person Term Based; Anton Hesse ; 1 cr.
47977 002 LAB, 9:05-9:55 MW, Cooke Hall Lobby, In Person Term Based; Anton Hesse ; 1 cr.
69095 003 LAB, 10:10-11:00 MW, Cooke Hall Lobby, In Person Term Based; Anton Hesse ; 1 cr.

1014 Conditioning

(Student Option No Audit;)
47252 001 LAB, 8:00-8:50 MW, U Of M Field House 50, In Person Term Based; Elizabeth Frick ; 1 cr.
47252 001 LAB, 8:00-8:50 MW, U Of M Field House 50, In Person Term Based; Elizabeth Frick ; 1 cr.
47253 002 LAB, 9:05-9:55 MW, U Of M Field House 50, In Person Term Based; Elizabeth Frick ; 1 cr.
47253 002 LAB, 9:05-9:55 MW, U Of M Field House 50, In Person Term Based; Elizabeth Frick ; 1 cr.
47254 003 LAB, 10:10-11:00 MW, U Of M Field House 50, In Person Term Based; Elizabeth Frick ; 1 cr.
47254 003 LAB, 10:10-11:00 MW, U Of M Field House 50, In Person Term Based; Elizabeth Frick ; 1 cr.
47255 004 LAB, 11:15-12:05 MW, U Of M Field House 50, In Person Term Based; Anton Hesse ; 1 cr.
47255 004 LAB, 11:15-12:05 MW, U Of M Field House 50, In Person Term Based; Anton Hesse ; 1 cr.
47256 005 LAB, 8:00-8:50 TTh, U Of M Field House 50, In Person Term Based; John Bryant ; 1 cr.

47256 005 LAB, 8:00- 8:50 TTh, U Of M Field House 50, In Person Term Based; John Bryant ; 1 cr.
 47257 006 LAB, 9:05- 9:55 TTh, U Of M Field House 50, In Person Term Based; John Bryant ; 1 cr.
 47257 006 LAB, 9:05- 9:55 TTh, U Of M Field House 50, In Person Term Based; John Bryant ; 1 cr.
 48321 007 LAB, 10:10-11:00 TTh, U Of M Field House 50, In Person Term Based; John Bryant ; 1 cr.
 48321 007 LAB, 10:10-11:00 TTh, U Of M Field House 50, In Person Term Based; John Bryant ; 1 cr.
 48322 008 LAB, 11:15-12:05 TTh, U Of M Field House 50, In Person Term Based; Anton Hesse ; 1 cr.
 48322 008 LAB, 11:15-12:05 TTh, U Of M Field House 50, In Person Term Based; Anton Hesse ; 1 cr.
 69097 009 LAB, 8:00- 9:40 F, U Of M Field House 50, In Person Term Based; Anton Hesse ; 1 cr.
 69098 010 LAB, 10:10-11:50 F, U Of M Field House 50, In Person Term Based; Olivia Wicker ; 1 cr.

1015 Weight Training

(Student Option No Audit;)
 47259 002 LAB, 9:05- 9:55 MW, University Rec Center 220, In Person Term Based; Benjamin Kohler ; 1 cr.
 47259 002 LAB, 9:05- 9:55 MW, University Rec Center 220, In Person Term Based; Benjamin Kohler ; 1 cr.
 47260 003 LAB, 10:10-11:00 MW, University Rec Center 220, In Person Term Based; Benjamin Kohler ; 1 cr.
 47260 003 LAB, 10:10-11:00 MW, University Rec Center 220, In Person Term Based; Benjamin Kohler ; 1 cr.
 47261 004 LAB, 8:00- 8:50 TTh, University Rec Center 220, In Person Term Based; Greg Stephenson ; 1 cr.
 47261 004 LAB, 8:00- 8:50 TTh, University Rec Center 220, In Person Term Based; Greg Stephenson ; 1 cr.
 47262 005 LAB, 9:05- 9:55 TTh, University Rec Center 220, In Person Term Based; Greg Stephenson ; 1 cr.
 47262 005 LAB, 9:05- 9:55 TTh, University Rec Center 220, In Person Term Based; Greg Stephenson ; 1 cr.
 47263 006 LAB, 10:10-11:00 TTh, University Rec Center 220, In Person Term Based; Kevin Widmer ; 1 cr.
 47263 006 LAB, 10:10-11:00 TTh, University Rec Center 220, In Person Term Based; Kevin Widmer ; 1 cr.

1016 Posture and Individual Exercise

(Student Option No Audit;)
 69099 002 LAB, 11:15-12:05 MW, Cooke Hall 308, In Person Term Based; Alexandra Eady ; 1 cr.
 69100 003 LAB, 9:05- 9:55 MW, Cooke Hall 308, In Person Term Based; Alexandra Eady ; 1 cr.
 70138 004 LAB, 10:10-11:00 MW, Cooke Hall 308, In Person Term Based; Alexandra Eady ; 1 cr.

1029 Handball

(Student Option No Audit;)
 47242 001 LAB, 16:35-18:15 Th, University Rec Center 145, In Person Term Based; Joseph Van Thomme ; 1 cr.
 47242 001 LAB, 16:35-18:15 Th, University Rec Center 145, In Person Term Based; Joseph Van Thomme ; 1 cr.

1031 Sabre Fencing

(Student Option No Audit;)
 48328 001 LAB, 9:05- 9:55 TTh, Cooke Hall 308, In Person Term Based; J Sobalvarro ; 1 cr.

1032 Badminton

(Student Option No Audit;)
 48486 001 LAB, 13:25-15:05 T, Cooke Hall 325, In Person Term Based; Dongwook Yeo ; 1 cr.
 48486 001 LAB, 13:25-15:05 T, Cooke Hall 325, In Person Term Based; Dongwook Yeo ; 1 cr.
 48487 002 LAB, 8:00- 9:55 F, Cooke Hall 325, In Person Term Based; Dongwook Yeo ; 1 cr.
 48487 002 LAB, 8:00- 9:55 F, Cooke Hall 325, In Person Term Based; Dongwook Yeo ; 1 cr.
 48488 003 LAB, 10:10-12:05 F, Cooke Hall 325, In Person Term Based; Dongwook Yeo ; 1 cr.
 48488 003 LAB, 10:10-12:05 F, Cooke Hall 325, In Person Term Based; Dongwook Yeo ; 1 cr.
 48714 004 LAB, 11:15-12:05 MW, Cooke Hall 325, In Person Term Based; Nan Zeng ; 1 cr.
 48714 004 LAB, 11:15-12:05 MW, Cooke Hall 325, In Person Term Based; Nan Zeng ; 1 cr.
 48715 005 LAB, 13:25-15:05 M, Cooke Hall 325, In Person Term Based; Nan Zeng ; 1 cr.
 48715 005 LAB, 13:25-15:05 M, Cooke Hall 325, In Person Term Based; Nan Zeng ; 1 cr.
 48716 006 LAB, 13:25-15:05 W, Cooke Hall 325, In Person Term Based; Nan Zeng ; 1 cr.
 48716 006 LAB, 13:25-15:05 W, Cooke Hall 325, In Person Term Based; Nan Zeng ; 1 cr.

1033 Foil Fencing

(Student Option No Audit;)
 48329 001 LAB, 10:10-11:00 TTh, Cooke Hall 308, In Person Term Based; J Sobalvarro ; 1 cr.
 48489 002 LAB, 11:15-12:05 TTh, Cooke Hall 308, In Person Term Based; J Sobalvarro ; 1 cr.

1034 Judo

(Student Option No Audit;)
 47243 002 LAB, 10:40-11:30 TTh, St. Paul Gymnasium 130, In Person Term Based; Thomas Crone ; 1 cr.
 47243 002 LAB, 10:40-11:30 TTh, St. Paul Gymnasium 130, In Person Term Based; Thomas Crone ; 1 cr.
 69102 001 LAB, 9:35-10:25 TTh, St. Paul Gymnasium 130, In Person Term Based; Thomas Crone ; 1 cr.

1035 Karate

(Student Option No Audit;)
 47244 001 LAB, 19:15-20:55 T, St. Paul Gymnasium 200, In Person Term Based; Trung Le ; 1 cr.
 47244 001 LAB, 19:15-20:55 T, St. Paul Gymnasium 200, In Person Term Based; Trung Le ; 1 cr.
 47244 001 LAB, 19:15-20:55 T, St. Paul Gymnasium 200, In Person Term Based; Trung Le ; 1 cr.
 47245 002 LAB, 13:25-15:05 M, Cooke Hall 308, In Person Term Based; Scott Parkin ; 1 cr.
 47245 002 LAB, 13:25-15:05 M, Cooke Hall 308, In Person Term Based; Scott Parkin ; 1 cr.
 47245 002 LAB, 13:25-15:05 M, Cooke Hall 308, In Person Term Based; Scott Parkin ; 1 cr.
 47391 003 LAB, 10:10-11:55 F, Cooke Hall 308, In Person Term Based; Scott Parkin ; 1 cr.
 47391 003 LAB, 10:10-11:55 F, Cooke Hall 308, In Person Term Based; Scott Parkin ; 1 cr.
 47391 003 LAB, 10:10-11:55 F, Cooke Hall 308, In Person Term Based; Scott Parkin ; 1 cr.

1036 Racquetball

(Student Option No Audit;)
 47854 004 LAB, 13:25-14:15 TTh, University Rec Center 145, In Person Term Based; Mitchell Hoffman ; 1 cr.
 47854 004 LAB, 13:25-14:15 TTh, University Rec Center 145, In Person Term Based; Mitchell Hoffman ; 1 cr.
 47855 005 LAB, 14:30-15:20 TTh, University Rec Center 145, In Person Term Based; Mitchell Hoffman ; 1 cr.
 47855 005 LAB, 14:30-15:20 TTh, University Rec Center 145, In Person Term Based; Mitchell Hoffman ; 1 cr.

1037 Squash Racquets

(Student Option No Audit;)
 47798 001 LAB, 10:10-11:00 MW, University Rec Center 143, In Person Term Based; John Stever ; 1 cr.
 47798 001 LAB, 10:10-11:00 MW, University Rec Center 143, In Person Term Based; John Stever ; 1 cr.
 48305 002 LAB, 10:10-11:45 F, University Rec Center 143, In Person Term Based; John Stever ; 1 cr.

1038 Beginning Tennis

(Student Option No Audit;)
 47266 002 LAB, 9:05- 9:55 MW, Ridder Arena/Baseline 106, In Person Term Based; Minkinee Salo ; 1 cr.
 47266 002 LAB, 9:05- 9:55 MW, Ridder Arena/Baseline 106, In Person Term Based; Minkinee Salo ; 1 cr.
 47267 003 LAB, 10:10-11:00 MW, Ridder Arena/Baseline 106, In Person Term Based; Minkinee Salo ; 1 cr.
 47267 003 LAB, 10:10-11:00 MW, Ridder Arena/Baseline 106, In Person Term Based; Minkinee Salo ; 1 cr.
 47268 004 LAB, 11:15-12:05 MW, Ridder Arena/Baseline 106, In Person Term Based; Minkinee Salo ; 1 cr.
 47268 004 LAB, 11:15-12:05 MW, Ridder Arena/Baseline 106, In Person Term Based; Minkinee Salo ; 1 cr.
 47269 005 LAB, 8:00- 8:50 TTh, Ridder Arena/Baseline 106, In Person Term Based; Daniel Haertl ; 1 cr.
 47269 005 LAB, 8:00- 8:50 TTh, Ridder Arena/Baseline 106, In Person Term Based; Daniel Haertl ; 1 cr.
 47270 006 LAB, 9:05- 9:55 TTh, Ridder Arena/Baseline 106, In Person Term Based; Daniel Haertl ; 1 cr.
 47270 006 LAB, 9:05- 9:55 TTh, Ridder Arena/Baseline 106, In Person Term Based; Daniel Haertl ; 1 cr.
 47856 007 LAB, 10:10-11:00 TTh, Ridder Arena/Baseline 106, In Person Term Based; Daniel Haertl ; 1 cr.
 47856 007 LAB, 10:10-11:00 TTh, Ridder Arena/Baseline 106, In Person Term Based; Daniel Haertl ; 1 cr.
 47857 008 LAB, 11:15-12:05 TTh, Ridder Arena/Baseline 106, In Person Term Based; Daniel Haertl ; 1 cr.
 47857 008 LAB, 11:15-12:05 TTh, Ridder Arena/Baseline 106, In Person Term Based; Daniel Haertl ; 1 cr.
 47979 001 LAB, 8:00- 8:50 MW, Ridder Arena/Baseline 106, In Person Term Based; Minkinee Salo ; 1 cr.
 47979 001 LAB, 8:00- 8:50 MW, Ridder Arena/Baseline 106, In Person Term Based; Minkinee Salo ; 1 cr.

1044 Self-Defense

(Student Option No Audit;)
 47246 001 LAB, 8:00- 8:50 MW, University Rec Center 320, In Person Term Based; Mary Brandl ; 1 cr.
 47247 002 LAB, 9:05- 9:55 MW, University Rec Center 320, In Person Term Based; Mary Brandl ; 1 cr.
 47393 003 LAB, 13:25-15:05 M, University Rec Center 320, In Person Term Based; Trung Le ; 1 cr.
 47809 004 LAB, 9:05- 9:55 TTh, University Rec Center 320, In Person Term Based; Trung Le ; 1 cr.

47809 004 LAB, 9:05- 9:55 TTh, University Rec Center 320, In Person Term Based; Trung Le ; 1 cr.
 47858 005 LAB, 10:10-11:00 TTh, University Rec Center 320, In Person Term Based; Trung Le ; 1 cr.
 48306 006 LAB, 18:45-20:30 W, St. Paul Gymnasium 130, In Person Term Based; Anita Bendickson ; 1 cr.
 48419 007 LAB, 13:25-15:15 F, Cooke Hall 308, In Person Term Based; Anita Bendickson ; 1 cr.

1045 Rock Climbing

(Student Option No Audit; Prereq: Good general health, no [neck or back] problems)
 48720 003 LAB, 8:00- 9:40 W, University Rec Center 68B, In Person Term Based; Bryan Karban ; 1 cr.
 48720 003 LAB, 8:00- 9:40 W, University Rec Center 68B, In Person Term Based; Bryan Karban ; 1 cr.
 48721 004 LAB, 10:10-11:50 W, University Rec Center 68B, In Person Term Based; Bryan Karban ; 1 cr.
 48721 004 LAB, 10:10-11:50 W, University Rec Center 68B, In Person Term Based; Bryan Karban ; 1 cr.
 48722 004 LAB, 10:10-11:50 W, University Rec Center 68B, In Person Term Based; Bryan Karban ; 1 cr.
 69805 005 LAB, 8:00- 9:40 F, University Rec Center 68B, In Person Term Based; Benjamin Phaneuf ; 1 cr.
 69806 006 LAB, 10:10-11:50 F, University Rec Center 68B, In Person Term Based; Benjamin Phaneuf ; 1 cr.

1046 Tae Kwon Do

(Student Option No Audit;)
 47502 001 LEC, 9:05- 9:55 TTh, Cooke Hall 325, In Person Term Based; Aaron Kim ; 1 cr.
 47502 001 LEC, 9:05- 9:55 TTh, Cooke Hall 325, In Person Term Based; Aaron Kim ; 1 cr.
 47503 002 LEC, 10:10-11:00 TTh, Cooke Hall 325, In Person Term Based; Aaron Kim ; 1 cr.
 47503 002 LEC, 10:10-11:00 TTh, Cooke Hall 325, In Person Term Based; Aaron Kim ; 1 cr.
 69110 003 LEC, 11:15-12:05 TTh, Cooke Hall 325, In Person Term Based; Aaron Kim ; 1 cr.

1048 Bowling

(Student Option No Audit;)
 47264 001 LAB, 8:00- 8:50 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 47264 001 LAB, 8:00- 8:50 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 47800 002 LAB, 9:05- 9:55 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 47800 002 LAB, 9:05- 9:55 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 47801 003 LAB, 10:10-11:00 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 47801 003 LAB, 10:10-11:00 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 47806 004 LAB, 11:15-12:05 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 47806 004 LAB, 11:15-12:05 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 47807 005 LAB, 12:20-13:10 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 47807 005 LAB, 12:20-13:10 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 47859 006 LAB, 13:25-14:15 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 47859 006 LAB, 13:25-14:15 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 47860 007 LAB, 8:00- 8:50 TTh, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 47860 007 LAB, 8:00- 8:50 TTh, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 47980 008 LAB, 9:05- 9:55 TTh, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 47980 008 LAB, 9:05- 9:55 TTh, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 47981 009 LAB, 10:10-11:00 TTh, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 47981 009 LAB, 10:10-11:00 TTh, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 47982 010 LAB, 8:00- 9:40 F, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 47982 010 LAB, 8:00- 9:40 F, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 48042 011 LAB, 10:10-11:50 F, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 69112 012 LAB, 12:20-14:00 F, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.

1053 Ice Skating

(Student Option No Audit;)
 47983 001 LAB, 8:00- 8:50 MW, Mariucci Arena 50, In Person Term Based; Courtney Boucher ; 1 cr.
 48068 002 LAB, 9:05- 9:55 MW, Mariucci Arena 50, In Person Term Based; Courtney Boucher ; 1 cr.
 48307 003 LAB, 10:10-11:00 MW, Mariucci Arena 50, In Person Term Based; Courtney Boucher ; 1 cr.
 69115 004 LAB, 8:00- 8:50 TTh, Mariucci Arena 50, In Person Term Based; Courtney Boucher ; 1 cr.

69116 005 LAB, 9:05- 9:55 TTh, Mariucci Arena 50, In Person Term Based; Courtney Boucher ; 1 cr.
 69117 006 LAB, 10:10-11:00 TTh, Mariucci Arena 50, In Person Term Based; Courtney Boucher ; 1 cr.

1055 Golf

(Student Option No Audit;)
 48725 001 LAB, 10:10-12:30 MW, Les Bolstad Golf Crse Clubhouse, In Person Term Based; Gregory Schulze ; 1 cr.
 48725 001 LAB, 10:10-12:30 MW, Les Bolstad Golf Crse Clubhouse, In Person Term Based; Gregory Schulze ; 1 cr.
 48725 001 LAB, 10:10-12:30 MW, Les Bolstad Golf Crse Clubhouse, In Person Term Based; Gregory Schulze ; 1 cr.
 48726 002 LAB, 13:20-15:45 MW, Les Bolstad Golf Crse Clubhouse, In Person Term Based; Gregory Schulze ; 1 cr.
 48726 002 LAB, 13:20-15:45 MW, Les Bolstad Golf Crse Clubhouse, In Person Term Based; Gregory Schulze ; 1 cr.
 48726 002 LAB, 13:20-15:45 MW, Les Bolstad Golf Crse Clubhouse, In Person Term Based; Gregory Schulze ; 1 cr.
 48727 003 LAB, 10:10-12:30 TTh, Les Bolstad Golf Crse Clubhouse, In Person Term Based; Gregory Schulze ; 1 cr.
 48727 003 LAB, 10:10-12:30 TTh, Les Bolstad Golf Crse Clubhouse, In Person Term Based; Gregory Schulze ; 1 cr.
 48727 003 LAB, 10:10-12:30 TTh, Les Bolstad Golf Crse Clubhouse, In Person Term Based; Gregory Schulze ; 1 cr.
 48728 004 LAB, 13:20-15:45 TTh, Les Bolstad Golf Crse Clubhouse, In Person Term Based; Gregory Schulze ; 1 cr.
 48728 004 LAB, 13:20-15:45 TTh, Les Bolstad Golf Crse Clubhouse, In Person Term Based; Gregory Schulze ; 1 cr.
 48728 004 LAB, 13:20-15:45 TTh, Les Bolstad Golf Crse Clubhouse, In Person Term Based; Gregory Schulze ; 1 cr.

1057 Beginning Skiing

(Student Option No Audit;)
 47303 001 LAB, 17:00-21:00 T, Room TBA, In Person Term Based; Thomas Mega ; 1 cr.
 47303 001 LAB, 17:00-21:00 T, Room TBA, In Person Term Based; Thomas Mega ; 1 cr.
 47304 002 LAB, 17:00-21:00 Th, Room TBA, In Person Term Based; Thomas Mega ; 1 cr.
 47304 002 LAB, 17:00-21:00 Th, Room TBA, In Person Term Based; Thomas Mega ; 1 cr.

1058 Snowboarding

(Student Option No Audit; Prereq: Good general health, injury free)
 47485 001 LAB, 16:00-20:00 T, Room TBA, In Person Term Based; Erin Ramberg ; 1 cr.
 47485 001 LAB, 16:00-20:00 T, Room TBA, In Person Term Based; Erin Ramberg ; 1 cr.
 47486 002 LAB, 16:00-20:00 Th, Room TBA, In Person Term Based; Erin Ramberg ; 1 cr.
 47486 002 LAB, 16:00-20:00 Th, Room TBA, In Person Term Based; Erin Ramberg ; 1 cr.
 48723 003 LAB, 14:30-18:30 Sa, Room TBA, In Person Term Based; Erin Ramberg ; 1 cr.
 48724 004 LAB, 14:30-18:30 Su, Room TBA, In Person Term Based; Erin Ramberg ; 1 cr.

1065 Beginning Tumbling and Gymnastics

(Student Option No Audit;)
 48046 001 LAB, 10:10-11:00 TTh, Cooke Hall 302, In Person Term Based; Julia Campbell ; 1 cr.
 48046 001 LAB, 10:10-11:00 TTh, Cooke Hall 302, In Person Term Based; Julia Campbell ; 1 cr.
 48490 002 LAB, 16:00-16:50 TTh, Peik Gymnasium G100, In Person Term Based; Julia Campbell ; 1 cr.
 48490 002 LAB, 16:00-16:50 TTh, Peik Gymnasium G100, In Person Term Based; Julia Campbell ; 1 cr.

1067 Basketball

(Student Option No Audit;)
 47265 001 LAB, 8:00- 8:50 MW, U Of M Fieldhouse 102 (E), In Person Term Based; Wenxi Liu ; 1 cr.
 47265 001 LAB, 8:00- 8:50 MW, U Of M Fieldhouse 102 (E), In Person Term Based; Wenxi Liu ; 1 cr.
 47861 002 LAB, 9:05- 9:55 MW, U Of M Fieldhouse 102 (E), In Person Term Based; Wenxi Liu ; 1 cr.
 47861 002 LAB, 9:05- 9:55 MW, U Of M Fieldhouse 102 (E), In Person Term Based; Wenxi Liu ; 1 cr.
 48324 003 LAB, 10:10-11:00 MW, U Of M Fieldhouse 102 (E), In Person Term Based; Wenxi Liu ; 1 cr.
 48325 004 LAB, 8:00- 8:50 TTh, U Of M Fieldhouse 102 (E), In Person Term Based; Wenxi Liu ; 1 cr.
 48326 005 LAB, 9:05- 9:55 TTh, U Of M Fieldhouse 102 (E), In Person Term Based; Wenxi Liu ; 1 cr.
 48327 006 LAB, 10:10-11:00 TTh, U Of M Fieldhouse 102 (E), In Person Term Based; Wenxi Liu ; 1 cr.

1071 Beginning Cricket

(Student Option No Audit;)
 69535 001 LAB, 9:05-10:45 F, U Of M Fieldhouse 102 (E), In Person Term Based; Charles Peterson ; 1 cr.

1072 Soccer

(Student Option No Audit;)
 47987 003 LAB, 9:05-10:45 TTh, Student Recreation Sports Dome, In Person Term Based; Viktor Adamcsek ; 1 cr.
 47987 003 LAB, 9:05-10:45 TTh, Student Recreation Sports Dome, In Person Term Based; Viktor Adamcsek ; 1 cr.
 48308 004 LAB, 11:15-12:55 TTh, Student Recreation Sports Dome, In Person Term Based; Viktor Adamcsek ; 1 cr.
 48309 005 LAB, 9:05-10:45 MW, Student Recreation Sports Dome, In Person Term Based; Viktor Adamcsek ; 1 cr.
 48310 006 LAB, 11:15-12:55 MW, Student Recreation Sports Dome, In Person Term Based; Viktor Adamcsek ; 1 cr.

1074 Beginning Volleyball

(Student Option No Audit;)
 48417 001 LAB, 8:00- 8:50 MW, Cooke Hall 325, In Person Term Based; Rebecca Feczer ; 1 cr.
 48417 001 LAB, 8:00- 8:50 MW, Cooke Hall 325, In Person Term Based; Rebecca Feczer ; 1 cr.

1076 Flag Football

(Student Option No Audit;)
 48312 002 LAB, 8:00- 9:40 TTh, TCF Bank Stadium Field West, In Person Term Based; Jaime Medina ; 1 cr.
 48313 003 LAB, 10:10-11:50 TTh, TCF Bank Stadium Field West, In Person Term Based; Ryan Townzen ; 1 cr.

1137 Intermediate Squash

(Student Option No Audit; Prereq: 1037 or instr consent)
 48729 001 LAB, 11:15-12:05 MW, University Rec Center 143, In Person Term Based; John Stever ; 1 cr.
 48729 001 LAB, 11:15-12:05 MW, University Rec Center 143, In Person Term Based; John Stever ; 1 cr.

1146 Intermediate Tae Kwan Do

(Student Option No Audit; Prereq: 1046, previous Tae Kwon Do experience (World Tae Kwon Do Federation sanctioned), basic white Tae Kwon Do uniform)
 69400 001 LAB, 13:25-15:05 Th, Cooke Hall 325, In Person Term Based; Aaron Kim ; 1 cr.

1205 Scuba and Skin Diving

(Student Option No Audit; Prereq: Ability to swim 400 yds comfortably or instr consent)
 47248 001 LAB, 18:00-22:15 M, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.
 47248 001 LAB, 18:00-22:15 M, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.
 47249 002 LAB, 10:10-12:05 TTh, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.
 47249 002 LAB, 10:10-12:05 TTh, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.
 47395 003 LAB, 18:00-22:15 W, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.
 47395 003 LAB, 18:00-22:15 W, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.
 47396 004 LAB, 18:00-22:15 M, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.
 47396 004 LAB, 18:00-22:15 M, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.
 47479 005 LAB, 10:10-12:05 TTh, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.
 47479 005 LAB, 10:10-12:05 TTh, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.
 48418 006 LAB, 18:00-22:15 W, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.
 48418 006 LAB, 18:00-22:15 W, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.

1262 Marathon Training

(Student Option No Audit; Prereq: No pre-existing medical condition that would prevent finishing a marathon, instr consent)
 48387 001 LAB, 8:00-12:00 Su, Cooke Hall Lobby, 9:05-9:55 MW, Bruininks Hall 131A, In Person Term Based; Christopher Lundstrom ; 3 cr.
 48388 002 LAB, 8:00-12:00 Su, Cooke Hall Lobby, 10:10-11:00 MW, Bruininks Hall 131A, In Person Term Based; Christopher Lundstrom ; 3 cr.

Physical Med & Rehabilitation (PMED)**7410 Rehabilitation Medicine for Adults**

(H-N only;)
 58903 001 ROT, In Person Term Based; 4 cr.
 68578 002 ROT, In Person Term Based; 4 cr.
 68579 003 ROT, In Person Term Based; 4 cr.
 68580 004 ROT, In Person Term Based; 4 cr.

7412 Rehabilitation Medicine for Adults: Orthopedics, Neurology

(H-N only;)
 58914 001 ROT, In Person Term Based; 4 cr.
 68581 002 ROT, In Person Term Based; 4 cr.
 68582 003 ROT, In Person Term Based; 4 cr.
 68583 004 ROT, In Person Term Based; 4 cr.

7416 Pediatric Rehabilitation Medicine

(H-N only;)
 58366 012 ROT, 00:00-00:00 , In Person Term Based; 2 cr.
 68584 031 ROT, In Person Term Based; 2 cr.
 68585 042 ROT, In Person Term Based; 2 cr.

7418 Rehabilitation Medicine: Trauma Rehab, Med-Spine

(H-N only;)
 58926 001 ROT, In Person Term Based; 4 cr.
 68586 002 ROT, In Person Term Based; 4 cr.
 68587 003 ROT, In Person Term Based; 4 cr.
 68588 004 ROT, In Person Term Based; 4 cr.

7420 Rehabilitation Medicine Research

(H-N only;)
 68831 099 ROT, In Person Term Based; 2-8 cr.

7910 Physical Medicine and Rehabilitation Medical Residency

(No Grade Associated;)
 59141 001 FWK, In Person Term Based; 6 cr.

7930 Physical Medicine and Rehabilitation Medical Fellowship

(No Grade Associated;)
 59142 001 FWK, In Person Term Based; 6 cr.

8200 Physical Medicine and Rehabilitation Service

(Student Option; Prereq: enrolled in PMed residency training program)
 58360 001 LEC, In Person Term Based; 1-15 cr.

8207 Basic and Applied Psychiatry

(Student Option; Prereq: enrolled in PMed residency training program)
 58359 001 LEC, In Person Term Based; 1 cr.

8212 Electromyography

(Student Option; Prereq: enrolled in PMed residency training program)
 58361 001 LEC, In Person Term Based; 1-15 cr.

8214 Readings in Electromyography

(Student Option; Prereq: enrolled in PMed residency training program)
 58362 001 LEC, In Person Term Based; 1-3 cr.

8220 Seminar: Physical Medicine and Rehabilitation

(Student Option; Prereq: enrolled in PMed residency training program)
 58363 001 LEC, In Person Term Based; 1-15 cr.

Physical Therapy (PT)**1002 Orientation to Physical Therapy**

(S-N or Audit;)
 58125 002 LEC, 13:25-14:15 T, Mayo Bldg & Additions 3-125, In Person Term Based; Lisa Page ; 1 cr.

6214 Clerkship II

(A-F or Audit; Prereq: Registered first year PT student)
 58425 001 LEC, 8:30- 9:55 M, Children's Rehab Ctr R555, In Person Term Based; Amanda LaLonde ; 2 cr.
 58426 002 LAB, 13:30-16:30 TTh, No Room Required, In Person Term Based; Amanda LaLonde ; 2 cr.

6216 Clerkship IV

(A-F or Audit; Prereq: Registered 2nd yr PT student)
 58438 001 LEC, 8:00- 9:55 T, Children's Rehab Ctr R555, 13:25-17:00 MW, No Room Required, In Person Term Based; Amanda LaLonde ; 1 cr.

6220 Clinic Volunteer

(No Grade Associated;)
 58448 001 FWK, 00:00-00:00 , No Room Required, In Person Term Based; Teresa Bisson ; 1 cr.

6221 Therapeutic Procedures

(A-F or Audit; Prereq: Registered PT student)

58420 001 LEC, 8:00- 9:55 Th, Children's Rehab Ctr R555, 8:00- 9:55 TW, Children's Rehab Ctr R202, In Person Term Based; Becky Olson-Kellogg ; 4 cr.

6282 Scientific Foundations II: Neuromotor Control

(A-F or Audit; Prereq: Registered PT student)
58439 001 LEC, 13:00-14:30 TTh, Moos Health Sci Tower 2-520, In Person Term Based; Bernadette Gillick ; 3 cr.

6284 Musculoskeletal Rehabilitation II

(A-F or Audit; Prereq: Regis PT student)
58668 001 LEC, 10:10-12:05 W, Children's Rehab Ctr R202, 8:00- 9:55 MThF, Children's Rehab Ctr R202, In Person Term Based; Kathleen Anderson, Jacquelyn Ruen ; 4 cr.

6287 Neurorehabilitation

(A-F or Audit; Prereq: Regis PT student)
58440 001 LEC, 8:00- 9:55 W, Children's Rehab Ctr R555, 10:10-12:05 MTThF, Children's Rehab Ctr R555, In Person Term Based; Teresa Bisson ; 8 cr.

6297 Clinical Internship III

(S-N only; Prereq: Registered PT student)
58499 001 FWK, In Person Term Based; Amanda LaLonde ; 10 cr.

6298 Clinical Internship IV

(S-N only;)
58500 001 FWK, In Person Term Based; Amanda LaLonde ; 10 cr.

6310 Physiology for Physical Rehabilitation

(A-F only;)
58721 001 LEC, 10:10-11:00 MTThF, Moos Health Sci Tower 2-520, In Person Term Based; Manda Keller-Ross ; 5 cr.
58722 002 LAB, 10:10-12:05 W, Moos Health Sci Tower 2-520, In Person Term Based; Manda Keller-Ross ; 5 cr.

7001 Topics in Musculoskeletal PT

(A-F only; Prereq Admitted in transitional doctor of physical therapy program.)
58518 001 LEC, 00:00-00:00 , , In Person Term Based; Kathleen Anderson ; 1-6 cr.

7003 Topics in Integrumentary Physical Therapy

(A-F only; Prereq Admitted in transitional doctor of physical therapy program.)
58519 001 LEC, 00:00-00:00 , , In Person Term Based; 2 cr.

7005 Topics in Pediatric Physical Therapy

(A-F only; Prereq Admitted in transitional doctor of physical therapy program.)
58520 001 LEC, 00:00-00:00 , , In Person Term Based; James Carey ; 1 cr.

7011 Topics in Geriatric Rehabilitation II

(S-N only; Prereq: Licensed physical therapist enrolled in geriatric clinical residency)

58617 001 LEC, 00:00-00:00 , No Room Required, In Person Term Based; Becky Olson-Kellogg ; 2 cr.

8132 Research Seminar II

(A-F or Audit; Prereq: 8131, grad PT major)
58421 001 LEC, 00:00-00:00 , No Room Required, In Person Term Based; Brendan Dougherty ; 1 cr.
58422 002 LEC, 00:00-00:00 , No Room Required, In Person Term Based; Paula Ludewig ; 1 cr.
58423 003 LEC, 00:00-00:00 , No Room Required, In Person Term Based; Ward Glasoe ; 1 cr.
58424 004 LEC, 00:00-00:00 , No Room Required, In Person Term Based; Bernadette Gillick ; 1 cr.
58446 005 LEC, 00:00-00:00 , No Room Required, In Person Term Based; LeAnn Snow ; 1 cr.
58462 007 LEC, 00:00-00:00 , No Room Required, In Person Term Based; Ann Van de Winckel ; 1 cr.
58555 008 LEC, 00:00-00:00 , No Room Required, In Person Term Based; Manda Keller-Ross ; 1 cr.
58567 009 LEC, 00:00-00:00 , No Room Required, In Person Term Based; 1 cr.
58691 010 LEC, 00:00-00:00 , No Room Required, In Person Term Based; Amanda LaLonde, Kathleen Anderson ; 1 cr.
69900 011 LEC, In Person Term Based; Brendan Dougherty, Teresa Bisson ; 1 cr.

8193 Research Problems in Physical Therapy

(A-F or Audit; Prereq: Grad PT major)
58441 001 IND, 00:00-00:00 , No Room Required, In Person Term Based; Dawn Lowe ; 1-7 cr.
58442 002 IND, 00:00-00:00 , No Room Required, In Person Term Based; Linda Koehler ; 1-7 cr.
58443 003 IND, 00:00-00:00 , No Room Required, In Person Term Based; Paula Ludewig ; 1-7 cr.

58444 004 IND, 00:00-00:00 , No Room Required, In Person Term Based; LeAnn Snow ; 1-7 cr.
58460 005 IND, 00:00-00:00 , No Room Required, In Person Term Based; Paula Ludewig, Becky Olson-Kellogg ; 1-7 cr.
58461 006 IND, 00:00-00:00 , No Room Required, In Person Term Based; Colum MacKinnon, Becky Olson-Kellogg ; 1-7 cr.

58561 008 IND, 00:00-00:00 , No Room Required, In Person Term Based; Manda Keller-Ross ; 1-7 cr.
58568 009 IND, In Person Term Based; Arin Ellingson ; 1-7 cr.
69921 010 IND, In Person Term Based; Ward Glasoe ; 1-7 cr.
69922 011 IND, In Person Term Based; Brendan Dougherty ; 1-7 cr.
69923 012 IND, In Person Term Based; Dawn Lowe ; 1-7 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

58278 001 IND, In Person Term Based; 1 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
58309 001 IND, In Person Term Based; 1-18 cr.

Physics (PHYS)

1001W Energy and the Environment

(Student Option; Prereq: 1 yr high school algebraENV,WI,PHYS)
55049 100 LEC, 12:20-13:10 MWF, Tate Hall B50, In Person Term Based; Roger Rusack ; 4 cr.
55051 102 LAB, 8:00- 9:55 Th, Tate Hall B80, In Person Term Based; 4 cr.
55052 103 LAB, 10:10-12:05 Th, Tate Hall B80, In Person Term Based; 4 cr.
55053 104 LAB, 12:20-14:15 Th, Tate Hall B80, In Person Term Based; 4 cr.
57527 105 LAB, 14:30-16:25 Th, Tate Hall B80, In Person Term Based; 4 cr.
57740 106 LAB, 16:40-18:35 Th, Tate Hall B80, In Person Term Based; 4 cr.
67797 107 LAB, 8:00- 9:55 F, Tate Hall B80, In Person Term Based; 4 cr.

1101W Introductory College Physics I

(Student Option; Prereq: High school algebra, plane geometry, trigonometry; primarily for students interested in technical areasPHYS,WI)
55054 100 LEC, 13:25-14:15 MWF, Tate Hall B50, In Person Term Based; Lindsay Glesener ; 4 cr.
55055 101 DIS, 13:25-14:15 T, Vincent Hall 209, In Person Term Based; 4 cr.
55056 102 LAB, 9:05-11:00 M, Tate Hall B78, In Person Term Based; 4 cr.
55057 103 DIS, 13:25-14:15 T, Amundson Hall 156, In Person Term Based; 4 cr.
55058 104 LAB, 11:15-13:10 M, Tate Hall B78, In Person Term Based; 4 cr.
55059 105 DIS, 13:25-14:15 T, Smith Hall 121, In Person Term Based; 4 cr.
55060 106 LAB, 14:30-16:25 M, Tate Hall B78, In Person Term Based; 4 cr.
55061 107 DIS, 13:25-14:15 T, Vincent Hall 313, In Person Term Based; 4 cr.
55062 108 LAB, 16:40-18:35 M, Tate Hall B78, In Person Term Based; 4 cr.
55063 109 DIS, 13:25-14:15 T, Ford Hall 151, In Person Term Based; 4 cr.
55064 110 LAB, 18:50-20:45 M, Tate Hall B78, In Person Term Based; 4 cr.
55065 111 DIS, 13:25-14:15 T, Tate Hall B85, In Person Term Based; 4 cr.
55066 112 LAB, 13:15-15:05 Th, Tate Hall B78, In Person Term Based; 4 cr.
55067 120 DIS, 14:30-15:20 T, Kolthoff Hall 138, In Person Term Based; 4 cr.
55068 121 LAB, 12:20-14:15 T, Tate Hall B78, In Person Term Based; 4 cr.
55069 122 DIS, 14:30-15:20 T, Smith Hall 111, In Person Term Based; 4 cr.
55070 123 LAB, 14:30-16:25 F, Tate Hall B78, In Person Term Based; 4 cr.
67800 124 DIS, 14:30-15:20 T, Rapson Hall 58, In Person Term Based; ; 4 cr.
67801 125 LAB, 17:45-19:40 T, Tate Hall B78, In Person Term Based; 4 cr.
67802 126 DIS, 14:30-15:20 T, Bruininks Hall 117, In Person Term Based; ; 4 cr.
67803 127 LAB, 9:05-11:00 W, Tate Hall B78, In Person Term Based; Lindsay Glesener ; 4 cr.
67804 128 DIS, 14:30-15:20 T, Bruininks Hal 121, In Person Term Based; ; 4 cr.

67805 129 LAB, 11:15-13:10 W, Tate Hall B78, In Person Term Based; 4 cr.
67806 130 DIS, 14:30-15:20 T, Vincent Hall 301, In Person Term Based; ; 4 cr.
67807 131 LAB, 14:30-16:25 W, Tate Hall B78, In Person Term Based; 4 cr.

1102W Introductory College Physics II

(Student Option; Prereq: 1101W or 1107PHYS,WI)
55071 100 LEC, 17:45-19:25 TTh, Tate Hall B50, In Person Term Based; Michael Zudov ; 4 cr.
55072 101 DIS, 16:40-17:30 W, Amundson Hall 156, In Person Term Based; 4 cr.
55073 102 LAB, 14:30-16:25 M, Tate Hall B76, In Person Term Based; 4 cr.
55074 103 DIS, 16:40-17:30 W, Ford Hall 115, In Person Term Based; 4 cr.
55075 104 LAB, 16:40-18:35 M, Tate Hall B76, In Person Term Based; 4 cr.
55082 126 DIS, 17:45-18:35 W, Tate Hall B45, In Person Term Based; 4 cr.
55083 127 LAB, 13:25-15:20 W, Tate Hall B76, In Person Term Based; 4 cr.
55589 109 DIS, 16:40-17:30 W, Tate Hall B85, In Person Term Based; 4 cr.
55590 110 LAB, 11:15-13:10 T, Tate Hall B76, In Person Term Based; 4 cr.
57741 106 LAB, 18:50-20:45 M, Tate Hall B76, In Person Term Based; 4 cr.
57750 105 DIS, 16:40-17:30 W, Tate Hall 120, In Person Term Based; 4 cr.
67813 128 DIS, 17:45-18:35 W, Kolthoff Hall 134, In Person Term Based; ; 4 cr.
67814 129 LAB, 15:35-17:30 W, Tate Hall B76, In Person Term Based; 4 cr.
67815 130 DIS, 17:45-18:35 W, Tate Hall 120, In Person Term Based; ; 4 cr.
67816 131 LAB, 18:50-20:45 W, Tate Hall B76, In Person Term Based; 4 cr.
67817 132 DIS, 17:45-18:35 W, Tate Hall B85, In Person Term Based; ; 4 cr.
67818 133 LAB, 10:10-12:05 Th, Tate Hall B76, In Person Term Based; 4 cr.

1108 Introductory Physics Online II

(Student Option; Prereq: 1101W or 1107; primarily for students interested in technical areas)
56837 301 IND, 00:00-00:00 , ONLINE, Completely Online; Pete Border ; 4 cr.

1201W Introductory Physics for Biology and Pre-medicine I

(Student Option; Prereq: [High school or college calculus], trigonometry, algebraPHYS,WI)
55779 100 LEC, 15:35-16:25 MTWF, Tate Hall B50, In Person Term Based; Aaron Wynveen ; 5 cr.
55780 102 LAB, 8:00- 9:55 T, Tate Hall B59, In Person Term Based; 5 cr.
55781 106 LAB, 10:10-12:05 T, Tate Hall B59, In Person Term Based; 5 cr.
55782 108 LAB, 12:20-14:15 T, Tate Hall B59, In Person Term Based; 5 cr.
55783 110 LAB, 16:40-18:35 T, Tate Hall B59, In Person Term Based; 5 cr.
55784 112 LAB, 8:00- 9:55 W, Tate Hall B59, In Person Term Based; 5 cr.
55785 116 LAB, 10:10-12:05 W, Tate Hall B59, In Person Term Based; 5 cr.
55800 123 LAB, 12:20-14:15 W, Tate Hall B59, In Person Term Based; 5 cr.
55840 125 LAB, 11:15-13:10 F, Tate Hall B59, In Person Term Based; 5 cr.
55841 127 LAB, 17:45-19:40 W, Tate Hall B59, In Person Term Based; 5 cr.
55842 129 LAB, 8:00- 9:55 Th, Tate Hall B59, In Person Term Based; 5 cr.
55846 133 LAB, 10:10-12:05 Th, Tate Hall B59, In Person Term Based; 5 cr.
55897 101 DIS, 14:30-15:20 Th, Tate Hall 120, In Person Term Based; 4 cr.
55898 105 DIS, 14:30-15:20 Th, Tate Hall B85, In Person Term Based; 5 cr.
55899 107 DIS, 14:30-15:20 Th, Rapson Hall 58, In Person Term Based; 5 cr.
55900 109 DIS, 14:30-15:20 Th, Vincent Hall 213, In Person Term Based; 5 cr.
55901 111 DIS, 14:30-15:20 Th, Vincent Hall 206, In Person Term Based; 5 cr.
55902 115 DIS, 14:30-15:20 Th, Pillsbury Hall 105, In Person Term Based; 5 cr.
55903 122 DIS, 14:30-15:20 Th, Akerman Hall 317, In Person Term Based; 5 cr.
55904 124 DIS, 15:35-16:25 Th, Lind Hall 315, In Person Term Based; 5 cr.
55905 126 DIS, 15:35-16:25 Th, Vincent Hall 301, In Person Term Based; 5 cr.

55906 128 DIS, 15:35-16:25 Th, Tate Hall 120, In Person Term Based; 5 cr.
 55907 132 DIS, 15:35-16:25 Th, Vincent Hall 213, In Person Term Based; 5 cr.
 67831 134 DIS, 15:35-16:25 Th, Ford Hall 170, In Person Term Based; ; 5 cr.
 67832 135 LAB, 12:20-14:15 Th, Tate Hall B59, In Person Term Based; 5 cr.
 67833 136 DIS, 15:35-16:25 Th, Burton Hall 123, In Person Term Based; ; 5 cr.
 67834 137 LAB, 16:40-18:35 Th, Tate Hall B59, In Person Term Based; 5 cr.
 67835 138 DIS, 15:35-16:25 Th, Vincent Hall 313, In Person Term Based; ; 5 cr.
 67836 139 LAB, 9:05-11:00 F, Tate Hall B59, In Person Term Based; 5 cr.

1202W Introductory Physics for Biology and Pre-medicine II

(Student Option; Prereq: 1201WPHYS,WI)
 55084 100 LEC, 10:10-11:00 MTWF, Tate Hall B50, In Person Term Based; Paul Haines ; 5 cr.
 55085 102 LAB, 13:25-15:20 M, Tate Hall B74, In Person Term Based; 5 cr.
 55086 106 LAB, 15:35-17:30 M, Tate Hall B74, In Person Term Based; 5 cr.
 55087 131 LAB, 14:30-16:25 T, Tate Hall B74, In Person Term Based; 5 cr.
 55088 137 LAB, 16:40-18:35 T, Tate Hall B74, In Person Term Based; 5 cr.
 55908 101 DIS, 10:10-11:00 Th, Civil Engineering Bldg 213, In Person Term Based; 5 cr.
 55909 105 DIS, 10:10-11:00 Th, Folwell Hall 10, In Person Term Based; 5 cr.
 55910 130 DIS, 10:10-11:00 Th, Rapson Hall 43, In Person Term Based; 5 cr.
 55911 136 DIS, 10:10-11:00 Th, Bruininks Hall 530A, In Person Term Based; 5 cr.
 55973 200 LEC, 12:20-13:10 MTWF, Tate Hall B20, In Person Term Based; James Eckert ; 5 cr.
 55974 201 DIS, 12:20-13:10 Th, Ford Hall 170, In Person Term Based; 5 cr.
 55975 202 LAB, 14:30-16:25 M, Tate Hall B70, In Person Term Based; 5 cr.
 55976 203 DIS, 12:20-13:10 Th, Vincent Hall 313, In Person Term Based; 5 cr.
 55977 204 LAB, 16:40-18:35 M, Tate Hall B70, In Person Term Based; 5 cr.
 55978 207 DIS, 12:20-13:10 Th, Vincent Hall 364, In Person Term Based; 5 cr.
 55979 208 LAB, 8:00- 9:55 T, Tate Hall B70, In Person Term Based; 5 cr.
 55980 209 DIS, 12:20-13:10 Th, Vincent Hall 2, In Person Term Based; 5 cr.
 55981 210 LAB, 10:10-12:05 T, Tate Hall B74, In Person Term Based; 5 cr.
 55982 230 DIS, 13:25-14:15 Th, Vincent Hall 313, In Person Term Based; 5 cr.
 55983 231 LAB, 15:35-17:30 W, Tate Hall B70, In Person Term Based; 5 cr.
 55984 232 DIS, 13:25-14:15 Th, Akerman Hall 319, In Person Term Based; 5 cr.
 55985 233 LAB, 10:10-12:05 Th, Tate Hall B70, In Person Term Based; 5 cr.
 55986 234 DIS, 13:25-14:15 Th, Tate Hall B85, In Person Term Based; 5 cr.
 55987 235 LAB, 14:30-16:25 Th, Tate Hall B70, In Person Term Based; 5 cr.
 56444 111 DIS, 10:10-11:00 Th, Social Sciences Building 278, In Person Term Based; 5 cr.
 56445 112 LAB, 8:00- 9:55 T, Tate Hall B74, In Person Term Based; 5 cr.
 56454 113 DIS, 10:10-11:00 Th, Blegen Hall 430, In Person Term Based; 5 cr.
 56455 114 LAB, 12:20-14:15 T, Tate Hall B74, In Person Term Based; 5 cr.
 57542 143 LAB, 12:20-14:15 W, Tate Hall B74, In Person Term Based; 5 cr.
 57543 142 DIS, 11:15-12:05 Th, Scott Hall 4, In Person Term Based; 5 cr.
 67548 300 LEC, 14:30-15:20 MTWF, Tate Hall B20, In Person Term Based; Thomas Walsh ; 5 cr.
 67854 144 DIS, 11:15-12:05 Th, Bruininks Hall 119, In Person Term Based; ; 5 cr.
 67855 145 LAB, 14:30-16:25 W, Tate Hall B74, In Person Term Based; 5 cr.
 67856 146 DIS, 11:15-12:05 Th, Ford Hall 155, In Person Term Based; ; 5 cr.
 67857 147 LAB, 16:40-18:35 W, Tate Hall B74, In Person Term Based; 5 cr.
 67858 148 DIS, 11:15-12:05 Th, Kolthoff Hall 135, In Person Term Based; ; 5 cr.
 67859 149 LAB, 9:05-11:00 Th, Tate Hall B74, In Person Term Based; 5 cr.
 67860 150 DIS, 11:15-12:05 Th, Civil Engineering Bldg 213, In Person Term Based; ; 5 cr.

67861 151 LAB, 12:20-14:15 Th, Tate Hall B74, In Person Term Based; 5 cr.
 67862 152 DIS, 11:15-12:05 Th, Bruininks Hall 121, In Person Term Based; ; 5 cr.
 67863 153 LAB, 14:30-16:25 Th, Tate Hall B74, In Person Term Based; 5 cr.
 67876 302 DIS, 13:25-14:15 Th, Smith Hall 121, In Person Term Based; 5 cr.
 67877 303 LAB, 12:20-14:15 M, Tate Hall B70, In Person Term Based; Thomas Walsh ; 5 cr.
 67878 304 DIS, 13:25-14:15 Th, Folwell Hall 107, In Person Term Based; 5 cr.
 67879 305 LAB, 12:20-14:15 T, Tate Hall B70, In Person Term Based; 5 cr.
 67880 306 DIS, 13:25-14:15 Th, Peik Hall 165, In Person Term Based; 5 cr.
 67881 307 LAB, 9:05-11:00 W, Tate Hall B70, In Person Term Based; 5 cr.
 67884 310 DIS, 14:30-15:20 Th, Folwell Hall 119, In Person Term Based; 5 cr.
 67885 311 LAB, 8:00- 9:55 Th, Tate Hall B70, In Person Term Based; 5 cr.
 67886 312 DIS, 14:30-15:20 Th, Akerman Hall 313, In Person Term Based; 5 cr.
 67887 313 LAB, 12:20-14:15 Th, Folwell Hall 118, In Person Term Based; 5 cr.
 67888 314 DIS, 14:30-15:20 Th, Amundson Hall 158, In Person Term Based; 5 cr.
 67889 315 LAB, 16:40-18:35 Th, Tate Hall B70, In Person Term Based; 5 cr.

1301W Introductory Physics for Science and Engineering I

(Student Option; Prereq: concurrent registration is required (or allowed) in Math 1271 or concurrent registration is required (or allowed) in Math 1371 or concurrent registration is required (or allowed) in Math 1511PHYS,WI)
 55089 100 LEC, 10:10-11:00 MTWF, Tate Hall B20, In Person Term Based; Aaron Wynveen ; 4 cr.
 55090 101 DIS, 9:05- 9:55 Th, Vincent Hall 364, In Person Term Based; 4 cr.
 55091 102 LAB, 12:20-14:15 M, Tate Hall B61, In Person Term Based; 4 cr.
 55092 103 DIS, 9:05- 9:55 Th, Kolthoff Hall 132, In Person Term Based; 4 cr.
 55093 104 LAB, 14:30-16:25 M, Tate Hall B61, In Person Term Based; 4 cr.
 55094 105 DIS, 9:05- 9:55 Th, Burton Hall 123, In Person Term Based; 4 cr.
 55095 106 LAB, 14:30-16:24 T, Tate Hall B61, In Person Term Based; 4 cr.
 55096 109 DIS, 9:05- 9:55 Th, Pillsbury Hall 125B, In Person Term Based; 4 cr.
 55097 110 LAB, 14:30-16:25 W, Tate Hall B61, In Person Term Based; 4 cr.
 55098 130 DIS, 10:10-11:00 Th, Hubert H. Humphrey School 60, In Person Term Based; 4 cr.
 55099 131 LAB, 8:00- 9:55 W, Tate Hall B61, In Person Term Based; 4 cr.
 55100 132 DIS, 10:10-11:00 Th, Peik Gymnasium G55, In Person Term Based; 4 cr.
 55101 133 LAB, 12:20-14:15 Th, Tate Hall B61, In Person Term Based; 4 cr.
 55102 134 DIS, 10:10-11:00 Th, Armory Building 116, In Person Term Based; 4 cr.
 55103 135 LAB, 14:30-16:25 Th, Tate Hall B61, In Person Term Based; 4 cr.
 57561 144 DIS, 10:10-11:00 Th, Hanson Hall 1-109, In Person Term Based; 4 cr.
 57562 145 LAB, 18:50-20:45 Th, Tate Hall B61, In Person Term Based; 4 cr.
 67549 200 LEC, 15:35-16:25 MTWF, Tate Hall B20, In Person Term Based; Fiona Burnell ; 4 cr.
 67838 202 LAB, 16:40-18:35 M, Tate Hall B61, In Person Term Based; 4 cr.
 67839 204 LAB, 8:00- 9:55 T, Tate Hall B61, In Person Term Based; 4 cr.
 67842 220 LAB, 18:50-20:45 T, Tate Hall B61, In Person Term Based; 4 cr.
 67843 222 LAB, 10:10-12:05 W, Tate Hall B61, In Person Term Based; 4 cr.
 67844 224 LAB, 16:40-18:35 W, Tate Hall B61, In Person Term Based; 4 cr.
 67846 201 DIS, 15:35-16:25 Th, Peik Hall 165, In Person Term Based; ; 4 cr.
 67847 203 DIS, 15:35-16:25 Th, Amundson Hall 162, In Person Term Based; ; 4 cr.
 67848 205 DIS, 15:35-16:25 Th, Vincent Hall 364, In Person Term Based; ; 4 cr.
 67849 221 DIS, 16:40-17:30 Th, Vincent Hall 213, In Person Term Based; ; 4 cr.
 67852 223 DIS, 16:40-17:30 Th, Kolthoff Hall 133, In Person Term Based; ; 4 cr.
 67866 206 LAB, 10:10-12:05 T, Tate Hall B61, In Person Term Based; 4 cr.

67867 219 DIS, 16:40-17:30 Th, Kolthoff Hall 135, In Person Term Based; ; 4 cr.

1302W Introductory Physics for Science and Engineering II

(Student Option; Prereq: 1301W, concurrent registration is required (or allowed) in Math 1272 or Math 1372 or Math 1572PHYS,WI)
 55104 100 LEC, 8:00- 8:50 MTWF, Tate Hall B50, In Person Term Based; Oriol Valls ; 4 cr.
 55105 101 DIS, 8:00- 8:50 Th, Vincent Hall 209, In Person Term Based; 4 cr.
 55106 102 LAB, 12:20-14:15 M, Tate Hall B23, In Person Term Based; 4 cr.
 55107 103 DIS, 8:00- 8:50 Th, Amundson Hall 156, In Person Term Based; 4 cr.
 55108 104 LAB, 14:30-16:25 M, Tate Hall B23, In Person Term Based; 4 cr.
 55109 105 DIS, 8:00- 8:50 Th, Tate Hall 120, In Person Term Based; 4 cr.
 55110 106 LAB, 9:05-11:00 T, Tate Hall B63, In Person Term Based; 4 cr.
 55111 121 DIS, 9:05- 9:55 Th, Vincent Hall 213, In Person Term Based; 4 cr.
 55112 122 LAB, 12:20-14:15 T, Tate Hall B72, In Person Term Based; 4 cr.
 55113 123 DIS, 9:05- 9:55 Th, Amundson Hall 156, In Person Term Based; 4 cr.
 55114 124 LAB, 13:25-15:20 T, Tate Hall B63, In Person Term Based; 4 cr.
 55115 125 DIS, 9:05- 9:55 Th, Folwell Hall 10, In Person Term Based; 4 cr.
 55116 126 LAB, 10:10-12:05 W, Tate Hall B63, In Person Term Based; 4 cr.
 55117 111 DIS, 8:00- 8:50 Th, Tate Hall B45, In Person Term Based; 4 cr.
 55118 112 LAB, 11:15-13:10 T, Tate Hall B63, In Person Term Based; 4 cr.
 55119 129 DIS, 9:05- 9:55 Th, Ford Hall 151, In Person Term Based; 4 cr.
 55120 130 LAB, 11:15-13:10 Th, Tate Hall B26, In Person Term Based; 4 cr.
 55121 300 LEC, 11:15-12:05 MTWF, Tate Hall B50, In Person Term Based; Marvin Marshak ; 4 cr.
 55122 301 DIS, 10:10-11:00 Th, Pillsbury Hall 110, In Person Term Based; 4 cr.
 55123 302 LAB, 16:40-18:35 M, Tate Hall B63, In Person Term Based; 4 cr.
 55124 303 DIS, 10:10-11:00 Th, Carlson School of Mgmt 1-136, In Person Term Based; 4 cr.
 55125 304 LAB, 13:25-15:20 T, Tate Hall B23, In Person Term Based; 4 cr.
 55126 305 DIS, 10:10-11:00 Th, Ford Hall 151, In Person Term Based; 4 cr.
 55127 306 LAB, 16:40-18:35 T, Tate Hall B26, In Person Term Based; 4 cr.
 55128 307 DIS, 10:10-11:00 Th, Kolthoff Hall 137, In Person Term Based; 4 cr.
 55129 308 LAB, 8:00- 9:55 W, Tate Hall B23, In Person Term Based; 4 cr.
 55130 309 DIS, 10:10-11:00 Th, Amundson Hall 104, In Person Term Based; ; 4 cr.
 55131 310 LAB, 8:00- 9:55 W, Tate Hall B72, In Person Term Based; 4 cr.
 55132 311 DIS, 10:10-11:00 Th, Pillsbury Hall 125B, In Person Term Based; 4 cr.
 55133 312 LAB, 9:05-11:00 W, Tate Hall B26, In Person Term Based; 4 cr.
 55134 329 DIS, 11:15-12:05 Th, Molecular Cellular Biol 2-120, In Person Term Based; 4 cr.
 55135 330 LAB, 8:00- 9:55 Th, Tate Hall B72, In Person Term Based; 4 cr.
 55136 331 DIS, 11:15-12:05 Th, Hubert H. Humphrey School 20, In Person Term Based; 4 cr.
 55137 332 LAB, 8:00- 9:55 Th, Tate Hall B63, In Person Term Based; 4 cr.
 55138 333 DIS, 11:15-12:05 Th, Blegen Hall 135, In Person Term Based; 4 cr.
 55139 334 LAB, 13:25-15:20 Th, Tate Hall B23, In Person Term Based; 4 cr.
 55140 335 DIS, 11:15-12:05 Th, Armory Building 116, In Person Term Based; 4 cr.
 55141 336 LAB, 15:35-17:30 Th, Tate Hall B26, In Person Term Based; 4 cr.
 55142 337 DIS, 11:15-12:05 Th, Tate Hall B55, In Person Term Based; 4 cr.
 55143 338 LAB, 8:00- 9:55 F, Tate Hall B23, In Person Term Based; 4 cr.
 55144 423 DIS, 13:25-14:15 Th, Tate Hall B55, In Person Term Based; 4 cr.
 55145 424 LAB, 8:00- 9:55 Th, Tate Hall B23, In Person Term Based; 4 cr.
 55146 425 DIS, 13:25-14:15 Th, Tate Hall B45, In Person Term Based; 4 cr.
 55147 426 LAB, 10:10-12:05 Th, Tate Hall B63, In Person Term Based; 4 cr.

55148 400 LEC, 13:25-14:15 MTWF, Tate Hall B20, In Person Term Based; Martin Greven ; 4 cr.	57591 629 DIS, 20:45-21:35 M, Tate Hall 120, In Person Term Based; 4 cr.	56836 107 LAB, 12:20-14:15 T, Tate Hall B82, In Person Term Based; Meets With: 107 PHYS 1502V; 4 cr.
55149 401 DIS, 12:20-13:10 Th, Civil Engineering Bldg 213, In Person Term Based; 4 cr.	57592 630 LAB, 11:15-13:10 Th, Tate Hall B23, In Person Term Based; 4 cr.	56955 006 DIS, 12:20-13:10 Th, Nicholson Hall 355, In Person Term Based; 4 cr.
55150 402 LAB, 10:10-12:05 M, Tate Hall B26, In Person Term Based; 4 cr.	67550 200 LEC, 9:05- 9:55 MTWF, Tate Hall B50, In Person Term Based; Robert Lysak ; 4 cr.	69320 108 LAB, 8:00- 9:55 W, Tate Hall B82, In Person Term Based; 4 cr.
55153 405 DIS, 12:20-13:10 Th, Tate Hall B55, In Person Term Based; 4 cr.	67868 203 DIS, 8:00- 8:50 Th, Folwell Hall 32, In Person Term Based; 4 cr.	69321 109 LAB, 10:10-12:05 Th, Tate Hall B82, In Person Term Based; 4 cr.
55154 406 LAB, 8:00- 9:55 T, Tate Hall B26, In Person Term Based; 4 cr.	67869 205 DIS, 8:00- 8:50 Th, Folwell Hall 31, In Person Term Based; 4 cr.	69322 110 LAB, 14:30-16:25 Th, Tate Hall B82, In Person Term Based; 4 cr.
55155 419 DIS, 13:25-14:15 Th, Tate Hall B65, In Person Term Based; 4 cr.	67870 208 LAB, 16:40-18:35 T, Tate Hall B72, In Person Term Based; 4 cr.	69323 111 LAB, 16:40-18:35 Th, Tate Hall B82, In Person Term Based; 4 cr.
55156 420 LAB, 16:40-18:35 W, Tate Hall B72, In Person Term Based; 4 cr.	67871 212 LAB, 12:20-14:15 W, Tate Hall B63, In Person Term Based; 4 cr.	69324 112 LAB, 9:05-11:00 F, Tate Hall B82, In Person Term Based; 4 cr.
55565 107 DIS, 8:00- 8:50 Th, Tate Hall B85, In Person Term Based; 4 cr.	67872 206 LAB, 15:35-17:30 T, Tate Hall B23, In Person Term Based; 4 cr.	
55566 108 LAB, 10:10-12:05 T, Tate Hall B72, In Person Term Based; 4 cr.	67873 202 LAB, 12:20-14:15 M, Tate Hall B26, In Person Term Based; 4 cr.	1902 Nanotechnology (A-F or Audit;)
55567 109 DIS, 8:00- 8:50 Th, Vincent Hall 213, In Person Term Based; 4 cr.	67874 207 DIS, 8:00- 8:50 Th, Kolthoff Hall 132, In Person Term Based; 4 cr.	68491 001 LEC, 10:10-11:00 MW, Physics & Nanotechnology 110, In Person Term Based; Eric Ganz, ; 2 cr.
55568 110 LAB, 10:10-12:05 T, Tate Hall B26, In Person Term Based; 4 cr.	67875 201 DIS, 8:00- 8:50 Th, Lind Hall 303, In Person Term Based; 4 cr.	1906 What is Space Weather (and why should you care)? (Student Option;)
55569 127 DIS, 9:05- 9:55 Th, Amundson Hall 120, In Person Term Based; 4 cr.	67894 232 LAB, 15:35-17:30 Th, Tate Hall B23, In Person Term Based; 4 cr.	68099 001 LEC, 12:20-14:00 M, Civil Engineering Bldg 214, In Person Term Based; Cynthia Cattell ; 2 cr.
55570 128 LAB, 13:25-15:20 W, Tate Hall B26, In Person Term Based; 4 cr.	67895 230 LAB, 16:40-18:35 Th, Tate Hall B63, In Person Term Based; 4 cr.	1907 The Physics of Warfare (Student Option;)
55571 407 DIS, 12:20-13:10 Th, Folwell Hall 107, In Person Term Based; 4 cr.	67896 228 LAB, 13:25-15:20 Th, Tate Hall B26, In Person Term Based; 4 cr.	68100 001 LEC, 9:05-11:00 T, Civil Engineering Bldg 213, In Person Term Based; Allen Goldman ; 2 cr.
55572 408 LAB, 14:30-16:25 T, Tate Hall B72, In Person Term Based; 4 cr.	67897 226 LAB, 12:20-14:15 Th, Tate Hall B72, In Person Term Based; 4 cr.	1911W How Likely is Extraterrestrial Life? (A-F or Audit; WI)
55573 421 DIS, 13:25-14:15 Th, Ford Hall 151, In Person Term Based; 4 cr.	67898 224 LAB, 12:20-14:15 Th, Tate Hall B63, In Person Term Based; 4 cr.	68210 100 LEC, 10:10-11:00 MW, Tate Hall 120, In Person Term Based; J Halley ; 2 cr.
55574 422 LAB, 17:45-19:40 W, Tate Hall B26, In Person Term Based; 4 cr.	67899 222 LAB, 16:40-18:35 W, Tate Hall B63, In Person Term Based; 4 cr.	2303 Physics III: Physics of Matter (Student Option; Prereq: 1302, [MATH 1272 or MATH 1372 or MATH 1572H], [MatSci or EE] student)
57267 600 LEC, 17:45-19:25 MW, Tate Hall B50, In Person Term Based; Roger Rusack ; 4 cr.	67900 211 DIS, 8:00- 8:50 Th, Kolthoff Hall 135, In Person Term Based; 4 cr.	55157 001 LEC, 14:30-15:20 MTWF, Tate Hall B50, In Person Term Based; Cheng-Cher Huang ; 4 cr.
57268 601 DIS, 19:40-20:30 M, Tate Hall B55, In Person Term Based; 4 cr.	67901 209 DIS, 8:00- 8:50 Th, Lind Hall 315, In Person Term Based; 4 cr.	2601 Quantum Physics (Student Option; Prereq: [2503H or 2503], [concurrent registration is required (or allowed) in Math 2243 or Math 2373 or Math 2574H])
57269 602 LAB, 14:30-16:25 T, Tate Hall B26, In Person Term Based; 4 cr.	67903 213 DIS, 8:00- 8:50 Th, Kolthoff Hall 140, In Person Term Based; 4 cr.	55881 001 LEC, 14:30-15:20 MWF, Tate Hall 105, In Person Term Based; Vuk Mandic ; 4 cr.
57270 603 DIS, 19:40-20:30 M, Tate Hall B45, In Person Term Based; 4 cr.	67904 219 DIS, 9:05- 9:55 Th, Folwell Hall 119, In Person Term Based; 4 cr.	55882 003 DIS, 11:15-12:05 M, Vincent Hall 313, In Person Term Based; 4 cr.
57271 604 LAB, 9:05-11:00 T, Tate Hall B23, In Person Term Based; 4 cr.	67905 221 DIS, 9:05- 9:55 Th, Ford Hall 170, In Person Term Based; 4 cr.	55883 004 DIS, 13:25-14:15 M, Tate Hall B45, In Person Term Based; 4 cr.
57272 605 DIS, 19:40-20:30 M, Ford Hall 170, In Person Term Based; 4 cr.	67906 223 DIS, 9:05- 9:55 Th, Civil Engineering Bldg 213, In Person Term Based; 4 cr.	55884 005 DIS, 9:05- 9:55 M, Tate Hall 120, In Person Term Based; 4 cr.
57273 606 LAB, 17:45-19:40 T, Tate Hall B23, In Person Term Based; 4 cr.	67907 225 DIS, 9:05- 9:55 Th, Cooke Hall 206, In Person Term Based; 4 cr.	56805 006 DIS, 13:25-14:15 T, Tate Hall B55, In Person Term Based; 4 cr.
57274 607 DIS, 19:40-20:30 M, Tate Hall 120, In Person Term Based; 4 cr.	67908 227 DIS, 9:05- 9:55 Th, Ford Hall B10, In Person Term Based; 4 cr.	57095 007 DIS, 11:15-12:05 T, Tate Hall B45, In Person Term Based; 4 cr.
57275 608 LAB, 17:45-19:40 T, Tate Hall B63, In Person Term Based; 4 cr.	67909 229 DIS, 9:05- 9:55 Th, Akerman Hall 225, In Person Term Based; 4 cr.	
57278 621 DIS, 20:45-21:35 M, Tate Hall B45, In Person Term Based; 4 cr.	67910 231 DIS, 9:05- 9:55 Th, Appleby Hall 219, In Person Term Based; 4 cr.	3022 Introduction to Cosmology (Student Option; Prereq: 2601)
57279 622 LAB, 19:55-21:50 Th, Tate Hall B26, In Person Term Based; 4 cr.	67911 204 LAB, 11:15-13:10 T, Tate Hall B23, In Person Term Based; 4 cr.	57596 001 LEC, 11:15-12:30 MW, Tate Hall 120, In Person Term Based; Lucy Fortson ; 3 cr.
57280 623 DIS, 20:45-21:35 M, Ford Hall 170, In Person Term Based; 4 cr.	67912 210 LAB, 11:15-13:10 W, Tate Hall B26, In Person Term Based; 4 cr.	3041 Mathematical Methods for Physicists (Student Option; Prereq: PHYS 1302, MATH 2373 (or equivalent courses))
57281 624 LAB, 9:05-11:00 Th, Tate Hall B26, In Person Term Based; 4 cr.	67913 214 LAB, 13:25-15:20 W, Tate Hall B23, In Person Term Based; 4 cr.	68040 001 LEC, 15:35-16:25 MWF, Tate Hall 105, In Person Term Based; Marco Peloso ; 3 cr.
57282 625 DIS, 20:45-21:35 M, Amundson Hall 104, In Person Term Based; 4 cr.	67914 220 LAB, 14:30-16:25 W, Tate Hall B63, In Person Term Based; 4 cr.	3071W Laboratory-Based Physics for Teachers (Student Option; Prereq: College algebra; no credit for CSE students or students who have completed PHYS 1201/1202, PHYS 1301/1301, PHYS 1401/1402, or PHYS 1501/1502.PHYS.WI)
57283 626 LAB, 15:35-17:30 Th, Tate Hall B72, In Person Term Based; 4 cr.	67917 342 LAB, 9:05-11:00 F, Tate Hall B63, In Person Term Based; 4 cr.	57092 001 LAB, 9:05-12:05 MW, Tate Hall B80, In Person Term Based; Steven Brehmer ; 4 cr.
57565 113 DIS, 8:00- 8:50 Th, Ford Hall 170, In Person Term Based; 4 cr.	67918 341 DIS, 11:15-12:05 Th, Vincent Hall 209, In Person Term Based; 4 cr.	3605W Modern Physics Laboratory (Student Option; Prerequisites: completion (or concurrent registration) in PHYS 2503 or 2503H.WI)
57566 114 LAB, 12:20-14:15 T, Tate Hall B26, In Person Term Based; 4 cr.	67956 613 DIS, 19:40-20:30 M, Ford Hall B29, In Person Term Based; 4 cr.	68041 001 LEC, 12:20-13:10 T, Tate Hall 110, In Person Term Based; Vlad Pribiag ; 3 cr.
57567 131 DIS, 9:05- 9:55 Th, Vincent Hall 313, In Person Term Based; 4 cr.	67957 614 LAB, 15:35-17:30 W, Tate Hall B23, In Person Term Based; 4 cr.	68045 002 LAB, 8:00-11:00 M, Tate Hall B40, In Person Term Based; 3 cr.
57568 132 LAB, 14:30-16:25 Th, Tate Hall B63, In Person Term Based; 4 cr.	1402V Honors Physics II (A-F only; Prereq: 1401V, honors student or permission of University Honors ProgramPHYS,WI)	68046 003 LAB, 8:00-11:00 T, Tate Hall B40, In Person Term Based; 3 cr.
57569 133 DIS, 9:05- 9:55 Th, Tate Hall B45, In Person Term Based; 4 cr.	55158 002 DIS, 11:15-12:05 Th, Kolthoff Hall 139, In Person Term Based; 4 cr.	68047 004 LAB, 10:10-13:10 W, Tate Hall B40, In Person Term Based; 3 cr.
57570 134 LAB, 17:45-19:40 Th, Tate Hall B26, In Person Term Based; 4 cr.	55159 003 DIS, 11:15-12:05 Th, Amundson Hall 162, In Person Term Based; 4 cr.	68048 005 LAB, 9:05-12:05 Th, Tate Hall B40, In Person Term Based; 3 cr.
57571 313 DIS, 10:10-11:00 Th, Tate Hall B45, In Person Term Based; 4 cr.	55160 004 DIS, 11:15-12:05 Th, Akerman Hall 313, In Person Term Based; 4 cr.	
57572 314 LAB, 15:35-17:30 W, Tate Hall B26, In Person Term Based; 4 cr.	55161 005 DIS, 12:20-13:10 Th, Amundson Hall 162, In Person Term Based; 4 cr.	
57573 339 DIS, 11:15-12:05 Th, Ford Hall 151, In Person Term Based; 4 cr.	55162 101 LAB, 12:20-14:15 M, Tate Hall B82, In Person Term Based; Meets With: 101 PHYS 1502V; 4 cr.	
57574 340 LAB, 8:00- 9:55 F, Tate Hall B72, In Person Term Based; 4 cr.	55163 102 LAB, 14:30-16:25 T, Tate Hall B82, In Person Term Based; Meets With: 102 PHYS 1502V; 4 cr.	
57575 409 DIS, 12:20-13:10 Th, Tate Hall B45, In Person Term Based; 4 cr.	55164 103 LAB, 14:30-16:25 W, Tate Hall B82, In Person Term Based; Meets With: 103 PHYS 1502V; 4 cr.	
57576 410 LAB, 10:10-12:05 W, Tate Hall B72, In Person Term Based; 4 cr.	55165 104 LAB, 14:30-16:25 M, Tate Hall B82, In Person Term Based; Meets With: 104 PHYS 1502V; 4 cr.	
57585 609 DIS, 19:40-20:30 M, Tate Hall B85, In Person Term Based; 4 cr.	55166 105 LAB, 8:00- 9:55 T, Tate Hall B82, In Person Term Based; Meets With: 105 PHYS 1502V; 4 cr.	
57586 610 LAB, 18:50-20:45 T, Tate Hall B72, In Person Term Based; 4 cr.	55167 106 LAB, 12:20-14:15 W, Tate Hall B82, In Person Term Based; Meets With: 106 PHYS 1502V; 4 cr.	
57589 627 DIS, 20:45-21:35 M, Tate Hall B85, In Person Term Based; 4 cr.	55759 001 LEC, 11:15-12:05 MTWF, Tate Hall B20, In Person Term Based; James Kakalios ; 4 cr.	
57590 628 LAB, 17:45-19:40 Th, Tate Hall B72, In Person Term Based; 4 cr.		

68049 006 LAB, 11:15-14:15 F, Tate Hall B40, In Person
Term Based; 3 cr.

3993 Directed Studies

(Student Option; Prereq: instr consent, dept consent)
55361 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

3994 Directed Research

(Student Option; Prereq: instr consent, dept consent)
55364 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

4001 Analytical Mechanics

(Student Option; Prerequisites developed as required. prereq: [2303 or 2601 or Chem 3501 or Chem 3502], two sems soph math)

57730 001 LEC, 12:20-13:10 MWF, Bruininks Hall 512B, In Person Term Based; Ken Heller ; 4 cr.

57731 002 DIS, 12:20-13:10 Th, Bruininks Hall 432A, In Person Term Based; 4 cr.

4002 Electricity and Magnetism

(Student Option; Prereq: [2303 or 2601 or Chem 3501 or Chem 3502], two sems soph math)

55168 001 LEC, 11:15-12:05 MWF, Akerman Hall 225, In Person Term Based; Rafael Fernandes ; 4 cr.

55822 002 DIS, 11:15-12:05 T, Tate Hall B55, In Person Term Based; 4 cr.

55845 003 DIS, 11:15-12:05 T, Ford Hall 151, In Person Term Based; 4 cr.

56807 004 DIS, 12:20-13:10 T, Tate Hall B55, In Person Term Based; 4 cr.

57081 005 DIS, 12:20-13:10 T, Tate Hall B45, In Person Term Based; 4 cr.

4051 Methods of Experimental Physics I

(Student Option; Prereq: concurrent registration is required (or allowed) in 2605 or equiv lab experience or instr consent)

57640 001 LEC, 9:05- 9:55 MWF, Tate Hall B45, In Person Term Based; Elias Puchner, Kelly Michel ; 5 cr.

57641 002 LAB, 8:00- 9:55 TTh, Tate Hall B30, In Person Term Based; 5 cr.

57644 005 LAB, 16:40-18:35 TTh, Tate Hall B30, In Person Term Based; 5 cr.

4052W Methods of Experimental Physics II

(Student Option; Prereq: 4051WI)

55169 001 LEC, 14:30-15:20 MWF, Tate Hall 110, In Person Term Based; E Dahlberg, Ke Wang ; 5 cr.

55170 002 LAB, 10:10-12:05 TTh, Tate Hall B30, In Person Term Based; E Dahlberg ; 5 cr.

55171 003 LAB, 12:20-14:15 MW, Tate Hall B30, In Person Term Based; E Dahlberg ; 5 cr.

55798 004 LAB, 14:30-16:25 TTh, Tate Hall B30, In Person Term Based; E Dahlberg ; 5 cr.

56808 005 LAB, 8:00- 9:55 MW, Tate Hall B30, In Person Term Based; E Dahlberg ; 5 cr.

4121W History of 20th-Century Physics

(Student Option; WI)

57672 001 LEC, 16:40-19:20 Th, Keller Hall 3-115, In Person Term Based; Meets With: 001 HSCI 4121W; Michel Janssen ; 3 cr.

4211 Introduction to Solid-State Physics

(Student Option; Prereq: 4101, 4201)

55176 001 LEC, 10:10-11:00 MWF, Tate Hall 110, In Person Term Based; Natalia Perkins ; 3 cr.

4501 Experimental Project

(Student Option; Prereq: 4052, instr consent)

55177 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

4511 Introduction to Nuclear and Particle Physics

(Student Option; Prereq: 4101)

55786 001 LEC, 12:20-13:10 MWF, Tate Hall B65, In Person Term Based; Priscilla Cushman ; 3 cr.

4911 Introduction to Biopolymer Physics

(Student Option; Prereq: [2303, 2403H, 2503] or Chem 3501 or instr consent)

67551 001 LEC, 8:00- 8:50 MWF, Tate Hall B45, In Person Term Based; Meets With: 001 PHYS 5081; Joachim Mueller ; 3 cr.

4950H Senior Thesis

(S-N or Audit; Prereq: instr consent)

55847 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

4960H Honors Seminar

(Student Option No Audit; Prereq: Upper div honors, instr consent)

57180 001 LEC, 16:40-17:30 M, Tate Hall B45, In Person Term Based; 1 cr.

4993 Directed Studies

(Student Option; Prereq: instr consent)

56438 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

4994 Directed Research

(Student Option; Prereq: instr consent)

56439 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

5002 Quantum Mechanics II

(Student Option; Prereq: 5001 or equiv)

55369 001 LEC, 9:05- 9:55 MWF, Tate Hall B65, In Person Term Based; Yongzhong Qian ; 4 cr.

56816 002 DIS, 11:15-12:05 Th, Tate Hall B45, In Person Term Based; 4 cr.

56817 003 DIS, 12:20-13:10 Th, Lind Hall 303, In Person Term Based; 4 cr.

5012 Classical Physics II

(Student Option; Prereq: 5011 or instr consent)

55370 001 LEC, 10:10-11:00 MTWF, Tate Hall B65, In Person Term Based; Daniel Cronin-Hennessy ; 4 cr.

5041 Mathematical Methods for Physics

(Student Option; Prereq: 2601 or grad student)

57380 001 LEC, 13:25-14:15 MTWF, Tate Hall B65, In Person Term Based; Joseph Kapusta ; 4 cr.

5072 Best Practices in College Physics Teaching

(Student Option;)

56581 001 DIS, 15:35-16:25 M, Tate Hall 201-20, In Person Term Based; Paul Haines ; 1-3 cr.

5081 Introduction to Biopolymer Physics

(Student Option; Prereq: working knowledge of [thermodynamics, statistical mechanics])

67552 001 LEC, 8:00- 8:50 MWF, Tate Hall B45, In Person Term Based; Meets With: 001 PHYS 4911; Joachim Mueller ; 3 cr.

5701 Solid-State Physics for Engineers and Scientists

(Student Option; Prereq: Grad or advanced undergrad in physics or engineering or the sciences)

57091 001 LEC, 9:45-11:00 TTh, Tate Hall 110, In Person Term Based; Paul Crowell ; 4 cr.

5950 Colloquium Seminar

(S-N or Audit; Prereq: [Grad student or advanced undergrad in physics], dept consent)

55365 001 LEC, 15:35-17:30 Th, Tate Hall B50, In Person Term Based; 1 cr.

5970 Physics Journal Club

(S-N only; Prereq: 2601, 2605 or equiv; intended for 2nd-yr grad students in physics)

56992 001 LEC, 15:35-16:25 M, Tate Hall 301-20, In Person Term Based; 1-3 cr.

5980 Introduction to Research Seminar

(S-N or Audit; Prereq: Grad or upper div phys major)

56804 001 LEC, 16:40-17:30 F, Tate Hall B45, In Person Term Based; Lindsay Glesener ; 1 cr.

5993 Directed Studies

(Student Option; Prereq: instr consent, dept consent)

55362 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

5994 Directed Research

(Student Option; Prereq: Jr, dept consent)

55363 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

8011 Quantum Field Theory I

(Student Option; Prereq: 8001 or instr consent)

55379 001 LEC, 12:20-13:10 MWF, Tate Hall 110, In Person Term Based; Serge Rudaz ; 3 cr.

8100 Seminar: Problems of Physics Teaching and Higher Education

(Student Option;)

55588 001 LEC, 15:35-16:25 F, Tate Hall B45, In Person Term Based; 1 cr.

8200 Seminar: Cosmology and High Energy Astrophysics

(S-N or Audit; Prereq: instr consent)

55912 001 LEC, 13:25-14:15 M, Tate Hall 201-20, In Person Term Based; 1 cr.

8300 Seminar: Biological and Medical Physics.

(S-N or Audit; Prereq: instr consent)

57006 001 LEC, 10:10-11:00 T, Tate Hall 201-20, In Person Term Based; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

55648 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

55664 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8500 Plan B Project

(Student Option; Prereq: instr consent; may be taken once to satisfy Plan B master's project requirement; no cr toward PhD)

55377 001 IND, 00:00-00:00 , , In Person Term Based; 4 cr.

8502 General Relativity and Cosmology II

(Student Option; Prereq: 8501 or instr consent)

68051 001 LEC, 11:15-12:30 TTh, Vincent Hall 206, In Person Term Based; Keith Olive ; 3 cr.

8600 Seminar: Space Physics

(S-N or Audit;)

55373 001 LEC, 12:20-13:10 T, Tate Hall 201-20, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

55682 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8700 Seminar: Condensed Matter Physics

(S-N or Audit; Prereq: instr consent)

55374 001 LEC, 13:25-14:15 W, Physics & Nanotechnology 110, In Person Term Based; 1 cr.

8702 Statistical Mechanics and Transport Theory

(Student Option; Prereq: 5201 or instr consent)

57818 001 LEC, 13:00-14:15 TTh, Tate Hall 120, In Person Term Based; J Halley ; 3 cr.

8712 Solid-State Physics II

(Student Option; Prereq: 8711 or instr consent)

55371 001 LEC, 14:30-15:45 MW, Tate Hall B45, In Person Term Based; Boris Shklovskii ; 3 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

55700 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8800 Seminar: Nuclear Physics

(S-N or Audit;)

55375 001 LEC, 11:15-12:05 F, Tate Hall 201-20, In Person Term Based; 1 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

69920 001 LEC, In Person Term Based; 1-24 cr.

8900 Seminar: Elementary Particle Physics

(S-N or Audit;)

55376 001 LEC, 15:35-16:25 W, Tate Hall 201-20, In Person Term Based; 1 cr.

8902 Elementary Particle Physics II

(Student Option; Prereq: 8901 or instr consent)

55372 001 LEC, 16:40-17:55 MW, Tate Hall B65, In Person Term Based; Tony Gherghetta ; 3 cr.

8994 Research in Physics

(Student Option; Prereq: instr consent)

55378 001 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

Physiology (PHSL)**3051 Human Physiology**

(Student Option; Prereq: [BIOL 1009 or 1 yr college bio], 1 yr college chem)

58115 001 LEC, 14:30-15:20 MWF, Moos Health Sci Tower 2-650, In Person Term Based; Dalay Olson ; 4 cr.
58116 002 LAB, 9:05-11:00 T, Moos Health Sci Tower 3-110, In Person Term Based; Dalay Olson ; 4 cr.
58509 005 LAB, 15:35-17:30 T, Moos Health Sci Tower 3-110, In Person Term Based; 4 cr.
58556 003 LAB, 13:25-15:20 T, Moos Health Sci Tower 3-110, In Person Term Based; 4 cr.

3095 Problems in Physiology

(Student Option; Prereq: concurrent registration is required (or allowed) in college physiology, instr consent)

58353 001 IND, 00:00-00:00 , , Independent/Directed Study; Vincent Barnett ; 1-5 cr.

4021 Advanced Physiology and Bioengineering: Bionic Human

(A-F only ;)

58560 001 LEC, 11:15-12:30 TTh, Bruininks Hall 512B, In Person Term Based; Susan Keirstead ; 3 cr.

4031 Physiological Discussions: Contemporary Topics

(A-F only; Prereq: 3061 or 3063 or 5061 or instr consent)

58589 001 DIS, 9:45-11:15 Th, Mayo Bldg & Additions 1250, In Person Term Based; Vincent Barnett ; 2 cr.

4095H Honors Problems in Physiology

(A-F or Audit; Prereq: &3061, physiology honors candidate, approval of director of undergrad studies in physiology.)

58113 001 IND, 00:00-00:00 , , Independent/Directed Study; Vincent Barnett ; 2-4 cr.

4242 Professional Skills Development for Biomedical Scientists

(A-F only; Prereq: PHSL 3062W is recommended.)

69108 001 DIS, 16:00-17:30 W, AHC ROOM TBA, In Person Term Based; Joseph Metzger ; 2 cr.

4900 Advanced Physiology Teaching Laboratory

(A-F only; Prereq: [3051 or [3061, 3071]], instr consent)

58666 001 LAB, 12:20-13:10 M, Moos Health Sci Tower 3-110, In Person Term Based; Lisa Anderson, Susan Keirstead ; 1-6 cr.

5094 Research in Physiology

(Student Option; Prereq: instr consent)

58259 001 IND, 00:00-00:00 , , Independent/Directed Study; Vincent Barnett ; 1-5 cr.
58354 002 IND, 00:00-00:00 , , Independent/Directed Study; Stephen Katz ; 1-5 cr.

5095 Problems in Physiology

(Student Option; Prereq: instr consent)

58114 001 IND, 00:00-00:00 , , Independent/Directed Study; Vincent Barnett ; 1-5 cr.
58355 002 IND, 00:00-00:00 , , Independent/Directed Study; Stephen Katz ; 1-5 cr.

5096 Integrative Biology and Physiology Research Advances

(S-N only; Prereq: instr consent)

58663 001 LEC, 12:00-13:00 Th, AHC ROOM TBA, In Person Term Based; DeWayne Townsend ; 1 cr.

5101 Human Physiology

(Student Option; Prereq: Grad student)

58347 001 LEC, 10:10-11:00 TThF, AHC ROOM TBA, 9:05-11:00 MTTh, AHC ROOM TBA, 10:10-11:00 WF, AHC ROOM TBA, 10:10-11:00 M, AHC ROOM TBA, 14:30-15:20 W, AHC ROOM TBA, 10:10-11:00 ThF, AHC ROOM TBA, 11:15-12:05 M, AHC ROOM TBA, 10:10-11:00 Th, AHC ROOM TBA, 7:45-8:35 M, AHC ROOM TBA, 9:05-11:00 Th, AHC ROOM TBA, 10:10-11:00 F, AHC ROOM TBA, 11:15-12:05 M, AHC ROOM TBA, 14:30-16:25 W, AHC ROOM TBA, 10:10-11:00 Th, AHC ROOM TBA, 10:10-11:00 M, AHC ROOM TBA, 13:25-15:20 W, AHC ROOM TBA, 9:00-11:00 M, AHC ROOM TBA, 10:10-11:00 M, AHC ROOM TBA, 14:30-16:25 W, AHC ROOM TBA, 10:10-12:05 M, AHC ROOM TBA, 10:10-11:00 T, AHC ROOM TBA, 15:35-17:30 W, AHC ROOM TBA, 10:10-11:00

F, AHC ROOM TBA, 10:10-11:00 M, AHC ROOM TBA, 14:30-16:25 W, AHC ROOM TBA, 10:10-11:00 Th, AHC ROOM TBA, 8:00-9:55 F, AHC ROOM TBA, 11:15-12:05 M, AHC ROOM TBA, 10:10-11:00 Th, AHC ROOM TBA, 9:05-9:55 F, AHC ROOM TBA, 8:45-11:00 M, AHC ROOM TBA, 14:30-15:20 W, AHC ROOM TBA, 10:10-11:00 ThF, AHC ROOM TBA, 10:10-11:00 M, AHC ROOM TBA, 14:30-16:25 W, AHC ROOM TBA, 10:10-12:05 Th, AHC ROOM TBA, 8:00-11:00 F, AHC ROOM TBA, In Person Term Based; 5 cr.
58348 002 LAB, 13:25-17:30 W, Moos Health Sci Tower 3-110, 15:35-16:25 W, Moos Health Sci Tower 3-110, 13:25-17:30 W, Moos Health Sci Tower 3-110, 13:25-17:30 M, Moos Health Sci Tower 3-110, 13:25-17:30 M, Moos Health Sci Tower 3-110, 15:35-17:30 W, Moos Health Sci Tower 3-110, In Person Term Based; Stephen Katz ; 5 cr.

5116 Clinical Physiology II

(A-F or Audit; Prereq: instr consent)

58445 001 LEC, 9:05-12:05 F, Bruininks Hall 420B, In Person Term Based; Lisa Anderson ; 3 cr.

5197 Stress Physiology

(A-F only; Prereq: instr consent, grad student standing or physiology undergraduate major are recommended. Undergraduates are strongly encouraged to have taken 3061 or equivalent.)

58678 001 DIS, 10:10-11:00 T, Jackson Hall 3-129, In Person Term Based; Alessandro Bartolomucci ; 1 cr.

5444 Muscle

(Student Option; Prereq: 3061 or 3071 or 5061 or BioC 3021 or BioC 4331 or instr consent)

58306 001 LEC, 16:00-17:15 TTh, Keller Hall 3-210, In Person Term Based; Meets With: 001 BIOC 5444; Vincent Barnett, David Thomas ; 3 cr.

67732 883 LEC, 16:00-17:15 TTh, ONLINE, Completely Online; Vincent Barnett, David Thomas ; 3 cr.

5510 Advanced Cardiac Physiology and Anatomy

(Student Option; Prereq: instr consent)

58351 001 LAB, 7:00-20:00 M, Mayo Bldg & Additions Auditori, 7:00-16:00 TWThF, Mayo Bldg & Additions Auditori, In Person Term Based; 2-3 cr.

5525 Anatomy and Physiology of the Pelvis and Urinary System

(A-F only; Prereq: One undergrad anatomy course, one undergrad physiology course, instr consent)

58618 001 LAB, 8:00-16:00 WThF, Nils Hasselmo Hall 2-101, In Person Term Based; 1-2 cr.

6051 Systems Physiology

(A-F or Audit; Prereq: [Prev or current] neuroscience course; [biochemistry, human anatomy] recommended)

58103 001 LEC, 13:25-14:15 F, Moos Health Sci Tower 2-620, 13:25-14:15 MWF, Moos Health Sci Tower 2-620, 13:25-14:15 MF, Moos Health Sci Tower 2-620, 13:25-14:15 MWF, Moos Health Sci Tower 2-620, 13:25-14:15 MW, Moos Health Sci Tower 2-620, 13:25-14:15 MWF, Moos Health Sci Tower 2-620, 13:25-15:20 M, Moos Health Sci Tower 2-620, 13:25-14:15 WF, Moos Health Sci Tower 2-620, 13:25-14:15 TWf, Moos Health Sci Tower 2-620, 13:25-14:15 MWF, Moos Health Sci Tower 2-620, 13:25-14:15 MW, Moos Health Sci Tower 2-620, In Person Term Based; Lisa Anderson ; 4 cr.

58104 002 LAB, 13:25-14:15 Th, Moos Health Sci Tower 3-110, 13:25-16:00 Th, Moos Health Sci Tower 3-110, 13:25-14:15 Th, Moos Health Sci Tower 3-110, 13:25-15:20 Th, Moos Health Sci Tower 3-110, 13:25-14:15 Th, Moos Health Sci Tower 3-110, 13:25-15:20 Th, Moos Health Sci Tower 3-110, 13:25-14:15 Th, Moos Health Sci Tower 3-110, 13:25-15:20 Th, Moos Health Sci Tower 3-110, 13:25-14:15 Th, Moos Health Sci Tower 3-110, 13:25-15:20 Th, Moos Health Sci Tower 3-110, In Person Term Based; Lisa Anderson ; 4 cr.

8216 Selected Topics in Autonomic and Neuroendocrine Regulation

(S-N or Audit;)

58456 001 LEC, 00:00-00:00 , , In Person Term Based; Meets With: 001 NSC 8216; William Engeland ; 1 cr.

8232 Critical Reading of Journal Articles in Physiology

(A-F only; Prereq: concurrent registration is required (or allowed) in PHSL 5101, instr consent)

58650 001 DIS, 00:00-00:00 , , Independent/Directed Study; DeWayne Townsend, Stephen Katz ; 2 cr.

8242 Professional Skills Development For Biomedical Scientists

(A-F only; Prereq: instr consent)

58649 001 IND, 16:00-17:30 W, AHC ROOM TBA, Independent/Directed Study; Joseph Metzger ; 1 cr.

8294 Research in Physiology

(Student Option; Prereq: Grad cellular and integrative Phsl major, instr consent)

58121 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-18 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

58277 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

58287 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

58296 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

58304 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

58305 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

Plant Pathology (PLPA)**2001 Introductory Plant Pathology**

(Student Option; Prereq: BIOL 1009 or equiv)

52827 001 LEC, 10:40-11:30 MW, Borlaug Hall 365, In Person Term Based; Pablo Olivera Firpo ; 3 cr.
52828 002 LAB, 11:45-13:40 W, Plant Growth Facility 136, In Person Term Based; Pablo Olivera Firpo ; 3 cr.
52829 003 LAB, 15:00-16:55 W, Plant Growth Facility 136, In Person Term Based; Pablo Olivera Firpo ; 3 cr.

2003 Plague, Famine, and Beer: The Impact of Microscopic Organisms on Human Civilization

(Student Option; HIS)

53443 001 LEC, 00:00-00:00 , , ONLINE, Completely Online; Brett Arenz ; 3 cr.

3003 Diseases of Forest and Shade Trees

(Student Option;)

52826 001 LEC, 8:30-9:20 MW, Borlaug Hall 365, In Person Term Based; Meets With: 001 PLPA 5003; Robert Blanchette ; 3 cr.
53249 002 LAB, 15:10-17:00 W, Amundson Hall 120, In Person Term Based; Meets With: 002 PLPA 5003; Robert Blanchette ; 3 cr.

3090 Research in Plant Pathology

(Student Option;)

52964 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

4096 Professional Experience Program: Internship

(S-N or Audit; Prereq: COAFES undergrad, complete internship contract available in COAFES Career Services before registering; UC only)

52953 001 FWK, 00:00-00:00 , , In Person Term Based; 1-3 cr.

5003 Diseases of Forest and Shade Trees

(Student Option;)

52994 001 LEC, 8:30-9:20 MW, Borlaug Hall 365, In Person Term Based; Meets With: 001 PLPA 3003; Robert Blanchette ; 3 cr.
52995 002 LAB, 15:10-17:00 W, Amundson Hall 120, In Person Term Based; Meets With: 002 PLPA 3003; Robert Blanchette ; 3 cr.

5090 Issues in Plant Pathology

(Student Option;)
53234 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5300 Current Topics in Molecular Plant Pathology

(S-N only; Prereq: instr consent)
53392 001 LEC, 11:45-12:35 W, Stakman Hall P302, In Person Term Based; James Bradeen ; 1 cr.

5660 Plant Disease Resistance and Applications

(A-F or Audit; Prereq: 2001, BIOL 4003)
53349 001 LEC, 13:00-14:15 MW, Borlaug Hall 491, In Person Term Based; Brian Steffenson ; 3 cr.
53350 002 DIS, 14:20-15:10 W, Borlaug Hall 491, In Person Term Based; Brian Steffenson ; 3 cr.

5999 Special Topics in Plant Pathology

(Student Option;)
53348 001 LEC, 00:00-00:00 , , In Person Term Based; 1 cr.

8005 Supervised Classroom or Extension Teaching Experience

(S-N only; Prereq: instr consent)
70009 001 DIS, In Person Term Based; James Kurle ; 1-2 cr.

8090 Research and Teaching in Plant Pathology

(Student Option;)
53187 001 LEC, 00:00-00:00 , , In Person Term Based; James Kurle ; 1-8 cr.

8104 Plant Virology

(A-F only; Prereq: 5480)
53329 001 LEC, 12:30-13:20 TTh, Borlaug Hall 365, In Person Term Based; Benham Lockhart ; 2 cr.
53330 002 LAB, 13:30-15:30 TTh, Stakman Hall P302, In Person Term Based; Benham Lockhart ; 2 cr.

8105 Plant Bacteriology

(Student Option; Prereq: 5480)
53331 001 LEC, 12:30-13:20 TTh, Borlaug Hall 365, In Person Term Based; Carol Ishimaru ; 2 cr.
53332 002 LAB, 13:30-15:30 TTh, Borlaug Hall 291, In Person Term Based; Carol Ishimaru ; 2 cr.

8123 Research Ethics in Plant and Environmental Sciences

(S-N or Audit; Prereq: Enrolled in a plant/environmental grad research program)
53156 001 LEC, 17:30-19:00 Th, Biological Sciences Ctr 64, In Person Term Based; Meets With: 001 PMB 8123001 SOIL 8123001 APSC 8123; Jerry Cohen ; 0.5 cr.

8200 Seminar

(A-F only;)
52902 001 LEC, 14:30-16:00 M, Borlaug Hall 365, In Person Term Based; James Bradeen ; 1 cr.

8300 Plant Pathology Project

(Student Option;)
68635 001 IND, In Person Term Based; 1-6 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
53024 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
53040 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
53058 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
53073 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

53091 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

Plant Science (PLSC)**3005W Introduction to Plant Physiology**

(Student Option; WI)
52874 001 LEC, 8:05-9:15 TTh, Alderman Hall 415, In Person Term Based; M. Walid Sadok ; 4 cr.
53177 002 LAB, 12:50-14:45 Th, Plant Growth Facility 132, In Person Term Based; M. Walid Sadok ; 4 cr.
53306 003 LAB, 15:00-16:55 Th, Plant Growth Facility 132, In Person Term Based; M. Walid Sadok ; 4 cr.

3401 Plant Genetics and Breeding

(Student Option;)
67562 001 LEC, 8:30-9:20 MWF, Plant Growth Facility 140A, In Person Term Based; Aaron Lorenz ; 4 cr.

Plant and Microbial Biology (PMB)**3500 Special Topics in Plant Biology**

(Student Option;)
69594 001 DIS, 10:40-11:30 T, Biological Sciences Ctr 12, In Person Term Based; Meets With: 001 PMB 5500; Lisa Aston Philander, Daniel Stanton ; 1-3 cr.

4121 Microbial Ecology and Applied Microbiology

(A-F or Audit; Prereq: 3301)
46724 001 LEC, 11:45-13:00 TTh, Borlaug Hall 375, In Person Term Based; Michael Sadowsky ; 3 cr.

4511 Flowering Plant Diversity

(Student Option; Prereq: BIOL 1001 or 1009 or 1009H or 2002)
47071 001 LEC, 12:00-12:50 TTh, Alderman Hall 415, In Person Term Based; George Weiblen ; 3 cr.
47072 002 LAB, 9:35-12:35 F, Plant Growth Facility 174, In Person Term Based; George Weiblen ; 3 cr.
47073 003 LAB, 13:55-16:55 F, Plant Growth Facility 174, In Person Term Based; George Weiblen ; 3 cr.

4793W Directed Studies: Writing Intensive

(S-N or Audit; Prereq: instr consentWI)
46651 001 IND, 00:00-00:00 , , In Person Term Based; David Moeller ; 1-7 cr.

4794W Directed Research: Writing Intensive

(S-N or Audit; Prereq: instr consent, dept consentWI)
46652 001 IND, 00:00-00:00 , , In Person Term Based; David Moeller ; 1-6 cr.

4993 Directed Studies

(S-N or Audit; Prereq: instr consent)
46615 001 IND, 00:00-00:00 , , In Person Term Based; David Moeller ; 1-7 cr.

4994 Directed Research

(S-N or Audit; Prereq: instr consent)
46616 001 IND, 00:00-00:00 , , In Person Term Based; David Moeller ; 1-6 cr.

5500 Special Topics in Plant Biology

(Student Option;)
69598 001 DIS, 10:40-11:30 T, Biological Sciences Ctr 12, In Person Term Based; Meets With: 001 PMB 3500; Lisa Aston Philander, Daniel Stanton ; 1-3 cr.

8123 Research Ethics in the Plant and Environmental Sciences

(S-N or Audit; Prereq: Grad student in [applied plant sciences or plant pathology or plant biological sciences or soil science])
46838 001 LEC, 17:30-19:00 Th, Biological Sciences Ctr 64, In Person Term Based; Meets With: 001 SOIL 8123001 APSC 8123001 PLPA 8123; Jerry Cohen ; 0.5 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
46834 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
46833 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
46831 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
46832 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Passed prelim oral or adviser approval)
46830 001 IND, In Person Term Based; 1-24 cr.

8900 Seminar

(S-N or Audit;)
46829 001 LEC, 15:30-16:30 T, Cargill Building 105, In Person Term Based; Yaniv Brandvain ; 1-2 cr.
70117 004 LEC, In Person Term Based; Georgiana May, Yaniv Brandvain ; 1-2 cr.

8993 Directed Studies

(Student Option; Prereq: PBio grad student, instr consent)
46837 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

8994 Research

(Student Option; Prereq: PBio grad student, instr consent)
46836 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

Political Science (POL)**1001 American Democracy in a Changing World**

(Student Option; SOCS)
50295 001 LEC, 9:45-11:00 TTh, Blegen Hall 10, In Person Term Based; Andrew Karch ; 4 cr.

1019 Indigenous Peoples in Global Perspective

(A-F or Audit; GP)
52245 001 LEC, 9:45-11:00 MW, Scott Hall 4, In Person Term Based; Meets With: 001 AMIN 1002; Vicente Diaz ; 3 cr.

1025 Global Politics

(Student Option; GP,SOCS)
48907 001 LEC, 11:15-12:05 MWF, Blegen Hall 250, In Person Term Based; Elif Kalaycioglu ; 4 cr.

1054 Puzzles in World Politics

(Student Option; GP,SOCS)
50888 001 LEC, 13:00-14:15 TTh, Blegen Hall 150, In Person Term Based; Anoop Sarbahi ; 4 cr.

1201 Political Ideas and Ideologies

(Student Option; CIV,HIS)
48868 001 LEC, 14:30-15:45 TTh, Anderson Hall 250, In Person Term Based; Joan Tronto ; 4 cr.

3065 Political Engagement Careers: Planning and Preparing For Your Future

(Student Option; CIV)
52750 001 LEC, 13:00-14:15 WF, Blegen Hall 330, In Person Term Based; Paul Soper ; 3 cr.

3070 Distinguished Undergraduate Research Internship

(A-F only;)
51861 001 IND, 00:00-00:00 , , In Person Term Based; Lisa Hilbink ; 2 cr.

3080 Faculty-Supervised Individual Internships

(A-F or Audit; Prereq: instr consent, dept consent)
48867 001 FWK, 00:00-00:00 , , In Person Term Based; Paul Soper ; 3-13 cr.

3085 Quantitative Analysis in Political Science

(A-F or Audit; MATH)

- 50138 001 LEC, 11:15-12:30 TTh, Blegen Hall 130, In Person Term Based; Joanne Miller ; 4 cr.
50684 002 DIS, 13:25-14:15 Th, Blegen Hall 440, In Person Term Based; Joanne Miller ; 4 cr.
51071 003 DIS, 14:30-15:20 Th, Blegen Hall 440, In Person Term Based; Joanne Miller ; 4 cr.
- 3108H Honors Tutorial: Thesis Preparation and Political Science Inquiry**
(A-F only; Prereq: Pol sci major, honors)
51368 001 LEC, 13:00-15:30 W, Hubert H. Humphrey School 15, In Person Term Based; C. Myers ; 3 cr.
- 3251W Power, Virtue, and Vice: Ancient and Early Modern Political Theory**
(Student Option; WI)
51739 001 LEC, 9:45-11:00 TTh, Blegen Hall 130, In Person Term Based; 3 cr.
- 3252W Revolution, Democracy, and Empire: Modern Political Thought**
(Student Option; Prereq: Suggested prerequisite 1201AH,WI,CIV)
52191 001 LEC, 18:20-20:50 M, Blegen Hall 120, In Person Term Based; Joshua Anderson ; 3 cr.
- 3309 Justice in America**
(Student Option; Prereq: 1001 or 1002 or instr consent)
52193 001 LEC, 9:45-11:00 MW, Blegen Hall 250, In Person Term Based; Timothy Johnson ; 3 cr.
- 3310 Topics in American Politics**
(Student Option;)
52217 001 LEC, 18:20-20:50 W, Hanson Hall 1-108, In Person Term Based; Joanne Miller ; 3 cr.
- 3319 Education and the American Dream**
(A-F or Audit; DSJ,SOCS)
51551 001 LEC, 18:20-20:50 M, Blegen Hall 150, In Person Term Based; Scott Abernathy ; 3 cr.
- 3321 Issues in American Public Policy**
(Student Option;)
67001 001 LEC, 11:15-12:30 TTh, Blegen Hall 150, In Person Term Based; Andrew Karch ; 3 cr.
- 3323 Political Tolerance in the United States**
(Student Option;)
52196 001 LEC, 13:00-14:15 MF, Anderson Hall 350, In Person Term Based; Howard Lavine ; 3 cr.
- 3423 Politics of Disruption: Violence and Its Alternatives**
(Student Option; GP)
67002 001 LEC, 16:00-17:15 TTh, Blegen Hall 335, In Person Term Based; Anoop Sarbahi ; 4 cr.
- 3474 Russian Politics: From Soviet Empire to Post-Soviet State**
(A-F or Audit;)
52525 001 LEC, 9:45-11:00 MW, Blegen Hall 130, In Person Term Based; Kathleen Collins ; 3 cr.
- 3766 Political Psychology of Mass Behavior**
(Student Option; SOCS)
51258 001 LEC, 16:00-17:15 MW, Blegen Hall 150, In Person Term Based; Timothy Collins ; 3 cr.
- 3769 Public Opinion and Voting Behavior**
(Student Option; SOCS)
67004 001 LEC, 11:15-12:30 MW, Blegen Hall 150, In Person Term Based; Paul Goren ; 3 cr.
- 3833 The United States and the Global Economy**
(Student Option;)
67639 001 LEC, 8:15- 9:30 TTh, Blegen Hall 120, In Person Term Based; Jane Sumner ; 3 cr.
- 3835 International Relations**
(Student Option; GP,SOCS)
49423 001 LEC, 9:45-11:00 MW, Blegen Hall 150, In Person Term Based; Cosette Creamer ; 3 cr.
- 4085 Advanced Political Data Analysis**
(A-F only;)
67989 001 LEC, 11:15-12:30 TTh, Blegen Hall 430, In Person Term Based; Jane Sumner ; 4 cr.
69585 002 LAB, 14:30-15:20 T, Blegen Hall 105, In Person Term Based; Jane Sumner ; 4 cr.
- 4275 Domination, Exclusion, and Justice: Contemporary Political Thought**
(Student Option; Prereq: 1201 recommended)
67005 001 LEC, 11:15-12:30 MW, Blegen Hall 125, In Person Term Based; Robert Nichols ; 3 cr.
- 4317 Becoming Stupid: Anti-Science in American Politics**
(Student Option;)
52263 001 LEC, 13:00-14:15 TTh, Hanson Hall 1-103, In Person Term Based; Daniel Kelliher ; 3 cr.
- 4335 African American Politics**
(Student Option;)
67990 001 LEC, 11:15-12:30 MW, Blegen Hall 10, In Person Term Based; Meets With: 001 AFRO 4335; Michael Minta ; 3 cr.
- 4403W Constitutions, Democracy, and Rights: Comparative Perspectives**
(Student Option; GP,WI)
52201 001 LEC, 11:15-12:30 MW, Blegen Hall 130, In Person Term Based; Meets With: 001 POL 5403; Lisa Hilbink ; 3 cr.
- 4410 Topics in Comparative Politics**
(Student Option;)
68249 001 LEC, 14:30-15:45 MW, Blegen Hall 250, In Person Term Based; Josef Woldense ; 3 cr.
- 4461W European Government and Politics**
(Student Option; Prereq: 1054 or 3051 or non-pol sci grad or instr consentGP,WI)
67007 001 LEC, 16:00-17:15 MW, Blegen Hall 120, In Person Term Based; Catherine Guisan ; 4 cr.
- 4463 The Cuban Revolution Through the Words of Cuban Revolutionaries**
(Student Option; Prereq: 1025 or 1054 or equivGP)
67008 001 LEC, 18:20-20:50 T, Blegen Hall 105, In Person Term Based; August Nimitz Jr ; 3 cr.
- 4481 Governments and Markets**
(Student Option; Prereq: 1054 or instr consent)
52203 001 LEC, 11:15-12:30 TTh, Blegen Hall 250, In Person Term Based; John Freeman ; 3 cr.
- 4487 The Struggle for Democratization and Citizenship**
(Student Option;)
50340 001 LEC, 18:20-20:50 Th, Blegen Hall 210, In Person Term Based; August Nimitz Jr ; 4 cr.
- 4502W The Supreme Court, Civil Liberties, and Civil Rights**
(Student Option; CIV,WI)
48905 001 LEC, 8:15- 9:30 MW, Blegen Hall 255, In Person Term Based; Timothy Johnson ; 3 cr.
- 4525W Federal Indian Policy**
(Student Option; WI)
67274 001 LEC, 14:30-17:00 T, Akerman Hall 317, In Person Term Based; Meets With: 001 AMIN 4525W; David Wilkins ; 3 cr.
- 4810 Topics in International Politics and Foreign Policy**
(Student Option;)
67995 001 LEC, 9:45-11:00 TTh, Blegen Hall 235, In Person Term Based; Mark Bell ; 3 cr.
- 4881 The Politics of International Law and Global Governance**
(Student Option; GP)
67401 001 LEC, 13:00-14:15 MW, Blegen Hall 150, In Person Term Based; Cosette Creamer ; 3 cr.
- 4887 Thinking Strategically in International Politics**
(A-F or Audit; MATH)
51742 001 LEC, 13:00-14:15 TTh, Blegen Hall 130, In Person Term Based; James Hollyer ; 3 cr.
- 4900H Honors Thesis**
(A-F only;)
49752 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
- 4970 Individual Reading and Research**
(Student Option; Prereq instr consent, dept consent, college consent.)
49528 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.
- 5403 Constitutions, Democracy, and Rights: Comparative Perspectives**
(Student Option;)
52206 001 LEC, 11:15-12:30 MW, Blegen Hall 130, In Person Term Based; Meets With: 001 POL 4403W; Lisa Hilbink ; 3 cr.
- 5970 Individual Reading and Research**
(Student Option; Prereq instr consent, dept consent, college consent.)
52065 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.
- 8060 Research Proseminar in Political Science**
(Student Option No Audit;)
51064 001 LEC, 13:05-14:20 W, Social Sciences Building 1314, In Person Term Based; David Samuels ; 2 cr.
52548 002 LEC, 11:00-12:55 W, Social Sciences Building 1383, In Person Term Based; Kathleen Collins ; 2 cr.
67009 003 LEC, 11:00-12:55 Th, Social Sciences Building 1383, In Person Term Based; Joan Tronto ; 2 cr.
- 8104 Professional Development I**
(S-N only; Prereq: 1st year Pol graduate student)
51782 001 LEC, 9:00-10:55 W, Social Sciences Building 1383, In Person Term Based; Kathryn Pearson ; 2 cr.
- 8107 Quantitative Political Science II**
(A-F only; Prereq: Political science grad major or instr consent)
51312 001 LEC, 10:00-12:20 T, Social Sciences Building 1383, In Person Term Based; Christopher Federico ; 3 cr.
- 8160 Topics in Models and Methods**
(Student Option;)
52208 001 LEC, 15:35-17:20 T, Social Sciences Building 1383, In Person Term Based; James Hollyer ; 3 cr.
52209 002 LEC, 11:00-12:55 M, Social Sciences Building 1383, In Person Term Based; C. Myers ; 3 cr.
52210 003 LEC, 11:00-13:00 F, Hubert H. Humphrey School 20, In Person Term Based; John Freeman ; 3 cr.
68225 004 LEC, 13:30-15:30 W, Hubert H. Humphrey School 25, In Person Term Based; John Freeman ; 3 cr.
68226 005 LEC, 13:30-15:30 W, Hubert H. Humphrey School 25, In Person Term Based; John Freeman ; 3 cr.
- 8260 Topics in Political Theory**
(Student Option;)
67075 001 LEC, 15:35-17:20 T, Social Sciences Building 1450, In Person Term Based; Robert Nichols ; 3 cr.
- 8305 Interest Groups and Social Movements**
(Student Option; Prereq: Grad pol sci major or instr consent)
67011 001 LEC, 13:25-15:20 M, Social Sciences Building 1383, In Person Term Based; Michael Minta ; 3 cr.
- 8308 Proseminar in Political Psychology II**
(Student Option;)
48906 001 LEC, 9:00-10:55 F, Social Sciences Building 1314, In Person Term Based; Meets With: 001 PSY 8212; C. Myers, Christopher Federico ; 2 cr.
- 8360 Topics in American Politics**
(Student Option; Prereq: instr consent)
67074 001 LEC, 13:25-15:20 W, Social Sciences Building 1383, In Person Term Based; Howard Lavine ; 3 cr.
- 8444 FTE: Doctoral**
(No Grade Associated; Prereq: Doctoral student, adviser and director of graduate studies consent)
49575 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.
- 8460 Topics in International Relations**
(Student Option;)
52215 001 LEC, 13:25-15:20 T, Social Sciences Building 1383, In Person Term Based; Mark Bell ; 3 cr.
- 8660 Topics in Comparative Politics**
(Student Option;)
52545 001 LEC, 13:25-15:20 Th, Social Sciences Building 1383, In Person Term Based; Lisa Hilbink ; 3 cr.
67073 002 LEC, 11:00-12:55 T, Social Sciences Building 1450, In Person Term Based; Kathleen Collins ; 3 cr.
- 8666 Doctoral Pre-Thesis Credits**
(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral, up to 24 combined cr, permission number required for registration, doctoral

student admitted before summer 2007 may register up to four times, up to 60 combined cr)
49600 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
49652 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8990 Directed Readings and Research in Political Science

(Student Option; Prereq: 16 cr 8xxx pol sci courses, instr consent, dept consent)
48954 001 IND, In Person Term Based; 1-7 cr.
67996 002 IND, In Person Term Based; Nancy Luxon, Robert Nichols ; 1-7 cr.

Portuguese (PORT)

1102 Beginning Portuguese

(Student Option; Prereq: 1101 or instr consent)
49422 001 LEC, 9:05- 9:55 MTWTh, Nicholson Hall 345, In Person Term Based; Dora Dias ; 2 cr.

1104 Intermediate Portuguese

(Student Option; Prereq: 1103 or instr consent)
49327 001 LEC, 10:10-11:00 MTWTh, Folwell Hall 31, In Person Term Based; Sandra Rellier ; 5 cr.

3001 Portuguese for Spanish Speakers

(Student Option; Prereq: [SPAN 1004 or SPAN 1014 or SPAN 1044, SPAN LPE pass] or instr consent)
48980 001 LEC, 12:20-14:15 MW, Peik Hall 315, In Person Term Based; Dora Dias ; 4 cr.
50071 002 LEC, 14:30-16:25 TTh, Kolthoff Hall 136, In Person Term Based; Dora Dias ; 4 cr.

3003 Portuguese Conversation and Composition

(Student Option; Prereq: 1104 or 3001 or Port LPE)
48981 001 DIS, 10:10-12:05 MW, Burton Hall 123, In Person Term Based; Ana Claudia Dos Santos Sao Bernardo ; 4 cr.

3502W Global Portuguese: 1900-present

(Student Option; Prereq: 3003WI)
51313 001 LEC, 11:15-12:30 MW, Nicholson Hall 145, In Person Term Based; Sophia Beal ; 3 cr.

3800 Film Studies in Portuguese

(A-F or Audit; Prereq: 3003 or instr consent or dept consent)
68659 001 LEC, 14:30-17:30 Th, Folwell Hall 28, In Person Term Based; Ana Paula Ferreira ; 3 cr.

5990 Directed Research

(Student Option; Prereq Grad student or instr consent.)
50404 001 IND, 00:00-00:00 , , In Person Term Based; Ana Paula Ferreira ; 1-4 cr.
50405 002 IND, 00:00-00:00 , , In Person Term Based; Sophia Beal ; 1-4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
49553 001 IND, In Person Term Based; 1 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
49626 001 IND, In Person Term Based; 1-18 cr.

Postsecondary Tchg and Lrng (PSTL)

Preventive Science Minor (PREV)

8002 Prevention Science Research Methodology

(A-F or Audit;)
67132 001 DIS, 16:30-17:45 TTh, McNeal Hall 395, In Person Term Based; Timothy Piehler ; 3 cr.

8003 New Topics in Prevention: Implementation and Dissemination

(A-F or Audit;)

67133 001 DIS, 13:30-16:15 W, McNeal Hall 375, In Person Term Based; Meets With: 001 FSOS 5703; Gerald August ; 3 cr.

Product Design (PDES)

2702 Concept Sketching

(A-F only;)
46485 001 LEC, 14:30-16:25 MW, Rapson Hall 56, In Person Term Based; 3 cr.

2703 Concept Visualization and Presentation 1

(A-F only;)
46505 001 LEC, 9:05-11:00 MW, Rapson Hall 33, In Person Term Based; 3 cr.
67081 002 LEC, 11:15-13:10 MW, Rapson Hall 33, In Person Term Based; 3 cr.

2772 Product Design Studio 2

(A-F only;)
68301 001 LAB, 9:05-12:05 TTh, Rapson Hall 35, In Person Term Based; 4 cr.

2777 Product Form and Model Making

(A-F only;)
68742 001 LAB, 18:00-21:00 M, Rapson Hall 31, In Person Term Based; 2 cr.
68743 003 LAB, 18:00-21:00 W, Rapson Hall 31, In Person Term Based; 2 cr.
69391 002 LAB, 18:00-21:00 T, Rapson Hall 31, In Person Term Based; 2 cr.

3704 Computer-Aided Design Methods

(A-F only;)
46440 001 LEC, 13:25-15:20 MW, Rapson Hall 33, In Person Term Based; Meets With: 001 PDES 5704; Ehsan Naderi ; 3 cr.

3705 History and Future of Product Design

(A-F only;)
46477 001 LEC, 13:00-14:15 TTh, Bruininks Hall 131B, In Person Term Based; Meets With: 001 PDES 5705; 3 cr.

3711 Toy Product Design

(A-F only;)
46389 001 LEC, 17:00-18:30 MW, Rapson Hall 56, In Person Term Based; Meets With: 001 PDES 5711; Barry Kudrowitz ; 4 cr.
46392 002 LAB, 18:00-21:00 Th, Rapson Hall 56, In Person Term Based; Meets With: 002 PDES 5711; 4 cr.

4193 Directed Study in Product Design

(A-F or Audit; Prereq: Undergrad, instr consent)
46492 001 IND, In Person Term Based; Barry Kudrowitz ; 1-4 cr.
46493 002 IND, In Person Term Based; Cory Schaffhausen ; 1-4 cr.

4702 Capstone Design Studio

(A-F only;)
67082 001 LEC, 13:25-16:25 TTh, Rapson Hall 37, In Person Term Based; Ehsan Naderi ; 4 cr.

5193 Directed Study in Product Design

(A-F or Audit; Prereq: Grad, instr consent)
46479 001 IND, In Person Term Based; Barry Kudrowitz ; 1-4 cr.

5704 Computer-Aided Design Methods

(A-F only; Prereq: Senior or grad student)
68025 001 LEC, 13:25-15:20 MW, Rapson Hall 33, In Person Term Based; Meets With: 001 PDES 3704; Ehsan Naderi ; 3 cr.

5705 History and Future of Product Design

(A-F only;)
46478 001 LEC, 13:00-14:15 TTh, Bruininks Hall 131B, In Person Term Based; Meets With: 001 PDES 3705; 3 cr.

5711 Toy Product Design

(A-F only;)
46390 001 LEC, 17:00-18:30 MW, Rapson Hall 56, In Person Term Based; Meets With: 001 PDES 3711; Barry Kudrowitz ; 4 cr.
46391 002 LAB, 18:00-21:00 Th, Rapson Hall 56, In Person Term Based; Meets With: 002 PDES 3711; 4 cr.

8192 Readings in Product Design

(A-F or Audit; Prereq: Grad, instr consent)
46429 001 IND, In Person Term Based; Barry Kudrowitz ; 1-3 cr.

8193 Directed Study in Product Design

(A-F or Audit; Prereq: Grad, instr consent)
46430 001 IND, In Person Term Based; Barry Kudrowitz ; 1-4 cr.

Prosthodontics (PROS)

7110 Classic Prosthodontic Literature Review

(A-F only; Prereq: instr consent)
53594 001 LEC, 00:00-00:00 , , In Person Term Based; Yvonne Christensen ; 2 cr.

7200 Advanced Clinical Prosthodontics I

(A-F only; Prereq: instr consent)
53595 001 FWK, 00:00-00:00 , , In Person Term Based; Yvonne Christensen ; 5 cr.

Psychology (PSY)

1001 Introduction to Psychology

(Student Option; SOCS)
48873 001 LEC, 13:25-14:15 MWF, Willey Hall 175, In Person Term Based; Thomas Brothen, Liza Meredith ; 4 cr.
48874 002 DIS, 10:10-11:00 T, Bruininks Hall 432A, In Person Term Based; 4 cr.
48875 003 DIS, 11:15-12:05 T, Bruininks Hall 432A, In Person Term Based; 4 cr.
48876 004 DIS, 12:20-13:10 T, Bruininks Hall 432A, In Person Term Based; 4 cr.
48877 005 DIS, 13:25-14:15 T, Bruininks Hall 432A, In Person Term Based; 4 cr.
48878 006 DIS, 14:30-15:20 T, Bruininks Hall 432A, In Person Term Based; 4 cr.
48879 007 DIS, 15:35-16:25 T, Bruininks Hall 432A, In Person Term Based; 4 cr.
48882 010 DIS, 10:10-11:00 W, Bruininks Hall 432A, In Person Term Based; 4 cr.
48883 011 DIS, 11:15-12:05 W, Bruininks Hall 432A, In Person Term Based; 4 cr.
48884 012 DIS, 12:20-13:10 W, Bruininks Hall 432A, In Person Term Based; 4 cr.
48885 013 DIS, 14:30-15:20 W, Bruininks Hall 432A, In Person Term Based; 4 cr.
48886 014 DIS, 11:15-12:05 Th, Bruininks Hall 432A, In Person Term Based; 4 cr.
48887 015 DIS, 13:25-14:15 Th, Bruininks Hall 512A, In Person Term Based; 4 cr.
48888 016 LEC, 00:00-00:00 , , Partially Online; Liza Meredith, Thomas Brothen ; 4 cr.
50264 017 DIS, 11:15-12:30 Th, Bruininks Hall 432B, Partially Online; 4 cr.
50265 018 DIS, 13:00-14:15 Th, Bruininks Hall 432B, Partially Online; 4 cr.
51020 021 DIS, 11:15-12:30 F, Bruininks Hall 432A, Partially Online; 4 cr.
51461 027 LEC, 00:00-00:00 , ONLINE, Completely Online; Liza Meredith, Thomas Brothen ; 4 cr.
52512 020 DIS, 9:45-11:00 F, Bruininks Hall 432A, In Person Term Based; 4 cr.
52570 024 DIS, 9:45-11:00 W, Bruininks Hall 512A, In Person Term Based; 4 cr.
52571 025 DIS, 11:15-12:30 W, Bruininks Hall 512A, In Person Term Based; 4 cr.

1001H Honors Introduction to Psychology

(A-F only; Prereq: Honors.SOCS)
50444 001 LEC, Partially Online; Liza Meredith ; 4 cr.
50866 002 DIS, 11:15-12:05 WF, Bruininks Hall 530B, Partially Online; Liza Meredith ; 4 cr.

1919 Re-wired: Addiction and the Brain

(Student Option;)
69659 001 DIS, 13:15-15:45 M, Elliott Hall N227, In Person Term Based; Mark Thomas ; 3 cr.

3001V Honors Introduction to Research Methods

(A-F only; Prereq: [1001, [2081/3801 or equiv]] or dept consent, PSY major, honors studentWl)
50476 001 LEC, 9:05-11:00 MW, Vincent Hall 313, In Person Term Based; William Johnson ; 4 cr.

3001W Introduction to Research Methods

(Student Option; Prereq: [1001, [2801 or 3801 or equiv]] or dept consentWl)
50424 001 LEC, 10:10-11:00 MW, 10 Church Street SE 100, In Person Term Based; Mark Stellmack ; 4 cr.
50425 002 LAB, 13:00-14:45 W, Elliott Hall S150, In Person Term Based; 4 cr.

50426 003 LAB, 13:00-14:45 W, Elliott Hall S160, In Person Term Based; 4 cr.
 50427 004 LAB, 15:00-16:45 W, Elliott Hall S150, In Person Term Based; 4 cr.
 50428 005 LAB, 15:00-16:45 W, Elliott Hall S160, In Person Term Based; 4 cr.
 50429 006 LAB, 9:00-10:45 Th, Elliott Hall S150, In Person Term Based; 4 cr.
 50430 007 LAB, 9:00-10:45 Th, Elliott Hall S160, In Person Term Based; 4 cr.
 50431 008 LAB, 11:00-12:45 Th, Elliott Hall S150, In Person Term Based; 4 cr.
 50432 009 LAB, 11:00-12:45 Th, Elliott Hall S160, In Person Term Based; 4 cr.
 50433 010 LAB, 13:00-14:45 Th, Elliott Hall S150, In Person Term Based; 4 cr.
 50936 011 LAB, 13:00-14:45 Th, Elliott Hall S160, In Person Term Based; 4 cr.
 51797 012 LAB, 9:00-10:45 F, Elliott Hall S150, In Person Term Based; Mark Stellmack ; 4 cr.
 51798 013 LAB, 9:00-10:45 F, Elliott Hall S160, In Person Term Based; Mark Stellmack ; 4 cr.
 51799 014 LEC, 00:00-00:00 , ONLINE, Completely Online; Penny Nichol ; 4 cr.

3011 Introduction to Learning and Behavior (Student Option; Prereq: 1001)

67384 001 LEC, 13:00-14:15 MW, Burton Hall 120, In Person Term Based; Nicola Grissom ; 3 cr.

3031 Introduction to Sensation and Perception (Student Option; Prereq: PSY 1001)

48893 001 LEC, 9:45-11:00 TTh, Fraser Hall 101, Partially Online; Cheryl Olman ; 3 cr.

3051 Introduction to Cognitive Psychology (Student Option; Prereq: 1001)

48898 001 LEC, 8:15- 9:30 TTh, Rapson Hall 31, In Person Term Based; Sara Knauz ; 3 cr.

3061 Introduction to Biological Psychology (Student Option; Prereq: 1001 or BIOL 1009 or NSci 1100 prereq: 1001 or BIOL 1009 or NSci 1100)

49619 001 LEC, 11:15-12:30 MW, Anderson Hall 270, In Person Term Based; Tatyana Matveeva ; 3 cr.

3101 Introduction to Personality (Student Option; Prereq: 1001)

48899 001 LEC, 16:00-17:15 MW, Bruininks Hall 330, In Person Term Based; Victoria Oleynick, Amanda Rueter ; 3 cr.

3121 History and Systems of Psychology (Student Option; Prereq: PSY 1001)

50987 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Thomas Brothen ; 3 cr.

3135 Introduction to Individual Differences (Student Option; Prereq: [1001, [3801 or equiv]] or instr consent)

48900 001 LEC, 13:00-14:15 MW, Smith Hall 231, In Person Term Based; James Lee ; 3 cr.

3201 Introduction to Social Psychology (Student Option; Prereq: 1001 or instr consent)

48901 001 LEC, 11:15-12:05 MWF, Molecular Cellular Biol 3-120, In Person Term Based; Marti Hope Gonzales ; 3 cr.

3206 Introduction to Health Psychology (Student Option; Prereq: 1001)

52302 001 LEC, Completely Online; Caprice Niccoli-Waller ; 3 cr.

3301 Introduction to Cultural Psychology (A-F or Audit; Prereq: 1001)

49387 001 LEC, 16:00-17:15 TTh, Bruininks Hall 330, In Person Term Based; Adam Kim ; 3 cr.

3511 Introduction to Counseling Psychology (Student Option; Prereq: 1001)

50267 002 LEC, 18:00-20:30 W, Rapson Hall 100, In Person Term Based; Addie Merians, Christine Wu ; 3 cr.

3604 Introduction to Abnormal Psychology (Student Option; Prereq: 1001)

48902 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Bonnie Klimes-Dougan ; 3 cr.

3617 Introduction to Clinical Psychology (Student Option; Prereq: 3604 or 5604H)

50897 001 LEC, 8:15- 9:30 MW, Elliott Hall N119, In Person Term Based; John Gaffney ; 3 cr.

3666 Human Sexuality

(Student Option; Prereq: 1001)

51382 001 LEC, 11:15-12:30 Th, Bruininks Hall 512A, Partially Online; Linde Althaus ; 3 cr.

3711 Psychology in the Workplace

(Student Option; Prereq: 1001, [2801/3801 or equiv] or SCO 2550 or instr consent)

49944 001 LEC, 11:15-12:30 TTh, Fraser Hall 102, In Person Term Based; Jeffrey Dahlke, Casey Giordano ; 3 cr.

3801 Introduction to Psychological Measurement and Data Analysis

(Student Option; Prereq: High school algebra, [PSY 1001 or equiv]; intended for students who plan to major in psychology/MATH)

50390 001 LEC, 11:15-12:05 MWF, 10 Church Street SE 100, In Person Term Based; Mark Stellmack ; 4 cr.

50391 002 LAB, 9:45-11:00 T, Bruininks Hall 432B, In Person Term Based; 4 cr.

50392 003 LAB, 9:45-11:00 T, Bruininks Hall 512A, In Person Term Based; 4 cr.

50393 004 LAB, 11:15-12:30 T, Bruininks Hall 432B, In Person Term Based; 4 cr.

50394 005 LAB, 11:15-12:30 T, Bruininks Hall 512A, In Person Term Based; 4 cr.

50395 007 LAB, 13:00-14:15 T, Bruininks Hall 512A, In Person Term Based; 4 cr.

50396 008 LAB, 14:30-15:45 T, Bruininks Hall 432B, In Person Term Based; 4 cr.

50397 009 LAB, 14:30-15:45 T, Bruininks Hall 512A, In Person Term Based; 4 cr.

50398 010 LAB, 16:00-17:15 T, Bruininks Hall 432B, In Person Term Based; 4 cr.

50869 006 LAB, 13:00-14:15 T, Bruininks Hall 432B, In Person Term Based; 4 cr.

51293 011 LAB, 16:00-17:15 T, Bruininks Hall 512A, In Person Term Based; 4 cr.

70014 013 LEC, Completely Online; Penny Nichol ; 4 cr.

3901W Major Project - Research Laboratory

(A-F only; Prereq: [3801 or equiv], 3001W, completion of five courses from three distribution areas, PSY major, seniorWI)

51647 001 LEC, 8:15- 9:30 T, 10 Church Street SE 100, In Person Term Based; Meets With: 001 PSY 3902W001 PSY 3903W; Caprice Niccoli-Waller ; 3 cr.

51651 002 LAB, 9:45-11:00 T, Elliott Hall S150, In Person Term Based; 3 cr.

51652 003 LAB, 14:30-15:45 T, Elliott Hall S150, In Person Term Based; 3 cr.

51653 004 LAB, 8:15- 9:30 W, Elliott Hall S150, In Person Term Based; 3 cr.

51663 005 LAB, 16:00-17:15 T, Elliott Hall S150, In Person Term Based; 3 cr.

51664 006 LAB, 16:00-17:15 Th, Elliott Hall S150, In Person Term Based; 3 cr.

3902W Major Project - Individual Interests

(A-F only; Prereq: [3801 or equiv], [3001W], completion of five courses from three distribution areas, PSY major, srWI)

50331 001 LEC, 8:15- 9:30 T, 10 Church Street SE 100, In Person Term Based; Meets With: 001 PSY 3901W001 PSY 3903W; Caprice Niccoli-Waller ; 3 cr.

50332 002 LAB, 9:45-11:00 T, Elliott Hall S160, In Person Term Based; 3 cr.

50333 003 LAB, 11:15-12:30 T, Elliott Hall S150, In Person Term Based; 3 cr.

50334 004 LAB, 13:00-14:15 T, Elliott Hall S150, In Person Term Based; 3 cr.

51022 005 LAB, 11:15-12:30 F, Elliott Hall S160, In Person Term Based; 3 cr.

51425 006 LAB, 18:00-19:15 W, Elliott Hall S150, In Person Term Based; 3 cr.

51800 007 LAB, 13:00-14:15 F, Elliott Hall S150, In Person Term Based; 3 cr.

3903W Major Project - Community

Engagement

(A-F only; Prereq: [3801 or equiv], 3001W, completion of five courses from three distribution areas, PSY major, seniorWI)

51648 001 LEC, 8:15- 9:30 T, 10 Church Street SE 100, In Person Term Based; Meets With: 001 PSY 3902W001 PSY 3901W; Caprice Niccoli-Waller ; 3 cr.

51649 002 LAB, 11:15-12:30 T, Elliott Hall S160, In Person Term Based; 3 cr.

51650 003 LAB, 16:00-17:15 T, Elliott Hall S160, In Person Term Based; 3 cr.

3993 Directed Study

(Student Option; Prereq instr consent, dept consent, college consent.)

48904 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

3996 Undergraduate Fieldwork and Internship in Psychology

(Student Option; Prereq: 1001, instr consent, dept consent)

49363 001 DIS, 14:30-16:00 M, Elliott Hall N423, In Person Term Based; Kelli Howard ; 1-4 cr.

4011 Applied Behavior Analysis

(Student Option; Prereq: 3011 or instr consent)

52303 001 LEC, 13:00-14:15 MW, Elliott Hall N119, In Person Term Based; Meets With: 001 PSY 5011; Eric Larsson ; 3 cr.

4032 Psychology of Music

(Student Option; Prereq: Grad or [[jr or sr], [3011 or 3031 or 3051 or 3061]] or instr consent)

51809 001 LEC, 14:30-15:45 MW, Elliott Hall N391, In Person Term Based; Kelly Whiteford, Erin O'Neill ; 3 cr.

4501 Psychology of Women and Gender

(Student Option; Prereq: [[Jr or sr], psych major] or instr consent)

51307 001 LEC, 9:45-11:00 TTh, Peik Hall 28, In Person Term Based; Kristen Kling ; 3 cr.

4521 Psychology of Stress and Trauma

(A-F only; Prereq: PSY 1001 and 3001W)

51801 001 LEC, 13:00-14:15 TTh, Elliott Hall N119, In Person Term Based; Patricia Frazier ; 3 cr.

4902V Honors Project

(A-F or Audit; Prereq: instr consent, dept consentWI)

48910 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

4993 Directed Research: Special Areas of Psychology and Related Sciences

(Student Option; Prereq: instr consent, dept consent)

49798 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

4994V Honors Research Practicum

(A-F only; Prereq: [3001W or 3001V], psych major, honorsWI)

48911 001 IND, 11:15-12:30 TTh, Mechanical Engineering 221, In Person Term Based; Charles Fletcher ; 4 cr.

5011 Applied Behavior Analysis

(Student Option No Audit;)

69660 001 LEC, 13:00-14:15 MW, Elliott Hall N119, In Person Term Based; Meets With: 001 PSY 4011; Eric Larsson ; 3 cr.

5014 Psychology of Human Learning and Memory

(A-F only; Prereq: 3011 or 3051 or honors or grad student)

67169 001 LEC, 18:00-20:45 W, Wulling Hall 220, In Person Term Based; Wilma Koutstaal ; 3 cr.

5015 Cognition, Computation, and Brain

(Student Option; Prereq: [Honors or grad] or [[jr or sr], [3011 or 3031 or 3051 or 3061]] or instr consent)

68902 001 LEC, 9:45-11:00 TTh, Elliott Hall N391, In Person Term Based; Chad Marsolek ; 3 cr.

5064 Brain and Emotion

(A-F or Audit; Prereq: 3061 or 5061 or instr consent)

67089 001 LEC, 11:15-12:30 MW, Elliott Hall N119, In Person Term Based; Jonathan Gewirtz ; 3 cr.

5101 Personality: Current Theory and Research

(Student Option; Prereq: Psy 3001W and either Psy 3101 or Psy 3135 OR Psychology PhD student)

52312 001 LEC, 13:00-14:15 TTh, Elliott Hall N668, In Person Term Based; Colin DeYoung ; 3 cr.

5138 Adult Development and Aging

(Student Option; Prereq: Junior, Senior or Graduate Student)

69732 001 LEC, 11:15-12:30 TTh, Elliott Hall N668, In Person Term Based; Kristen Kling ; 3 cr.

5202 Attitudes and Social Behavior

(Student Option; Prereq: 3201 or instr consent)

48908 001 LEC, 13:25-14:15 MWF, Elliott Hall N391, In Person Term Based; Eugene Borgida ; 3 cr.

5501 Vocational and Occupational Health Psychology**(Student Option; Prereq: 3001W or equiv or instr consent)**

48909 001 LEC, 17:00-19:30 M, Elliott Hall N391, In Person Term Based; Lovey Peissig ; 3 cr.

5701 Employee Selection and Staffing**(Student Option; Prerequisite: Psy 3001W, Psy 3711 or Instructor Permission)**

67091 001 LEC, 13:00-15:45 T, Elliott Hall N391, In Person Term Based; Deniz Ones ; 3 cr.

5865 Advanced Psychological and Educational Measurement**(Student Option; Prereq: 5862 or instr consent)**

67093 001 LEC, 11:15-12:30 TTh, Elliott Hall N423, In Person Term Based; Meets With: 001 EPSY 8222; David Weiss, Mark Davison ; 4 cr.

67094 002 LAB, 10:30-12:30 M, Elliott Hall S150, In Person Term Based; Meets With: 002 EPSY 8222; David Weiss, Mark Davison ; 4 cr.

5960 Topics in Psychology**(Student Option; Prereq: PSY 1001, [jr or sr or grad student])**

69754 001 LEC, 13:00-14:15 TTh, Elliott Hall N423, In Person Term Based; Stephen Engel ; 1-4 cr.

5993 Research Laboratory in Psychology**(Student Option; Prereq: instr consent, dept consent)**

50477 001 LAB, 00:00-00:00 , , In Person Term Based; Eugene Borgida ; 3 cr.

50477 001 LAB, 00:00-00:00 , , In Person Term Based; Eugene Borgida ; 3 cr.

50478 005 LAB, 00:00-00:00 , , In Person Term Based; Christopher Federico ; 3 cr.

50478 005 LAB, 00:00-00:00 , , In Person Term Based; Christopher Federico ; 3 cr.

50479 006 LAB, 00:00-00:00 , , In Person Term Based; Charles Fletcher ; 3 cr.

50479 006 LAB, 00:00-00:00 , , In Person Term Based; Charles Fletcher ; 3 cr.

50480 007 LAB, 00:00-00:00 , , In Person Term Based; Patricia Frazier ; 3 cr.

50480 007 LAB, 00:00-00:00 , , In Person Term Based; Patricia Frazier ; 3 cr.

50481 008 LAB, 00:00-00:00 , , In Person Term Based; Jonathan Gewirtz ; 3 cr.

50481 008 LAB, 00:00-00:00 , , In Person Term Based; Jonathan Gewirtz ; 3 cr.

50482 009 LAB, 00:00-00:00 , , In Person Term Based; Marti Hope Gonzales ; 3 cr.

50482 009 LAB, 00:00-00:00 , , In Person Term Based; Marti Hope Gonzales ; 3 cr.

50483 010 LAB, 00:00-00:00 , , In Person Term Based; Sheng He ; 3 cr.

50483 010 LAB, 00:00-00:00 , , In Person Term Based; Sheng He ; 3 cr.

50485 012 LAB, 15:15-16:30 W, Elliott Hall N227, In Person Term Based; William Iacono, Matt Mc Gue ; 3 cr.

50485 012 LAB, 15:15-16:30 W, Elliott Hall N227, In Person Term Based; William Iacono, Matt Mc Gue ; 3 cr.

50486 014 LAB, In Person Term Based; Daniel Kersten ; 3 cr.

50487 015 LAB, 00:00-00:00 , , In Person Term Based; Bonnie Klimes-Dougan ; 3 cr.

50487 015 LAB, 00:00-00:00 , , In Person Term Based; Bonnie Klimes-Dougan ; 3 cr.

50488 016 LAB, 9:00-11:00 M, Elliott Hall S160, In Person Term Based; Penny Nichol ; 3 cr.

50488 016 LAB, 9:00-11:00 M, Elliott Hall S160, In Person Term Based; Penny Nichol ; 3 cr.

50489 017 LAB, 00:00-00:00 , , In Person Term Based; Wilma Koutstaal ; 3 cr.

50489 017 LAB, 00:00-00:00 , , In Person Term Based; Wilma Koutstaal ; 3 cr.

50490 019 LAB, 00:00-00:00 , , In Person Term Based; Nathan Kuncel ; 3 cr.

50490 019 LAB, 00:00-00:00 , , In Person Term Based; Nathan Kuncel ; 3 cr.

50491 021 LAB, 00:00-00:00 , , In Person Term Based; Richard Lee ; 3 cr.

50491 021 LAB, 00:00-00:00 , , In Person Term Based; Richard Lee ; 3 cr.

50492 023 LAB, 00:00-00:00 , , In Person Term Based; Shmuel Lissek ; 3 cr.

50493 024 LAB, 00:00-00:00 , , In Person Term Based; Monica Luciana ; 3 cr.

50493 024 LAB, 00:00-00:00 , , In Person Term Based; Monica Luciana ; 3 cr.

50494 025 LAB, 16:00-17:30 W, Elliott Hall N423, In Person Term Based; Angus MacDonald ; 3 cr.

50494 025 LAB, 16:00-17:30 W, Elliott Hall N423, In Person Term Based; Angus MacDonald ; 3 cr.

50495 026 LAB, 00:00-00:00 , , In Person Term Based; Traci Mann ; 3 cr.

50495 026 LAB, 00:00-00:00 , , In Person Term Based; Traci Mann ; 3 cr.

50498 030 LAB, 00:00-00:00 , , In Person Term Based; Andrew Oxenham ; 3 cr.

50498 030 LAB, 00:00-00:00 , , In Person Term Based; Andrew Oxenham ; 3 cr.

50499 031 LAB, 00:00-00:00 , , In Person Term Based; Alexander Rothman ; 3 cr.

50499 031 LAB, 00:00-00:00 , , In Person Term Based; Alexander Rothman ; 3 cr.

50500 032 LAB, 00:00-00:00 , , In Person Term Based; Paul Sackett ; 3 cr.

50500 032 LAB, 00:00-00:00 , , In Person Term Based; Paul Sackett ; 3 cr.

50589 034 LAB, 00:00-00:00 , , In Person Term Based; Paul Schrater ; 3 cr.

50589 034 LAB, 00:00-00:00 , , In Person Term Based; Paul Schrater ; 3 cr.

50590 035 LAB, 00:00-00:00 , , In Person Term Based; Jeff Simpson ; 3 cr.

50590 035 LAB, 00:00-00:00 , , In Person Term Based; Jeff Simpson ; 3 cr.

50595 036 LAB, 00:00-00:00 , , In Person Term Based; Mark Snyder ; 3 cr.

50595 036 LAB, 00:00-00:00 , , In Person Term Based; Mark Snyder ; 3 cr.

50600 038 LAB, 00:00-00:00 , , In Person Term Based; Mark Thomas ; 3 cr.

50650 003 LAB, 00:00-00:00 , , In Person Term Based; Colin DeYoung ; 3 cr.

50876 004 LAB, 00:00-00:00 , , In Person Term Based; Stephen Engel ; 3 cr.

50876 004 LAB, 00:00-00:00 , , In Person Term Based; Stephen Engel ; 3 cr.

50877 013 LAB, 00:00-00:00 , , In Person Term Based; Yuhong Jiang ; 3 cr.

50877 013 LAB, 00:00-00:00 , , In Person Term Based; Yuhong Jiang ; 3 cr.

50878 029 LAB, 00:00-00:00 , , In Person Term Based; Deniz Ones ; 3 cr.

50878 029 LAB, 00:00-00:00 , , In Person Term Based; Deniz Ones ; 3 cr.

50879 033 LAB, 00:00-00:00 , , In Person Term Based; Aaron Schmidt ; 3 cr.

50880 037 LAB, 00:00-00:00 , , In Person Term Based; Moin Syed ; 3 cr.

50880 037 LAB, 00:00-00:00 , , In Person Term Based; Moin Syed ; 3 cr.

50977 020 LAB, 00:00-00:00 , , In Person Term Based; James Lee ; 3 cr.

50988 039 LAB, 00:00-00:00 , , In Person Term Based; Niels Waller ; 3 cr.

50988 039 LAB, 00:00-00:00 , , In Person Term Based; Niels Waller ; 3 cr.

51055 022 LAB, 00:00-00:00 , , In Person Term Based; Gordon Legge ; 3 cr.

51055 022 LAB, 00:00-00:00 , , In Person Term Based; Gordon Legge ; 3 cr.

51056 018 LAB, 00:00-00:00 , , In Person Term Based; Robert Krueger ; 3 cr.

67230 041 LAB, In Person Term Based; Nicola Grissom ; 3 cr.

68300 042 LAB, In Person Term Based; Scott Vrieze ; 3 cr.

69983 043 LAB, In Person Term Based; Andrew Harris ; 3 cr.

70331 044 LAB, In Person Term Based; Mark Stellmack ; 3 cr.

8036 Topics in Computational Vision**(Student Option; Prereq: 5031 or 5036 or equiv or instr consent)**

51372 001 LEC, 15:00-16:30 T, Elliott Hall N227, In Person Term Based; Daniel Kersten ; 3 cr.

8206 Proseminar in Social Psychology**(S-N only; Prereq: [PSY 8205, Social Psych PhD student] or instr consent)**

69753 001 LEC, 12:00-13:00 M, Elliott Hall N391, In Person Term Based; Mark Snyder, Jeff Simpson ; 1 cr.

8208 Social Psychology: The Self**(A-F or Audit; Prereq: Psych background especially in personality and soc psych)**

51569 001 LEC, 13:00-15:00 T, Elliott Hall N353, In Person Term Based; Mark Snyder ; 3 cr.

8209 Research Methods in Social Psychology**(A-F only; Prereq: Psych PhD student)**

67096 001 LEC, 9:00-11:00 T, Elliott Hall N353, In Person Term Based; Alexander Rothman ; 3 cr.

8212 Proseminar in Political Psychology II**(S-N or Audit;)**

67097 001 LEC, 9:00-10:55 F, Social Sciences Building 1314, In Person Term Based; Meets With: 001 POL 8308; C. Myers, Christopher Federico ; 2 cr.

8333 FTE: Master's**(No Grade Associated; Prereq: Master's student, adviser and DGS consent)**

49554 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8444 FTE: Doctoral**(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)**

49576 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8502 Assessment in Counseling Psychology**(Student Option; Prereq: Counseling psych grad student or instr consent)**

49951 001 LEC, 14:30-16:00 M, Elliott Hall N595, 17:30-19:00 W, Elliott Hall N595, In Person Term Based; Matthew Kaler, Amy Kranz ; 3 cr.

8511 Counseling Psychology Beginning Practicum: General**(S-N only; Prereq: Counseling Psy grad student)**

49344 001 FWK, 00:00-00:00 , , In Person Term Based; Patricia Frazier ; 1-6 cr.

8515 University Counseling Practicum II**(S-N only; Prereq: Counseling Psy grad student)**

50048 001 FWK, 12:00-16:30 M, Room TBA, 10:00-12:00 F, Room TBA, 8:00-12:30 W, Room TBA, In Person Term Based; Chia-Chen Tu, Leslie Bautista ; 4-6 cr.

8541 Multicultural Psychology**(Student Option; Prereq: instr consent)**

67090 001 LEC, 9:00-11:30 M, Elliott Hall N227, In Person Term Based; Moin Syed ; 3 cr.

8561 Counseling Psychology Advanced Practicum II: General**(S-N only; Prereq: Counseling psy grad student, instr consent)**

49429 001 FWK, 15:00-16:30 F, Elliott Hall N595, In Person Term Based; Samantha Anders ; 1-3 cr.

8566 Counseling Psychology Advanced Practicum II: Career Counseling and Assessment Clinic**(S-N only; Prereq: Counseling psy grad student, instr consent)**

49355 001 FWK, 00:00-00:00 , , In Person Term Based; Samantha Anders ; 1-6 cr.

8571 Counseling Psychology Internship II**(S-N only; Prereq: Counseling psy PhD candidate, instr consent)**

49454 001 FWK, 00:00-00:00 , , In Person Term Based; Patricia Frazier ; 1-12 cr.

8612 Assessment of Personality and Psychopathology: Interviewing, Diagnosis, and Cultural Diversity**(A-F or Audit; Prereq: 8611, clinical psych grad student)**

49353 001 LEC, 12:30-14:30 W, Elliott Hall N423, 11:00-14:00 M, Elliott Hall N423, In Person Term Based; Bonnie Klimes-Dougan, Scott Vrieze ; 5 cr.

8620 Clinical Practicum: Consultation, Supervision, Professional Standards, and Lifelong Learning**(S-N or Audit; Prereq: instr consent)**

49354 001 FWK, 00:00-00:00 , , In Person Term Based; Shmuel Lissek ; 1-6 cr.

8666 Doctoral Pre-Thesis Credits**(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)**

69949 001 IND, In Person Term Based; 1-6 cr.

8703 Seminar in Industrial and Organizational Psychology III**(A-F or Audit; Prereq: instr consent)**

67092 001 LEC, 10:00-13:00 M, Elliott Hall N491, In Person Term Based; Deniz Ones, Aaron Schmidt ; 3 cr.

8777 Thesis Credits: Master's**(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])**

49627 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8815 Analysis of Psychological Data**(Student Option; Prereq: 8814, instr consent)**49952 001 LEC, 11:15-12:30 TTh, Elliott Hall N391, In Person Term Based; Jeff Jones ; 4 cr.
50978 002 LAB, 14:00-16:00 F, Elliott Hall N423, In Person Term Based; 4 cr.**8882 Seminar: Quantitative and Psychometric Methods****(Student Option;)**

50184 001 LEC, 15:30-17:00 T, Elliott Hall N668, In Person Term Based; Niels Waller ; 3 cr.

8888 Thesis Credit: Doctoral**(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)**

49620 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8935 Readings in Behavioral Genetics and Individual Differences Psychology**(S-N or Audit; Prereq: 5135, 5137 or instr consent)**

49364 001 IND, 12:00-13:00 M, Elliott Hall N227, In Person Term Based; Matt Mc Gue ; 1 cr.

8937 Seminar in Human Behavioral Genetics**(Student Option; Prereq: 5137 or instr consent)**

51269 001 LEC, 11:15-12:30 TTh, Elliott Hall N227, In Person Term Based; Matt Mc Gue ; 3 cr.

8960 Graduate Seminar in Psychology**(Student Option; Prereq: Psychology grad student or instr consent)**

50434 001 LEC, 14:15-17:15 Th, Elliott Hall N391, In Person Term Based; Niels Waller ; 1-4 cr.

8993 Directed Studies: Special Areas of Psychology and Related Sciences**(Student Option; Prereq: instr consent)**

50621 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

Public Affairs (PA)**1401 Public Affairs: Community Organizing Skills for Public Action****(A-F only; CIV)**

54887 001 DIS, 8:15- 9:30 MW, Hubert H. Humphrey School 60, In Person Term Based; Dennis Donovan ; 3 cr.

3001 Changing the World: Contemporary Public Policy**(A-F only;)**

68093 001 LEC, 17:45-20:30 W, Hubert H. Humphrey School 60, In Person Term Based; Diana Beck ; 3 cr.

3481 Cedar Riverside: Where The World Meets MN**(A-F only;)**

54960 001 LEC, 8:30-12:30 MTWThF, Hubert H. Humphrey School 15, 19:00-22:00 F, No Room Required, In Person Term Based; Merrie Benasutti ; 2 cr.

3969 Survey of Election Administration**(Student Option No Audit;)**

70201 001 LEC, In Person Term Based; Meets With: 001 PA 5971; Doug Chapin ; 3 cr.

3972 Elections and the Law**(Student Option No Audit;)**

70111 001 LEC, 00:00-00:00 , ONLINE, In Person Term Based; Meets With: 001 PA 5972; Doug Chapin ; 3 cr.

3974 Election Administration Capstone Project**(A-F only;)**

70113 001 LEC, In Person Term Based; Meets With: 001 PA 5974; Doug Chapin ; 2 cr.

3975 Election Design**(Student Option No Audit;)**

70114 001 LEC, In Person Term Based; Meets With: 001 PA 5975; Dana Chisnell, Whitney Quesenbery ; 2 cr.

3982 Data Analysis for Election Administration**(Student Option No Audit;)**

70115 001 LEC, In Person Term Based; Meets With: 001 PA 5982; Tamara Patrick ; 2 cr.

3991 Independent Study**(Student Option; Prereq: instr consent)**69686 001 IND, In Person Term Based; Harry Boyte ; 1-3 cr.
70168 002 IND, In Person Term Based; Merrie Benasutti ; 1-3 cr.**4101 Nonprofit Management and Governance****(Student Option;)**

54835 001 LEC, 16:40-19:25 T, Hubert H. Humphrey School 25, In Person Term Based; Stephanie Jacobs ; 3 cr.

5002 Introduction to Policy Analysis**(A-F or Audit;)**

54824 001 LEC, 18:00-20:45 M, Hubert H. Humphrey School 30, In Person Term Based; Robert Kudrle ; 1.5 cr.

5003 Introduction to Financial Analysis and Management**(A-F or Audit; Prereq: Public policy major/minor or major in development practice, public affairs or liberal studies or grad nonprofit mgmt cert or instr consent)**

54909 002 LEC, 18:00-20:45 Th, Carlson School of Mgmt 2-219, In Person Term Based; P. Jay Kiedrowski ; 1.5 cr.

5011 Management of Organizations**(A-F or Audit;)**

54883 001 LEC, 16:00-17:15 TTh, Carlson School of Mgmt 1-127, In Person Term Based; Carrie Oelberger ; 3 cr.

5012 The Politics of Public Affairs**(A-F or Audit;)**

54957 002 LEC, 18:00-20:45 Th, Hubert H. Humphrey School 15, In Person Term Based; Henri Hendriks ; 3 cr.

5021 Economics For Policy Analysis and Planning I**(A-F or Audit; Prereq: [Econ 1101 or equiv] or instr consent)**

67037 001 LEC, 17:45-19:00 TTh, Hubert H. Humphrey School 184, In Person Term Based; Audrey Dorelien, Angie Fertig ; 3 cr.

67038 002 LAB, 19:15-20:30 Th, Hubert H. Humphrey School 184, In Person Term Based; Audrey Dorelien, Angie Fertig ; 3 cr.

5022 Economics For Policy Analysis and Planning II**(A-F or Audit; Prereq: 5021 or equiv)**

65697 001 LEC, 9:45-11:00 TTh, Hubert H. Humphrey School 20, In Person Term Based; Judy Temple ; 1.5-3 cr.

65699 003 LEC, 11:15-12:30 TTh, Hubert H. Humphrey School 184, In Person Term Based; Maria Hanratty ; 1.5-3 cr.

65700 004 LEC, 13:00-14:15 TTh, Hubert H. Humphrey School 184, In Person Term Based; Samuel Myers ; 1.5-3 cr.

5032 Regression Analysis**(A-F or Audit; Prereq: [5031 or equiv] or instr consent)**

54794 001 LEC, 9:45-11:00 MW, Hanson Hall 1-107, In Person Term Based; Robert Kudrle ; 2 cr.

54795 002 LAB, 13:50-14:40 F, Hubert H. Humphrey School 85, In Person Term Based; Robert Kudrle ; 2 cr.

54808 004 LEC, 17:45-19:00 MW, Carlson School of Mgmt 1-123, In Person Term Based; Robert Kudrle ; 2 cr.

54819 005 LAB, 19:15-20:05 W, Hubert H. Humphrey School 85, In Person Term Based; Robert Kudrle ; 2 cr.

54820 003 LAB, 12:45-13:35 F, Hubert H. Humphrey School 85, In Person Term Based; Robert Kudrle ; 2 cr.

5033 Multivariate Techniques**(A-F or Audit; Prereq: [5032 or 5044 or equiv] or instr consent. May fulfill stats requirements in other programs.)**

54796 001 LEC, 17:45-19:00 MW, Hubert H. Humphrey School 25, In Person Term Based; Morris Kleiner ; 2 cr.

54810 004 LEC, 9:45-11:00 MW, Hubert H. Humphrey School 25, In Person Term Based; Morris Kleiner ; 2 cr.

54811 005 LAB, 13:50-14:40 F, Hubert H. Humphrey School 85, In Person Term Based; Morris Kleiner ; 2 cr.

54818 006 LAB, 12:45-13:35 F, Hubert H. Humphrey School 85, In Person Term Based; Morris Kleiner ; 2 cr.

54821 002 LAB, 19:15-20:05 W, Hubert H. Humphrey School 85, In Person Term Based; Morris Kleiner ; 2 cr.

5041 Qualitative Methods for Policy Analysts**(A-F only;)**

54895 001 LEC, 16:00-17:15 MW, Hubert H. Humphrey School 35, In Person Term Based; Greta Friedemann-Sanchez ; 4 cr.

54896 002 LAB, 13:00-14:15 W, Hubert H. Humphrey School 184, In Person Term Based; Greta Friedemann-Sanchez ; 4 cr.

5042 Urban and Regional Economics**(A-F Only; Prereq: [Major or minor in urban and regional planning, microeconomics course] or instr consent)**

54865 001 LEC, 13:00-14:15 TTh, Hubert H. Humphrey School 25, In Person Term Based; Jason Cao ; 2 cr.

54884 002 DIS, 10:10-11:00 F, Hubert H. Humphrey School 30, In Person Term Based; Jason Cao ; 2 cr.

54885 003 DIS, 11:15-12:05 F, Hubert H. Humphrey School 30, In Person Term Based; Jason Cao ; 2 cr.

5043 Economic and Demographic Data Analysis**(A-F only; Prereq: Major or minor in urban/regional planning or instr consent)**

54866 001 LEC, 13:00-14:15 TTh, Hubert H. Humphrey School 25, In Person Term Based; Andrew Guthrie ; 2 cr.

54867 002 LAB, 9:45-11:00 F, Hubert H. Humphrey School 85, In Person Term Based; Andrew Guthrie ; 2 cr.

54868 003 LAB, 11:15-12:30 F, Hubert H. Humphrey School 85, In Person Term Based; Andrew Guthrie ; 2 cr.

5044 Regression Analysis, Accelerated**(A-F only; Prereq: [5031 or equiv] or instr consent)**

54888 001 LEC, 9:45-11:00 MW, Hubert H. Humphrey School 25, In Person Term Based; Angie Fertig ; 2 cr.

54889 002 LAB, 9:45-11:00 F, Hubert H. Humphrey School 85, In Person Term Based; Angie Fertig ; 2 cr.

5052 Cohort Leadership II**(A-F only; Prereq: Major in public affairs (cohort) or public affairs certificate (cohort); 5051-5052 must be taken in same academic yr)**

54847 001 LEC, 10:00-17:00 F, Hubert H. Humphrey School 180, 8:30-16:30 Sa, Hubert H. Humphrey School 180, 10:00-17:00 F, Hubert H. Humphrey School 180, 8:30-16:30 Sa, Hubert H. Humphrey School 180, 10:00-17:00 F, Hubert H. Humphrey School 180, 8:30-16:30 Sa, Hubert H. Humphrey School 180, 10:00-17:00 F, Hubert H. Humphrey School 180, 12:00-16:30 Sa, Hubert H. Humphrey School 180, Partially Online; Kevin Gerdes, Jodi Sandfort, Angie Fertig ; 2 cr.

5054 Cohort Policy & Program Analysis II**(A-F only; Prereq: Major in public affairs (cohort) or public affairs certificate (cohort); 5053-5054 must be taken in same academic yr)**

54848 001 LEC, Partially Online; Angie Fertig, Kevin Gerdes, Jodi Sandfort ; 2 cr.

5056 Cohort Research Methods II**(A-F only; Prereq: Major in public affairs or public affairs certificate, [5055-5056 must be taken in same academic yr])**

54846 001 LAB, 8:30-12:00 Sa, Bruininks Hall 131B, Partially Online; Kevin Gerdes, Jodi Sandfort, Angie Fertig ; 2 cr.

5080 Capstone Preparation Workshop**(S-N only;)**

54836 001 LEC, 9:00-17:00 F, Hanson Hall 1-103, 9:00-16:00 Sa, Hanson Hall 1-103, In Person Term Based; Kevin Gerdes ; 1 cr.

54893 002 LEC, 18:00-20:45 T, Hubert H. Humphrey School 15, In Person Term Based; Kevin Gerdes ; 1 cr.

5101 Management and Governance of Nonprofit Organizations**(Student Option; Prereq: Grad student or instr consent)**

54910 001 LEC, 17:45-20:30 Th, Blegen Hall 425, In Person Term Based; Michael Wirth-Davis ; 3 cr.

5105 Integrative Leadership Seminar**(Student Option No Audit; Prereq: Grad student or instr consent)**

54837 001 LEC, In Person Term Based; Meets With: 001 OLPD 6402060 MGMT 6402001 LAW 6623001 PUBH 6702; 3 cr.

5108 Board leadership development**(S-N only; Prereq: Grad student or instr consent)**

54894 001 LEC, 9:00-16:30 Sa, Carlson School of Mgmt 2-228, 9:00-11:00 F, Carlson School of Mgmt 2-228,

Sa, Hubert H. Humphrey School 85, In Person Term Based; Jennifer Guyer-Wood ; 1 cr.

5926 Presentation Skills: How to Inspire Your Audience and Change the World (Student Option No Audit;)

54945 001 LEC, 16:00-17:30 M, Hubert H. Humphrey School 184, In Person Term Based; Gwendolyn Freed ; 1 cr.
54946 002 LEC, 16:15-17:45 T, Hubert H. Humphrey School 184, In Person Term Based; Diana Beck ; 1 cr.

5929 Data Visualization: Telling Stories with Numbers (Student Option;)

54940 001 LAB, 18:00-20:45 M, Hubert H. Humphrey School 85, In Person Term Based; Geoffrey Maas ; 1.5 cr.
67035 002 LAB, 14:30-15:45 TTh, Hubert H. Humphrey School 85, In Person Term Based; Audrey Dorelien ; 1.5 cr.

5962 State Governing and Legislating: Working the Process (A-F only;)

66870 001 LEC, 18:00-20:45 Th, Hubert H. Humphrey School 60, In Person Term Based; Rachel Stassen-Berger ; 3 cr.

5971 Survey of Election Administration (Student Option No Audit;)

70202 001 LEC, In Person Term Based; Meets With: 001 PA 3969; Doug Chapin ; 3 cr.

5972 Elections and the Law

(Student Option No Audit;)
54906 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Meets With: 001 PA 3972; Doug Chapin ; 3 cr.

5974 Election Administration Capstone Project (Student Option No Audit;)

54947 001 LEC, Completely Online; Meets With: 001 PA 3974; Doug Chapin ; 2 cr.

5975 Election Design

(Student Option No Audit;)
54955 001 LEC, Completely Online; Meets With: 001 PA 3975; Dana Chisnell, Whitney Quesenberry ; 2 cr.

5982 Data Analysis for Election Administration (Student Option No Audit;)

66871 001 LEC, Completely Online; Meets With: 001 PA 3982; Tamara Patrick ; 2 cr.

5990 Topics: Public Affairs - General Topics (Student Option;)

66275 001 LEC, 18:00-20:45 M, Hubert H. Humphrey School 30, In Person Term Based; Thad Hellman ; 0-3 cr.

8004 Integrative Doctoral Seminar in Public Affairs II

(A-F only; Prereq: Public Affairs doctoral student)
54897 001 LEC, 11:15-12:30 TTh, Blegen Hall 145, In Person Term Based; Greg Lindsey ; 3 cr.

8005 Doctoral Research Seminar in Public Affairs

(A-F only; Prereq: Public Affairs doctoral student)
54916 001 LEC, 9:05-11:50 F, Blegen Hall 220, In Person Term Based; Jessica Stanton ; 3 cr.

8006 Current Research in Public Affairs: Topics, Approaches, and Cultures (S-N only;)

68022 001 LEC, 11:15-12:45 M, Hubert H. Humphrey School 184, In Person Term Based; Greg Lindsey ; 1.5 cr.

8081 Capstone Workshop

(A-F only; Prereq: completion of core courses or instr consent)
66961 004 LEC, 14:30-17:00 T, Hubert H. Humphrey School 60, In Person Term Based; Maria Hanratty ; 3 cr.
66962 009 LEC, 16:40-19:25 T, Blegen Hall 230, In Person Term Based; Robert Kudrle, Sherry Gray ; 3 cr.
66965 006 LEC, 14:30-17:00 Th, Hubert H. Humphrey School 35, In Person Term Based; Daniel Milz ; 3 cr.
67077 008 LEC, 12:05-14:50 F, Hubert H. Humphrey School 35, In Person Term Based; Mary Curtin ; 3 cr.
67084 011 LEC, 18:00-20:45 T, Hubert H. Humphrey School 20, In Person Term Based; Lyssa Leitner ; 3 cr.
67085 007 LEC, 11:15-14:00 M, Hubert H. Humphrey School 15, In Person Term Based; Neeraj Mehta ; 3 cr.

67594 001 LEC, 18:00-20:45 T, Carlson School of Mgmt 1-122, In Person Term Based; Laura Bloomberg, Keith Mayes ; 3 cr.

69586 003 LEC, 14:30-17:15 Th, Blegen Hall 225, In Person Term Based; Judy Temple ; 3 cr.
69606 012 LEC, 8:15-11:00 W, Blegen Hall 240, In Person Term Based; Steve Kelley ; 3 cr.

8082 Working Group

(A-F or Audit; Prereq: completion of core courses, or instr consent)

66963 001 LEC, 8:15-11:00 W, Hubert H. Humphrey School 35, In Person Term Based; Deborah Levison ; 3 cr.

8202 Networks and Places: Transportation, Land Use, and Design

(A-F or Audit; Prereq: Major/minor in urban and regional planning or PA PhD or instr consent)

54806 001 LEC, 14:30-16:25 MW, Hubert H. Humphrey School 30, In Person Term Based; Jason Cao ; 4 cr.

8206 Planning Theory

(A-F only; Prereq: Public Affairs Ph.D. student, urban planning subplan)

69789 001 LEC, 13:00-15:45 T, Hubert H. Humphrey School 15, In Person Term Based; Daniel Milz ; 3 cr.

8290 Advanced Topics in Planning

(Student Option;)
67331 001 LEC, 14:30-15:30 Th, Mechanical Engineering 102, In Person Term Based; Meets With: 001 ME 8772001 CECE 8213; Max Donath ; 1-3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

54941 001 IND, In Person Term Based; 1 cr.

8690 Advanced Topics in Women, Gender and Public Policy (Student Option;)

67080 001 LEC, 17:30-20:15 T, Hubert H. Humphrey School 35, In Person Term Based; Meets With: 001 PA 5690; Christina Ewig ; 1-3 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

54807 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: [Max 18 cr per semester or summer], 24 cr required)

54942 001 IND, In Person Term Based; 1-24 cr.

8921 Master's: Professional Paper (Individual Option)

(Student Option; Prereq: instr consent)
54850 001 IND, 00:00-00:00 , Independent/Directed Study; Gabriel Au-Chan ; 1-3 cr.
54857 002 IND, Independent/Directed Study; Anu Ramaswami ; 1-3 cr.
54858 003 IND, Independent/Directed Study; Angie Fertig, Michael Finch ; 1-3 cr.
54859 004 IND, Independent/Directed Study; Jodi Sandfort ; 1-3 cr.
54860 005 IND, Independent/Directed Study; Carrie Oelberger ; 1-3 cr.

8922 Master's Paper: Plan B

(Student Option; Prereq: instr consent)
54904 001 IND, In Person Term Based; 1-3 cr.

8991 Independent Study

(Student Option;)
54799 001 IND, 00:00-00:00 , Independent/Directed Study; Morris Kleiner ; 0.5-3 cr.
54801 004 IND, 00:00-00:00 , Independent/Directed Study; Will Hueston, Fernando Sampedro Parra ; 0.5-3 cr.

Public Health (PUBH)

20 Community Engagement

(No Grade Associated; Prereq: Academic faculty adviser consent)

60627 001 FWK, 00:00-00:00 , Independent/Directed Study; 0 cr.

1001 Success Over Stress (SOS)

(Student Option; Prereq: Undergrad or PSEO student)
60758 001 LEC, Completely Online; 1 cr.
60770 002 LEC, Completely Online; 1 cr.

60771 003 LEC, Completely Online; 1 cr.
60772 004 LEC, Completely Online; 1 cr.
60828 006 LEC, Completely Online; 1 cr.

1003 Alcohol and College Life (ACL)

(Student Option; Prereq: Fr or soph or PSEO)
60493 001 LEC, Completely Online; Laurie Lucachick ; 1 cr.
60494 002 LEC, Completely Online; Laurie Lucachick ; 1 cr.
60611 003 LEC, Completely Online; Laurie Lucachick ; 1 cr.

1004 Sexuality Matters

(Student Option; Prereq: Undergrad or PSEO student)
60785 001 LEC, Completely Online; 1 cr.
60786 002 LEC, Completely Online; 1 cr.
60788 004 LEC, Completely Online; 1 cr.

1005 Sleep, Eat, and Exercise

(Student Option; Prereq: [Undergrad or PSEO] student)
60659 001 LEC, Completely Online; 1 cr.
60748 002 LEC, Completely Online; 1 cr.
60749 003 LEC, Completely Online; 1 cr.
60760 006 LEC, Completely Online; 1 cr.

3001 Personal and Community Health

(Student Option;)
60402 001 LEC, 12:20-13:10 MW, Phillips-Wangenstn Bldg 2-470, In Person Term Based; Harry Lando, Sarah Sevcik ; 2 cr.

3003 Fundamentals of Alcohol and Drug Abuse

(Student Option;)
60403 001 LEC, 12:20-13:10 TTh, Phillips-Wangenstn Bldg 2-470, In Person Term Based; Harry Lando, Sarah Sevcik ; 2 cr.

3004 Basic Concepts in Personal and Community Health

(Student Option;)
60411 001 LEC, 12:20-13:10 MTWTh, Phillips-Wangenstn Bldg 2-470, In Person Term Based; Harry Lando, Sarah Sevcik ; 4 cr.

3005 Fundamentals of Alcohol and Drug Abuse for Teacher Education

(Student Option; Prereq: Undergrad in Agricultural Educ or Career/Technical Educ or DirecTrack to Teaching or Early Childhood Educ or Elementary Educ Foundations or Music Educ or Special Educ)
60513 320 LEC, Completely Online; Meets With: 001 PUBH 6003; Emily Matson ; 1 cr.

3052 Practicum in Peer Education II

(A-F or Audit; Prereq: Undergrad student, demonstrated hlth sci or hlth ed interest, selected to serve as a hlth advocate, instr consent)
60404 001 LEC, 14:45-16:45 T, Moos Health Sci Tower 2-690, In Person Term Based; Julie Sanem ; 2 cr.

3102 Issues in Environmental and Occupational Health

(Student Option;)
60861 320 LEC, In Person Term Based; Petrona Lee ; 3 cr.

3120 Injury Prevention in the Workplace, Community, and Home

(Student Option; Prereq: Basic epidemiology course preferred but not required)
60839 001 LEC, 13:25-15:20 M, Mayo Bldg & Additions 1250, In Person Term Based; Meets With: 001 PUBH 6120; Susan Gerberich ; 2 cr.

3123 Violence Prevention and Control: Theory, Research and Application

(Student Option No Audit; Prereq: None)
60837 001 LEC, 13:25-15:20 W, Mayo Bldg & Additions 1250, In Person Term Based; Meets With: 001 PUBH 6123; Marizen Ramirez ; 2 cr.

3350 Epidemiology: People, Places, and Disease

(Student Option; Prereq: Undergrad statistics course is recommended)
60762 001 LEC, 15:35-17:30 Th, Mayo Bldg & Additions 3-125, In Person Term Based; Ruby Nguyen ; 2 cr.

3601 Maternal and Child Health Global Public Health Issues

(A-F only; Prereq: Public Health minor requirements or instr consent, [3202 or 3001 or 3004], [3350 or 3106])
60793 001 LEC, 10:10-12:05 W, Moos Health Sci Tower 2-620, In Person Term Based; Zobeida Bonilla ; 2 cr.

3801 Health Economics and Policy**(Student Option; Prereq: Course on microeconomics, course on basic statistics)**

60455 001 LEC, 15:35-18:20 W, Rapson Hall 45, In Person Term Based; Caroline Carlin, Eric Christensen ; 3 cr.

3955 Using Policy to Address Child & Adolescent Obesity Prevention**(Student Option; Prereq: basic nutrition course or instr consent)**

67332 001 LEC, Completely Online; Nicole Larson, Melissa Laska ; 1 cr.

6000 Topics: Community Health Promotion (Student Option;)

69162 001 LEC, 10:10-12:05 M, Mayo Bldg & Additions 1250, In Person Term Based; Theresa Osypuk ; 0.5-4 cr.

6003 Fundamentals of Alcohol and Drug Abuse for Teacher Education**(Student Option; Prereq: Master of education student or instr consent)**

60456 001 LEC, Completely Online; Meets With: 320 PUBH 3005; Emily Matson ; 1 cr.

6020 Fundamentals of Social and Behavioral Science**(A-F only; Prereq: Public health [MPH or MHA or certificate] student or health journalism MA major or instr consent)**

60488 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Rhonda Jones-Webb ; 3 cr.

6025 Designing e-Interventions for Public Health**(Student Option;)**

60842 001 LEC, 13:25-15:20 M, Keller Hall 2-260, In Person Term Based; Keith Horvath ; 2 cr.

6034 Evaluation**(Student Option;)**

60399 001 LEC, 9:45-11:00 TTh, Mayo Bldg & Additions A110, In Person Term Based; Traci Toomey ; 3 cr.

6045 Skills for Policy Development**(Student Option;)**

60556 001 LEC, 13:25-15:00 TTh, Mayo Bldg & Additions A110, In Person Term Based; Traci Toomey ; 1 cr.

6049 Legislative Advocacy Skills for Public Health**(A-F only;)**

60400 001 FWK, 15:35-17:30 Th, Mayo Bldg & Additions 1250, 15:35-17:30 Th, Mayo Bldg & Additions 1250, 15:35-17:30 Th, Mayo Bldg & Additions 1250, 15:35-17:30 Th, Mayo Bldg & Additions 1250, 15:35-17:30 Th, Mayo Bldg & Additions 1250, 15:35-17:30 Th, Mayo Bldg & Additions 1250, 15:35-17:30 Th, Mayo Bldg & Additions 1250, 15:35-17:30 Th, Mayo Bldg & Additions 1250, 15:35-17:30 Th, Mayo Bldg & Additions 1250, 15:35-17:30 Th, Mayo Bldg & Additions 1250, 15:35-17:30 Th, Mayo Bldg & Additions 1250, 15:35-17:30 Th, Mayo Bldg & Additions 1250, In Person Term Based; Traci Toomey ; 3 cr.

6051 Community Health Theory and Practice II**(A-F only;)**

60379 001 LEC, 11:15-12:30 TTh, Mayo Bldg & Additions A110, In Person Term Based; Traci Toomey ; 3 cr.

6055 Social Inequalities in Health**(Student Option;)**

60511 001 LEC, 11:15-13:10 W, Mayo Bldg & Additions D199, In Person Term Based; Rhonda Jones-Webb ; 2 cr.

6094 Obesity and Eating Disorder Interventions**(Student Option;)**

60814 001 LEC, 15:35-17:30 W, Mayo Bldg & Additions 1250, In Person Term Based; Jennifer Linde ; 2 cr.

6100 Topics: Environmental Health**(S-N only;)**68333 003 LEC, 11:00-12:00 M, Mayo Bldg & Additions 1155, In Person Term Based; Elizabeth Wattenberg ; 1-4 cr.
68653 001 LEC, 17:30-19:20 TTh, Bruininks Hall 530A, In Person Term Based; Elizabeth Wattenberg, Patricia McGovern ; 1-4 cr.
68654 002 LEC, 10:10-12:00 T, Mayo Bldg & Additions 1155, In Person Term Based; Craig Hedberg ; 1-4 cr.
68655 004 LEC, 14:30-16:10 T, Mayo Bldg & Additions 1155, In Person Term Based; Elizabeth Wattenberg ; 1-4 cr.**6101 Environmental Health****(A-F only; Prereq: Public health [MPH or MHA or certificate] student or instr consent)**

60392 001 LEC, 18:00-20:00 MW, Mayo Bldg & Additions 1250, In Person Term Based; William Toscano ; 2 cr.

6102 Issues in Environmental Health**(A-F only; Prereq: Public health [MPH or MHA or certificate] student or health journalism MA major or nursing MS student or instr consent)**

60855 320 LEC, Completely Online; Petrona Lee ; 2 cr.

6106 Making Sense of Health Studies**(Student Option No Audit;)**

60824 001 DIS, 12:20-14:15 Th, Molecular Cellular Biol 2-120, In Person Term Based; Meets With: 001 PUBH 3106; George Maldonado ; 2 cr.

6107 Excel? and Access? skills in public health settings**(Student Option; Prerequisites)**

69593 001 LEC, 13:25-15:20 Th, Mayo Bldg & Additions A110, In Person Term Based; Claudia Munoz-Zanzi ; 0 cr.

6112 Environmental Health Risk**Assessment: Application to Human****Health Risks from Exposure to****Chemicals****(Student Option; Prereq: Intro courses in toxicology/ exposure analysis (e.g., PubH 6104 Environmental Health Effects: Introduction to Toxicology, PubH 6103 Exposure to Environmental Hazards) or equivalent.)**

60754 001 LEC, 15:30-17:20 W, Mayo Bldg & Additions D325, In Person Term Based; Elizabeth Wattenberg ; 2 cr.

6116 Environmental Law**(Student Option;)**

60653 001 LEC, 16:40-17:30 W, Mayo Bldg & Additions D199, In Person Term Based; Michael Austin ; 1 cr.

6120 Injury Prevention in the Workplace, Community, and Home**(Student Option;)**

60389 001 LEC, 13:25-15:20 M, Mayo Bldg & Additions 1250, In Person Term Based; Meets With: 001 PUBH 3120; Susan Gerberich ; 2 cr.

6121 Topics: Injury Prevention in the Workplace, Community, and Home**(Student Option;)**

60838 001 LEC, 00:00-00:00 , , In Person Term Based; Susan Gerberich ; 1-2 cr.

6123 Violence Prevention and Control: Theory, Research, and Application**(Student Option;)**

60819 001 LEC, 13:25-15:20 W, Mayo Bldg & Additions 1250, In Person Term Based; Meets With: 001 PUBH 3123; Marizen Ramirez ; 2 cr.

6130 Occupational Medicine: Principles and Practice**(S-N only; Prereq: Environmental health major; toxicology course recommended or instr consent)**

60387 001 LEC, 17:00-19:00 W, Moos Health Sci Tower 2-118, In Person Term Based; Jeffrey Mandel ; 2 cr.

6131 Working in Global Health**(Student Option; Prereq Grad student.)**

60835 001 LEC, 18:00-20:30 W, Mayo Bldg & Additions D325, In Person Term Based; Bruce Alexander, William Toscano ; 2 cr.

6140 Occupational and Environmental Epidemiology**(Student Option; Prereq: Coursework in epidemiology, biostatistics)**

60390 001 LEC, 9:05-11:00 Th, Moos Health Sci Tower 2-120, In Person Term Based; Hyun Kim ; 2 cr.

6150 Interdisciplinary Evaluation of Occupational Health and Safety Field Problems**(Student Option; Prereq: 6170 or instr consent)**

60388 001 LEC, 10:10-13:10 T, Mayo Bldg & Additions 1250, In Person Term Based; Kimberly Anderson ; 3 cr.

6154 Climate Change and Global Health**(Student Option; Prereq: Students must have elementary computer skills.)**

60840 001 LEC, 13:00-14:15 TTh, Moos Health Sci Tower 1-430, In Person Term Based; Matt Simcik ; 3 cr.

6160 Systems Toxicology**(Student Option; Prereq: [Coursework in biochemistry, molecular biology, organic chemistry] or instr consent)**

60391 001 LEC, 15:35-16:50 TTh, Mayo Bldg & Additions A110, In Person Term Based; Lisa Peterson, Irina Stepanova ; 3 cr.

6161 Regulatory Toxicology**(Student Option; Prereq: Background in toxicology or pharmacology or related field is recommended)**

60654 001 LEC, 17:30-19:30 Th, Mayo Bldg & Additions 1260, In Person Term Based; Silvia Balbo ; 2 cr.

6173 Exposure to Physical Agents**(Student Option;)**

67139 001 LEC, 16:40-18:40 M, Moos Health Sci Tower 1-435, In Person Term Based; Peter Raynor ; 2 cr.

6175 Environmental Measurements Laboratory**(A-F only; Prereq: EH or instr consent)**

67140 001 LAB, 12:20-16:25 W, Moos Health Sci Tower 1-435, In Person Term Based; Peter Raynor ; 2 cr.

6182 Emerging Infectious Disease: Current Issues, Policies, and Controversies**(Student Option; Prereq: AHC student, instr consent)**

68223 001 LEC, 10:10-13:10 M, Weaver-Densford Hall W2120, In Person Term Based; Michael Osterholm ; 3 cr.

6183 Theory and Practice in Foodborne Disease Outbreak Detection, Investigation and Control**(S-N only;)**

67922 001 LEC, 16:00-18:00 W, Mayo Bldg & Additions 1155, In Person Term Based; Craig Hedberg ; 1 cr.

6210 Public Health Medicine Seminar**(S-N or Audit; Prereq: [Public health medicine program MPH major or [IMD degree or equiv], instr consent])**

60543 001 LEC, 00:00-00:00 , , In Person Term Based; William Lohman ; 1 cr.

6303 Clinical Research Project Seminar**(S-N only;)**

60440 001 LEC, 14:30-16:25 M, Weaver-Densford Hall W2-110, In Person Term Based; Russell Luepker ; 2 cr.

6320 Fundamentals of Epidemiology**(A-F only;)**60642 001 LEC, 8:00-9:55 T, Mayo Bldg & Additions D199, In Person Term Based; DeAnn Lazovich ; 3 cr.
60643 002 LAB, 8:00-9:55 Th, Mayo Bldg & Additions D199, In Person Term Based; DeAnn Lazovich ; 3 cr.
60644 320 LEC, Completely Online; Theresa Osypuk ; 3 cr.**6325 Data Processing with PC-SAS****(Student Option;)**60506 001 LEC, Completely Online; Michael Oakes ; 1 cr.
60507 002 LAB, 9:00-11:00 Sa, Mayo Bldg & Additions C381, 9:00-11:00 Sa, Mayo Bldg & Additions C381, 9:00-11:00 Sa, Mayo Bldg & Additions C381, 9:00-11:00 Sa, Mayo Bldg & Additions C381, In Person Term Based; Michael Oakes ; 1 cr.**6342 Epidemiologic Methods II****(Student Option;)**

60537 001 LEC, 16:00-17:15 TTh, Moos Health Sci Tower 1-450, In Person Term Based; Jim Pankow, Rachel Widome ; 3 cr.

6344 Completing the Culminating Experience: Secondary Data Analysis**(Student Option;)**

67799 002 LEC, 9:05-11:00 M, Mayo Bldg & Additions D199, In Person Term Based; Anna Prizment, Nancy Sherwood ; 2 cr.

6385 Epidemiology and Control of Infectious Diseases**(Student Option;)**

60378 001 LEC, 14:30-16:25 MW, Moos Health Sci Tower 2-690, In Person Term Based; Alan Lifson ; 2 cr.

6386 Public Health Aspects of Cardiovascular Disease**(Student Option; Prereq: [PubH 6341 AND 6450] OR [equivalent] OR [permission of instructor])**

60852 001 LEC, 12:20-14:15 TTh, Moos Health Sci Tower 2-580, In Person Term Based; Aaron Folsom ; 2 cr.

6387 Cancer Epidemiology

(Student Option;)
60384 001 LEC, 10:10-12:05 TTh, Mayo Bldg & Additions D199, In Person Term Based; Heather Nelson ; 2 cr.

6390 Topics: Epidemiology

(Student Option;)
68076 001 LEC, 14:30-16:25 MW, Mayo Bldg & Additions D199, In Person Term Based; Nicole Basta ; 0.5-4 cr.
68658 002 LEC, Completely Online; Kamakshi Lakshminarayan ; 0.5-4 cr.

6414 Biostatistical Literacy

(A-F only; Prereq: MPH or certificate student or environmental health or instr consent)
60610 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Laura Le, Marta Shore ; 3 cr.
69118 001 LEC, 16:00-17:15 TTh, Bruininks Hall 420B, In Person Term Based; Laura Le ; 3 cr.
69119 002 LAB, 17:30-18:20 T, Bruininks Hall 420B, In Person Term Based; Laura Le ; 3 cr.

6450 Biostatistics I

(A-F only; Prereq: [College-level algebra, health sciences grad student] or instr consent)
60380 001 LEC, 10:10-12:05 MW, Bruininks Hall 512B, In Person Term Based; Marta Shore ; 4 cr.
60447 002 LAB, 9:05- 9:55 M, Mayo Bldg & Additions C381, In Person Term Based; Marta Shore ; 4 cr.
60448 003 LAB, 12:20-13:10 W, Mayo Bldg & Additions C381, In Person Term Based; Marta Shore ; 4 cr.
60781 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Baolin Wu ; 4 cr.

6451 Biostatistics II

(Student Option; Prereq: [PubH 6450 with grade of at least B, health sciences grad student] or instr consent)
60381 001 LEC, 10:10-12:05 MW, Moos Health Sci Tower 2-690, In Person Term Based; John Connert ; 4 cr.
60782 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Robert Leduc ; 4 cr.

6544 Principles of Problem Solving in Health Services Organizations

(A-F only; Prereq: 6541, completed 30 hours of MHA coursework, health care administration student)
60406 001 LEC, 13:25-15:15 W, Mayo Bldg & Additions D325, In Person Term Based; Justine Mishek ; 3 cr.

6547 Health Care Human Resources Management

(A-F or Audit; Prereq: Health care admin student or public health admin student or instr consent)
60407 001 LEC, 9:05-11:00 M, Mayo Bldg & Additions D325, In Person Term Based; Leeann Vitalis ; 2 cr.

6553 Health Care Management Ethics

(A-F only; Prereq: Public health MPH or MHA or certificate student or instr consent)
60538 001 LEC, 10:00-13:00 W, Moos Health Sci Tower 2-580, 10:00-13:00 W, Moos Health Sci Tower 2-580, 10:00-13:00 W, Moos Health Sci Tower 2-580, 10:00-13:00 W, Moos Health Sci Tower 2-580, In Person Term Based; Danielle Paciulli ; 1 cr.

6554 Healthcare Strategy and Marketing

(A-F or Audit; Prereq: Health care admin student or public health admin student or instr consent)
60408 001 LEC, 13:25-15:25 T, Mayo Bldg & Additions D199, In Person Term Based; Justine Mishek ; 3 cr.

6557 Health Finance I

(Student Option; Prereq: [[Health care admin or public health admin/policy major], familiarity with computerized spreadsheets] or instr consent)
60514 001 LEC, 9:05-12:05 W, Mayo Bldg & Additions D325, In Person Term Based; Pinar Karaca Mandic ; 3 cr.

6560 Operations Research and Quality in Health Care

(A-F only; Prereq: Grad-level statistics/management coursework)
60816 001 LEC, 13:25-14:55 TTh, Mayo Bldg & Additions D325, In Person Term Based; Bjorn Berg ; 3 cr.

6571 Leading Performance Improvement in Health Care

(A-F only; Prereq: MHA or MPH or certificate student or instr consent)
69219 001 LEC, 13:25-15:25 M, Mayo Bldg & Additions D325, In Person Term Based; Gordon Mosser ; 2 cr.

6573 The Nature of Clinical Care

(A-F only; Prereq: School of Public Health student)
60609 001 LEC, 9:05-11:00 Th, Mayo Bldg & Additions D325, In Person Term Based; Thomas Marr ; 2 cr.

6577 Advanced Problem Solving in Health Services Administration

(A-F only; Prereq: MHA student)
60648 001 LEC, 00:00-00:00 , In Person Term Based; 2 cr.

6596 Legal Considerations in Health Services Organizations

(A-F or Audit; Prereq: Health care admin student)
60410 001 LEC, 16:45-18:45 Th, Mayo Bldg & Additions D325, In Person Term Based; David Feinwachs ; 2 cr.

6605 Reproductive and Perinatal Health

(Student Option; Prereq: Public health student or grad student or instr consent)
67400 001 LEC, 13:25-15:20 TTh, Moos Health Sci Tower 1-450, In Person Term Based; Ruby Nguyen ; 2 cr.

6606 Children's Health: Issues, Programs, and Policies

(Student Option;)
67553 320 LEC, Completely Online; Ellen Demerath ; 2 cr.

6607 Adolescent Health: Issues, Programs, and Policies

(Student Option;)
67285 001 LEC, 15:35-17:30 W, Weaver-Densford Hall W2120, In Person Term Based; Sonya Brady ; 2 cr.

6636 Qualitative Research Methods in Public Health Practice

(Student Option;)
60843 001 LEC, 14:30-16:25 M, Mayo Bldg & Additions A110, In Person Term Based; Melissa Laska ; 2 cr.

6673 Grant Writing for Public Health

(Student Option;)
60655 001 LEC, 12:20-14:15 M, Mayo Bldg & Additions A110, In Person Term Based; DeAnn Lazovich ; 1 cr.

6711 Public Health Law

(Student Option; Prereq: Grad student or professional school student or instr consent)
60395 001 LEC, 17:45-19:40 W, Mayo Bldg & Additions A110, In Person Term Based; Anne Barry ; 2 cr.

6724 The Health Care System and Public Health

(Student Option; Prereq: Public health or grad student or instr consent)
60544 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Andrew Ward ; 3 cr.

6727 Health Leadership and Effecting Change

(Student Option; Prereq: Public hlth MPH or MHA or certificate student or [health services research, policy/admin] MS student or instr consent)
60515 001 LEC, 10:10-12:05 T, Moos Health Sci Tower 5-125, In Person Term Based; Katie White ; 2 cr.

6730 International Comparative Health Systems

(Student Option;)
69605 001 LEC, 13:25-15:20 W, Moos Health Sci Tower 2-118, In Person Term Based; Lynn Blewett ; 2 cr.

6735 Principles of Health Policy

(A-F only;)
60853 320 LEC, Completely Online; Carrie Henning-Smith ; 3 cr.

6741 Ethics in Public Health: Professional Practice and Policy

(A-F only; Prereq: Public health [MPH or MHA or certificate] student or environmental health [MS or PhD] major or instr consent)
60453 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Ruth Mickelsen ; 1 cr.
60827 004 LEC, 10:10-12:05 M, Moos Health Sci Tower 2-580, In Person Term Based; Sarah Gollust ; 1 cr.

6742 Ethics in Public Health: Research and Policy

(A-F only; Prereq: Public health [MPH or certificate] student or [clinical research MS or Environmental health [MS or PhD] or epidemiology PhD or [health

services research, policy/admin [MS or PhD]] major or instr consent)

60441 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Leigh Turner ; 1 cr.

6751 Principles of Management in Health Services Organizations

(A-F only; Prereq: [Public hlth MPH or MHA or certificate] student or [environmental health MS or PhD] student or dentistry MS student or instr consent)
60539 320 LEC, 00:00-00:00 , ONLINE, Completely Online; James Begun ; 2 cr.
60670 201 LEC, 13:25-15:20 TTh, Moos Health Sci Tower 1-450, In Person Term Based; Rebecca Wurtz ; 2 cr.
60671 321 LEC, Completely Online; James Begun ; 2 cr.

6765 Continuous Quality Improvement: Methods and Techniques

(Student Option;)
60551 320 LEC, 00:00-00:00 , ONLINE, Completely Online; James McCarthy, Tim Eiler ; 3 cr.

6772 Health Disparities Capstone Seminar

(Student Option No Audit; Prereq: [CSPH 5115, 2d yr MPH student completing SPH health disparities interdisciplinary concentration] or instr consent)
60657 001 LEC, 11:15-13:10 F, Weaver-Densford Hall W2120, In Person Term Based; Kathleen Call ; 1 cr.

6803 Conducting a Systematic Literature Review

(Student Option No Audit; Prereq: Basic knowledge of epidemiology)
60558 001 LEC, 15:35-18:35 M, Moos Health Sci Tower 2-580, In Person Term Based; Mary Butler ; 3 cr.

6804 Community Mental Health

(Student Option;)
60767 002 LEC, 15:35-17:30 M, Mayo Bldg & Additions 1250, In Person Term Based; Donna McAlpine ; 2 cr.

6805 Introduction to Project Management for Health Professionals

(A-F only; Prereq: Matriculation in master's program in School of Public Health, or instr consent)
68323 001 LEC, 17:00-19:00 T, Mayo Bldg & Additions D325, In Person Term Based; Tiffany Thayer ; 2 cr.

6806 Principles of Public Health Research

(Student Option; Prereq: Pub hlth or grad or professional school student or instr consent)
60813 001 LEC, 13:25-15:20 M, Moos Health Sci Tower 2-520, In Person Term Based; Timothy Beebe ; 2 cr.

6809 Advanced Methods in Health Decision Science

(Student Option No Audit; Prereq: [6717 or intro course in decision analysis], some facility with mathematical notation/reasoning)
60583 001 LEC, 13:00-15:45 F, Moos Health Sci Tower 1-460, In Person Term Based; Karen Kuntz ; 3 cr.

6810 Survey Research Methods

(Student Option No Audit;)
60757 001 LEC, 14:30-15:45 TTh, Moos Health Sci Tower 2-118, In Person Term Based; Todd Rockwood ; 3 cr.

6813 Managing Electronic Health Information

(Student Option No Audit; Prereq: Admission to a University of Minnesota Masters program or Permission of instructor.)
60817 001 LEC, 17:45-19:30 Th, Mayo Bldg & Additions C381, In Person Term Based; Soo-Young Lee ; 2 cr.

6852 Program Evaluation in Health and Mental Health Settings

(A-F only;)
60487 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Lesley Weaver ; 2 cr.

6855 Medical Sociology

(Student Option; Prereq: [[Grad or professional school] student, previous experience with statistical software] or instr consent)
60498 001 LEC, 14:30-17:30 Th, Mayo Bldg & Additions D199, In Person Term Based; Donna McAlpine ; 3 cr.

6862 Cost-Effectiveness Analysis in Health Care

(Student Option; Prereq: instr consent; introductory econ course recommended)

60608 001 LEC, 16:00-17:15 TTh, Jackson Hall 2-137, In Person Term Based; John Nyman ; 3 cr.

6864 Conducting Health Outcomes

Research

(Student Option; Prereq: Introductory course in epidemiology or health services research methods or instr consent)

60867 001 LEC, 13:50-16:30 W, AHC ROOM TBA, In Person Term Based; Nathan Shippee ; 3 cr.

6879 Public Health Systems Analysis and Development Practicum

(S-N only;)

60848 001 LEC, In Person Term Based; Sripriya Rajamani ; 2 cr.

6880 Introduction to Public Health

Informatics

(A-F or Audit; Prereq: School of Public Health student or graduate student)

60841 001 LEC, 16:40-18:20 W, Moos Health Sci Tower 2-120, In Person Term Based; Sripriya Rajamani ; 2 cr.

6906 Global Nutrition

(Student Option; Prereq: Grad student)

60555 001 LEC, 10:10-12:05 M, Mayo Bldg & Additions A110, In Person Term Based; Sarah Cusick ; 2 cr.

6914 Community Nutrition Intervention

(Student Option;)

60398 001 LEC, 11:15-12:30 TTh, Mayo Bldg & Additions D325, In Person Term Based; Jennifer Linde ; 3 cr.

6933 Nutrition and Chronic Diseases

(Student Option;)

60401 001 LEC, 12:20-14:15 W, Mayo Bldg & Additions A110, In Person Term Based; Lisa Harnack ; 2 cr.

6955 Using Policy to Address Child and Adolescent Obesity Prevention

(Student Option;)

60846 320 LEC, Completely Online; Nicole Larson, Melissa Laska ; 1 cr.

7094 Culminating Experience: Community Health Promotion

(S-N only; Prereq: CHP major, instr consent)

60457 001 IND, 00:00-00:00 , Independent/Directed Study; Jennifer Linde ; 1-6 cr.

7096 Field Experience: Community Health Promotion

(S-N only; Prereq: CHP major, instr consent)

60460 001 FWK, 00:00-00:00 , Independent/Directed Study; Harry Lando ; 1-6 cr.

7193 Directed Study: Environmental Health

(Student Option No Audit; Prereq: instr consent)

60467 001 IND, 00:00-00:00 , Independent/Directed Study; Patricia McGovern ; 1-4 cr.

60666 002 IND, 00:00-00:00 , Independent/Directed Study; Peter Raynor ; 1-4 cr.

60679 003 IND, 00:00-00:00 , Independent/Directed Study; Kimberly Anderson ; 1-4 cr.

60752 004 IND, 00:00-00:00 , Independent/Directed Study; Silvia Balbo ; 1-4 cr.

60753 005 IND, 00:00-00:00 , Independent/Directed Study; George Maldonado ; 1-4 cr.

70185 006 IND, In Person Term Based; ; 1-4 cr.

7194 Culminating Experience:

Environmental Health

(S-N only; Prereq: Environmental health major, instr consent)

60545 001 IND, 00:00-00:00 , Independent/Directed Study; Jeffrey Mandel ; 1-5 cr.

60546 002 IND, 00:00-00:00 , Independent/Directed Study; Bruce Alexander ; 1-5 cr.

60547 003 IND, 00:00-00:00 , Independent/Directed Study; William Toscano ; 1-5 cr.

60560 004 IND, 00:00-00:00 , Independent/Directed Study; Michael Osterholm ; 1-5 cr.

60561 005 IND, 00:00-00:00 , Independent/Directed Study; Elizabeth Wattenberg ; 1-5 cr.

60562 006 IND, 00:00-00:00 , Independent/Directed Study; Craig Hedberg ; 1-5 cr.

60563 007 IND, 00:00-00:00 , Independent/Directed Study; George Maldonado ; 1-5 cr.

60564 008 IND, 00:00-00:00 , Independent/Directed Study; Jonathan Oliver ; 1-5 cr.

60581 009 IND, 00:00-00:00 , Independent/Directed Study; Lisa Peterson ; 1-5 cr.

60582 010 IND, 00:00-00:00 , Independent/Directed Study; Peter Raynor ; 1-5 cr.

60716 011 IND, 00:00-00:00 , Independent/Directed Study; Matt Simcik ; 1-5 cr.

60737 012 IND, 00:00-00:00 , Independent/Directed Study; Hyun Kim ; 1-5 cr.

70046 013 IND, In Person Term Based; Patricia McGovern ; 1-5 cr.

70059 014 IND, In Person Term Based; Jeff Bender ; 1-5 cr.

70067 015 IND, In Person Term Based; Susan Arnold ; 1-5 cr.

70081 016 IND, In Person Term Based; Marizen Ramirez ; 1-5 cr.

7196 Field Experience: Environmental

Health

(S-N or Audit; Prereq: Environmental health major, instr consent)

60548 003 FWK, 00:00-00:00 , Independent/Directed Study; 1-5 cr.

60549 004 FWK, 00:00-00:00 , Independent/Directed Study; 1-5 cr.

60550 005 FWK, 00:00-00:00 , Independent/Directed Study; George Maldonado ; 1-5 cr.

60565 001 FWK, 00:00-00:00 , Independent/Directed Study; Matt Simcik ; 1-5 cr.

60566 002 FWK, 00:00-00:00 , Independent/Directed Study; Jeffrey Mandel ; 1-5 cr.

60675 006 FWK, 00:00-00:00 , Independent/Directed Study; Michael Osterholm ; 1-5 cr.

60676 007 FWK, 00:00-00:00 , Independent/Directed Study; Craig Hedberg ; 1-5 cr.

60677 008 FWK, 00:00-00:00 , Independent/Directed Study; Peter Raynor ; 1-5 cr.

60678 009 FWK, 00:00-00:00 , Independent/Directed Study; 1-5 cr.

60715 010 FWK, 00:00-00:00 , Independent/Directed Study; 1-5 cr.

60722 011 FWK, 00:00-00:00 , Independent/Directed Study; 1-5 cr.

60727 012 FWK, 00:00-00:00 , Independent/Directed Study; 1-5 cr.

7250 Designing and Conducting Focus

Group Interviews

(Student Option No Audit;)

60668 001 LEC, 8:00-16:30 MT, Carlson School of Mgmt 2-213, In Person Term Based; Richard Krueger ; 1 cr.

60669 002 LEC, 8:00-16:30 WTh, Carlson School of Mgmt 2-213, In Person Term Based; Richard Krueger ; 1 cr.

60794 003 LEC, 8:00-16:30 MT, Carlson School of Mgmt 2-213, In Person Term Based; Richard Krueger ; 1 cr.

7291 Independent Study: Public Health

Practice

(S-N only; Prereq: Public health practice MPH major, instr consent)

60505 001 IND, 00:00-00:00 , Independent/Directed Study; Katherine Waters ; 0.5-2 cr.

7294 Master's Project: Public Health

Practice

(S-N only; Prereq: Public health practice MPH major, instr consent)

60463 001 IND, 00:00-00:00 , Independent/Directed Study; Larissa Minicucci ; 0.5-4 cr.

7296 Field Experience: Public Health

Practice

(S-N only; Prereq: Public health practice MPH major, instr consent)

60465 001 FWK, 00:00-00:00 , Independent/Directed Study; 0.5-8 cr.

7394 Culminating Experience:

Epidemiology

(S-N only; Prereq: Epidemiology MPH student, instr consent)

60532 001 IND, 00:00-00:00 , Independent/Directed Study; Theresa Osypuk ; 1-6 cr.

7396 Field Experience: Epidemiology

(S-N only; Prereq: Epidemiology major, instr consent)

60396 001 FWK, 00:00-00:00 , Independent/Directed Study; Kirk Smith ; 1-5 cr.

7402 Biostatistics Modeling and Methods

(Student Option; Prereq: 7401; intended for PhD students in health sciences)

60553 001 LEC, 12:20-14:15 TTh, Weaver-Densford Hall W2120, In Person Term Based; Sandra Safo ; 4 cr.

7406 Advanced Regression and Design

(Student Option; Prereq: [7405, [STAT 5102 or concurrent registration is required (or allowed) in STAT 5102], biostatistics major] or instr consent)

60383 001 LEC, 14:30-16:25 TTh, Weaver-Densford Hall W2120, In Person Term Based; Susan Wei ; 4 cr.

7420 Clinical Trials: Design, Implementation, and Analysis

(Student Option; Prereq: 6451 or concurrent registration is required (or allowed) in 6451 or 7406 or instr consent)

60382 001 LEC, 9:45-11:00 TTh, Mayo Bldg & Additions 3-125, In Person Term Based; Jim Neaton, Joe Koopmeiners ; 3 cr.

7440 Introduction to Bayesian Analysis

(Student Option; Prereq: [[7401 or STAT 5101 or equiv], [public health MPH or biostatistics or statistics] grad student] or instr consent)

60499 001 LEC, 13:00-14:15 TTh, Moos Health Sci Tower 2-118, In Person Term Based; Lin Zhang ; 3 cr.

7462 Advanced Programming and Data Analysis in R

(Student Option;)

69111 001 LEC, 14:30-16:25 F, Bruininks Hall 131A, In Person Term Based; Julian Wolfson ; 2 cr.

7465 Biostatistics Consulting

(Student Option; Prereq: [[[7405, 7406, 7407] or [STAT 8051, STAT 8052]], [[STAT 5101, STAT 5102] or [STAT 8101, STAT 8102]], biostatistics major] or instr consent)

60756 001 LEC, 11:15-12:05 MWF, Moos Health Sci Tower 1-440, In Person Term Based; Ann Brearley, Kyle Rudser ; 3 cr.

7475 Statistical Learning and Data Mining

(Student Option; Prereq: [[[6450, 6452] or equiv],

programming background in [FORTRAN or C/C++ or JAVA or Splus/R]] or instr consent; 2nd yr MS recommended)

60812 001 LEC, 9:45-11:00 MW, Peik Gymnasium G55, In Person Term Based; Meets With: 001 STAT 5931001 STAT 8933001 PUBH 8475; Wei Pan, Xiaotong Shen ; 3 cr.

7494 Culminating Experience: Biostatistics

(S-N only; Prereq: Biostatistics major, instr consent)

60442 001 IND, 00:00-00:00 , Independent/Directed Study; Lin Zhang ; 1-3 cr.

60443 002 IND, 00:00-00:00 , Independent/Directed Study; Susan Wei ; 1-3 cr.

60444 003 IND, 00:00-00:00 , Independent/Directed Study; Wei Pan ; 1-3 cr.

60445 004 IND, 00:00-00:00 , Independent/Directed Study; Lynn Eberly ; 1-3 cr.

60446 005 IND, 00:00-00:00 , Independent/Directed Study; Xianghua Luo ; 1-3 cr.

60592 006 IND, 00:00-00:00 , Independent/Directed Study; Chap Le ; 1-3 cr.

60593 007 IND, 00:00-00:00 , Independent/Directed Study; Baolin Wu ; 1-3 cr.

60594 008 IND, 00:00-00:00 , Independent/Directed Study; Mark Fiecas ; 1-3 cr.

60595 009 IND, 00:00-00:00 , Independent/Directed Study; Julian Wolfson ; 1-3 cr.

60596 010 IND, 00:00-00:00 , Independent/Directed Study; 1-3 cr.

60724 011 IND, 00:00-00:00 , Independent/Directed Study; 1-3 cr.

7496 Biostatistics: Field Experience

(S-N only; Prereq: Biostatistics MPH student)

60540 001 FWK, 00:00-00:00 , Independent/Directed Study; 1-6 cr.

7535 Managerial Accounting for Health Services

(A-F or Audit; Prereq: [AHC student or instr consent], experience with spreadsheets such as Excel or Lotus recommended)

60800 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Elizabeth David ; 3 cr.

7547 Health Care Human Resource Management

(A-F only;)

60777 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Jennifer Preston ; 2 cr.

7551 Principles of Management in Health Services Organizations

(A-F only;)

68082 320 LEC, 00:00-00:00 , ONLINE, Completely Online; James Begun ; 2 cr.

7555 Topics in Health Economics

(A-F only ;)
69019 320 LEC, Completely Online; Peter Huckfeldt ; 2 cr.

7556 Health and Health Systems

(A-F only ;)
60801 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Jon Christianson ; 2 cr.

7564 Private Purchasers of Health Care

(A-F only ;)
60774 320 LEC, Completely Online; Jon Christianson ; 2 cr.

7565 Health Care Delivery, Design & Innovation

(A-F only ;)
60798 320 LEC, Completely Online; Ryan Armbruster ; 2 cr.

7581 Supports and Services for Long Term Care

(A-F only ;)
60409 001 LEC, 8:00-16:00 WThF, Room TBA, In Person Term Based; Leslie Grant ; 1.5 cr.
60645 002 LEC, 8:00-16:00 ThF, Room TBA, In Person Term Based; Leslie Grant ; 1.5 cr.

7582 Practicum in Long-Term Care

Administration
(S-N or Audit; Prereq: [7580, 7581, 7583] or [7587, 7588])
60417 001 LEC, 00:00-00:00 , In Person Term Based; Leslie Grant ; 4 cr.

7590 Gerontology for Healthcare Managers

(A-F only ;)
68009 001 LEC, In Person Term Based; Leslie Grant ; 1 cr.

7591 Independent Study: Health Care

Administration
(Student Option; Prereq: instr consent)
60523 001 IND, 00:00-00:00 , Independent/Directed Study; 1-4 cr.
60667 002 IND, 00:00-00:00 , Independent/Directed Study; 1-4 cr.
60674 003 IND, 00:00-00:00 , Independent/Directed Study; 1-4 cr.
60731 004 IND, 00:00-00:00 , Independent/Directed Study; 1-4 cr.

7596 Clerkship in Health Care

Administration
(A-F or Audit; Prereq: 6544, health care admin student)
60510 001 LEC, 00:00-00:00 , In Person Term Based; Gregory Hart ; 2 cr.

7694 Culminating Experience: Maternal and Child Health

(S-N only; Prereq: Maternal/child health major, instr consent)
60470 001 IND, 00:00-00:00 , Independent/Directed Study; Lauren Gilchrist ; 1-4 cr.

7696 Field Experience: Maternal and Child Health

(S-N only; Prereq: Maternal/child health major, instr consent)
60473 001 FWK, 00:00-00:00 , Independent/Directed Study; 1-4 cr.

7710 Setting Priorities and Framing Public Health Issues

(A-F only ;)
69082 320 LEC, Completely Online; JP Leider ; 2 cr.

7730 Public Health Laws, Rules, and Regulations

(A-F only ;)
69083 320 LEC, Completely Online; Anne Barry ; 1 cr.

7784 Master's Project Seminar: PHAP and HSRP&A

(A-F only; Prereq: Public health administration/policy major or health services research/policy/administration major)
60554 001 LEC, 15:35-17:30 W, Mayo Bldg & Additions A110, In Person Term Based; Rebecca Wurtz ; 1 cr.
67046 003 LEC, In Person Term Based; Scott Leischow ; 1 cr.

7791 Independent Study: Public Health Administration and Policy

(Student Option; Prereq: Public hlth admin/policy major, instr consent)
60412 001 IND, 00:00-00:00 , Independent/Directed Study; Kathleen Call, Jean Forster ; 1-6 cr.

7794 Master's Project: Public Health Administration and Policy

(S-N or Audit; Prereq: Public health administration / policy major, instr consent)
60500 001 IND, 00:00-00:00 , Independent/Directed Study; Nathan Shippee ; 2-3 cr.
60501 002 IND, 00:00-00:00 , Independent/Directed Study; 2-3 cr.
60502 003 IND, 00:00-00:00 , Independent/Directed Study; 2-3 cr.
60503 004 IND, 00:00-00:00 , Independent/Directed Study; 2-3 cr.
60504 005 IND, 00:00-00:00 , Independent/Directed Study; 2-3 cr.
60584 006 IND, 00:00-00:00 , Independent/Directed Study; 2-3 cr.
60585 007 IND, 00:00-00:00 , Independent/Directed Study; 2-3 cr.
60586 008 IND, 00:00-00:00 , Independent/Directed Study; 2-3 cr.
60623 009 IND, 00:00-00:00 , Independent/Directed Study; 2-3 cr.
60624 010 IND, 00:00-00:00 , Independent/Directed Study; 2-3 cr.
60625 011 IND, 00:00-00:00 , Independent/Directed Study; 2-3 cr.
60626 012 IND, 00:00-00:00 , Independent/Directed Study; Francois Sainfort ; 2-3 cr.
60680 013 IND, 00:00-00:00 , Independent/Directed Study; Rosalie Kane ; 2-3 cr.
60681 014 IND, 00:00-00:00 , Independent/Directed Study; Todd Rockwood ; 2-3 cr.
60682 015 IND, 00:00-00:00 , Independent/Directed Study; Jeffrey McCullough ; 2-3 cr.
60683 016 IND, 00:00-00:00 , Independent/Directed Study; Pinar Karaca Mandic ; 2-3 cr.
60684 017 IND, 00:00-00:00 , Independent/Directed Study; Ezra Golberstein ; 2-3 cr.
60685 018 IND, 00:00-00:00 , Independent/Directed Study; Anne Barry ; 2-3 cr.
67047 050 IND, Independent/Directed Study; Marjorie Baldwin ; 2-3 cr.
67048 220 IND, Independent/Directed Study; Rebecca Wurtz ; 2-3 cr.

7796 Field Experience: Public Health Administration and Policy

(S-N or Audit; Prereq: Public health administration / policy major, instr consent)
60413 001 FWK, 00:00-00:00 , Independent/Directed Study; Rebecca Wurtz ; 2 cr.

7894 MS in Health Services Research, Policy, and Administration Plan B Project

(S-N only; Prereq: [Health Services Research, Policy/ Administration] MS student)
60516 001 IND, 00:00-00:00 , Independent/Directed Study; Douglas Wholey ; 1-5 cr.
60517 002 IND, 00:00-00:00 , Independent/Directed Study; Karen Kuntz ; 1-5 cr.
60518 003 IND, 00:00-00:00 , Independent/Directed Study; Donna McAlpine ; 1-5 cr.
60519 004 IND, 00:00-00:00 , Independent/Directed Study; John Nyman ; 1-5 cr.
60520 005 IND, 00:00-00:00 , Independent/Directed Study; Pinar Karaca Mandic ; 1-5 cr.
60660 006 IND, 00:00-00:00 , Independent/Directed Study; Lynn Blewett ; 1-5 cr.
60661 007 IND, 00:00-00:00 , Independent/Directed Study; Mary Butler ; 1-5 cr.
60662 008 IND, 00:00-00:00 , Independent/Directed Study; 1-5 cr.
60663 009 IND, 00:00-00:00 , Independent/Directed Study; 1-5 cr.
60664 200 IND, 00:00-00:00 , Independent/Directed Study; 1-5 cr.
60665 201 IND, 00:00-00:00 , Independent/Directed Study; 1-5 cr.

7994 Culminating Experience: Public Health Nutrition

(S-N only; Prereq: PubH Nutr major, instr consent)
60476 001 IND, 00:00-00:00 , Independent/Directed Study; Ellen Demerath ; 1-6 cr.
70530 011 IND, In Person Term Based; Laurie Zurbey, Nicole Larson ; 1-6 cr.

7996 Field Experience: Public Health Nutrition

(S-N only; Prereq: Public health nutrition major, dept consent)
60479 001 FWK, 00:00-00:00 , Independent/Directed Study; 1-6 cr.

8120 Occupational Health and Safety Research Seminar

(S-N or Audit; Prereq: [6120, [6330 or 6341], 6450, environmental health major, [OIPRTP specialty or equiv]] or instr consent)
60394 001 LEC, 9:00-11:00 F, Mayo Bldg & Additions 1155, In Person Term Based; Bruce Alexander, Susan Gerberich ; 1 cr.

8141 Doctoral Seminar in Observational Inference

(S-N or Audit;)
60485 001 LEC, 13:00-15:00 F, Moos Health Sci Tower 1-455, In Person Term Based; George Maldonado ; 2 cr.

8142 Epidemiologic Uncertainty Analysis

(S-N only; Prereq: 8140)
60559 001 LEC, 12:20-14:15 T, Mayo Bldg & Additions 1155, In Person Term Based; George Maldonado ; 2 cr.

8166 Experiences in Toxicology Research

(A-F only; Prereq: Environmental health PhD student in toxicology concentration)
60647 001 LAB, 00:00-00:00 , Independent/Directed Study; Lisa Peterson ; 3 cr.

8194 Directed Research: Environmental Health

(Student Option; Prereq: instr consent)
60718 003 IND, 00:00-00:00 , Independent/Directed Study; Susan Gerberich ; 1-6 cr.
60746 007 IND, Independent/Directed Study; 1-6 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
60419 001 IND, Independent/Directed Study; 1 cr.
60420 002 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
60421 003 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
60422 004 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.

8342 Advanced Epidemiologic Methods: Applications

(Student Option;)
60751 001 LEC, 8:15- 9:30 TTh, Mayo Bldg & Additions A110, In Person Term Based; Darin Erickson ; 3 cr.

8392 Readings in Clinical Research

(Student Option; Prereq: Clinical research major, instr consent)
60397 001 IND, 00:00-00:00 , Independent/Directed Study; 1-4 cr.

8393 Directed Study: Clinical Research

(Student Option; Prereq: Clinical research major, instr consent)
60439 001 IND, 00:00-00:00 , Independent/Directed Study; 1-4 cr.

8394 Plan B Project: Clinical Research

(S-N only ;)
60844 001 IND, In Person Term Based; Logan Spector ; 1-10 cr.

8412 Advanced Statistical Inference

(Student Option; Prereq: Stat 8101-8102 or equivalent, students should be comfortable with multivariate normal distribution/have some introduction to convergence concepts)
60806 001 LEC, 13:00-14:15 TTh, Moos Health Sci Tower 1-435, In Person Term Based; Susan Wei ; 3 cr.

8442 Bayesian Decision Theory and Data Analysis

(Student Option; Prereq: [[7460 or experience with FORTRAN or with [C, S+]], Stat 5101, Stat 5102, Stat 8311, grad student in [biostatistics or statistics] or instr consent)
60385 001 LEC, 9:45-11:00 MW, Moos Health Sci Tower 1-435, In Person Term Based; Eric Lock ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
60423 001 IND, 00:00-00:00 , , Independent/Directed Study; ; 1 cr.
60424 002 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wattenberg ; 1 cr.
60425 003 IND, 00:00-00:00 , , Independent/Directed Study; ; 1 cr.
60426 004 IND, 00:00-00:00 , , Independent/Directed Study; ; 1 cr.

8446 Advanced Statistical Genetics and Genomics

(Student Option; Prereq: [7445, statistical theory at level of STAT 5101-2; college-level molecular genetics course is recommended] or instr consent)
60766 001 LEC, 11:15-12:30 MW, Moos Health Sci Tower 2-116, In Person Term Based; Baolin Wu, Cavan Reilly ; 3 cr.

8475 Statistical Learning and Data Mining (Student Option; Prereq: [[6450, 6451, 6452] or STAT 5303 or equiv], [biostatistics or statistics PhD student] or instr consent)

60815 001 LEC, 9:45-11:00 MW, Peik Gymnasium G55, In Person Term Based; Meets With: 001 STAT 5931001 STAT 8933001 PUBH 7475; Wei Pan, Xiaotong Shen ; 3 cr.

8492 Theories of Hierarchical and Other Richly Parametrized Linear Models

(A-F only; Prereq: [[8401 or STAT 8311], [STAT 8101, STAT 8102] or equiv], [biostatistics or statistics] PhD student] or instr consent)
60783 001 LEC, 13:00-14:15 TTh, Moos Health Sci Tower 5-125, In Person Term Based; James Hodges ; 3 cr.

8494 Directed Research: Biostatistics (S-N only; Prereq: instr consent)

60449 001 IND, 00:00-00:00 , , Independent/Directed Study; Jim Neaton ; 1-4 cr.
60450 002 IND, 00:00-00:00 , , Independent/Directed Study; ; 1-4 cr.
60451 003 IND, 00:00-00:00 , , Independent/Directed Study; ; 1-4 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
60427 001 IND, Independent/Directed Study; 1-6 cr.
60428 002 IND, 00:00-00:00 , , Independent/Directed Study; ; 1-6 cr.
60429 003 IND, 00:00-00:00 , , Independent/Directed Study; ; 1-6 cr.
60430 004 IND, 00:00-00:00 , , Independent/Directed Study; ; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
60431 001 IND, Independent/Directed Study; 1-18 cr.
60432 002 IND, Independent/Directed Study; 1-18 cr.
60433 003 IND, Independent/Directed Study; 1-18 cr.
60434 004 IND, Independent/Directed Study; 1-18 cr.

8804 Advanced Quantitative Methods Seminar

(Student Option; Prereq: This is an advanced, doctoral-level course. Students are expected to have completed a full year of doctoral-level introductory statistical and/or econometric classes in their respective field prior to enrolling in this course (e.g., PubH 7401-2, ApEc8211-2, SOC 8801-8811). Exceptions may be granted with instr consent.)
68136 001 LEC, 9:05-12:05 M, Mayo Bldg & Additions 3-100, In Person Term Based; Ezra Golberstein ; 3 cr.

8821 Health Economics II

(A-F or Audit; Prereq: 8820 or instr consent)
68137 001 LEC, 9:05-12:05 Th, Weaver-Densford Hall W2120, In Person Term Based; Ezra Golberstein, Hannah Neprash, Peter Huckfeldt ; 3 cr.

8830 Writing for Research

(Student Option No Audit; Prereq: HSRPA PhD student or instr consent)
60612 001 LEC, 10:10-12:05 T, Moos Health Sci Tower 1-455, In Person Term Based; Bryan Dowd, Karen Kuntz ; 2 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required; For Environmental Health Students ONLY: Contact Director of Graduate Studies and the Graduate Student Coordinator.)

60435 001 IND, Independent/Directed Study; 1-24 cr.
60436 002 IND, Independent/Directed Study; 1-24 cr.
60437 003 IND, Independent/Directed Study; 1-24 cr.
60438 004 IND, Independent/Directed Study; 1-24 cr.

8893 Directed Study: Health Services Research, Policy, and Administration (Student Option; Prereq: HSRPA grad student, instr consent)

60480 001 IND, 00:00-00:00 , , In Person Term Based; Eva Enns ; 1-3 cr.
60481 002 IND, 00:00-00:00 , , In Person Term Based; John Nyman ; 1-3 cr.
60482 003 IND, 00:00-00:00 , , In Person Term Based; ; 1-3 cr.

8894 Directed Research: Health Services Research, Policy, and Administration (Student Option; Prereq: HSRPA grad student, instr consent)

60418 001 IND, 00:00-00:00 , , In Person Term Based; Douglas Wholey ; 1-8 cr.
60483 002 IND, 00:00-00:00 , , In Person Term Based; Donna McAlpine ; 1-8 cr.
60484 003 IND, 00:00-00:00 , , In Person Term Based; Pinar Karaca Mandic ; 1-8 cr.
60768 004 IND, 00:00-00:00 , , In Person Term Based; Kirk Allison ; 1-8 cr.
60769 005 IND, In Person Term Based; 1-8 cr.

Radiology (RAD)

7101 Externship in Radiology (H-N only;)

58845 001 ROT, In Person Term Based; 4 cr.
68589 002 ROT, In Person Term Based; ; 4 cr.
68590 004 ROT, In Person Term Based; ; 4 cr.

7105 Externship in Radiology (H-N only;)

58849 001 ROT, In Person Term Based; 4 cr.
68591 002 ROT, In Person Term Based; ; 4 cr.
68592 003 ROT, In Person Term Based; ; 4 cr.

7110 Radiology Research

(H-N only;)
58853 099 IND, In Person Term Based; 2-8 cr.

7400 Interventional Radiology

(H-N only;)
59167 001 ROT, In Person Term Based; 4 cr.
68593 002 ROT, In Person Term Based; ; 4 cr.
68594 003 ROT, In Person Term Based; ; 4 cr.
68595 004 ROT, In Person Term Based; ; 4 cr.

7530 Nuclear Medicine

(H-N only;)
58341 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68596 002 ROT, In Person Term Based; ; 4 cr.
68597 003 ROT, In Person Term Based; ; 4 cr.
68598 004 ROT, In Person Term Based; ; 4 cr.

7910 Radiology Medical Residency

(No Grade Associated;)
59143 001 FWK, In Person Term Based; 6 cr.

7930 Radiology Medical Fellowship

(No Grade Associated;)
59162 001 FWK, In Person Term Based; 6 cr.

Rec, Park, and Leisure Studies (REC)

1501 Orientation to Leisure and Recreation (A-F only;)

47271 001 LEC, 9:05-11:35 T, Rapson Hall 43, In Person Term Based; Alexander McKinney ; 3 cr.

1600 Topics in Recreation Administration (Student Option No Audit;)

69886 001 LEC, 13:00-15:30 Th, Hubert H. Humphrey School 15, In Person Term Based; Ezra Hyland ; 1-4 cr.

2151 Outdoor and Camp Leadership (A-F only;)

47948 001 LEC, 18:00-21:00 M, Room TBA, 15:00-19:00 FSaSu, Room TBA, In Person Term Based; Gregory Lais ; 3 cr.

3322 Outdoor Recreation Winter Skills (A-F only; Prereq: Student will not receive credit if they have previously taken REC 4900/5900 - Special Topics with this topic title)

48378 001 LEC, 9:00-14:00 F, Cooke Hall 214, 9:00-17:00 F, Cooke Hall 214, 9:00-17:00 FSa, No Room Required, 9:00-11:00 F, Cooke Hall 214, In Person Term Based; Mitchell Hoffman ; 3 cr.

3551 Recreation Administration and Finance

(A-F only; Prereq: rec major)
47273 001 LEC, 11:15-12:55 MW, Akerman Hall 313, In Person Term Based; Tony Brown ; 4 cr.

3601W Leisure and Human Development (A-F only; Prereq: REC major or instr consentW)

47779 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Connie Magnuson ; 3 cr.

3796 Senior Internship in Recreation Administration

(S-N only; Prereq: Rec major, completion of most core courses, sr, instr consent)
47293 001 FWK, 00:00-00:00 , , In Person Term Based; Connie Magnuson ; 3-9 cr.

3993 Directed Study in Recreation Administration

(A-F only; Prereq: Rec major, instr consent)
47404 006 IND, 00:00-00:00 , , In Person Term Based; Connie Magnuson ; 1-9 cr.

4161 Recreation Land Policy (A-F only;)

48458 001 LEC, Completely Online; Connie Magnuson ; 3 cr.

4311 Programming Outdoor & Env Ed (A-F only; Prereq: REC major or ORE minor or instr consent)

48120 001 LEC, 9:00-16:30 FSaSu, Cooke Hall 215, 9:00-16:30 FSa, Cooke Hall 215, In Person Term Based; Chadwick Dayton ; 3 cr.

Rehabilitation Science (RSC)

5101 Mathematical Tools for Research Applications in Health, Rehab, and Human Movement Sciences

(A-F or Audit; Prereq: Basic algebra, trigonometry, and geometry. Pre-calculus or calculus is helpful but not required.)
58657 001 LEC, 00:00-00:00 , , In Person Term Based; 1 cr.

5235 Advanced Biomechanics II: Kinetics (A-F or Audit; Prereq: 5135 or equiv or instr consent)

69343 001 LEC, 15:00-16:30 TTh, AHC ROOM TBA, In Person Term Based; Arin Ellingson ; 3 cr.

5294 Independent Study in Rehabilitation Science

(Student Option; Prereq: Rehabilitation science student or program approval)
58122 001 IND, 00:00-00:00 , , In Person Term Based; Paula Ludewig ; 1-3 cr.
58467 002 IND, 00:00-00:00 , , In Person Term Based; Brendan Dougherty ; 1-3 cr.
58468 003 IND, 00:00-00:00 , , In Person Term Based; Bernadette Gillick ; 1-3 cr.
58469 004 IND, 00:00-00:00 , , In Person Term Based; Arin Ellingson ; 1-3 cr.
58470 005 IND, 00:00-00:00 , , In Person Term Based; John Ferguson ; 1-3 cr.
58471 006 IND, 00:00-00:00 , , In Person Term Based; Dawn Lowe ; 1-3 cr.
58472 007 IND, 00:00-00:00 , , In Person Term Based; Andrew Hansen ; 1-3 cr.
58473 008 IND, 00:00-00:00 , , In Person Term Based; LeAnn Snow ; 1-3 cr.
58474 009 IND, 00:00-00:00 , , In Person Term Based; Manda Keller-Ross ; 1-3 cr.
58475 010 IND, 00:00-00:00 , , In Person Term Based; Peggy Martin ; 1-3 cr.
58571 011 IND, 00:00-00:00 , , In Person Term Based; Virgil Mathiowetz ; 1-3 cr.
69623 012 IND, In Person Term Based; Corey McGee ; 1-3 cr.

69624 013 IND, In Person Term Based; Michael Potegal ; 1-3 cr.
 69625 014 IND, In Person Term Based; Patricia Schaber ; 1-3 cr.
 69626 015 IND, In Person Term Based; Ann Van de Winckel ; 1-3 cr.

5310 Physiology for Physical Rehabilitation (A-F or Audit;)

69344 001 LAB, In Person Term Based; Manda Keller-Ross ; 1-5 cr.

5901 Scholarly Inquiry in Health Sciences (A-F or Audit; Prereq: Three credits of undergraduate statistics, instr consent, dept consent.)

58779 001 LEC, In Person Term Based; 4 cr.

8130 Current Literature Seminar

(A-F or Audit; Prereq: Grad student in PT or rehabilitation science major or instr consent)

69345 001 LEC, In Person Term Based; Dawn Lowe ; 1-3 cr.
 69640 002 LEC, In Person Term Based; Brendan Dougherty ; 1-3 cr.
 69641 003 LEC, In Person Term Based; Arin Ellingson ; 1-3 cr.
 69642 004 LEC, In Person Term Based; John Ferguson ; 1-3 cr.
 69643 005 LEC, In Person Term Based; Bernadette Gillick ; 1-3 cr.
 69644 006 LEC, In Person Term Based; Andrew Hansen ; 1-3 cr.
 69645 007 LEC, In Person Term Based; Manda Keller-Ross ; 1-3 cr.
 69646 008 LEC, In Person Term Based; Paula Ludewig ; 1-3 cr.
 69647 009 LEC, In Person Term Based; Peggy Martin ; 1-3 cr.
 69648 010 LEC, In Person Term Based; Virgil Mathiowetz ; 1-3 cr.
 69649 011 LEC, In Person Term Based; Corey McGee ; 1-3 cr.
 69650 012 LEC, In Person Term Based; Michael Potegal ; 1-3 cr.
 69651 013 LEC, In Person Term Based; Patricia Schaber ; 1-3 cr.
 69652 014 LEC, In Person Term Based; LeAnn Snow ; 1-3 cr.
 69653 015 LEC, In Person Term Based; Ann Van de Winckel ; 1-3 cr.

8170 Special Topics in Rehabilitation Science

(A-F or Audit;)

58485 002 LEC, 00:00-00:00 , In Person Term Based; Brendan Dougherty ; 1-3 cr.
 58486 003 LEC, 00:00-00:00 , In Person Term Based; Bernadette Gillick ; 1-3 cr.
 58487 004 LEC, 00:00-00:00 , In Person Term Based; Arin Ellingson ; 1-3 cr.
 58488 005 LEC, 00:00-00:00 , In Person Term Based; John Ferguson ; 1-3 cr.
 58489 006 LEC, 00:00-00:00 , In Person Term Based; Dawn Lowe ; 1-3 cr.
 58490 007 LEC, 00:00-00:00 , In Person Term Based; Andrew Hansen ; 1-3 cr.
 58491 008 LEC, 00:00-00:00 , In Person Term Based; LeAnn Snow ; 1-3 cr.
 58492 009 LEC, 00:00-00:00 , In Person Term Based; Manda Keller-Ross ; 1-3 cr.
 58493 010 LEC, 00:00-00:00 , In Person Term Based; Peggy Martin ; 1-3 cr.
 58522 001 LEC, 00:00-00:00 , In Person Term Based; Paula Ludewig ; 1-3 cr.
 58572 011 LEC, 00:00-00:00 , In Person Term Based; Virgil Mathiowetz ; 1-3 cr.
 69628 012 LEC, In Person Term Based; Corey McGee ; 1-3 cr.
 69629 013 LEC, In Person Term Based; Michael Potegal ; 1-3 cr.
 69630 014 LEC, In Person Term Based; Patricia Schaber ; 1-3 cr.
 69631 015 LEC, In Person Term Based; Ann Van de Winckel ; 1-3 cr.

8185 Problems in Rehabilitation Science

(Student Option;)

58123 001 IND, 00:00-00:00 , In Person Term Based; Paula Ludewig ; 1-3 cr.
 58476 002 IND, 00:00-00:00 , In Person Term Based; Brendan Dougherty ; 1-3 cr.
 58477 003 IND, 00:00-00:00 , In Person Term Based; Bernadette Gillick ; 1-3 cr.
 58478 004 IND, 00:00-00:00 , In Person Term Based; Arin Ellingson ; 1-3 cr.
 58479 005 IND, 00:00-00:00 , In Person Term Based; John Ferguson ; 1-3 cr.

58480 006 IND, 00:00-00:00 , In Person Term Based; Dawn Lowe ; 1-3 cr.
 58481 007 IND, 00:00-00:00 , In Person Term Based; Andrew Hansen ; 1-3 cr.
 58482 008 IND, 00:00-00:00 , In Person Term Based; LeAnn Snow ; 1-3 cr.
 58483 009 IND, 00:00-00:00 , In Person Term Based; Manda Keller-Ross ; 1-3 cr.
 58484 010 IND, 00:00-00:00 , In Person Term Based; Peggy Martin ; 1-3 cr.
 58573 011 IND, 00:00-00:00 , In Person Term Based; Virgil Mathiowetz ; 1-3 cr.
 69632 012 IND, In Person Term Based; Corey McGee ; 1-3 cr.
 69633 013 IND, In Person Term Based; Michael Potegal ; 1-3 cr.
 69634 014 IND, In Person Term Based; Patricia Schaber ; 1-3 cr.
 69635 015 IND, In Person Term Based; Ann Van de Winckel ; 1-3 cr.

8188 Teaching Practicum

(A-F or Audit; Prereq: [Rehabilitation science student or program permission], instr consent)

58523 001 FWK, 00:00-00:00 , In Person Term Based; Paula Ludewig ; 1-5 cr.
 58524 002 FWK, 00:00-00:00 , In Person Term Based; Brendan Dougherty ; 1-5 cr.
 58525 003 FWK, 00:00-00:00 , In Person Term Based; Bernadette Gillick ; 1-5 cr.
 58526 004 FWK, 00:00-00:00 , In Person Term Based; Arin Ellingson ; 1-5 cr.
 58527 005 FWK, 00:00-00:00 , In Person Term Based; John Ferguson ; 1-5 cr.
 58528 006 FWK, 00:00-00:00 , In Person Term Based; Dawn Lowe ; 1-5 cr.
 58529 007 FWK, 00:00-00:00 , In Person Term Based; Andrew Hansen ; 1-5 cr.
 58530 008 FWK, 00:00-00:00 , In Person Term Based; LeAnn Snow ; 1-5 cr.
 58531 009 FWK, 00:00-00:00 , In Person Term Based; Manda Keller-Ross ; 1-5 cr.
 58532 010 FWK, 00:00-00:00 , In Person Term Based; Peggy Martin ; 1-5 cr.
 58659 011 FWK, 00:00-00:00 , In Person Term Based; Virgil Mathiowetz ; 1-5 cr.
 69636 012 FWK, In Person Term Based; Corey McGee ; 1-5 cr.
 69637 013 FWK, In Person Term Based; Michael Potegal ; 1-5 cr.
 69638 014 FWK, In Person Term Based; Patricia Schaber ; 1-5 cr.
 69639 015 FWK, In Person Term Based; Ann Van de Winckel ; 1-5 cr.

8235 Human Kinetics

(A-F or Audit; Prereq: [5135 or equiv] or instr consent)

58614 001 LEC, 15:00-16:30 TTh, AHC ROOM TBA, In Person Term Based; Arin Ellingson ; 3 cr.

8306 Peer Review and Publication

(A-F or Audit;)

69310 001 DIS, 15:30-17:20 W, AHC ROOM TBA, In Person Term Based; Paula Ludewig, Brendan Dougherty ; 2 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

58279 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

58288 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

58297 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

58310 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer, 24 cr required; RSC doctoral student who has successfully passed the prelim written exam, dept consent)

58321 001 IND, In Person Term Based; 1-24 cr.

Religious Studies (RELS)

1001 Introduction to the Religions of the World

(Student Option; GP)

51285 001 LEC, 18:20-20:50 T, Nicholson Hall 125, In Person Term Based; James Laine ; 3 cr.

1082 Jesus in History

(Student Option; HIS)

51831 001 LEC, 13:25-14:15 WF, Pillsbury Hall 110, In Person Term Based; Meets With: 001 CNES 1082001 CNES 3092001 RELS 3092001 HIST 1082001 HIST 3092; Stephen Ahearn-Kroll ; 3 cr.
 51832 002 DIS, 13:25-14:15 M, Nicholson Hall 115, In Person Term Based; Meets With: 002 CNES 1082002 RELS 3092002 CNES 3092002 HIST 1082002 HIST 3092; 3 cr.
 51833 003 DIS, 12:20-13:10 M, Nicholson Hall 115, In Person Term Based; Meets With: 003 CNES 1082003 RELS 3092003 CNES 3092003 HIST 1082003 HIST 3092; 3 cr.

1544 History of Christianity I: Martyrs, Monks, Crusaders

(Student Option;)

69859 001 LEC, 11:15-12:05 MWF, Blegen Hall 215, In Person Term Based; Meets With: 001 HIST 3081001 RELS 3544001 HIST 1081001 MEST 1081001 MEST 3081; Andrea Sterk ; 3 cr.

3001W Theory and Method in Religion: Critical Approaches to the Study of Religion

(Student Option; WI)

51377 001 DIS, 16:00-17:15 MW, Lind Hall 325, In Person Term Based; Meets With: 001 RELS 5001; Jeanne Kilde ; 3 cr.

3092 Jesus in History

(Student Option; HIS)

67600 001 LEC, 13:25-14:15 WF, Pillsbury Hall 110, In Person Term Based; Meets With: 001 CNES 1082001 RELS 1082001 CNES 3092001 HIST 1082001 HIST 3092; Stephen Ahearn-Kroll ; 3 cr.
 67694 002 DIS, 13:25-14:15 M, Nicholson Hall 115, In Person Term Based; Meets With: 002 CNES 1082002 RELS 1082002 CNES 3092002 HIST 1082002 HIST 3092; 3 cr.
 67695 003 DIS, 12:20-13:10 M, Nicholson Hall 115, In Person Term Based; Meets With: 003 CNES 1082003 RELS 1082003 CNES 3092003 HIST 1082003 HIST 3092; 3 cr.

3321 American Indian Philosophies

(Student Option; AH,DSJ)

51218 001 LEC, 9:45-11:00 TTh, Smith Hall 231, In Person Term Based; Meets With: 002 AMIN 3301; Alex Ghebreghi ; 3 cr.

3415W Art of India

(Student Option; AH,WI,GP)

69793 001 LEC, 11:15-12:30 MW, Anderson Hall 330, In Person Term Based; Meets With: 001 ARTH 3014W; Anna Seastrand ; 4 cr.
 69798 002 DIS, 13:25-14:15 M, Blegen Hall 210, In Person Term Based; Meets With: 002 ARTH 3014W; 4 cr.
 69800 004 DIS, 10:10-11:00 W, Blegen Hall 205, In Person Term Based; Meets With: 004 ARTH 3014W; 4 cr.

3504 Apocalypticism, Cosmic Warfare, and the Maccabees: Jewish Strategies of Resistance in Antiquity

(Student Option;)

67688 001 LEC, 9:45-11:00 TTh, Folwell Hall 123, In Person Term Based; Meets With: 001 CNES 3504001 JWST 3504; Patricia Ahearn-Kroll ; 3 cr.

3544 History of Christianity I: Martyrs, Monks, Crusaders

(Student Option;)

68102 001 LEC, 11:15-12:05 MWF, Blegen Hall 215, In Person Term Based; Meets With: 001 HIST 3081001 HIST 1081001 RELS 1544001 MEST 1081001 MEST 3081; Andrea Sterk ; 3 cr.

3623 Religion and the American Culture Wars

(Student Option; HIS)

51248 001 LEC, 14:30-15:45 TTh, Blegen Hall 215, In Person Term Based; Meets With: 001 HIST 3804; Kirsten Fischer ; 3 cr.

3627 The End of the World in Literature and History
(Student Option; HIS)

67358 001 DIS, 11:15-12:30 TTh, Hanson Hall 1-107, In Person Term Based; Meets With: 001 ENGL 3025; John Watkins ; 3 cr.

3714 Islam and the West
(Student Option;)

51811 001 LEC, 10:10-11:00 MWF, Blegen Hall 135, In Person Term Based; Meets With: 001 HIST 3546001 GLOS 3643; Iraj Bashiri ; 3 cr.

3715 History of the Crusades
(Student Option; GP,HIS)

68933 001 LEC, 9:45-11:00 TTh, Blegen Hall 150, In Person Term Based; Meets With: 001 HIST 3613001 MEST 3613; Michael Lower ; 3 cr.

3716 Gender and the Family in the Islamic World

(A-F only; Prereq: At least soph)
52378 001 LEC, 13:00-14:15 TTh, Blegen Hall 155, In Person Term Based; Meets With: 001 SOC 3681001 GLOS 3681001 GWSS 3681; Cawo Abdi ; 3 cr.

3718W Christ in Islamic Thought
(Student Option; WI)

68934 001 LEC, 17:30-20:00 W, Blegen Hall 220, In Person Term Based; Meets With: 090 HIST 3494W; Nabil Matar ; 3 cr.

3722 The Ottoman Empire
(Student Option; GP,HIS)

69873 001 LEC, 14:30-15:45 MW, Anderson Hall 330, In Person Term Based; Meets With: 001 HIST 3547; Giancarlo Casale ; 3 cr.

3993 Directed Studies
(Student Option;)

49051 001 IND, 00:00-00:00 , , In Person Term Based; Jeanne Kilde ; 1-4 cr.

4049 Religion and Culture
(Student Option; Prereq: ANTH 1003 or ANTH 1005 or instr consent)

51849 001 LEC, 16:00-17:15 TTh, Blegen Hall 145, In Person Term Based; Meets With: 001 ANTH 4049; Hoon Song ; 3 cr.

4952 Capstone

(A-F or Audit; Prereq: Limited to RELS majors. Please see director of Undergraduate Studies for permission.)
69665 001 IND, In Person Term Based; Jeanne Kilde ; 1-4 cr.

5001 Theory and Method in the Study of Religion: Critical Approaches to the Study of Religion

(Student Option; Prereq: Sr or grad student or instr consent)
51378 001 DIS, 16:00-17:15 MW, Lind Hall 325, In Person Term Based; Meets With: 001 RELS 3001W; Jeanne Kilde ; 3 cr.

5993 Directed Studies

(Student Option; Prereq: instr consent)
49238 001 IND, In Person Term Based; 1-4 cr.

8070 Readings in Religious Texts

(A-F only;)
69758 001 LEC, 14:30-17:00 Th, Folwell Hall 107, In Person Term Based; Meets With: 001 CNES 8570; Stephen Ahearn-Kroll ; 3 cr.

8190 Comparative Seminar in Religions in Antiquity

(A-F or Audit; Prereq: Grad student in relevant field)
67469 001 LEC, 14:30-15:45 MW, Nicholson Hall 201, In Person Term Based; Meets With: 001 CNES 8190001 GRK 8910; Melissa Sellow ; 3 cr.

Retail Merchandising (RM)

1201 Fashion, Ethics, and Consumption
(Student Option; CIV)

46388 001 LEC, Completely Online; David Loranger ; 3 cr.

2196 Work Experience in Retail Merchandising

(S-N only; Prereq: Plan submitted/approved by [adviser, internship supervisor], written approval of supervisor, instr consent)
46353 002 FWK, Independent/Directed Study; Hye-Young Kim ; 1-4 cr.
46354 003 FWK, Independent/Directed Study; Juanjuan Wu ; 1-4 cr.
46421 004 FWK, In Person Term Based; Hyunjoo Im ; 1-4 cr.

2215 Introduction to Retail Merchandising
(A-F or Audit;)

46355 001 LEC, Completely Online; 3 cr.

2234 Retailing in a Digital Age
(A-F only; TS)

46506 001 LEC, 11:45-13:00 MW, Ruttan Hall 143, In Person Term Based; 3 cr.

3124 Consumers of Design

(A-F only; Prereq: retail merchandising major or minor)
46474 001 DIS, 10:15-11:30 TTh, Ruttan Hall B25, In Person Term Based; 3 cr.

3196 Field Study: National or International
(A-F or Audit; Prereq: instr consent)

46528 001 FWK, In Person Term Based; Elizabeth Bye ; 1-4 cr.

3201 Career and Internship Preparation for Retail Merchandising

(A-F only; Prereq: Retail merchandising major)
46356 001 LEC, 9:35-10:25 W, McNeal Hall 395, In Person Term Based; Dana Rehtzigel ; 1 cr.
67032 002 LEC, 15:00-15:50 W, McNeal Hall 310, In Person Term Based; Kristen Murphy ; 1 cr.

3242 Retail Buying

(A-F or Audit; Prereq: [2215 or DHA 2215], [MATH 1031 or MATH 1051 or MATH 1142 or MATH 1151 or MATH 1155 or MATH 1271], [jr or sr], retail merchandising [major or minor]) or instr consent)
46509 001 DIS, 13:30-14:45 TTh, McNeal Hall 316, In Person Term Based; 3 cr.

3243 Visual Merchandising

(A-F or Audit; Prereq: 2215, [DHA major or minor or instr consent])
46408 001 LEC, 12:50-15:35 F, McNeal Hall 305, In Person Term Based; Juanjuan Wu ; 3 cr.

4117W Retail Environments and Human Behavior

(A-F only; Prereq: 2215 or DHA 2215, [jr or sr or grad student], [design major or minor or instr consent]WI)
46405 001 DIS, Completely Online; Meets With: 001 APST 5117; Juanjuan Wu ; 3 cr.

4160H Honors Capstone Project

(A-F only; Prereq: Retail merchandising honors)
46358 002 LEC, In Person Term Based; Hye-Young Kim ; 2 cr.
46359 003 LEC, In Person Term Based; Juanjuan Wu ; 2 cr.
46422 004 LEC, In Person Term Based; Hyunjoo Im ; 2 cr.

4193 Directed Study in Retail Merchandising

(A-F or Audit; Prereq: Undergrad, instr consent)
46361 002 IND, In Person Term Based; Hye-Young Kim ; 1-4 cr.
46362 003 IND, In Person Term Based; Juanjuan Wu ; 1-4 cr.
46423 004 IND, In Person Term Based; Hyunjoo Im ; 1-4 cr.

4196 Internship in Retail Merchandising

(S-N or Audit; Prereq: Completion of at least one-half of professional sequence, plan submitted/approved in advance by [adviser, internship supervisor], written consent of faculty supervisor, instr consent)
46363 001 FWK, Independent/Directed Study; 1-2 cr.
46364 002 FWK, Independent/Directed Study; Hye-Young Kim ; 1-2 cr.
46365 003 FWK, Independent/Directed Study; Juanjuan Wu ; 1-2 cr.
46424 004 FWK, In Person Term Based; Hyunjoo Im ; 1-2 cr.
46510 005 FWK, In Person Term Based; David Loranger ; 1-2 cr.

4217 International Retail Markets

(A-F or Audit; Prereq: 2215 or DHA 2215, [jr or sr or grad student], [DHA major or minor or instr consent]GP)
46366 001 LEC, 11:45-13:00 TTh, McNeal Hall 33, In Person Term Based; David Loranger ; 3 cr.

4247 Advanced Buying and Sourcing

(A-F or Audit; Prereq: 2215, 3242 or DHA 2215, [DHA major or minor or instr consent])
46367 001 LEC, 8:45-10:00 TTh, McNeal Hall 146, In Person Term Based; 3 cr.

4248 Creative Leadership in Retailing

(A-F only;)
46482 001 LEC, 15:00-16:15 TTh, Ruttan Hall B30, In Person Term Based; 3 cr.

Russian (RUSS)

1102 Beginning Russian II

(Student Option; Prereq: 1101 or equiv)
48962 001 DIS, 10:10-11:00 MTWThF, Folwell Hall 18, In Person Term Based; Meets With: 001 RUSS 4102; Erik McDonald ; 5 cr.
48963 002 DIS, 12:20-13:10 MTWThF, Folwell Hall 18, In Person Term Based; Meets With: 002 RUSS 4102; Erik McDonald ; 5 cr.
48964 003 DIS, 17:30-19:35 TTh, Folwell Hall 32, In Person Term Based; Meets With: 003 RUSS 4102; Gary Jahn ; 5 cr.

3002 Intermediate Russian II

(Student Option; Prereq: 3001 or instr consent)
50859 001 DIS, 11:15-12:05 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 001 RUSS 4104; Nadya Clayton ; 5 cr.
50860 002 DIS, 18:00-20:05 MW, Folwell Hall 16, In Person Term Based; Meets With: 002 RUSS 4104; Yana Taets ; 5 cr.

3102 Advanced Russian II

(Student Option; Prereq: 3101 or 4111 or instr consent)
48925 001 DIS, 14:30-15:20 MTWTh, Folwell Hall 123, In Person Term Based; Meets With: 002 RUSS 4112; Erik McDonald ; 4 cr.

3311V Honors Major Project in Russian

(A-F only; Prereq: Advanced Russian majorWI)
49640 001 IND, 00:00-00:00 , , In Person Term Based; Gary Jahn ; 3-4 cr.

3311W Russian Major Project

(A-F or Audit; Prereq: Advanced Russian majorWI)
48926 001 IND, 00:00-00:00 , , In Person Term Based; Gary Jahn ; 3 cr.
52605 002 IND, In Person Term Based; Nadya Clayton ; 3 cr.
52606 003 IND, In Person Term Based; Erik McDonald ; 3 cr.

3404 Tolstoy in Translation

(Student Option; GP,LITR)
65815 001 DIS, 13:00-14:15 TTh, Folwell Hall 122, In Person Term Based; Meets With: 001 RUSS 5404; Gary Jahn ; 3 cr.

3422 Literature: Tolstoy to the Present in Translation

(Student Option; LITR)
48927 001 DIS, 13:25-14:15 MWF, Blegen Hall 317, In Person Term Based; Meets With: 001 RUSS 5422; Nadya Clayton ; 3 cr.

3900 Topics in Russian Language, Literature, and Culture

(Student Option; Prereq: 1102 for language topics)
67585 001 DIS, 9:45-11:00 TTh, Folwell Hall 16, In Person Term Based; Meets With: 001 RUSS 5900; Nadya Clayton ; 1-4 cr.

3993 Directed Studies

(Student Option; Prereq: instr consent, dept consent, college consent.)
48929 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

4102 Beginning Russian for Graduate Research II

(Student Option; Prereq: 4101)
50863 001 DIS, 10:10-11:00 MTWThF, Folwell Hall 18, In Person Term Based; Meets With: 001 RUSS 1102; Erik McDonald ; 5 cr.
50864 002 DIS, 12:20-13:10 MTWThF, Folwell Hall 18, In Person Term Based; Meets With: 002 RUSS 1102; Erik McDonald ; 5 cr.
50865 003 DIS, 17:30-19:35 TTh, Folwell Hall 32, In Person Term Based; Meets With: 003 RUSS 1102; Gary Jahn ; 5 cr.

4104 Intermediate Russian II

(Student Option; Prereq: 4103)

50861 001 DIS, 11:15-12:05 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 001 RUSS 3002; Nadya Clayton ; 5 cr.

50862 002 DIS, 18:00-20:05 MW, Folwell Hall 16, In Person Term Based; Meets With: 002 RUSS 3002; Yana Taets ; 5 cr.

4112 Advanced Russian for Graduate**Research II**

(Student Option; Prereq: 3101 or 4111 or instr consent)

51460 002 DIS, 14:30-15:20 MTWTh, Folwell Hall 123, In Person Term Based; Meets With: 001 RUSS 3102; Erik McDonald ; 4 cr.

5404 Tolstoy in Translation

(Student Option; GP,LITR)

65816 001 DIS, 13:00-14:15 TTh, Folwell Hall 122, In Person Term Based; Meets With: 001 RUSS 3404; Gary Jahn ; 3 cr.

5422 Literature: Tolstoy to the Present in Translation

(Student Option;)

48928 001 DIS, 13:25-14:15 MWF, Blegen Hall 317, In Person Term Based; Meets With: 001 RUSS 3422; Nadya Clayton ; 3 cr.

5900 Topics in Russian Language, Literature, and Culture

(Student Option; Prereq: 1102 for language topics)

69502 001 LEC, 9:45-11:00 TTh, Folwell Hall 16, In Person Term Based; Meets With: 001 RUSS 3900; Nadya Clayton ; 1-4 cr.

5993 Directed Studies

(Student Option; Prereq instr consent, dept consent, college consent.)

49509 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

Scandinavian (SCAN)**3504 Emigration, Immigration, Integration: The Nordic Experience**

(Student Option; GP,HIS)

67504 001 DIS, 14:30-15:45 TTh, Folwell Hall 6, In Person Term Based; Lena Norrman ; 3 cr.

3601 Great Literary Works of Scandinavia

(Student Option; LITR)

67505 001 DIS, 9:05- 9:55 MWF, Folwell Hall 32, In Person Term Based; Hanna Zmijewska-Emerson ; 3 cr.

3613 Children's Literature in Scandinavia

(Student Option; LITR)

52350 001 DIS, 13:00-14:15 TTh, Nicholson Hall 120, In Person Term Based; Benjamin Bigelow ; 3 cr.

3614 Blood on Snow: Scandinavian Thrillers in Fiction and Film

(Student Option; GP,LITR)

67506 001 DIS, 9:45-11:00 TTh, Scott Hall 4, In Person Term Based; Meets With: 001 SCAN 5614; Benjamin Bigelow ; 3 cr.

3993 Directed Studies

(Student Option; Prereq instr consent, dept consent, college consent.)

49296 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5502 The Icelandic Saga

(Student Option;)

67507 001 DIS, 14:30-15:45 MW, Folwell Hall 119, In Person Term Based; Lena Norrman ; 3 cr.

5614 Blood on Snow: Scandinavian Thrillers in Fiction and Film

(Student Option;)

67508 001 DIS, 9:45-11:00 TTh, Scott Hall 4, In Person Term Based; Meets With: 001 SCAN 3614; Benjamin Bigelow ; 3 cr.

5993 Directed Studies

(Student Option; Prereq instr consent, dept consent, college consent.)

49297 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

Scientific Computation (SCIC)**8190 Supercomputer Research Seminar**

(Student Option; Prereq: Undergrad degree in field using sci comp or instr consent)

56866 001 LEC, In Person Term Based; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

55649 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

55665 001 IND, In Person Term Based; 1 cr.

8594 Scientific Computation Directed Research

(Student Option; Prereq: Undergrad degree in field using sci comp or instr consent)

55493 001 IND, In Person Term Based; 1-4 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

55685 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

55701 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

55722 001 IND, In Person Term Based; 1-24 cr.

Security Technologies (ST)**8220 Vulnerability, Risk and Threat Assessment and Management**

(A-F only; Prereq: Admitted to MSST grad program)

57086 001 LEC, 17:30-21:30 TTh, McNamara Alumni Center 235, In Person Term Based; Alfred Marcus ; 3 cr.

8331 Dynamic Systems Modeling and Simulation Tools

(A-F only;)

57614 001 LEC, 00:00-00:00 TTh, , In Person Term Based; Shaun Kennedy ; 2 cr.

8440 Security Practicum

(A-F only; Prereq: Admitted to MSST grad program)

57763 001 FWK, In Person Term Based; Carol Martinson ; 0.5-2 cr.

8441 Internship (optional)

(A-F only;)

57189 001 LEC, 00:00-00:00 , , In Person Term Based; Carol Martinson ; 0.5 cr.

8512 Partnership in Conflict Management: Security/Privacy Law, Social Responsibility and Ethics

(A-F only; Prereq: MSST grad student)

57087 001 LEC, 16:30-17:20 TTh, Keller Hall 2-260, In Person Term Based; Kenneth Kasprisin ; 2 cr.

8513 Cyber Threat Intelligence

(A-F only;)

57616 001 LEC, 8:30-16:30 FSa, Bruininks Hall 420B, 8:30-16:30 FSa, Bruininks Hall 420B, In Person Term Based; Jonathan Wroldstad, Darin Dutcher ; 2 cr.

8620 Capstone

(A-F only; Prereq: MSST grad program student)

57088 001 LEC, 00:00-00:00 , , In Person Term Based; Charles Laingen, Michael Johnson ; 0.5-2 cr.

8660 Independent Study

(A-F only;)

57446 001 IND, 17:30-21:30 Sa, Room TBA, In Person Term Based; Faisal Kaleem ; 1-4 cr.

8662 Securing Cyberspace - Advanced

(A-F only;)

57615 001 LEC, 8:00-16:30 Sa, Bruininks Hall 420B, 8:00-16:30 Sa, Bruininks Hall 420B, 8:00-16:30 Sa, Bruininks Hall 420B, 8:00-16:30 Sa, Bruininks Hall 420B, 8:00-12:00 Sa, Bruininks Hall 420B, In Person Term Based; Faisal Kaleem ; 3 cr.

Social Work (SW)**20 Community Engagement**

(No Grade Associated; Prereq: MSW student, academic faculty adviser consent)

48006 001 FWK, In Person Term Based; 0 cr.

1501 Introduction to Peace Studies

(A-F only; GP)

67478 001 LEC, 13:30-14:45 MW, Peters Hall 155, In Person Term Based; Hilal Isler ; 3 cr.

1907 High School: Moments, Memories, Meanings

(Student Option;)

67261 001 LEC, 15:00-16:55 Th, Peters Hall 5, In Person Term Based; Michael Baizerman ; 2 cr.

2501W Introduction to Social Justice

(A-F only; WI,DSJ)

47796 001 LEC, 17:10-20:30 T, Peters Hall 155, In Person Term Based; Jennifer Witt ; 4 cr.

67781 002 LEC, 12:50-14:45 MW, Peters Hall 39, In Person Term Based; K.C. Harrison ; 4 cr.

3501 Theories and Practices of Social Change Organizing

(A-F only; Prereq: 2501W)

47769 001 DIS, 16:00-19:20 M, Peters Hall 145, In Person Term Based; Nathan Whittaker ; 4 cr.

3701 Introduction to Child Maltreatment: Intervention and Prevention

(Student Option;)

47764 001 LEC, 13:55-16:25 M, Peters Hall 5, In Person Term Based; Jane Gilgun ; 3 cr.

3702 Introduction to Adult Intimate Partner Violence: Intervention and Prevention

(Student Option;)

47465 001 LEC, 10:15-11:30 TTh, Peters Hall 39, In Person Term Based; Oliver Williams ; 3 cr.

3703 Gender Violence in Global Perspective

(Student Option;)

47371 001 LEC, 17:10-19:40 W, Peters Hall 80, In Person Term Based; Theresa Dykoschak, Rosalyn Park ; 3 cr.

4501 Senior Seminar in Social Justice

(A-F only; Prereq: 2501, 3501)

47790 001 LEC, 13:30-16:30 Th, Magrath Library 6, In Person Term Based; Katie Johnston-Goodstar ; 4 cr.

4693 Directed Studies

(Student Option; Prereq: instr consent)

47277 001 IND, In Person Term Based; 1-10 cr.
47512 002 IND, In Person Term Based; 1-10 cr.
47912 003 IND, In Person Term Based; 1-10 cr.**4694 Directed Research**

(Student Option; Prereq: instr consent)

47278 001 IND, In Person Term Based; 1-10 cr.

5904 Facilitation and Conflict Management: Humanistic Approach

(Student Option;)

47822 001 LEC, 9:35-11:30 Th, Peters Hall 280, In Person Term Based; Mark Umbreit ; 2 cr.

5905 Permanency in Child Welfare

(A-F or Audit; Prereq: Grad student or dept consent)

48177 001 LEC, 8:00-12:00 Sa, Peters Hall 5, 8:00-12:00 Sa, Peters Hall 5, 8:00-12:00 Sa, Peters Hall 5, 8:00-12:00 Sa, Peters Hall 5, 8:00-12:00 Sa, Peters Hall 5, In Person Term Based; Melissa Mendez ; 2 cr.

5907 School Social Work

(Student Option;)

48565 001 LEC, 13:55-16:55 F, Peters Hall 5, In Person Term Based; Erin Sugrue ; 1 cr.

48772 004 DIS, 8:00- 8:50 W, Blegen Hall 260, In Person Term Based; 4 cr.
 48773 011 LEC, 9:45-11:00 MW, Anderson Hall 310, In Person Term Based; Joyce Bell ; 4 cr.
 48774 014 DIS, 8:40- 9:30 W, Blegen Hall 145, In Person Term Based; 4 cr.
 48775 016 DIS, 8:40- 9:30 W, Blegen Hall 125, In Person Term Based; 4 cr.
 48776 021 LEC, 17:30-20:00 T, Anderson Hall 350, In Person Term Based; Douglas Hartmann ; 4 cr.
 48777 022 DIS, 16:25-17:15 T, Blegen Hall 240, In Person Term Based; 4 cr.
 48778 023 DIS, 16:25-17:15 T, Blegen Hall 260, In Person Term Based; 4 cr.
 48779 024 DIS, 16:25-17:15 T, Blegen Hall 115, In Person Term Based; 4 cr.
 49933 006 DIS, 9:05- 9:55 W, Blegen Hall 205, In Person Term Based; 4 cr.
 50849 007 DIS, 9:05- 9:55 W, Blegen Hall 260, In Person Term Based; 4 cr.
 50850 005 DIS, 10:10-11:00 T, Blegen Hall 430, In Person Term Based; 4 cr.
 50851 012 DIS, 11:15-12:05 M, Blegen Hall 225, In Person Term Based; 4 cr.
 50852 013 DIS, 11:15-12:05 M, Blegen Hall 205, In Person Term Based; 4 cr.
 50853 015 DIS, 8:40- 9:30 W, Blegen Hall 140, In Person Term Based; 4 cr.
 51666 025 DIS, 20:15-21:05 T, Blegen Hall 115, In Person Term Based; 4 cr.
 51667 017 DIS, 11:15-12:05 W, Carlson School of Mgmt 1-136, In Person Term Based; 4 cr.
 51776 008 DIS, 9:05- 9:55 W, Blegen Hall 330, In Person Term Based; 4 cr.
 52084 026 DIS, 20:15-21:05 T, Blegen Hall 230, In Person Term Based; 4 cr.
 52651 018 DIS, 11:15-12:05 W, Blegen Hall 435, In Person Term Based; 4 cr.
 67269 019 DIS, 11:15-12:05 W, Blegen Hall 205, In Person Term Based; 4 cr.

1011V Honors: Introduction to Sociology (A-F only; DSJ,WI,SOCS)

48783 001 LEC, 12:20-14:00 MW, Blegen Hall 215, In Person Term Based; Joyce Bell ; 4 cr.

1101 Law, Crime, & Punishment

(A-F or Audit;)
 51637 001 LEC, 11:15-12:30 TTh, Blegen Hall 10, In Person Term Based; Gabrielle Ferrales ; 3 cr.

3101 Sociological Perspectives on the Criminal Justice System (A-F or Audit; CIV)

49934 001 LEC, 17:30-20:00 W, Hanson Hall 1-106, In Person Term Based; Julie Barrows ; 3 cr.

3102 Criminal Behavior and Social Control (Student Option; Prereq: Soc majors/minors must register A-F)

49935 001 LEC, 14:30-15:45 TTh, Blegen Hall 317, In Person Term Based; Michael Walker ; 3 cr.

3211W American Race Relations

(A-F or Audit; DSJ,WI)
 52225 001 LEC, 13:00-14:15 TTh, Blegen Hall 120, In Person Term Based; Meets With: 001 AAS 3211W; Enid Logan ; 3 cr.

3251W Sociological Perspectives on Race, Class, and Gender

(A-F or Audit; Prereq: Soc majors/minors must register A-FDSJ,WI,SOCS)

51032 001 LEC, 17:30-20:00 W, Blegen Hall 120, In Person Term Based; Meets With: 001 AAS 3251W; Matthew Aguilar-Champeau ; 3 cr.

3301W Politics and Society

(A-F or Audit; Prereq: 1001 recommended; soc majors/minors must register A-FWI)
 66988 001 LEC, 14:30-15:45 TTh, Blegen Hall 235, In Person Term Based; Jeffrey Broadbent ; 3 cr.

3412 Social Networking: Theories and Methods

(A-F only; TS)
 67265 001 LEC, 9:45-11:00 MW, Blegen Hall 255, In Person Term Based; Meets With: 001 SOC 3412H; Zack Almquist ; 3 cr.

3412H Honors: Social Networking: Theories and Methods (A-F only; TS)

67266 001 LEC, 9:45-11:00 MW, Blegen Hall 255, In Person Term Based; Meets With: 001 SOC 3412; Zack Almquist ; 3 cr.

3417W Global Institutions of Power: World Bank, International Monetary Fund, and World Trade Organization

(A-F only; GP,WI)
 69767 001 LEC, 11:15-12:30 TTh, Blegen Hall 235, In Person Term Based; Meets With: 001 GLOS 3415W; Serife Genis ; 3 cr.

3452 Education and Society

(Student Option; Prereq: Soc majors/minors must register A-F.)
 66989 001 LEC, 11:15-12:30 TTh, Hanson Hall 1-108, In Person Term Based; John Warren ; 3 cr.

3505 Migrations: People in Motion

(A-F or Audit; Prereq: Soph, jr, or srGP)
 66990 001 LEC, 9:45-11:00 TTh, Blegen Hall 110, In Person Term Based; Meets With: 001 GLOS 3705; Cawo Abdi ; 3 cr.

3511 World Population Problems

(Student Option; Prereq: Soc majors/minors must register A-F, credit will not be granted if credit has been received for 3511HGP)
 66991 001 LEC, 14:30-15:45 MW, Blegen Hall 255, In Person Term Based; Sarah Garcia ; 3 cr.

3681 Gender and the Family in the Islamic World

(A-F only; Prereq: At least soph; 1001 recommended)
 52229 001 LEC, 13:00-14:15 TTh, Blegen Hall 155, In Person Term Based; Meets With: 001 GLOS 3681001 RELS 3716001 GWSS 3681; Cawo Abdi ; 3 cr.

3701 Social Theory

(A-F or Audit; Prereq: 1001 recommended; soc majors/minors must register A-F)

48793 001 LEC, 9:05-11:00 MW, Blegen Hall 425, In Person Term Based; Teresa Gowan ; 4 cr.
 52221 002 LEC, 10:10-11:50 MW, Blegen Hall 317, In Person Term Based; Alejandro Baer ; 4 cr.
 52222 003 LEC, 17:30-20:50 W, Blegen Hall 155, In Person Term Based; Amy August ; 4 cr.

3801 Sociological Research Methods

(A-F or Audit; Prereq: 1001 recommended; soc majors must register A-F)

48787 001 LEC, 9:45-11:00 TTh, West Bank Skyway 20, In Person Term Based; Jack DeVaard ; 4 cr.
 48788 002 LAB, 9:45-11:00 W, Carlson School of Mgmt 1-136, In Person Term Based; 4 cr.
 48789 003 LAB, 11:15-12:30 W, Blegen Hall 135, In Person Term Based; 4 cr.
 48790 004 LAB, 13:00-14:15 W, Hanson Hall 1-103, In Person Term Based; 4 cr.
 48791 005 LAB, 13:00-14:15 W, Blegen Hall 240, In Person Term Based; 4 cr.

3811 Social Statistics

(Student Option; Prereq: Credit will not be granted if credit has been received for Soc 5811 (Soc 5811 offered Fall terms only). Undergraduates with strong math background are encouraged to register for 5811 in lieu of 3811. Soc Majors/Minors must register A-F.MATH)

48752 001 LEC, 9:45-11:00 TTh, Anderson Hall 330, In Person Term Based; Elizabeth Wrigley-Field ; 4 cr.
 48753 002 LAB, 8:00- 9:40 W, Blegen Hall 440, In Person Term Based; 4 cr.
 48754 003 LAB, 10:10-11:50 W, Blegen Hall 440, In Person Term Based; 4 cr.
 48755 004 LAB, 12:20-14:00 W, Blegen Hall 440, In Person Term Based; 4 cr.
 50022 008 LEC, 17:30-20:00 T, Blegen Hall 317, In Person Term Based; Zack Almquist ; 4 cr.
 50023 009 LAB, 16:00-17:40 Th, Blegen Hall 440, In Person Term Based; 4 cr.
 50854 005 LAB, 8:00- 9:40 Th, Blegen Hall 440, In Person Term Based; 4 cr.
 50855 010 LAB, 18:00-19:40 Th, Blegen Hall 440, In Person Term Based; 4 cr.

4101V Honors: Sociology of Law

(A-F or Audit; Prereq: [1001, 3101, 3102] or 3701 recommended, soc majors/minors must register A-FWI)
 51502 001 LEC, 14:30-15:45 TTh, Blegen Hall 120, In Person Term Based; Meets With: 001 SOC 4101W; Gabrielle Ferrales ; 3 cr.

4101W Sociology of Law

(A-F or Audit; Prereq: [1001; 1101 or 3101 or 3102] recommended, soc majors/minors must register A-FWI)

49398 001 LEC, 14:30-15:45 TTh, Blegen Hall 120, In Person Term Based; Meets With: 001 SOC 4101V; Gabrielle Ferrales ; 3 cr.

4104 Crime and Human Rights

(Student Option; Prereq: 1001, at least one 3xxx SOC or GLOS course recommended, soc majors/minors must register A-F)

52230 001 LEC, 11:15-12:30 TTh, Anderson Hall 350, In Person Term Based; Meets With: 001 SOC 4104H001 GLOS 4104001 GLOS 4104H001 SOC 5104001 GLOS 5104; Joachim Savelsberg ; 3 cr.

4104H Honors: Crime and Human Rights

(A-F only; Prereq: 1001, at least one 3xxx SOC or GLOS course recommended)

52231 001 LEC, 11:15-12:30 TTh, Anderson Hall 350, In Person Term Based; Meets With: 001 SOC 4104H001 GLOS 4104001 GLOS 4104H001 SOC 5104001 GLOS 5104; Joachim Savelsberg ; 3 cr.

4109 Domestic Criminal Violence

(Student Option; Prereq: 3101 or 3102 or 3111 or instr consent; soc majors/minors must register A-F)

52233 001 LEC, 18:00-20:30 M, Blegen Hall 255, In Person Term Based; Rossella Selmini ; 3 cr.

4111 Deviant Behavior

(A-F or Audit; Prereq: 3101 or 3102 or 3111 or instr consent; soc majors/minors must register A-F)

66992 001 LEC, 9:45-11:00 TTh, Blegen Hall 255, In Person Term Based; Michael Walker ; 3 cr.

4149 Killing

(Student Option; Prereq: jr or sr or grad student or instr consent; soc majors/minors must register A-F)

48784 001 LEC, 12:30-15:00 F, Hanson Hall 1-102, In Person Term Based; Carl Malmquist ; 3 cr.

4162 Criminal Procedure in American Society

(Student Option; Prereq: 3101 or 3102 or 3111 or instr consent; soc majors/minors must register A-F)

52235 001 LEC, 14:30-17:00 W, Hanson Hall 1-103, In Person Term Based; Joel Samaha ; 3 cr.

4190 Topics in Sociology With Law, Criminology, and Deviance Emphasis

(Student Option; Prereq: [1001, [3101 or 3102]] recommended; soc majors/minors must register A-F; cr will not be granted if cr has been received for the same topics title)

67308 001 LEC, 11:15-12:30 MW, Blegen Hall 110, In Person Term Based; Rossella Selmini ; 3 cr.

4246 Sociology of Health and Illness

(A-F or Audit; Prereq: One sociology course or instr consent; soc majors/minors must register A-F)

51562 001 LEC, 13:00-14:15 MW, Blegen Hall 255, In Person Term Based; Evan Roberts ; 3 cr.

4305 Environment & Society: An Enduring Conflict

(A-F or Audit; Prereq: 1001 or environmental course recommended, [soc majors/minors must register A-FJENV])

52236 001 LEC, 11:15-12:30 TTh, Hubert H. Humphrey School 25, In Person Term Based; Meets With: 001 GLOS 4305; Jeffrey Broadbent ; 3 cr.

4411 Terrorist Networks & Counterterrorism Organizations

(A-F or Audit;)

66993 001 LEC, 14:30-15:45 TTh, Hanson Hall 1-103, In Person Term Based; Meets With: 001 SOC 5411001 SOC 4411H; David Knoke ; 3 cr.

4411H Honors: Terrorist Networks & Counterterrorism Organizations

(A-F only;)

67267 001 LEC, 14:30-15:45 TTh, Hanson Hall 1-103, In Person Term Based; Meets With: 001 SOC 4411001 SOC 5411; David Knoke ; 3 cr.

4966W Major-Project Seminar

(A-F or Audit; Prereq: 1001, 3701, 3801, 3811, 12 cr upper div sociology, dept consentWI)

49005 001 LEC, 14:30-15:45 TTh, Blegen Hall 130, In Person Term Based; Jeylan Mortimer ; 4 cr.

51789 002 LEC, 9:45-11:00 TTh, Blegen Hall 120, In Person Term Based; Rachel Schurman ; 4 cr.

4978V Senior Honors Proseminar II

(A-F or Audit; Prereq: [4977V or instr consent], 3701, 3801, 3811, at least 9 additional upper div soc cr, sr soc honors major, dept consentWI)

49009 001 LEC, 14:30-17:15 W, Social Sciences Building 1114, In Person Term Based; Teresa Gowan ; 3 cr.

5104 Crime and Human Rights

(Student Option;)

52546 001 LEC, 11:15-12:30 TTh, Anderson Hall 350, In Person Term Based; Meets With: 001 SOC 4104001 SOC 4104H001 GLOS 4104001 GLOS 4104H001 GLOS 5104; Joachim Savelsberg ; 3 cr.

5411 Terrorist Networks & Counterterrorism Organizations

(A-F or Audit;)

66994 001 LEC, 14:30-15:45 TTh, Hanson Hall 1-103, In Person Term Based; Meets With: 001 SOC 4411001 SOC 4411H; David Knoke ; 3 cr.

8001 Sociology as a Profession

(S-N or Audit;)

49706 001 LEC, 13:15-14:15 T, Social Sciences Building 1183, In Person Term Based; Joseph Gerteis ; 1 cr.

8011 Teaching Sociology: Theory & Practice

(Student Option; Prereq: Soc grad student or instr consent)

51284 001 LEC, 11:45-14:15 Th, Social Sciences Building 1183, In Person Term Based; Joseph Gerteis ; 3 cr.

8090 Topics in Sociology

(Student Option; Prereq: instr consent)

66998 001 LEC, 10:00-11:30 F, Social Sciences Building 1114, In Person Term Based; Douglas Hartmann ; 1.5-3 cr.

66999 002 LEC, 16:00-18:30 T, Social Sciences Building 1183, In Person Term Based; Jack DeWaard ; 1.5-3 cr.

8101 Sociology of Law

(Student Option;)

66995 001 LEC, 11:45-14:15 W, Social Sciences Building 1114, In Person Term Based; Joachim Savelsberg ; 3 cr.

8211 The Sociology of Race & Racialization

(Student Option;)

66996 001 LEC, 11:45-14:15 F, Social Sciences Building 1114, In Person Term Based; Enid Logan ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

49578 001 IND, 00:00-00:00 , In Person Term Based; 1 cr.

8801 Sociological Research Methods

(A-F or Audit; Prereq: Grad soc major or instr consent)

50119 001 LEC, 14:30-15:45 TTh, Social Sciences Building 614, In Person Term Based; Penny Edgell ; 4 cr.

8811 Advanced Social Statistics

(A-F or Audit; Prereq: recommend 5811 or equiv; graduate student or instr consent)

49141 001 LEC, 11:15-12:30 TTh, Social Sciences Building 1114, In Person Term Based; David Knoke ; 4 cr.

49142 002 LAB, 16:00-17:40 M, Blegen Hall 440, In Person Term Based; 4 cr.

8888 Thesis Credits: Doctoral

(No Grade Associated; Prereq: [Completion of four semesters and all required credits completed], 24 cr required)

50187 001 IND, 00:00-00:00 , In Person Term Based; 1-24 cr.

8890 Advanced Topics in Research Methods

(Student Option; Prereq: 8801, 8811, or instr consent. Cr will not be granted if cr has been received for the same topics title)

66997 001 LEC, 16:00-18:30 Th, Social Sciences Building 1114, In Person Term Based; Elizabeth Wrigley-Field ; 2-3 cr.

Software Engineering (SENG)

5199 Topics in Software Engineering

(A-F or Audit; Prereq: SEng grad student)

56522 001 LEC, 8:00- 9:50 Sa, Keller Hall 3-111, In Person Term Based; John Kruse ; 2-3 cr.

56921 002 LEC, 10:00-13:45 Sa, Keller Hall 3-111, In Person Term Based; John Pritchard ; 2-3 cr.

57054 003 LEC, 8:00-12:30 FSa, Keller Hall 2-260, In Person Term Based; Donald Sawyer ; 2-3 cr.

57443 004 LEC, 12:45-16:45 FSa, Keller Hall 2-260, In Person Term Based; Rick Smith ; 2-3 cr.

5802 Software Engineering II: Software Design

(A-F or Audit; Prereq: Grad SEng major)

55608 001 LEC, 10:00-13:45 F, Keller Hall 3-111, In Person Term Based; Kevin Wendt ; 3 cr.

5811 Software Testing and Verification

(A-F or Audit; Prereq: 5801, grad SEng major)

55609 001 LEC, 8:00- 9:50 F, Keller Hall 3-111, In Person Term Based; Neil Bitzenhofer ; 2 cr.

5831 Software Development for Real-Time Systems

(A-F or Audit; Prereq: Grad SEng major)

56448 001 LEC, 14:00-16:45 Sa, Keller Hall 3-111, In Person Term Based; Amy Larson ; 2-3 cr.

5852 Quality Assurance and Process Improvement

(A-F or Audit; Prereq: Grad SEng major)

55764 001 LEC, 14:00-16:45 F, Keller Hall 3-111, In Person Term Based; Dick Hedger ; 3 cr.

5900 Directed Study

(Student Option;)

55964 001 LEC, 00:00-00:00 , In Person Term Based; Michael Whalen ; 1-3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

55650 001 IND, 00:00-00:00 , In Person Term Based; 1 cr.

8494 Capstone Project (Plan B Project)

(S-N or Audit; Prereq: SEng major)

55610 001 IND, 00:00-00:00 , In Person Term Based; 3 cr.

8891 Independent Project

(Student Option;)

56820 001 IND, 00:00-00:00 , Independent/Directed Study; 2-6 cr.

56821 002 IND, 00:00-00:00 , Independent/Directed Study; Mats Heimdahl ; 2-6 cr.

56822 003 IND, 00:00-00:00 , Independent/Directed Study; Michael Whalen ; 2-6 cr.

56823 004 IND, 00:00-00:00 , Independent/Directed Study; Neil Bitzenhofer ; 2-6 cr.

56824 005 IND, 00:00-00:00 , Independent/Directed Study; Mike Calvo ; 2-6 cr.

56825 006 IND, 00:00-00:00 , Independent/Directed Study; John Carlis ; 2-6 cr.

56826 007 IND, 00:00-00:00 , Independent/Directed Study; Praveen Mittal ; 2-6 cr.

56827 008 IND, 00:00-00:00 , Independent/Directed Study; Dick Hedger ; 2-6 cr.

56828 009 IND, 00:00-00:00 , Independent/Directed Study; Stephen Kan ; 2-6 cr.

56829 010 IND, 00:00-00:00 , Independent/Directed Study; John Kruse ; 2-6 cr.

Soil, Water, and Climate (SOIL)

2125 Basic Soil Science

(A-F or Audit; Prereq: [CHEM 1015, CHEM 1017] or CHEM 1021 or equivENV,PHYS)

52821 001 LEC, 9:35-10:25 MWF, Borlaug Hall 335, In Person Term Based; Nicolas Jelinski ; 4 cr.

53106 004 DIS, 10:40-11:30 Th, Borlaug Hall 243A, In Person Term Based; Nicolas Jelinski ; 4 cr.

53325 002 LAB, 00:00-00:00 , In Person Term Based; Nicolas Jelinski ; 4 cr.

53326 003 DIS, 9:35-10:25 Th, Borlaug Hall 243A, In Person Term Based; Nicolas Jelinski ; 4 cr.

53327 005 DIS, 11:45-12:35 Th, Borlaug Hall 243A, In Person Term Based; Nicolas Jelinski ; 4 cr.

53328 006 DIS, 15:00-15:50 Th, Borlaug Hall 243A, In Person Term Based; Nicolas Jelinski ; 4 cr.

70011 007 DIS, 16:05-16:55 Th, Borlaug Hall 243A, In Person Term Based; Nicolas Jelinski ; 4 cr.

3416 Plant Nutrients in the Environment

(Student Option; Prereq: SOIL 2125)

53276 001 DIS, 11:45-13:40 MW, Plant Growth Facility 140B, In Person Term Based; John Lamb, Carl Rosen, Yuxin Miao ; 3 cr.

3521 Soil Judging

(A-F or Audit; Prereq: An introductory soils course and field studies course.)

70130 001 FWK, In Person Term Based; Nicolas Jelinski ; 1 cr.

4093 Directed Study

(Student Option; Prereq: instr consent)

52945 001 LEC, 00:00-00:00 , In Person Term Based; Carl Rosen ; 1-7 cr.

4094 Directed Research

(Student Option; Prereq: instr consent)

52946 001 LEC, 00:00-00:00 , In Person Term Based; Carl Rosen ; 1-7 cr.

4111 Introduction to Precision Agriculture

(A-F or Audit; Prereq: Basic sciences, statistics, soil, agronomy)

53434 001 LAB, 15:00-15:50 Th, Biosystems & Ag Eng Bldg 105, In Person Term Based; Ce Yang, Yuxin Miao ; 3 cr.

53435 002 LEC, 15:00-16:55 T, Biosystems & Ag Eng Bldg 106, In Person Term Based; Ce Yang, Yuxin Miao ; 3 cr.

5125 Soil Science for Teachers and Professionals

(Student Option;)

70108 003 DIS, In Person Term Based; 4 cr.

70109 002 LAB, In Person Term Based; 4 cr.

70110 001 LEC, In Person Term Based; 4 cr.

8123 Research Ethics in the Plant and Environmental Sciences

(S-N or Audit; Prereq: Enrolled in a plant/environmental sci grad research prog)

53152 001 LEC, 17:30-19:00 Th, Biological Sciences Ctr 64, In Person Term Based; Meets With: 001 PMB 8123001 APSC 8123001 PLPA 8123; Jerry Cohen ; 0.5 cr.

Somali (SMLI)

1222 Beginning Somali II

(A-F only; Prereq: 1221)

50981 001 LEC, 17:30-20:00 MW, Nicholson Hall 335, In Person Term Based; Said Ahmed ; 5 cr.

1226 Accelerated Beginning Somali II

(A-F only; Prereq: 1225 or instr consent)

50895 001 LEC, 17:30-20:00 TTh, Kolthoff Hall 135, In Person Term Based; Said Ahmed ; 5 cr.

3228 Intermediate Somali II

(Student Option;)

68114 001 LEC, 14:00-16:30 MW, Carlson School of Mgmt L-118, In Person Term Based; Said Ahmed ; 5 cr.

Spanish (SPAN)

144 Intermediate Medical Spanish

(S-N or Audit; Prereq: [1st yr college-level Spanish or equiv], dept consent)

50997 001 LEC, 18:30-20:30 T, Folwell Hall 119, Partially Online; Maria Emilce Lopez ; 0 cr.

50997 001 LEC, 18:30-20:30 T, Folwell Hall 119, Partially Online; Maria Emilce Lopez ; 0 cr.

221 Reading Spanish

(S-N or Audit;)

51412 001 LEC, 17:15-19:20 T, Folwell Hall 107, In Person Term Based; 0 cr.

344 Advanced Medical Spanish

(S-N or Audit; Prereq: Span 0144, 2 yrs. Spanish College Level or equiv, dept consent)

50998 001 LEC, 18:30-20:30 T, Folwell Hall 122, Partially Online; Maria Emilce Lopez ; 0 cr.

50998 001 LEC, 18:30-20:30 T, Folwell Hall 122, Partially Online; Maria Emilce Lopez ; 0 cr.

1002 Beginning Spanish

(Student Option; Prereq: 1001 completed at UMNTC, dept consent)

49953 001 LEC, 10:10-11:00 MTWThF, Folwell Hall 106, In Person Term Based; Cecily Brown ; 5 cr.

49954 002 LEC, 11:15-12:05 MTWThF, Folwell Hall 3, In Person Term Based; Cecily Brown ; 5 cr.

49955 003 LEC, 12:20-13:10 MTWThF, Folwell Hall 106, In Person Term Based; Meets With: 003 SPAN 4002; Cecily Brown ; 5 cr.

52119 004 LEC, 18:00-19:55 MW, Folwell Hall 18, In Person Term Based; Stephanie Anderson ; 5 cr.

1003 Intermediate Spanish

(Student Option; Prereq: [1002 or 1022] or EPT placement)

49205 002 LEC, 8:00- 8:50 MTWTh, Folwell Hall 30, Partially Online; Mary Pogatschnik ; 5 cr.

49206 003 LEC, 8:00- 8:50 MTWTh, Folwell Hall 3, Partially Online; Edward Effler ; 5 cr.

49207 004 LEC, 9:05- 9:55 MTWTh, Nicholson Hall 120, Partially Online; Anne Hoffman-Gonzalez ; 5 cr.

49208 005 LEC, 9:05- 9:55 MTWTh, Folwell Hall 8, Partially Online; Mary Pogatschnik ; 5 cr.

49209 006 LEC, 10:10-11:00 MTWTh, Kolthoff Hall 138, Partially Online; Elizabeth Lake ; 5 cr.

49210 007 LEC, 10:10-11:00 MTWTh, Folwell Hall 116, Partially Online; Mary Pogatschnik ; 5 cr.

49211 008 LEC, 11:15-12:05 MTWTh, Kolthoff Hall 138, Partially Online; Marisol Galicia Estevez ; 5 cr.

49212 009 LEC, 11:15-12:05 MTWTh, Folwell Hall 116, Partially Online; Elizabeth Lake ; 5 cr.

49213 010 LEC, 12:20-13:10 MTWTh, Folwell Hall 116, Partially Online; Marisol Galicia Estevez ; 5 cr.

49214 011 LEC, 13:25-14:15 MTWTh, Kolthoff Hall 140, Partially Online; Meets With: 011 SPAN 4003; Marisol Galicia Estevez ; 5 cr.

49217 014 LEC, 14:30-15:20 MTWTh, Folwell Hall 121, Partially Online; Andrew Wiesinger ; 5 cr.

49218 015 LEC, 15:35-16:25 MTWTh, Folwell Hall 104, Partially Online; Andrew Wiesinger ; 5 cr.

50020 001 LEC, 8:00- 8:50 MTWTh, Kolthoff Hall 133, Partially Online; Vivian Franco Diaz ; 5 cr.

51705 301 LEC, 00:00-00:00 , ONLINE, Completely Online; ; 5 cr.

51985 016 LEC, 16:40-17:30 MTWTh, Folwell Hall 18, Partially Online; Andrew Wiesinger ; 5 cr.

52496 017 LEC, 18:00-19:55 MW, Folwell Hall 123, Partially Online; Collin Diver ; 5 cr.

1004 Intermediate Spanish

(Student Option; Prereq: 1003 or EPT placement)

49219 001 LEC, 8:00- 8:50 MTWTh, Kolthoff Hall 134, In Person Term Based; Emma Jasnoch ; 5 cr.

49220 002 LEC, 8:00- 8:50 MTWTh, Folwell Hall 121, In Person Term Based; Joy Collman ; 5 cr.

49221 004 LEC, 9:05- 9:55 MTWTh, Kolthoff Hall 133, In Person Term Based; Edward Effler ; 5 cr.

49222 005 LEC, 9:05- 9:55 MTWTh, Nicholson Hall 355, In Person Term Based; Adriana Sanchez-Vargas ; 5 cr.

49223 006 LEC, 10:10-11:00 MTWTh, Nicholson Hall 345, In Person Term Based; Adriana Sanchez-Vargas ; 5 cr.

49224 007 LEC, 10:10-11:00 MTWTh, Folwell Hall 6, In Person Term Based; Edward Effler ; 5 cr.

49225 008 LEC, 10:10-11:00 MTWTh, Folwell Hall 5, In Person Term Based; Sara Mack ; 5 cr.

49226 009 LEC, 11:15-12:05 MTWTh, Kolthoff Hall 134, In Person Term Based; Sara Mack ; 5 cr.

49227 010 LEC, 11:15-12:05 MTWTh, Kolthoff Hall 133, In Person Term Based; Marilena Mattos ; 5 cr.

49228 011 LEC, 12:20-13:10 MTWTh, Kolthoff Hall 136, In Person Term Based; Vanessa Santana ; 5 cr.

49229 012 LEC, 12:20-13:10 MTWTh, Folwell Hall 6, In Person Term Based; Marilena Mattos ; 5 cr.

49230 013 LEC, 13:25-14:15 MTWTh, Folwell Hall 18, In Person Term Based; Kristin Beamish-Brown ; 5 cr.

49231 014 LEC, 13:25-14:15 MTWTh, Kolthoff Hall 134, In Person Term Based; Vanessa Santana ; 5 cr.

49232 015 LEC, 14:30-15:20 MTWTh, Folwell Hall 120, In Person Term Based; Marilena Mattos ; 5 cr.

49233 016 LEC, 14:30-15:20 MTWTh, Folwell Hall 18, In Person Term Based; Stephanie Anderson ; 5 cr.

49235 018 LEC, 15:35-16:25 MTWTh, Folwell Hall 18, In Person Term Based; Vanessa Santana ; 5 cr.

49794 003 LEC, 8:00- 8:50 MTWTh, Folwell Hall 120, In Person Term Based; Adriana Sanchez-Vargas ; 5 cr.

49947 019 LEC, 18:00-19:55 TTh, Kolthoff Hall 139, In Person Term Based; Javier Zapata Claveria ; 5 cr.

51706 301 LEC, 00:00-00:00 , ONLINE, Completely Online; ; 5 cr.

68006 020 LEC, 9:05- 9:55 MTWTh, Folwell Hall 30, In Person Term Based; Joy Collman ; 5 cr.

1014 Business Spanish

(Student Option; Prereq: 1003)

51437 001 LEC, 12:20-14:15 TTh, Amundson Hall 158, In Person Term Based; Michael Arnold ; 5 cr.

1022 Alternate Second-Semester Spanish

(Student Option; Prereq: Placement above 1001)

49348 001 LEC, 8:00- 8:50 MTWThF, Folwell Hall 104, In Person Term Based; Guillermo Fajardo Sotelo ; 5 cr.

49349 002 LEC, 8:00- 8:50 MTWThF, Folwell Hall 103, In Person Term Based; Camille Braun ; 5 cr.

49350 003 LEC, 9:05- 9:55 MTWThF, Folwell Hall 3, In Person Term Based; F. Matos-Schultz ; 5 cr.

49351 004 LEC, 9:05- 9:55 MTWThF, Folwell Hall 121, In Person Term Based; Craig Conrad ; 5 cr.

49352 006 LEC, 10:10-11:00 MTWThF, Folwell Hall 120, In Person Term Based; F. Matos-Schultz ; 5 cr.

49634 005 LEC, 10:10-11:00 MTWThF, Folwell Hall 121, In Person Term Based; Craig Conrad ; 5 cr.

49635 007 LEC, 11:15-12:05 MTWThF, Folwell Hall 4, In Person Term Based; Olga Salazar Pozos ; 5 cr.

49736 008 LEC, 11:15-12:05 MTWThF, Folwell Hall 30, In Person Term Based; Craig Conrad ; 5 cr.

49737 009 LEC, 12:20-13:10 MTWThF, Folwell Hall 3, In Person Term Based; Erma Nezirevic ; 5 cr.

49740 010 LEC, 12:20-13:10 MTWThF, Folwell Hall 121, In Person Term Based; Alejandra Takahira ; 5 cr.

49743 012 LEC, 13:25-14:15 MTWThF, Folwell Hall 6, In Person Term Based; Cristina Castro ; 5 cr.

49795 013 LEC, 14:30-15:20 MTWThF, Folwell Hall 104, In Person Term Based; Yoko Hama ; 5 cr.

49796 014 LEC, 15:35-16:25 MTWThF, Folwell Hall 16, In Person Term Based; Lauren Truman ; 5 cr.

49797 015 LEC, 17:45-18:35 MTWThF, Folwell Hall 28, In Person Term Based; Eva Palma Zuniga ; 5 cr.

1044 Intermediate Medical Spanish

(Student Option; Prereq: 1003 or equiv)

50302 001 LEC, 10:10-12:05 TTh, Peik Hall 375, In Person Term Based; Maria Emilce Lopez ; 5 cr.

3011W Spanish Grammar and Composition

Workshop

(Student Option; Prereq: [1004 or 1014 or 1044], LPE passW)

49343 001 LEC, 10:10-12:05 MW, Wulling Hall 240, In Person Term Based; Begona Orive-Abad ; 4 cr.

3015V Honors: Spanish Composition and Communication

(A-F or Audit; Prereq: [1004 or 1014 or 1044], LPE pass, Honors studentW)

69729 001 LEC, 12:20-14:15 TTh, Amundson Hall 124, In Person Term Based; Begona Orive-Abad ; 4 cr.

3015W Spanish Composition and Communication

(Student Option; Prereq: 1004 or 1014 or 1044, LPE passW)

49338 001 LEC, 8:00- 9:55 MW, Folwell Hall 116, In Person Term Based; Angela Castro ; 4 cr.

49339 003 LEC, 10:10-12:05 MW, Peik Hall 225, In Person Term Based; Anne Hoffman-Gonzalez ; 4 cr.

49340 004 LEC, 12:20-14:15 MW, Peik Hall 225, In Person Term Based; Stephanie Anderson ; 4 cr.

49341 006 LEC, 8:00- 9:55 TTh, Folwell Hall 116, In Person Term Based; Carolina Anon Suarez ; 4 cr.

49342 007 LEC, 10:10-12:05 TTh, Nicholson Hall 115, In Person Term Based; Begona Orive-Abad ; 4 cr.

49510 008 LEC, 12:20-14:15 TTh, Ford Hall 150, In Person Term Based; Alicia Ocampo ; 4 cr.

49946 002 LEC, 10:10-12:05 MW, Amundson Hall 104, In Person Term Based; Kathleen Ganley ; 4 cr.

50130 005 LEC, 14:30-16:25 MW, Folwell Hall 5, In Person Term Based; Cristina Castro ; 4 cr.

52160 010 LEC, 14:30-16:25 TTh, Kolthoff Hall 134, In Person Term Based; Alicia Ocampo ; 4 cr.

52532 011 LEC, 18:00-19:55 TTh, Kolthoff Hall 136, In Person Term Based; Arthur Strawbridge ; 4 cr.

3022 Advanced Business Spanish

(Student Option; Prereq: 3015)

49636 001 LEC, 12:20-14:15 MW, Burton Hall 123, In Person Term Based; Anne Hoffman-Gonzalez ; 4 cr.

3044 Advanced Medical Spanish

(Student Option; Prereq: [(1004 or 1014 or 1044 or equiv), Span LPE] or instr consent)

50086 001 LEC, 12:20-14:15 TTh, Peik Hall 375, In Person Term Based; Maria Emilce Lopez ; 4 cr.

3104W Introduction to the Study of Hispanic Literatures

(Student Option; Prereq: 3015, Spanish [major or minor] or Span-Port majorLITR,W)

48975 001 LEC, 9:45-11:00 MW, Kolthoff Hall 139, In Person Term Based; Thomas Mc Callum ; 3 cr.

48976 002 LEC, 13:00-14:15 MW, Nicholson Hall 315, In Person Term Based; Thomas Mc Callum ; 3 cr.

49515 004 LEC, 8:15- 9:30 TTh, Kolthoff Hall 138, In Person Term Based; Erma Nezirevic ; 3 cr.

49945 005 LEC, 14:30-15:45 TTh, Folwell Hall 4, In Person Term Based; Erma Nezirevic ; 3 cr.

50461 003 LEC, 18:00-19:15 MW, Kolthoff Hall 139, In Person Term Based; Marcelo Fuentes ; 3 cr.

3105W Introduction to the Study of Hispanic Cultures

(Student Option; Prereq: 3015, Spanish [major or minor] or Span-PortW)

49084 002 LEC, 9:45-11:00 MW, Kolthoff Hall 136, In Person Term Based; Natalia Defiel ; 3 cr.

49085 003 LEC, 13:00-14:15 MW, Folwell Hall 12, In Person Term Based; Michael Arnold ; 3 cr.

49086 004 LEC, 16:00-17:15 MW, Folwell Hall 106, In Person Term Based; Kristin Beamish-Brown ; 3 cr.

49087 001 LEC, 8:15- 9:30 MW, Kolthoff Hall 139, In Person Term Based; Michael Arnold ; 3 cr.

51670 006 LEC, 13:00-14:15 TTh, Akerman Hall 227, In Person Term Based; Jose Aguirre ; 3 cr.

51671 007 LEC, 14:30-15:45 TTh, Folwell Hall 30, In Person Term Based; Kristin Beamish-Brown ; 3 cr.

3107W Introduction to the Study of Hispanic Linguistics

(Student Option; Prereq: 3015, Spanish [major or minor] or Span-Port majorW)

48977 001 LEC, 11:15-12:30 MW, Kolthoff Hall 140, In Person Term Based; Russell Simonsen ; 3 cr.

48978 002 LEC, 14:30-15:45 MW, Folwell Hall 4, In Person Term Based; Carol Ready ; 3 cr.

48979 003 LEC, 9:45-11:00 TTh, Kolthoff Hall 140, In Person Term Based; Alicia Ocampo ; 3 cr.

49512 004 LEC, 13:00-14:15 TTh, Pillsbury Hall 125B, In Person Term Based; Monica de la Fuente Iglesias ; 3 cr.

3401 Latino Immigration and Community Engagement

(Student Option; Prerequisite: ARGN 3015W or ECDR 3015W or SPAN 3015 or SPAN 3015W or SPAN 3015V or TLDO 3231 or VENZ 3015CIV)

50975 001 LEC, 12:20-14:50 M, Nicholson Hall 120, In Person Term Based; Kathleen Ganley ; 3 cr.

50976 002 LEC, 13:25-15:55 T, Peik Hall 155, In Person Term Based; Kathleen Ganley ; 3 cr.

3404 Medical Spanish and Community Health Service

(Student Option; Prereq: 3015 with grade of at least B- or [1044, high pass on at least three sections of LPE])

50303 001 LEC, 12:20-14:50 W, Peik Hall 155, Partially Online; Maria Emilce Lopez ; 3 cr.

3510 Issues in Hispanic Cultures

(A-F or Audit; Prereq: 3015, [3105W or TLDO 3105 or VENZ 3512 or instr consent])

69050 001 LEC, 13:00-14:15 TTh, Nicholson Hall 315, In Person Term Based; Michelle Hamilton ; 3 cr.

69051 002 LEC, 15:35-18:05 W, Folwell Hall 120, In Person Term Based; 3 cr.

3606 Human Rights Issues in the Americas

(Student Option;)

52713 001 LEC, 13:00-14:15 MW, Folwell Hall 108, In Person Term Based; Ana Forcinito ; 3 cr.

3702 Structure of Spanish: Morphology and Syntax

(Student Option; Prereq: 3015, [3107W or TLDO 3107 or VENZ 3107 or instr consent])

50872 001 LEC, 14:30-15:45 TTh, Folwell Hall 5, In Person Term Based; Francisco Ocampo ; 3 cr.

3706 Spanish Applied Linguistics

(Student Option; Prereq: 3015, [3107W or TLDO 3107 or VENZ 3107 or instr consent])

52533 001 DIS, 9:45-11:00 MW, Folwell Hall 112, In Person Term Based; Carol Klee ; 3 cr.

3730 Topics in Hispanic Linguistics

(A-F only; Prereq: 3015, [3107W or TLDO 3107 or VENZ 3107 or instr consent])

52563 001 LEC, 11:15-12:30 MW, Folwell Hall 32, In Person Term Based; Carol Klee ; 3 cr.

3730 Topics in Hispanic Linguistics

(A-F only; Prereq: 3015, [3107W or TLDO 3107 or VENZ 3107 or instr consent])

52563 001 LEC, 11:15-12:30 MW, Folwell Hall 32, In Person Term Based; Carol Klee ; 3 cr.

3800 Film Studies in Spanish

(A-F only; Prereq: 3015, [3104W or 3105W or TLDO 3104 or TLDO 3105 or VENZ 3104 or VENZ 3512 or instr consent])

69670 001 LEC, 10:10-13:00 F, Folwell Hall 28, In Person Term Based; Ofelia Ferran ; 3 cr.

3910 Topics in Spanish Peninsular Literature

(A-F or Audit; Prereq: 3015, [3104W or TLDO 3104 or VENZ 3104 or instr consent])

69696 001 LEC, 9:45-11:00 TTh, Blegen Hall 330, In Person Term Based; Ofelia Ferran ; 3 cr.

3920 Topics in Spanish-American Literature

(A-F only; Prereq: 3015, [3104W or TLDO 3104 or VENZ 3104 or instr consent])

69052 001 LEC, 16:00-18:30 Th, Folwell Hall 12, In Person Term Based; Carlos Mejia Suarez ; 3 cr.

3972W Graduation Seminar

(A-F only; Prereq: Spanish Studies Majors: C- or better in SPAN 3015, 3104, 3105, 3107 and 3 SPAN electives with a critical analysis prereq. Spanish/Portuguese Studies Majors: C- or better in SPAN 3015, PORT 3003, SPAN 3104, 3107, 1 PORT 35xx class, 2 upper level SPAN or PORT electives.WI)

48968 001 LEC, 14:30-15:45 W, Folwell Hall 118, In Person Term Based; Ana Forcinito ; 3 cr.

50192 002 LEC, 13:00-14:15 Th, ONLINE, 13:00-14:15 T, Folwell Hall 317, Partially Online; Luis Ramos-Garcia ; 3 cr.

4002 Beginning Spanish for Graduate Student Research

(Student Option;)

69469 002 DIS, In Person Term Based; ; 5 cr.

69470 003 DIS, 12:20-13:10 MTWThF, Folwell Hall 106, In Person Term Based; Meets With: 003 SPAN 1002; Cecily Brown ; 5 cr.

4003 Intermediate Spanish for Graduate Student Research

(Student Option;)

50450 011 DIS, 13:25-14:15 MTWTh, Kolthoff Hall 140, In Person Term Based; Meets With: 011 SPAN 1003; Marisol Galicia Estevez ; 5 cr.

5550 Caribbean Literature: An Integral Approach

(Student Option; Prereq: Grad student or instr consent)

68010 001 LEC, 14:30-17:30 M, Nicholson Hall 345, In Person Term Based; Jaime Hanneken ; 3 cr.

5590 The Impact of Globalization in Latin American Discourses

(Student Option;)

69006 001 LEC, 14:30-17:30 Th, Folwell Hall 118, In Person Term Based; Luis Ramos-Garcia ; 3 cr.

5721 Spanish Laboratory Phonology

(A-F or Audit; Prereq: Grad student or instr consent)

51772 001 LEC, 11:15-12:30 MW, Folwell Hall 119, In Person Term Based; Timothy Face ; 3 cr.

5930 Topics in Ibero-Romance Linguistics

(Student Option;)

52747 001 LEC, 12:15-13:30 TTh, Folwell Hall 2, In Person Term Based; Francisco Ocampo ; 3 cr.

5970 Directed Readings

(Student Option; Prereq Grad student or instr consent.)

49529 001 IND, In Person Term Based; William Viestenz ; 1-4 cr.

49867 002 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5990 Directed Research

(Student Option; Prereq Grad student or instr consent.)

50006 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

50021 002 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

49557 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

49579 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

49603 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

49629 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

50002 001 IND, In Person Term Based; 1-24 cr.

Spanish and Portuguese (SPPT)

5930 Selected Topics in Hispanic and Lusophone Cultural Discourse

(A-F or Audit; Prereq: Reading knowledge of Spanish and Portuguese)

68087 001 LEC, 14:30-17:30 T, Folwell Hall 317, In Person Term Based; Ana Paula Ferreira ; 1-3 cr.

8920 Introduction to Hispanic and Lusophone Literatures, Cultures, and Languages

(S-N only; Prereq: Graduate Student)

68068 001 LEC, 13:00-14:30 T, Folwell Hall 107, In Person Term Based; William Viestenz ; 2 cr.

8930 Dissertation & Professionalization Workshop

(S-N only; Prereq: Grad student, instr consent)

68069 001 DIS, 15:15-17:00 W, Folwell Hall 2, In Person Term Based; William Viestenz ; 1 cr.

Speech-Language-Hearing Sci (SLHS)

1301V The Physics and Biology of Spoken Language Honors

(A-F or Audit; PHYS,WI)

51219 001 LEC, 15:00-16:15 TTh, Murphy Hall 130, In Person Term Based; Meets With: 001 SLHS 1301W; Yang Zhang ; 4 cr.

51464 002 LAB, 9:45-11:15 M, Appleby Hall 321, In Person Term Based; Meets With: 002 SLHS 1301W; 4 cr.

1301W The Physics and Biology of Spoken Language

(Student Option; PHYS,WI)

48731 001 LEC, 15:00-16:15 TTh, Murphy Hall 130, In Person Term Based; Meets With: 001 SLHS 1301V; Yang Zhang ; 4 cr.

48732 002 LAB, 9:45-11:15 M, Appleby Hall 321, In Person Term Based; Meets With: 002 SLHS 1301V; 4 cr.

48733 003 LAB, 8:15- 9:45 T, Appleby Hall 321, In Person Term Based; 4 cr.

48734 004 LAB, 11:15-12:45 W, Appleby Hall 321, In Person Term Based; 4 cr.

1302 Rate Your World: Quantifying Judgments of Human Behavior

(Student Option; MATH)

50150 001 LEC, 10:10-11:00 TTh, Shevlin Hall 110, In Person Term Based; Yang Zhang ; 3 cr.

50412 002 DIS, 14:30-15:20 T, Shevlin Hall 110, In Person Term Based; 3 cr.

50413 003 DIS, 8:00- 8:50 Th, ONLINE, Completely Online; 3 cr.

1401 Communication Differences and Disorders

(Student Option; SOCS)

48735 001 LEC, 11:15-12:30 TTh, Pillsbury Hall 110, In Person Term Based; Meets With: 001 SLHS 3401; Jayanthi Sasisekaran ; 3 cr.

1402 The Talking Brain

(Student Option; SOCS)

50042 001 LEC, 14:30-15:45 TTh, Fraser Hall 102, In Person Term Based; Peter Watson ; 3 cr.

3303 Language Acquisition and Science

(Student Option;)

50901 001 LEC, 13:00-14:15 TTh, Shevlin Hall 20, In Person Term Based; Lizbeth Finestack ; 3 cr.

3304 Phonetics

(Student Option;)

50894 001 LEC, 9:45-11:00 TTh, Bruininks Hall 230, In Person Term Based; 3 cr.

3306 Hearing Science

(Student Option; Prereq: [3302, 3305W] or instr consent)

48769 001 LEC, 9:45-11:00 MW, Shevlin Hall 20, In Person Term Based; Evelyn Davies-Venn ; 3 cr.

3401 Communication Differences and Disorders

(Student Option; SOCS)

49713 001 LEC, 11:15-12:30 TTh, Pillsbury Hall 110, In Person Term Based; Meets With: 001 SLHS 1401; Jayanthi Sasisekaran ; 3 cr.

3402V Capstone Project in Speech-Language-Hearing Sciences Honors

(A-F only; WI)

51324 001 LEC, 13:00-14:15 MW, Nicholson Hall 35, In Person Term Based; Meets With: 001 SLHS 3402W; Jayanthi Sasisekaran ; 3 cr.

3402W Capstone Project in Speech-Language-Hearing Sciences

(S-N or Audit; WI)

50891 001 LEC, 13:00-14:15 MW, Nicholson Hall 35, In Person Term Based; Meets With: 001 SLHS 3402V; Jayanthi Sasisekaran ; 3 cr.

3555H Honors Thesis

(A-F or Audit; Prereq: See dir of undergrad studies for [thesis adviser, forms])

50162 001 IND, 00:00-00:00 , , In Person Term Based; Arlene Carney ; 1-2 cr.

50173 002 IND, 00:00-00:00 , , In Person Term Based; 1-2 cr.

50174 003 IND, 00:00-00:00 , , In Person Term Based; 1-2 cr.

50175 005 IND, 00:00-00:00 , , In Person Term Based; Benjamin Munson ; 1-2 cr.

50176 006 IND, 00:00-00:00 , , In Person Term Based; Peggy Nelson ; 1-2 cr.

50177 007 IND, 00:00-00:00 , , In Person Term Based; Joe Reichle ; 1-2 cr.

50178 008 IND, 00:00-00:00 , , In Person Term Based; Robert Schlauch ; 1-2 cr.

50179 009 IND, 00:00-00:00 , , In Person Term Based; Peter Watson ; 1-2 cr.

50180 010 IND, 00:00-00:00 , , In Person Term Based; 1-2 cr.

50181 011 IND, 00:00-00:00 , , In Person Term Based; Yang Zhang ; 1-2 cr.

69995 004 IND, In Person Term Based; Lizbeth Finestack ; 1-2 cr.

3994 Directed Research

(Student Option; Prereq: Undergrad doing research)

50409 001 IND, 00:00-00:00 , , In Person Term Based; Sarah Angerman ; 1-12 cr.

50410 002 IND, 00:00-00:00 , , In Person Term Based; Arlene Carney ; 1-12 cr.

50411 003 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

50811 004 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

50812 005 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

50813 006 IND, 00:00-00:00 , , In Person Term Based; Benjamin Munson ; 1-12 cr.

50814 007 IND, 00:00-00:00 , , In Person Term Based; Peggy Nelson ; 1-12 cr.

50815 008 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

50816 009 IND, 00:00-00:00 , , In Person Term Based; Joe Reichle ; 1-12 cr.

50817 010 IND, 00:00-00:00 , , In Person Term Based; Jayanthi Sasisekaran ; 1-12 cr.

50818 011 IND, 00:00-00:00 , , In Person Term Based; Robert Schlauch ; 1-12 cr.

50819 012 IND, 00:00-00:00 , , In Person Term Based; Peter Watson ; 1-12 cr.

50820 013 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

50821 014 IND, 00:00-00:00 , , In Person Term Based; Yang Zhang ; 1-12 cr.

50925 015 IND, 00:00-00:00 , , In Person Term Based; Sheri Stronach ; 1-12 cr.

50926 016 IND, 00:00-00:00 , , In Person Term Based; Lizbeth Finestack ; 1-12 cr.

4802 Rehabilitative Audiology

(Student Option;)

50983 001 LEC, 11:15-12:30 TTh, Nicholson Hall 35, In Person Term Based; 3 cr.

5502 Voice and Cleft Palate

(Student Option; Prereq: [3305, 4301] or [CDIs 3305, CDIs 4301] or instr consent)
50890 001 LEC, 17:30-20:00 W, Shevlin Hall 20, In Person Term Based; Peter Watson ; 3 cr.

5605 Language and Cognitive Disorders in Adults

(Student Option; Prereq: [3302, 4301] or [CDIs 3302, CDIs 4301] or instr consent)
50136 001 LEC, 16:30-19:30 T, Shevlin Hall 110, In Person Term Based; Rebecca Lulai ; 3 cr.

5606 Introduction to Augmentative and Alternative Communication

(Student Option;)

50164 001 LEC, 8:45-11:15 M, Shevlin Hall 110, In Person Term Based; 3 cr.

5609 Child Language Disorders in Diverse Populations

(Student Option;)

52599 001 DIS, 17:15-19:30 M, Shevlin Hall 110, In Person Term Based; Sheri Stronach ; 3 cr.

5805 Advanced Rehabilitative Audiology

(A-F only;)

67171 001 LEC, 13:30-16:20 M, Shevlin Hall 110, In Person Term Based; Arlene Carney ; 3 cr.

5810 Laboratory Module in Audiology

(A-F only; Prereq: [4801 or CDIS 4801, SLHS grad] or instr consent)

48736 001 LAB, 13:00-14:30 Th, Shevlin Hall 120, In Person Term Based; Kerry Witherell ; 1-2 cr.
52072 002 LAB, 14:30-16:00 Th, Shevlin Hall 120, In Person Term Based; Kerry Witherell ; 1-2 cr.
52073 003 LAB, 16:00-17:30 Th, Shevlin Hall 120, In Person Term Based; Kerry Witherell ; 1-2 cr.
68804 004 LAB, 17:30-19:00 Th, Shevlin Hall 120, In Person Term Based; Kerry Witherell ; 1-2 cr.

5820 Clinical Research and Practice: Grand Rounds

(S-N or Audit; Prereq: [[4801 or CDIS 4801 or equiv], SLHS grad] or instr consent)
50151 001 DIS, 10:00-11:30 F, Room TBA, In Person Term Based; Sarah Angerman ; 1-6 cr.

5830 Clinical Foundations in Audiology

(S-N or Audit; Prereq: Grad SLHS major)

52109 001 FWK, 00:00-00:00 , In Person Term Based; Sarah Angerman ; 1-8 cr.

5900 Topic in Speech-Language-Hearing Sciences

(Student Option; Prereq: SLHS grad student or instr consent)

67174 001 LEC, 18:00-20:30 Th, Shevlin Hall 20, In Person Term Based; Jessica Grittner ; 1-3 cr.

5993 Directed Study

(Student Option; Prereq: SLHS grad or instr consent)

49090 001 IND, 00:00-00:00 , In Person Term Based; Sarah Angerman ; 1-12 cr.
49824 008 IND, 00:00-00:00 , In Person Term Based; Peggy Nelson ; 1-12 cr.
49825 010 IND, 00:00-00:00 , In Person Term Based; Robert Schlauch ; 1-12 cr.
49826 011 IND, 00:00-00:00 , In Person Term Based; Peter Watson ; 1-12 cr.
49827 009 IND, 00:00-00:00 , In Person Term Based; Joe Reichle ; 1-12 cr.
49828 003 IND, 00:00-00:00 , In Person Term Based; 1-12 cr.
49829 004 IND, 00:00-00:00 , In Person Term Based; 1-12 cr.
49830 007 IND, 00:00-00:00 , In Person Term Based; Benjamin Munson ; 1-12 cr.
49831 012 IND, 00:00-00:00 , In Person Term Based; 1-12 cr.
49832 002 IND, 00:00-00:00 , In Person Term Based; Arlene Carney ; 1-12 cr.
49970 005 IND, 16:00-17:00 T, Folwell Hall 5, In Person Term Based; Sheri Stronach ; 1-12 cr.
50407 013 IND, 00:00-00:00 , In Person Term Based; Yang Zhang ; 1-12 cr.
50822 014 IND, 00:00-00:00 , In Person Term Based; 1-12 cr.
50823 015 IND, 00:00-00:00 , In Person Term Based; 1-12 cr.
50824 016 IND, 00:00-00:00 , In Person Term Based; Jayanthi Sasisekaran ; 1-12 cr.
50927 017 IND, 00:00-00:00 , In Person Term Based; Lizbeth Finestack ; 1-12 cr.

8333 FTE: Masters

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
49538 001 IND, 00:00-00:00 , In Person Term Based; 1 cr.

8410 Seminar: Research

(Student Option;)
52601 001 LEC, 9:30-12:00 T, Shevlin Hall 120, In Person Term Based; Lizbeth Finestack ; 3 cr.

8430 Proseminar in Speech-Language-Hearing Sciences

(S-N only;)
50615 001 DIS, 12:00-13:00 M, Shevlin Hall 125, In Person Term Based; 1-6 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
49563 001 IND, 00:00-00:00 , In Person Term Based; Robert Schlauch ; 1 cr.
52051 002 IND, 00:00-00:00 , In Person Term Based; Sarah Angerman ; 1 cr.
52052 003 IND, 00:00-00:00 , In Person Term Based; 1 cr.
52053 004 IND, 00:00-00:00 , In Person Term Based; 1 cr.
52054 005 IND, 00:00-00:00 , In Person Term Based; Lizbeth Finestack ; 1 cr.
52055 006 IND, 00:00-00:00 , In Person Term Based; Sheri Stronach ; 1 cr.
52056 007 IND, 00:00-00:00 , In Person Term Based; Benjamin Munson ; 1 cr.
52057 008 IND, 00:00-00:00 , In Person Term Based; Peggy Nelson ; 1 cr.
52058 009 IND, 00:00-00:00 , In Person Term Based; Joe Reichle ; 1 cr.
52059 010 IND, 00:00-00:00 , In Person Term Based; Jayanthi Sasisekaran ; 1 cr.
52060 011 IND, 00:00-00:00 , In Person Term Based; Peter Watson ; 1 cr.
52061 012 IND, 00:00-00:00 , In Person Term Based; Yang Zhang ; 1 cr.
52062 013 IND, 00:00-00:00 , In Person Term Based; 1 cr.
52063 014 IND, 00:00-00:00 , In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
49585 001 IND, In Person Term Based; 1-6 cr.

8720 Clinical Education in Speech-Language Pathology

(S-N or Audit; Prereq: Grad CDIs major, adviser, DGS consent.)

48737 001 FWK, In Person Term Based; Rebecca Lulai ; 1-8 cr.
50072 002 FWK, 00:00-00:00 , In Person Term Based; Rebecca Lulai ; 1-8 cr.
52090 003 FWK, In Person Term Based; Sheri Stronach ; 1-8 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
49609 001 IND, In Person Term Based; 1-18 cr.

8801 Electrophysiologic Assessment of Auditory Function

(Student Option; Prereq: 5801 or CDIs 5801 or instr consent)
48738 001 LEC, 9:00-12:00 Th, Shevlin Hall 125, In Person Term Based; Kerry Witherell ; 3 cr.

8802 Hearing Aids II

(Student Option; Prereq: 5802 or CDIs 5802 or instr consent)
48739 001 LEC, 13:00-15:30 W, Shevlin Hall 125, In Person Term Based; Evelyn Davies-Venn ; 3 cr.

8806 Audiology Capstone

(S-N or Audit; Prereq: 8802, 8807)
50353 001 LEC, 00:00-00:00 , In Person Term Based; Robert Schlauch ; 1-6 cr.
69938 002 LEC, In Person Term Based; Sarah Angerman ; 1-6 cr.
69939 003 LEC, In Person Term Based; Arlene Carney ; 1-6 cr.
69940 004 LEC, In Person Term Based; Peggy Nelson ; 1-6 cr.
69941 005 LEC, In Person Term Based; Evelyn Davies-Venn ; 1-6 cr.

8807 Balance Assessment

(Student Option; Prereq: 5801, 8801)
51660 001 LEC, 9:00-12:00 M, Shevlin Hall 120, In Person Term Based; Sarah Angerman ; 3 cr.

8820 Clinical Education in Audiology

(S-N or Audit; Prereq: Grad CDIs major)
48740 001 FWK, 00:00-00:00 , In Person Term Based; Sarah Angerman ; 1-8 cr.
50073 002 FWK, 00:00-00:00 , In Person Term Based; Sarah Angerman ; 1-8 cr.

8840 Audiology Externship

(S-N or Audit; Prereq: [8802, 8807] or [CDIS 8802, CDIS 8807])
50826 001 FWK, 00:00-00:00 , In Person Term Based; Sarah Angerman ; 1-8 cr.
50829 002 FWK, 00:00-00:00 , In Person Term Based; Sarah Angerman ; 1-8 cr.
50830 003 FWK, 00:00-00:00 , In Person Term Based; Sarah Angerman ; 1-8 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required.)
49644 001 IND, 00:00-00:00 , In Person Term Based; Robert Schlauch ; 1-24 cr.

8994 Directed Research

(Student Option; Prereq: instr consent)
49091 001 IND, 00:00-00:00 , In Person Term Based; Sarah Angerman ; 1-12 cr.
49092 008 IND, 00:00-00:00 , In Person Term Based; Peggy Nelson ; 1-12 cr.
49093 010 IND, 00:00-00:00 , In Person Term Based; Robert Schlauch ; 1-12 cr.
49094 011 IND, 00:00-00:00 , In Person Term Based; Peter Watson ; 1-12 cr.
49833 009 IND, 00:00-00:00 , In Person Term Based; Joe Reichle ; 1-12 cr.
49834 003 IND, 00:00-00:00 , In Person Term Based; 1-12 cr.
49835 004 IND, 00:00-00:00 , In Person Term Based; 1-12 cr.
49836 007 IND, 00:00-00:00 , In Person Term Based; Benjamin Munson ; 1-12 cr.
49837 002 IND, 00:00-00:00 , In Person Term Based; Arlene Carney ; 1-12 cr.
49971 005 IND, 00:00-00:00 , In Person Term Based; Sheri Stronach ; 1-12 cr.
50380 012 IND, 00:00-00:00 , In Person Term Based; 1-12 cr.
50406 013 IND, 00:00-00:00 , In Person Term Based; Yang Zhang ; 1-12 cr.
50923 014 IND, 00:00-00:00 , In Person Term Based; Jayanthi Sasisekaran ; 1-12 cr.
50924 015 IND, 00:00-00:00 , In Person Term Based; Lizbeth Finestack ; 1-12 cr.

Sport Management (SMGT)

1701 Introduction to Sport Management

(A-F or Audit;)
47509 001 LEC, 9:45-11:00 TTh, Vincent Hall 16, In Person Term Based; Meets With: 002 SMGT 1701; Tiffany Richardson ; 2 cr.
47794 002 LEC, 9:45-11:00 TTh, Vincent Hall 16, In Person Term Based; Meets With: 001 SMGT 1701; Tiffany Richardson ; 2 cr.

3111 Sports Facility and Event Management

(A-F only;)
47797 001 LEC, 8:15- 9:30 TTh, Cooke Hall 214, In Person Term Based; Madeleine Orr ; 3 cr.
48376 002 LEC, 13:00-14:15 TTh, TCF Bank Stadium Room G150, In Person Term Based; Tiffany Richardson ; 3 cr.

3143 Organization and Management of Sport

(A-F only; Prereq: SMgt major)
47832 001 LEC, 13:00-14:15 MW, Cooke Hall 206, In Person Term Based; Yuhei Inoue ; 3 cr.
69460 002 LEC, 9:45-11:00 MW, Cooke Hall 206, In Person Term Based; Derek Hillestad ; 3 cr.

3421 Business of Sport

(A-F or Audit; Prereq: SMGT or kin or rec major or instr consent)
47307 001 LEC, 16:15-17:30 TTh, Ford Hall B15, In Person Term Based; Jeffrey Jurgella ; 3 cr.

48621 002 LEC, 11:15-12:30 TTh, Peik Hall 28, In Person Term Based; Ji Wu ; 3 cr.

3501 Sport in a Diverse Society

(A-F only; DSJ,SOCS)

47833 001 LEC, 11:15-12:30 TTh, Cooke Hall 214, In Person Term Based; Jo Ann Buysse ; 3 cr.

47881 002 LEC, 8:15- 9:30 TTh, Cooke Hall 215, In Person Term Based; Nicole LaVoi ; 3 cr.

47899 003 LEC, 11:15-12:30 MW, Cooke Hall 206, In Person Term Based; Mary Jo Kane ; 3 cr.

48360 005 LEC, 13:00-14:15 TTh, Cooke Hall 206, In Person Term Based; Jo Ann Buysse ; 3 cr.

48470 007 LEC, 8:00- 9:15 MW, Cooke Hall 206, In Person Term Based; Leo Lewis ; 3 cr.

3601 Ethics and Values in Sport

(A-F or Audit; Prereq: SMTG major)

47309 001 LEC, 13:00-14:40 Th, Molecular Cellular Biol 2-122, In Person Term Based; Caroline Heffernan ; 2 cr.

3631 Sport Marketing

(A-F only;)

47837 001 LEC, 11:15-12:30 TTh, Civil Engineering Bldg 212, In Person Term Based; Christopher Nettleton ; 3 cr.

48622 002 LEC, 8:15- 9:30 MW, TCF Bank Stadium Room G150, In Person Term Based; Jeffrey Wright ; 3 cr.

3632 Sport Sales and Fund-raising

(A-F only; Prereq: Sport Management major or instr consent)

47954 001 LEC, 18:00-20:30 M, TCF Bank Stadium Room G150, In Person Term Based; Nadine Babu ; 3 cr.

3861 Sport and Recreation Law

(A-F only; Prereq: SMTG or REC major or instr consent)

47310 001 LEC, 8:15- 9:30 MW, Peik Hall 28, In Person Term Based; Sandy Blazar ; 3 cr.

3881W Senior Seminar in Sport

Management

(A-F or Audit; WI)

47305 001 LEC, 15:00-17:30 M, Cooke Hall 215, In Person Term Based; Lisa Kihl ; 3 cr.

48330 002 LEC, 18:00-20:30 M, Cooke Hall 206, In Person Term Based; Madeleine Orr ; 3 cr.

69503 003 LEC, 18:00-20:30 M, Cooke Hall 215, In Person Term Based; Tiffany Richardson ; 3 cr.

3993 Directed Study in Sport Management

(A-F only; Prereq: Undergrad, instr consent)

47997 001 IND, Independent/Directed Study; Yuhei Inoue ; 1-3 cr.

47998 005 IND, 00:00-00:00 , , Independent/Directed Study; Tiffany Richardson ; 1-3 cr.

47999 003 IND, 00:00-00:00 , , Independent/Directed Study; Jo Ann Buysse ; 1-3 cr.

48000 004 IND, 00:00-00:00 , , Independent/Directed Study; Lisa Kihl ; 1-3 cr.

69965 002 IND, In Person Term Based; Yonghwan Chang ; 1-3 cr.

3996 Practicum: The Sport Experience

(S-N only; Prereq: 3881, SMTG major, instr consent)

47306 001 FWK, 00:00-00:00 , , In Person Term Based; Tiffany Richardson ; 2-8 cr.

Statistics (STAT)

1001 Introduction to the Ideas of Statistics

(Student Option; Prereq: Mathematics requirement for admission to UniversityMATH)

48756 001 LEC, 10:10-11:00 MWF, Vincent Hall 113, In Person Term Based; Ming Gao ; 4 cr.

49956 003 LAB, 10:10-11:00 T, Ford Hall 151, In Person Term Based; 4 cr.

3011 Introduction to Statistical Analysis

(Student Option; MATH)

48757 001 LEC, 9:05- 9:55 MWF, Anderson Hall 350, In Person Term Based; Sakshi Arya ; 4 cr.

48758 002 LAB, 8:00- 8:50 T, Rapson Hall 45, In Person Term Based; 4 cr.

48759 003 LAB, 9:05- 9:55 T, Mechanical Engineering 212, In Person Term Based; 4 cr.

48760 004 LAB, 10:10-11:00 T, Pillsbury Hall 110, In Person Term Based; 4 cr.

48761 005 LEC, 8:00- 8:50 MWF, Nicholson Hall 155, In Person Term Based; Adam Maidman ; 4 cr.

48762 006 LAB, 9:05- 9:55 T, Akerman Hall 319, In Person Term Based; 4 cr.

48763 007 LAB, 10:10-11:00 T, Akerman Hall 319, In Person Term Based; 4 cr.

48764 008 LAB, 8:00- 8:50 T, Akerman Hall 319, In Person Term Based; 4 cr.

49414 009 LEC, 12:20-13:10 MWF, Fraser Hall 102, In Person Term Based; Yuyoung Park ; 4 cr.

49415 010 LAB, 12:20-13:10 Th, Rapson Hall 45, In Person Term Based; 4 cr.

49416 011 LAB, 13:25-14:15 Th, Ford Hall B15, In Person Term Based; 4 cr.

49417 012 LAB, 14:30-15:20 Th, Ford Hall B10, In Person Term Based; 4 cr.

68780 017 LEC, 17:10-18:00 MWF, Keller Hall 3-115, In Person Term Based; Ding Xiang ; 4 cr.

68781 018 LAB, 17:10-18:00 T, Keller Hall 3-115, In Person Term Based; 4 cr.

3021 Introduction to Probability and

Statistics

(Student Option; Prereq: Math 1272)

51813 001 LEC, 11:15-12:05 MWF, Fraser Hall 102, In Person Term Based; Yuyoung Park ; 3 cr.

51814 002 LAB, 9:05- 9:55 T, Vincent Hall 1, In Person Term Based; 3 cr.

51815 003 LAB, 10:10-11:00 T, Vincent Hall 1, In Person Term Based; 3 cr.

51816 004 LAB, 11:15-12:05 T, Vincent Hall 1, In Person Term Based; 3 cr.

51817 005 LEC, 9:05- 9:55 MWF, Tate Hall B20, In Person Term Based; Xuetong Sun ; 3 cr.

51818 006 LAB, 8:00- 8:50 T, Ford Hall 130, In Person Term Based; 3 cr.

51819 007 LAB, 9:05- 9:55 T, Akerman Hall 225, In Person Term Based; 3 cr.

51820 008 LAB, 10:10-11:00 T, Bruininks Hall 530A, In Person Term Based; 3 cr.

51821 009 LEC, 10:10-11:00 MWF, Anderson Hall 250, In Person Term Based; John Corbett ; 3 cr.

51822 010 LAB, 10:10-11:00 Th, Amundson Hall 124, In Person Term Based; 3 cr.

51823 011 LAB, 11:15-12:05 Th, Ford Hall 150, In Person Term Based; 3 cr.

51824 012 LAB, 12:20-13:10 Th, Ford Hall B80, In Person Term Based; 3 cr.

3022 Data Analysis

(Student Option; Prereq: 3011 or 3021 or SOC 3811)

48765 001 LEC, 10:10-11:00 MWF, Rapson Hall 56, In Person Term Based; Yuyoung Park ; 4 cr.

48766 002 LAB, 10:10-11:00 T, Blegen Hall 240, In Person Term Based; 4 cr.

49790 003 LAB, 11:15-12:05 T, Ford Hall 130, In Person Term Based; 4 cr.

3032 Regression and Correlated Data

(Student Option; Prereq: STAT 3011 or STAT 3021)

52435 001 LEC, 11:15-12:05 MWF, Bruininks Hall 412, In Person Term Based; Meng-Hsuan Wu ; 4 cr.

52436 002 LAB, 10:10-11:00 T, Hanson Hall 1-109, In Person Term Based; 4 cr.

52437 003 LAB, 11:15-12:05 T, Ford Hall 150, In Person Term Based; 4 cr.

52438 004 LAB, 12:20-13:10 T, Rapson Hall 45, In Person Term Based; 4 cr.

52439 005 LEC, 14:30-15:20 MWF, Vincent Hall 16, In Person Term Based; Zhuozhi Huang ; 4 cr.

52440 006 LAB, 14:30-15:20 T, Rapson Hall 45, In Person Term Based; 4 cr.

52441 007 LAB, 13:25-14:15 T, Bruininks Hall 530A, In Person Term Based; 4 cr.

52442 008 LAB, 15:35-16:25 T, Akerman Hall 225, In Person Term Based; 4 cr.

3501 Internship in Statistical Practice

(S-N only; Prereq: Statistics Major)

52443 001 FWK, In Person Term Based; Barbara Kuzmak ; 1 cr.

3701 Introduction to Statistical Computing

(A-F only; Prerequisites: (MATH 1272 or 1372 or 1572H), CSCI 1113, and STAT 3032)

52444 001 LEC, 13:25-14:15 MW, Ford Hall 130, In Person Term Based; Zack Almqvist ; 3 cr.

52445 002 LAB, 13:25-14:15 F, Bruininks Hall 530A, In Person Term Based; 3 cr.

4051 Applied Statistics I

(A-F or Audit; Prerequisites: Stat 3032 and Stat 3701 and Stat 4101 or 5101)

52134 001 LEC, 10:10-11:00 MWF, Akerman Hall 209, In Person Term Based; Barbara Kuzmak ; 4 cr.

52135 002 LAB, 9:05- 9:55 T, Kolthoff Hall 132, In Person Term Based; 4 cr.

52136 003 LAB, 10:10-11:00 T, Kolthoff Hall 132, In Person Term Based; 4 cr.

4052 Applied Statistics II

(A-F only; Prerequisites: Stat 4051 and Stat 4102 or 5102)

52137 001 LEC, 10:10-11:00 MWF, Akerman Hall 225, In Person Term Based; Lan Liu ; 4 cr.

52138 002 LAB, 10:10-11:00 T, Akerman Hall 225, In Person Term Based; 4 cr.

4101 Theory of Statistics I

(Student Option; Prereq: Math 1272 or Math 1372 or Math 1572H)

51828 001 LEC, 14:30-15:20 MWF, Rapson Hall 31, In Person Term Based; Daniel Prentice ; 4 cr.

51829 002 LAB, 13:25-14:15 T, Akerman Hall 319, In Person Term Based; 4 cr.

51830 003 LAB, 14:30-15:20 T, Akerman Hall 225, In Person Term Based; 4 cr.

4102 Theory of Statistics II

(Student Option; Prereq: 4101)

48894 001 LEC, 14:30-15:20 MWF, Anderson Hall 230, In Person Term Based; Karl Oskar Ekvall ; 4 cr.

48895 002 LAB, 13:25-14:15 T, Rapson Hall 45, In Person Term Based; 4 cr.

50992 003 LAB, 14:30-15:20 T, Ford Hall 150, In Person Term Based; 4 cr.

4893W Consultation and Communication

for Statisticians

(A-F only; Prereq: Senior Statistics Major(WI))

49637 001 LEC, 13:25-14:15 MWF, Vincent Hall 6, In Person Term Based; Barbara Kuzmak ; 3 cr.

51661 002 LEC, 13:25-14:15 MWF, Vincent Hall 211, In Person Term Based; Meng-Hsuan Wu ; 3 cr.

5021 Statistical Analysis

(Student Option; Prereq: Credit will not be granted if credit has been received for : 3011; College algebra or instr consent; Stat course recommended)

48767 001 LEC, 10:10-11:00 MWF, Rapson Hall 43, In Person Term Based; Yu Zhou ; 4 cr.

48768 002 LAB, 9:05- 9:55 Th, Vincent Hall 1, In Person Term Based; 4 cr.

49920 003 LAB, 10:10-11:00 Th, Vincent Hall 206, In Person Term Based; 4 cr.

68783 004 LEC, 9:35-10:25 MWF, Peters Hall 145, In Person Term Based; Ning Dai ; 4 cr.

68784 005 LAB, 9:35-10:25 T, Rutan Hall B30, In Person Term Based; Ning Dai ; 4 cr.

5101 Theory of Statistics I

(Student Option; Prereq: [Math 2263 or Math 2374 or Math 2573H], [CSCI 2033 or Math 2373 or Math 2243])

51836 001 LEC, 9:05- 9:55 MWF, Mechanical Engineering 18, In Person Term Based; Tiefeng Jiang ; 4 cr.

51837 002 LAB, 9:05- 9:55 T, Vincent Hall 211, In Person Term Based; 4 cr.

51838 003 LAB, 8:00- 8:50 T, Ford Hall 115, In Person Term Based; 4 cr.

51839 004 LAB, 10:10-11:00 T, Akerman Hall 327, In Person Term Based; 4 cr.

5102 Theory of Statistics II

(Student Option; Prereq: 5101 or Math 5651)

48896 001 LEC, 14:30-15:20 MWF, Nicholson Hall 275, In Person Term Based; Kean Ming Tan ; 4 cr.

48897 002 LAB, 14:30-15:20 T, Ford Hall B10, In Person Term Based; 4 cr.

49969 003 LAB, 13:25-14:15 T, Ford Hall B15, In Person Term Based; 4 cr.

70079 004 LAB, 12:20-13:10 T, Burton Hall 120, In Person Term Based; 4 cr.

5302 Applied Regression Analysis

(Student Option; Prereq: 3022 or 4102 or 5021 or 5102 or instr consent)

48795 001 LEC, 13:25-14:15 MWF, Tate Hall 105, In Person Term Based; Boxiang Wang ; 4 cr.

48796 002 LAB, 13:25-14:15 T, Akerman Hall 313, In Person Term Based; 4 cr.

49418 003 LAB, 14:30-15:20 T, Akerman Hall 313, In Person Term Based; 4 cr.

5303 Designing Experiments

(Student Option; Prereq: 3022 or 4102 or 5021 or 5102 or instr consent)

48794 001 LEC, 12:20-13:10 MWF, Armory Building 116, In Person Term Based; John Corbett ; 4 cr.

49397 002 LAB, 12:20-13:10 T, Ford Hall B80, In Person Term Based; 4 cr.

51826 003 LAB, 13:25-14:15 T, Mechanical Engineering 221, In Person Term Based; 4 cr.

5401 Applied Multivariate Methods

(Student Option;)

50401 001 LEC, 11:15-12:05 MWF, Rapson Hall 43, In Person Term Based; Kean Ming Tan ; 3 cr.

5511 Time Series Analysis**(Student Option; Prereq: Theoretical understanding)**

52446 001 LEC, 14:30-15:20 MWF, Rapson Hall 43, In Person Term Based; Meets With: 001 STAT 8511; Charles Doss ; 3 cr.

5993 Tutorial**(Student Option; Prereq: instr consent)**

49455 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8052 Applied Statistical Methods 2: Design of Experiments and Mixed -Effects Modeling**(A-F or Audit; Prereq: 8051 or instr consent)**

51755 001 LEC, 11:15-13:10 MWF, Vincent Hall 1, In Person Term Based; Birgit Grund ; 3 cr.
51846 002 LAB, 12:20-13:10 Th, Akerman Hall 313, In Person Term Based; 3 cr.

8054 Statistical Methods 4: Advanced Statistical Computing**(A-F or Audit; Prereq: STAT 8053 or instr consent)**

50593 001 LEC, 11:15-12:05 MWF, Vincent Hall 311, In Person Term Based; Hui Zou ; 3 cr.

8102 Theory of Statistics 2**(Student Option; Prereq: 8101, Statistics graduate major or instr consent)**

48814 001 LEC, 13:25-14:15 MWF, Civil Engineering Bldg 212, In Person Term Based; Xiaouu Li ; 3 cr.

8112 Mathematical Statistics II**(Student Option; Prereq: 8111)**

48815 001 LEC, 13:25-14:15 MWF, Vincent Hall 206, In Person Term Based; Charles Doss ; 3 cr.

8333 FTE: Master's**(No Grade Associated; Prereq: Master's student, adviser and DGS consent)**

49558 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral**(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)**

49580 001 IND, In Person Term Based; 1 cr.

8501 Introduction to Stochastic Processes with Applications**(Student Option; Prereq: 5101 or 8101)**

69709 001 LEC, 11:15-12:05 MWF, Lind Hall 320, In Person Term Based; Tiefeng Jiang ; 3 cr.

8666 Doct Pre-Thesis Cr

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
49604 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

49630 001 IND, In Person Term Based; 1-18 cr.

8801 Statistical Consulting**(S-N or Audit; Prereq: STAT 8051 and STAT Grad Student or Instructor Consent)**

49419 001 LEC, 9:45-11:00 MW, Bruininks Hall 530B, In Person Term Based; Galin Jones ; 3 cr.

8821 Curricular Practical Training**(S-N only; Prereq: Statistics grad student, dept consent)**

51260 001 FWK, Independent/Directed Study; 1 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

49638 001 IND, In Person Term Based; 1-24 cr.

8913 Literature Seminar**(S-N only; Prereq: Statistics grad major or instr consent)**

50630 001 LEC, 15:35-16:25 F, Ford Hall 155, In Person Term Based; Lan Liu ; 1 cr.

8933 Advanced Topics in Statistics**(Student Option;)**

52448 001 LEC, 9:45-11:00 MW, Peik Gymnasium G55, In Person Term Based; Meets With: 001 STAT 5931001 PUBH 7475001 PUBH 8475; Wei Pan, Xiaotong Shen ; 3 cr.

8992 Directed Readings and Research**(Student Option; Prereq: instr consent)**

48913 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

51681 002 IND, 00:00-00:00 , , In Person Term Based; Singdhansu Chatterjee ; 1-6 cr.

51682 003 IND, 00:00-00:00 , , In Person Term Based; R. Cook ; 1-6 cr.

51683 004 IND, 00:00-00:00 , , In Person Term Based; Charles Doss ; 1-6 cr.

51684 005 IND, 00:00-00:00 , , In Person Term Based; Charles Geyer ; 1-6 cr.

51685 006 IND, 00:00-00:00 , , In Person Term Based; Birgit Grund ; 1-6 cr.

51686 007 IND, 00:00-00:00 , , In Person Term Based; Douglas Hawkins ; 1-6 cr.

51687 008 IND, 00:00-00:00 , , In Person Term Based; Nathaniel Helwig ; 1-6 cr.

51688 009 IND, 00:00-00:00 , , In Person Term Based; Tiefeng Jiang ; 1-6 cr.

51689 010 IND, 00:00-00:00 , , In Person Term Based; Galin Jones ; 1-6 cr.

51690 011 IND, 00:00-00:00 , , In Person Term Based; Glen Meeden ; 1-6 cr.

51691 012 IND, 00:00-00:00 , , In Person Term Based; Gary Oehlert ; 1-6 cr.

51692 013 IND, 00:00-00:00 , , In Person Term Based; Aaron Rendahl ; 1-6 cr.

51693 014 IND, 00:00-00:00 , , In Person Term Based; Adam Rothman ; 1-6 cr.

51694 015 IND, 00:00-00:00 , , In Person Term Based; Xiaotong Shen ; 1-6 cr.

51695 016 IND, 00:00-00:00 , , In Person Term Based; Lan Wang ; 1-6 cr.

51696 017 IND, 00:00-00:00 , , In Person Term Based; Sanford Weisberg ; 1-6 cr.

51697 018 IND, 00:00-00:00 , , In Person Term Based; Gongjun Xu ; 1-6 cr.

51698 019 IND, 00:00-00:00 , , In Person Term Based; Yuhong Yang ; 1-6 cr.

51699 020 IND, 00:00-00:00 , , In Person Term Based; Hui Zou ; 1-6 cr.

Stem Cell Biology (SCB)**5054 Stem Cell Institute Research Seminar and Journal Club****(A-F or Audit; Prereq: Acceptance into stem cell biology [master's prog or PhD minor prog] or instr consent)**

58588 001 LEC, 16:00-17:00 MWF, AHC ROOM TBA, In Person Term Based; Susan Keirstead, Lauri Andersen ; 2 cr.

8333 FTE: Master's**(No Grade Associated; Prereq: Master's student, adviser consent, DGS consent)**

58665 001 IND, In Person Term Based; Susan Keirstead ; 1 cr.

8777 Thesis Credits: Master's**(No Grade Associated;)**

58590 001 IND, In Person Term Based; Susan Keirstead ; 1-18 cr.

Studies in Cinema Media Cultur (SCMC)**1201W Cinema****(Student Option; AH,WI)**

50157 001 LEC, 9:05-12:05 F, Blegen Hall 5, In Person Term Based; Meets With: 001 CSCL 1201W; Margaret Heneffeld ; 4 cr.

52017 002 DIS, 9:05- 9:55 T, Folwell Hall 10, In Person Term Based; Meets With: 002 CSCL 1201W; Jeremy Meckler ; 4 cr.

52018 003 DIS, 10:10-11:00 T, Folwell Hall 10, In Person Term Based; Meets With: 003 CSCL 1201W; Jeremy Meckler ; 4 cr.

52019 004 DIS, 10:10-11:00 Th, Kolthoff Hall 132, In Person Term Based; Meets With: 004 CSCL 1201W; 4 cr.

52020 005 DIS, 10:10-11:00 W, Bruininks Hall 144, In Person Term Based; Meets With: 005 CSCL 1201W; Vanessa Cambier ; 4 cr.

52499 006 DIS, 11:15-12:05 W, Bruininks Hall 420A, In Person Term Based; Meets With: 006 CSCL 1201W; Vanessa Cambier ; 4 cr.

1202W Media: Word, Image, Sound**(Student Option; AH,WI)**

52000 001 LEC, 11:15-12:30 TTh, Nicholson Hall 275, In Person Term Based; Meets With: 001 CSCL 1202W; Thomas Cannavino ; 4 cr.

52002 002 DIS, 9:05- 9:55 M, Kolthoff Hall 132, In Person Term Based; Meets With: 002 CSCL 1202W; Andrea Gyenge ; 4 cr.

52003 003 DIS, 10:10-11:00 M, Kolthoff Hall 135, In Person Term Based; Meets With: 003 CSCL 1202W; Andrea Gyenge ; 4 cr.

52015 004 DIS, 9:05- 9:55 F, Nicholson Hall 345, In Person Term Based; Meets With: 004 CSCL 1202W; 4 cr.

52016 005 DIS, 10:10-11:00 F, Nicholson Hall 345, In Person Term Based; Meets With: 005 CSCL 1202W; Cole Pulice ; 4 cr.

3202 Intermediate Digital Filmmaking**(A-F only; Prereq: 3201 or instr consent)**

51415 001 LAB, 17:45-21:05 W, Nicholson Hall 120, In Person Term Based; Rachel Schaff ; 4 cr.

51678 002 LAB, 17:45-21:05 Th, Nicholson Hall 120, In Person Term Based; James Snapko ; 4 cr.

3210 Cinema and Ideology**(Student Option; AH)**

69612 001 LEC, 14:30-15:45 W, Nicholson Hall 145, 13:00-15:45 M, Nicholson Hall 325, In Person Term Based; Meets With: 001 CSCL 3210; Jesse Lawson ; 4 cr.

3220 Screen Cultures**(Student Option;)**

52704 001 LEC, 11:15-12:30 TTh, Nicholson Hall 325, In Person Term Based; Meets With: 001 CSCL 3220; Graeme Stout ; 3 cr.

3993 Directed Study**(Student Option;)**

51338 001 IND, 00:00-00:00 , , In Person Term Based; Graeme Stout ; 1-3 cr.

4993 Directed Study**(Student Option;)**

51339 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.

5002 Advanced Film Analysis**(A-F only;)**

51403 001 LEC, 17:00-20:00 W, Nicholson Hall 145, 18:20-20:50 M, Nicholson Hall 345, In Person Term Based; Michelle Lekas ; 4 cr.

5993 Directed Study**(Student Option;)**

51340 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.

Studies of Science and Tech (SST)**8000 Colloquium****(S-N or Audit; Prereq: Grad SST minor)**

55558 001 LEC, 15:35-17:30 F, Nicholson Hall 155, In Person Term Based; C. Waters ; 1.5 cr.

8400 Seminar: Science, Technology, and Society**(Student Option; Prereq: HSci 8111 or [Phil 8601 or Phil 8602 or Phil 8605] or instr consent)**

56855 002 LEC, In Person Term Based; 3 cr.

Study Abroad in Argentina (ARGN)**Study Abroad in Dublin (DBLN)****Study Abroad in Florence (FLOR)****Study Abroad in London (LNDN)**

Study Abroad in Venezuela (VENZ)

Summer Study in Rome (ROME)

Supply Chain and Operations (SCO)

2550 Business Statistics: Data Sources, Presentation, and Analysis (A-F or Audit; Prereq: [Math 1031 or equiv], at least 30 cr)

54001 001 DIS, 8:00- 9:40 TTh, Carlson School of Mgmt L-110, In Person Term Based; Bhupinder Juneja ; 4 cr.
54002 002 DIS, 11:50-13:30 MW, Carlson School of Mgmt L-110, In Person Term Based; Steven Huchendorf ; 4 cr.
54003 003 DIS, 13:45-15:25 MW, Carlson School of Mgmt L-110, In Person Term Based; Steven Huchendorf ; 4 cr.

3001 Introduction to Operations Management (A-F or Audit;)

54053 006 LEC, 9:45-11:00 TTh, Hanson Hall 1-108, In Person Term Based; Thomas Buchner ; 3 cr.

3045 Sourcing and Supply Management (A-F only; Prereq: 3001)

54009 001 LEC, 8:00- 9:40 MW, Hanson Hall 1-107, In Person Term Based; Thomas Buchner ; 2 cr.

3048 Transportation and Logistics Management (A-F only; Prereq: 3001)

54112 020 LEC, 17:45-21:05 M, Carlson School of Mgmt 1-149, In Person Term Based; Bhupinder Juneja, Keith Klein ; 2 cr.

3056 Supply Chain Planning and Control (A-F or Audit; Prereq: 3001 or instr consent)

54010 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt 1-123, In Person Term Based; Mili Mehrotra ; 4 cr.

3059 Quality Management and Lean Six Sigma (A-F or Audit; Prereq: 3001 or equiv or instr consent)

54011 020 LEC, 17:45-21:05 Th, Hanson Hall 1-105, In Person Term Based; Steven Huchendorf ; 4 cr.

3072 Managing Technologies in the Supply Chain (A-F only; Prereq: 3001)

54012 001 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 2-213, In Person Term Based; David Quimby ; 2 cr.

4065W Supply Chain and Operations Strategy (A-F only; Prereq: 3001, 3056, 3059, 4 [OMS or SCO] elective crW)

54013 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt L-118, In Person Term Based; Susan Goldstein ; 4 cr.
54187 002 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 2-219, In Person Term Based; Susan Goldstein ; 4 cr.

6041 Project Management (A-F only;)

54014 050 LEC, 8:00-17:00 F, Carlson School of Mgmt 2-213, 8:00-17:00 F, Carlson School of Mgmt 2-213, 8:00-17:00 F, Carlson School of Mgmt 2-213, In Person Term Based; David Quimby ; 2 cr.

6045 Strategic Sourcing (A-F only;)

54189 065 LEC, 17:45-21:05 M, Carlson School of Mgmt 1-142, In Person Term Based; Thomas Buchner ; 2 cr.

6048 Logistics and Transportation (A-F only;)

54190 075 LEC, Completely Online; Karen Donohue ; 2 cr.

6072 Managing Technologies in the Supply Chain (A-F only;)

54113 065 LEC, 17:45-21:05 W, Carlson School of Mgmt L-122, In Person Term Based; Kingshuk Sinha ; 2 cr.

6081 Global Operations Strategy

(A-F only; Prereq: [MBA 6220 or equiv], MBA student)
54077 060 LEC, 17:45-21:05 Th, Carlson School of Mgmt 1-132, In Person Term Based; Bob Azman ; 4 cr.

6091 Process Improvement Methods

(A-F only;)
54191 065 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-135, In Person Term Based; David Quimby ; 2 cr.

6092 Supply Chain Risk and Security

(A-F only;)
54192 050 LEC, 8:00-17:00 F, Carlson School of Mgmt 2-215, 8:00-17:00 F, Carlson School of Mgmt 2-215, 8:00-17:00 F, Carlson School of Mgmt 2-215, In Person Term Based; David Quimby ; 2 cr.

6094 Responsible Supply Chain Management (A-F only;)

54193 065 LEC, 17:45-21:05 M, Carlson School of Mgmt 1-132, In Person Term Based; Karthik Natarajan ; 2 cr.

6096 Supply Chain Management in the Health Care and Medical Devices Sector (A-F only;)

54194 065 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-143, In Person Term Based; Kingshuk Sinha ; 2 cr.

6097 Supply Chain Management in the Retail Sector (A-F only;)

54195 065 LEC, 17:45-21:05 Th, Carlson School of Mgmt 1-142, In Person Term Based; Karen Donohue, Lisa Cotter ; 2 cr.

6291 Leadership Development

(A-F only;)
54196 095 LEC, 17:45-21:05 M, Carlson School of Mgmt 2-228, 17:45-21:05 W, Carlson School of Mgmt 2-228, In Person Term Based; Kevin Wilde ; 0-2 cr.

8651 Experimental Design

(A-F or Audit; Prereq: MBA 6120 or equiv or business admin PhD student or instr consent; offered alt yrs)
65744 001 LEC, In Person Term Based; Christopher Nachtsheim ; 3 cr.

8755 Behavioral Operations

(A-F only; Prereq: Business admin Ph.D. student or instr consent)
65745 001 LEC, In Person Term Based; Karen Donohue ; 3 cr.

8892 Readings in Operations and Management Science (Student Option; Prereq: Business admin PhD student or instr consent)

54015 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

8894 Graduate Research in Operations and Management Science (Student Option; Prereq: Business admin PhD student or instr consent)

54016 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

Surgery (SURG)

7500 General Surgery Externship

(H-N only;)
58198 085 ROT, In Person Term Based; 8 cr.
68738 086 ROT, In Person Term Based; 8 cr.

7502 Externship in the Surgical Intensive Care Unit (H-N or Audit; Prereq: 7500)

58201 006 FWK, 00:00-00:00 , , In Person Term Based; 2-6 cr.
58202 007 FWK, 00:00-00:00 , , In Person Term Based; 2-6 cr.

7503 Surgery Research

(H-N or Audit;)
58203 099 IND, 00:00-00:00 , , In Person Term Based; 4 cr.

7504 Externship in Hospital-based Nutrition

(H-N or Audit;)

58206 006 FWK, 00:00-00:00 , , In Person Term Based; 3-6 cr.
58207 007 FWK, 00:00-00:00 , , In Person Term Based; 3-6 cr.
58208 008 FWK, In Person Term Based; 3-6 cr.

7505 Solid Organ Transplant Surgery

(H-N only;)
59827 001 ROT, In Person Term Based; 4-46 cr.
59828 002 ROT, In Person Term Based; 4-46 cr.
59829 003 ROT, In Person Term Based; 4-46 cr.
59830 004 ROT, In Person Term Based; 4-46 cr.

7509 Burn Surgery

(H-N only;)
58209 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68599 002 ROT, In Person Term Based; ; 4 cr.
68600 003 ROT, In Person Term Based; ; 4 cr.
68601 004 ROT, In Person Term Based; ; 4 cr.

7510 Advanced Surgery Externship

(H-N only;)
58211 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68602 002 ROT, In Person Term Based; ; 4 cr.
68603 003 ROT, In Person Term Based; ; 4 cr.
68604 004 ROT, In Person Term Based; ; 4 cr.

7511 Advanced Surgery Externship (Subinternship) at VA Medical Center

(H-N or Audit; Prereq: 7500, dept consent)
58498 017 FWK, 00:00-00:00 , , In Person Term Based; 3-6 cr.
59834 018 FWK, In Person Term Based; 3-6 cr.
59835 019 FWK, In Person Term Based; 3-6 cr.
59836 020 FWK, In Person Term Based; 3-6 cr.

7522 Plastic & Reconstructive Surgery

(H-N only;)
58214 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68605 002 ROT, In Person Term Based; ; 4 cr.
68606 003 ROT, In Person Term Based; ; 4 cr.
68607 004 ROT, In Person Term Based; ; 4 cr.

7523 Colon and Rectal Surgery

(H-N only;)
58218 001 ROT, In Person Term Based; 4 cr.
68608 002 ROT, In Person Term Based; ; 4 cr.
68609 003 ROT, In Person Term Based; ; 4 cr.
68610 004 ROT, In Person Term Based; ; 4 cr.

7524 Externship in Outpatient and Ambulatory Surgery

(H-N or Audit; Prereq: instr consent)
58385 001 ROT, 00:00-00:00 , , In Person Term Based; 3 cr.

7525 Cardiovascular and Thoracic Surgery

(H-N only;)
58536 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68611 002 ROT, In Person Term Based; ; 4 cr.
68612 003 ROT, In Person Term Based; ; 4 cr.
68613 004 ROT, In Person Term Based; ; 4 cr.

7526 Pediatric Surgery

(H-N only;)
58453 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
68614 002 ROT, In Person Term Based; ; 4 cr.
68615 003 ROT, In Person Term Based; ; 4 cr.
68616 004 ROT, In Person Term Based; ; 4 cr.

8200 Clinical Surgical Problems in Management

(A-F or Audit; Prereq: Grad surg major)
58244 002 FWK, 00:00-00:00 , , In Person Term Based; 3 cr.

8201 Surgery Roentgenological Pathology Conference

(A-F or Audit; Prereq: Grad surg major)
58245 002 LEC, 00:00-00:00 , , In Person Term Based; 1 cr.

8202 Surgical Research

(A-F or Audit; Prereq: Grad surg major)
58246 002 IND, 00:00-00:00 , , In Person Term Based; 3 cr.
58247 003 IND, 00:00-00:00 , , In Person Term Based; 3 cr.

8203 Surgery Complications and Research Conference

(A-F or Audit; Prereq: Grad surg major)
58248 002 LEC, In Person Term Based; 1 cr.

8207 Transplantation Conference

(A-F or Audit; Prereq: Grad surg major)

58249 002 LEC, 00:00-00:00 , , In Person Term Based; 1 cr.

8293 Applied Statistics

(S-N or Audit; Prereq: Grad student in [surgery or experimental surgery or health sciences] or)
58436 001 IND, 00:00-00:00 , , In Person Term Based;
Angelika Gruessner ; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
58280 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
58289 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
58298 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])
58311 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
58322 001 IND, In Person Term Based; 1-24 cr.

8990 Topics in Pancreatology

(A-F only;)
70531 001 DIS, In Person Term Based; 1-4 cr.

Sustainability Studies (SUST)

3003 Sustainable People, Sustainable Planet

(Student Option; Prereq: Soph or jr or srENV)
53286 001 LEC, 9:45-11:00 TTh, Blegen Hall 317, In Person Term Based; Kimberly Byrd ; 3 cr.

3017 Environmental Justice

(A-F only; DSJ)
69852 001 LEC, 13:00-14:15 MW, Hanson Hall 1-109, In Person Term Based; Michelle Garvey ; 3 cr.

4004 Sustainable Communities

(A-F only; Prereq: [3003 or GLOS 3304, [jr or sr] in sustainability studies minor] or instr consent)
53283 001 LEC, 17:45-19:15 MW, McNeal Hall 10, In Person Term Based; Amir Nadav ; 3 cr.

4096 Sustainability Internship

(A-F only; Prereq: Familiarity with sustainability concepts through academic work or other experiences)
69537 001 DIS, 16:00-17:30 Th, Lind Hall 325, In Person Term Based; Megan Voorhees ; 2-4 cr.

Sustainable Agricultural Syst (SAGR)

4096 Professional Experience Program: Internship in Sustainable Agriculture

(S-N or Audit; Prereq: Undergraduate minor in sustainable agriculture)
53463 001 LEC, 00:00-00:00 , , In Person Term Based; Craig Sheaffer ; 1-3 cr.

8020 Field Experience in Sustainable Agriculture

(S-N or Audit; Prereq: Coursework in biological or social sciences that provides intro to ag practices or issues)
58298 001 FWK, 00:00-00:00 , , In Person Term Based; Craig Sheaffer ; 1-4 cr.

Sustainable Systems Management (SSM)

3301 Global Water Resource Use and Sustainability

(Student Option; ENV)
53498 001 LEC, Completely Online; Chris Lenhart, Gary Sands ; 3 cr.

4416 Building Testing and Diagnostics

(Student Option; Prereq: 4413)
53412 001 LEC, 13:15-14:55 F, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 SSM 5416; Marilou Cheple ; 2 cr.
53413 002 LAB, 15:05-16:15 F, Kaufert Laboratory 302, In Person Term Based; Meets With: 002 SSM 5416; Marilou Cheple ; 2 cr.

4504W Sustainable Products Systems Management

(A-F only; Prereq: Jr or Sr or instr consentWI)
53193 001 LEC, 8:45-10:00 MW, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 SSM 5504; Omar Espinoza ; 3 cr.

4506W Sustainable Systems Management Capstone

(A-F only; Prereq: ESPM 3603 concurrent registration is required (or allowed) in Major seniors within two semesters of graduation.WI)
53499 011 DIS, 14:15-17:15 W, Biosystems & Ag Eng Bldg 308, In Person Term Based; Omar Espinoza, Natalie Hunt ; 3 cr.

5416 Building Testing & Diagnostics

(Student Option; Prereq: Grad student or instr consent)
53414 001 LEC, 13:15-14:55 F, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 SSM 4416; Marilou Cheple ; 2 cr.
53415 002 LAB, 15:05-16:15 F, Kaufert Laboratory 302, In Person Term Based; Meets With: 002 SSM 4416; Marilou Cheple ; 2 cr.

5504 Sustainable Products Systems Management

(A-F only;)
53197 001 LEC, 8:45-10:00 MW, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 SSM 4504W; Omar Espinoza ; 3 cr.

Swahili (SWAH)

1222 Beginning Swahili II

(Student Option; Prereq: 1221 or equiv)
50435 001 LEC, 12:20-13:10 MTWThF, Blegen Hall 210, In Person Term Based; Meets With: 001 SWAH 4222; Angaluki Muaka ; 5 cr.
50446 002 LEC, 18:00-20:30 TTh, Blegen Hall 430, In Person Term Based; Meets With: 002 SWAH 4222; Angaluki Muaka ; 5 cr.

3226 Intermediate Swahili II

(Student Option; Prereq: 3225 or equiv)
50919 001 LEC, 14:30-17:00 TTh, Carlson School of Mgmt L-126, In Person Term Based; Meets With: 001 SWAH 4226; Angaluki Muaka ; 5 cr.

4222 Beginning Swahili for Graduate

Research II
(Student Option;)
50458 001 LEC, 12:20-13:10 MTWThF, Blegen Hall 210, In Person Term Based; Meets With: 001 SWAH 1222; Angaluki Muaka ; 5 cr.
50459 002 LEC, 18:00-20:30 TTh, Blegen Hall 430, In Person Term Based; Meets With: 002 SWAH 1222; Angaluki Muaka ; 5 cr.

4226 Intermediate Swahili for Graduate

Research II
(Student Option; Prereq: 4225 or equiv)
50825 001 LEC, 14:30-17:00 TTh, Carlson School of Mgmt L-126, In Person Term Based; Meets With: 001 SWAH 3226; Angaluki Muaka ; 5 cr.

Swedish (SWED)

1002 Beginning Swedish

(Student Option; Prereq: 1001)
49039 001 DIS, 11:15-12:05 MTWThF, Folwell Hall 104, In Person Term Based; Meets With: 001 SWED 4002; Jacqueline Listemaa ; 5 cr.

49395 002 DIS, 16:40-18:05 MTTh, Folwell Hall 3, In Person Term Based; Meets With: 002 SWED 4002; Jacqueline Listemaa ; 5 cr.

1004 Intermediate Swedish

(Student Option; Prereq: 1003)
51635 001 DIS, 13:25-14:15 MTWThF, Folwell Hall 32, In Person Term Based; Meets With: 001 SWED 4004; Lena Norrman ; 5 cr.

4002 Beginning Swedish for Graduate Research

(Student Option;)
49392 001 DIS, 11:15-12:05 MTWThF, Folwell Hall 104, In Person Term Based; Meets With: 001 SWED 1002; Jacqueline Listemaa ; 5 cr.
49396 002 DIS, 16:40-18:05 MTTh, Folwell Hall 3, In Person Term Based; Meets With: 002 SWED 1002; Jacqueline Listemaa ; 5 cr.

4004 Intermediate Swedish for Graduate Research

(Student Option;)
51636 001 DIS, 13:25-14:15 MTWThF, Folwell Hall 32, In Person Term Based; Meets With: 001 SWED 1004; Lena Norrman ; 5 cr.

TMD & Orofacial Pain (TMDP)

8441 Seminar in Temporomandibular Disorders & Orofacial Pain

(A-F or Audit;)
53592 001 LEC, In Person Term Based; 1 cr.

8442 Advanced Clinical Temporomandibular Disorders and Orofacial Pain

(A-F or Audit; Prereq: Participation in TMJ and orofacial pain advanced education program)
53593 001 FWK, In Person Term Based; 1-4 cr.

Theatre Arts (TH)

1101V Honors Section: Introduction to the Theater

(A-F only; Prereq: Honors studentAH,WI)
49802 001 LEC, 13:25-15:20 M, West Bank Skyway 20, In Person Term Based; Meets With: 001 TH 1101W; Charles Adams ; 3 cr.
49803 081 DIS, 13:25-15:20 W, Rarig Center 45, In Person Term Based; Elizabeth Rickard ; 3 cr.

1101W Introduction to the Theatre

(Student Option; AH,WI)
49435 001 LEC, 13:25-15:20 M, West Bank Skyway 20, In Person Term Based; Meets With: 001 TH 1101V; Charles Adams ; 3 cr.
49516 002 DIS, 13:25-15:20 W, Rarig Center 64, In Person Term Based; 3 cr.
49517 003 DIS, 13:25-15:20 F, Rarig Center 45, In Person Term Based; Natalie Dollison ; 3 cr.
49518 004 DIS, 13:25-15:20 F, Rarig Center 64, In Person Term Based; Elizabeth Rickard ; 3 cr.

1301 Acting/Non-Majors

(Student Option;)
49436 001 LEC, 18:00-21:00 M, Rarig Center 10, In Person Term Based; T. Mychael Rambo ; 3 cr.
51791 002 LEC, 9:05-11:00 MW, Rarig Center 10, In Person Term Based; Christian Bell ; 3 cr.

1321 Beginning Acting: Fundamentals of Performance

(Student Option; Prereq: 1101 or concurrent registration is required (or allowed) in 1101)
49010 002 LAB, 11:15-13:10 MW, Rarig Center 20, In Person Term Based; Luverne Seifert ; 3 cr.
49941 001 LAB, 11:15-13:10 MW, Rarig Center 10, In Person Term Based; Kym Longhi ; 3 cr.

1322 Creating the Performance

(Student Option; Prereq: 1321 or concurrent registration is required (or allowed) in 1321 or 1501 or concurrent registration is required (or allowed) in 1501)
50973 001 LAB, 13:25-15:20 TTh, Rarig Center 506 - Studio A, In Person Term Based; Lisa Channer ; 3 cr.
50974 002 LAB, 13:25-15:20 TTh, Rarig Center 90, In Person Term Based; Michael Sommers ; 3 cr.

1361 Singing for Musical Theatre

(A-F or Audit;)
52479 001 LEC, 9:05-11:00 TTh, Rarig Center 506 - Studio A, In Person Term Based; Elizabeth Nash, Dawn Baker ; 3 cr.

1381 New Voices

(S-N only; Prereq: [Fr or transfer] student from BFA actor training or BA or BFA dance or BA theater)
50991 001 LAB, 19:00-22:30 MTWThF, Rarig Center 20, In Person Term Based; Kym Longhi ; 1 cr.
52121 002 LAB, 11:00-17:00 Sa, Room TBA, In Person Term Based; Deborah Pearson ; 1 cr.

1395 BFA Acting I

(A-F or Audit; Prereq: 1391)
50074 001 LAB, 15:45-18:00 M, Guthrie Theater, Room 1, 12:20-14:15 F, Rarig Center 20, 16:40-17:30 TTh, Rarig Center 20, 13:25-16:25 TTh, Rarig Center 20, In Person Term Based; Steve Cardamone, Bruce Roach ; 3 cr.

1396 BFA Voice and Speech II

(A-F or Audit; Prereq: 1392)
50075 001 LAB, 14:30-17:30 F, Rarig Center 10, 15:35-17:30 W, Rarig Center 10, In Person Term Based; Lucinda Holshue ; 2 cr.

1397 BFA Movement II

(A-F or Audit; Prereq: 1393)
50076 001 LAB, 11:15-13:10 T, Rarig Center 506 - Studio A, 13:25-15:20 M, Guthrie Theater, Room 2, 11:15-13:10 Th, Rarig Center 20, 13:25-15:20 W, Rarig Center 10, In Person Term Based; Margaret Emery, Sean Emery, Ted Roseen ; 2 cr.

1501 Introduction to Design and Technology for Live Performance

(A-F only; Prereq: 1101 or concurrent registration is required (or allowed) in 1101)
50848 001 LEC, 11:15-13:10 TTh, Rarig Center 210, In Person Term Based; 3 cr.
69221 002 LAB, 14:00-18:00 M, Room TBA, In Person Term Based; Jennifer O'Malley ; 3 cr.
69231 003 LAB, 14:00-18:00 T, Room TBA, In Person Term Based; Jennifer O'Malley ; 3 cr.
69232 004 LAB, 14:00-18:00 W, Room TBA, In Person Term Based; Jennifer O'Malley ; 3 cr.
69233 005 LAB, 14:00-18:00 Th, Room TBA, In Person Term Based; Jennifer O'Malley ; 3 cr.
69234 006 LAB, 14:00-18:00 F, Room TBA, In Person Term Based; Jennifer O'Malley ; 3 cr.
69235 007 LAB, In Person Term Based; Christine Swartwout ; 3 cr.

1915 The Dynamic History of Musical Theatre: From The Fairy Queen to Les Mis to Hamilton

(Student Option No Audit;)
68147 001 DIS, 9:05-11:00 MW, Hubert H. Humphrey School 20, In Person Term Based; Elizabeth Nash ; 3 cr.

2395 BFA Acting IV

(A-F or Audit; Prereq: BFA-Acting sophomore)
50088 001 LAB, 15:00-17:30 M, Guthrie Theater, Room 1, 13:25-15:20 T, Rarig Center 10, 12:00-17:00 Sa, Room TBA, 12:20-14:15 F, Rarig Center 10, 19:30-22:30 MTWThF, Room TBA, 13:25-17:30 W, Rarig Center 20, In Person Term Based; Steve Cardamone ; 3 cr.

2396 BFA Voice and Speech IV

(A-F or Audit; Prereq: BFA-acting, sophomore)
50077 001 LAB, 14:30-17:30 F, Rarig Center 20, 15:35-18:00 TTh, Rarig Center 10, In Person Term Based; DArcy Smith, Andrew Cooke ; 2 cr.

2397 BFA Movement IV

(A-F or Audit; Prereq: BFA-acting sophomore)
50078 001 LAB, 13:25-15:20 Th, Rarig Center 10, 11:15-13:10 MW, Rarig Center 506 - Studio A, In Person Term Based; Brian Sostek, Karla Grotting, Marcella Lorca, Randolph Reyes, Deborah Pearson ; 2 cr.

3100 Theatre Practicum

(S-N or Audit;)
49011 001 LAB, 14:00-18:00 M, Room TBA, In Person Term Based; Christine Swartwout ; 1 cr.
67056 002 LAB, 14:00-18:00 T, Room TBA, In Person Term Based; Christine Swartwout ; 1 cr.
67057 003 LAB, 14:00-18:00 W, Room TBA, In Person Term Based; Christine Swartwout ; 1 cr.
67058 004 LAB, 14:00-18:00 Th, Room TBA, In Person Term Based; Christine Swartwout ; 1 cr.

67059 005 LAB, 14:00-18:00 F, Room TBA, In Person Term Based; Christine Swartwout ; 1 cr.
67060 006 LAB, In Person Term Based; Christine Swartwout ; 1 cr.

3120 Theatre: Theory and Practice

(Student Option; Prereq: 1101)
49942 001 LEC, 13:25-15:20 MW, Blegen Hall 225, In Person Term Based; Jacob Rorem ; 3 cr.

3152 Global Avant-Gardes: Theatre, Music, Modernity

(Student Option;)
69675 001 LEC, 13:25-15:20 MW, Blegen Hall 5, In Person Term Based; Sonali Pahwa ; 3 cr.

3172 History of the Theatre: Age of Enlightenment to Present

(Student Option; Prereq: Th major or instr consent)
50140 001 LEC, 11:15-13:10 TTh, Blegen Hall 255, In Person Term Based; David Melendez ; 3 cr.

3322 Advanced Techniques for Characterization

(Student Option; Prereq: 3321)
67063 001 LAB, 15:35-17:30 TTh, Rarig Center 90, In Person Term Based; 3 cr.

3330 Physical Approaches to Acting

(Student Option; Prereq: 1322, [3314 or concurrent registration is required (or allowed) in 3314], audition, instr consent)
50191 001 LAB, 9:05-11:00 MW, Rarig Center 90, In Person Term Based; Kym Longhi ; 3 cr.

3370 BA Mentoring

(A-F only;)
51626 001 LAB, 15:35-17:30 M, Rarig Center 506 - Studio A, In Person Term Based; Luverne Seifert ; 1 cr.
51627 002 LAB, 15:35-17:30 M, Rarig Center 630, In Person Term Based; 1 cr.
51628 003 LAB, 15:35-17:30 M, Rarig Center 90, In Person Term Based; Michael Sommers ; 1 cr.
51629 004 LAB, 11:15-13:10 TTh, Rarig Center 90, In Person Term Based; Lisa Channer ; 1 cr.

3395 BFA Intensive I

(A-F or Audit; Prereq: BFA-acting jr)
50079 001 LAB, 13:25-17:30 TThF, Rarig Center 630, 14:30-17:00 M, Guthrie Theater, Room 2, In Person Term Based; Steve Cardamone, DArcy Smith ; 2 cr.

3398 BFA Rehearsal & Performance I

(A-F or Audit; Prereq: BFA-acting jr)
50080 001 LAB, 11:00-17:00 Sa, Room TBA, 19:30-22:30 TWThF, Room TBA, In Person Term Based; Deborah Pearson ; 2 cr.

3399 BFA Rehearsal and Performance II

(A-F or Audit; Prereq: BFA-acting jr)
50081 001 LAB, 11:00-17:00 Sa, Room TBA, 19:30-22:30 TWThF, Room TBA, In Person Term Based; Deborah Pearson ; 2 cr.

3531 Introduction to Theatrical Costume Design

(Student Option; Prereq: TH 3571)
67065 001 LEC, 13:25-15:20 TTh, Rarig Center 275, In Person Term Based; Matthew Lefebvre ; 3 cr.

3541 Introduction to Stage Lighting Design

(Student Option; Prereq: 3571)
67066 001 LEC, 9:05-11:00 TTh, Rarig Center 210, In Person Term Based; Ryan Connealy ; 3 cr.

3571 Introduction to Stage Technology

(A-F only; Prereq: 1501)
50847 001 LEC, 11:15-13:10 MW, Rarig Center 185, 11:15-13:10 MW, Rarig Center 210, In Person Term Based; Kathleen McCarron, Bill Healey, Montana Johnson, Zeb Hults ; 3 cr.

3950 Topics in Theatre

(Student Option;)
69293 001 LEC, 9:05-12:05 F, Hubert H. Humphrey School 15, In Person Term Based; Michael Sommers ; 1-4 cr.

3993 Directed Study

(Student Option; Prereq: 6 Th cr, instr consent, dept consent, college consent)
50133 001 IND, 00:00-00:00 , Room TBA, In Person Term Based; 1-6 cr.

4115 Intermediate Playwriting

(Student Option; Prereq: 3115 or [writing sample, instr consent])
67067 001 LEC, 9:05-12:05 F, Carlson School of Mgmt 1-122, In Person Term Based; Kira Obolensky ; 3 cr.

4322 Acting for the Camera

(Student Option; Prereq: 1301 or 3321)
67068 001 LAB, 13:25-15:20 TTh, Room TBA, In Person Term Based; Shirley Diercks, Leigha Horton, Matthew Anderson ; 3 cr.

4380 Creative Collaboration

(Student Option; Prereq: Audition, interview, instr consent)
69277 001 LAB, 19:00-22:30 MTWThF, Rarig Center 90, In Person Term Based; Talvin Wilks ; 1-3 cr.
69294 002 LAB, 19:00-22:30 MTWThF, Rarig Center 90, In Person Term Based; Jeremy Wilhelm ; 1-3 cr.

4395 BFA Intensive III

(A-F or Audit; Prereq: BFA-acting sr)
50082 001 LAB, 14:30-17:30 F, Rarig Center 506 - Studio A, 14:30-17:30 MW, Guthrie Theater, Room 3, In Person Term Based; 2 cr.

4398 BFA Rehearsal and Performance V

(A-F or Audit; Prereq: BFA-acting sr)
50083 001 LAB, 11:00-17:00 Sa, Room TBA, 19:30-22:30 MTWThF, Room TBA, In Person Term Based; 2 cr.

4399 BFA Rehearsal and Performance VI

(A-F or Audit; Prereq: BFA-acting sr)
50084 001 LAB, 11:00-17:00 Sa, Room TBA, 19:30-22:30 MTWThF, Room TBA, In Person Term Based; 2 cr.

4532 Makeup for the Actor

(Student Option;)
50984 001 LAB, 9:05-12:05 F, Rarig Center 64, In Person Term Based; Theresa Bundick ; 2 cr.

4901 Senior Seminar

(S-N or Audit; Prereq: Sr, [Th or Dnce major])
50447 001 IND, 00:00-00:00 , Room TBA, In Person Term Based; Kym Longhi, Rye Gentleman ; 2 cr.

4905H Honors: Tutorial Seminar in Theatre Arts

(A-F only; Prereq: Credit will not be granted if credit has been received for: 4905; honors, theatre arts, dept consent; limit [2 cr for [cum laude or magna cum laude], 4 cr for summa cum laude])
49052 001 IND, 00:00-00:00 , Room TBA, In Person Term Based; Margaret Werry ; 2-4 cr.

5100 Theatre Practicum

(Student Option; Prereq: instr consent, dept consent; 4 cr of 3100 for undergrads)
49012 001 FWK, 00:00-00:00 , Room TBA, In Person Term Based; 1-4 cr.

5181W Blacks in American Theatre

(Student Option; WI)
67069 001 DIS, 15:35-17:30 TTh, Blegen Hall 105, In Person Term Based; Talvin Wilks ; 3 cr.

5330 Comedy: Advanced Physical Performance Studio

(A-F only; Prereq: 3330, audition)
50809 001 LAB, 11:15-13:10 MW, Rarig Center 90, In Person Term Based; Robert Rosen ; 3 cr.

5500 Theatre Design Practicum

(Student Option; Prereq: Th 3521, 3531, or 3541)
49013 001 FWK, 00:00-00:00 , Room TBA, In Person Term Based; Matthew Lefebvre, Marcus Dilliard, Chelsea Masteller Warren ; 1-3 cr.

5520 Scene Design

(Student Option; Prereq: 3521)
67070 001 LAB, 11:15-13:10 TTh, Rarig Center 275, In Person Term Based; Chelsea Masteller Warren ; 3 cr.

5570 Properties/Scenery Technology

(Student Option; Prereq: 3515 or grad or instr consent)
52482 001 FWK, 8:00-11:00 TTh, Rarig Center 130, In Person Term Based; Angelique Powers ; 1-3 cr.
68792 002 FWK, 9:05-11:00 MW, Rarig Center 275, In Person Term Based; Chelsea Masteller Warren ; 1-3 cr.

5580 Costume Technology

(Student Option; Prereq: 3571 or grad or instr consent)
69901 001 LEC, 9:05-11:00 MW, Rarig Center 230, In Person Term Based; Susan Binder-Pettigrew ; 3 cr.

5711 Advanced Stage Direction

(Student Option; Prereq: [4711, instr consent] or grad student)

67072 001 LAB, 11:15-13:10 TTh, Rarig Center 90, In Person Term Based; Lisa Channer ; 3 cr.

5760 Advanced Stage Management

(Student Option; Prereq: 5716 or concurrent registration is required (or allowed) in 5716, instr consent; [4 cr max for undergrads])

51746 001 FWK, 00:00-00:00 , Room TBA, In Person Term Based; Christine Swartwout ; 2 cr.

5950 Topics in Theatre

(Student Option;)

69252 001 LEC, 11:15-13:10 MW, Rarig Center 275, In Person Term Based; Matthew Lefebvre ; 1-4 cr.
69488 002 LEC, 9:05-11:00 TTh, Rarig Center 90, In Person Term Based; Talvin Wilks ; 1-4 cr.**5993 Directed Study**

(Student Option; Prereq: 6 Th cr, instr consent, dept consent, college consent.)

49014 001 IND, 00:00-00:00 , Room TBA, In Person Term Based; 1-5 cr.

8100 Theatre Practicum

(Student Option; Prereq: instr consent, dept consent)

49015 001 FWK, 00:00-00:00 , Room TBA, In Person Term Based; 1-4 cr.

8115 History and Theory of Western Theatre: 20th Century Through World War II

(Student Option;)

69009 001 LEC, 9:05-12:05 F, Rarig Center 550B, In Person Term Based; Sonali Pahwa ; 3 cr.

8120 Seminar

(Student Option;)

51725 001 LEC, 11:15-13:10 T, Rarig Center 550B, In Person Term Based; Cindy Garcia ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

49559 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

49581 001 IND, In Person Term Based; 1 cr.

8500 Theatre Design Practicum

(Student Option; Prereq: instr consent, dept consent)

49016 001 FWK, 00:00-00:00 , Room TBA, In Person Term Based; 1-3 cr.

8510 Professional Design Workshop

(A-F only; Prereq: MFA candidate)

51625 001 DIS, 9:00-13:00 F, Blegen Hall 140, In Person Term Based; Marcus Dillard ; 1-3 cr.

8590 Theatre Technology Practicum

(Student Option; Prereq: instr consent, dept consent)

49017 001 FWK, 00:00-00:00 , Room TBA, In Person Term Based; 1-3 cr.

8666 Doctoral Pre-Thesis Credits(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
49605 001 IND, In Person Term Based; 1-6 cr.**8777 Thesis Credits: Master's**

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

49641 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

49656 001 IND, In Person Term Based; 1-24 cr.

8980 Internship

(Student Option; Prereq: instr consent, dept consent)

49019 001 FWK, 00:00-00:00 , Room TBA, In Person Term Based; 1-5 cr.

8990 MFA Creative Thesis(Student Option; Prereq: instr consent, dept consent)
49018 001 IND, 00:00-00:00 , Room TBA, In Person Term Based; 3-4 cr.**8994 Directed Research**(Student Option; Prereq: instr consent, dept consent)
49020 001 IND, 00:00-00:00 , Room TBA, In Person Term Based; 1-5 cr.**Therapeutic Radiology (TRAD)****7505 Introduction to Radiation Oncology**

(H-N only;)

58383 022 ROT, 00:00-00:00 , , In Person Term Based; Chung Lee ; 2 cr.

59103 012 ROT, In Person Term Based; 2 cr.

59104 021 ROT, In Person Term Based; 2 cr.

59105 011 ROT, In Person Term Based; 2 cr.

59106 031 ROT, In Person Term Based; 2 cr.

59107 032 ROT, In Person Term Based; 2 cr.

68627 041 ROT, In Person Term Based; ; 2 cr.

68628 042 ROT, In Person Term Based; ; 2 cr.

7507 Advanced Radiation Oncology

(H-N only;)

59108 001 ROT, In Person Term Based; 4 cr.

68617 002 ROT, In Person Term Based; ; 4 cr.

68618 003 ROT, In Person Term Based; ; 4 cr.

68619 004 ROT, In Person Term Based; ; 4 cr.

7510 Radiation Oncology Research

(H-N only;)

59110 099 IND, In Person Term Based; 8 cr.

Toledo International Program (TLDO)**Toxicology (TXCL)****8012 Advanced Toxicology I**

(A-F or Audit; Prereq: 5011 or BioC 4331, PubH 5104 or instr consent)

45347 001 LEC, In Person Term Based; 3 cr.

8100 Investigative Toxicology

(A-F or Audit; Prereq: 8013 or instr consent)

45345 001 LEC, 14:30-15:30 W, No Room Required, In Person Term Based; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

45335 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

45337 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)
45339 001 IND, In Person Term Based; 1-6 cr.**8777 Thesis Credits: Master's**

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

45341 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

45343 001 IND, In Person Term Based; 1-24 cr.

Translation and Interpreting (TRIN)**900 Special Education for Interpreters**

(S-N only;)

70239 301 LEC, Completely Online; Meets With: 301 TRIN 1901; Betty Tapias-Heinrich ; 0 cr.

1901 Special Education Terms and Concepts for Interpreters

(Student Option;)

70238 301 LEC, Completely Online; Meets With: 301 TRIN 900; Betty Tapias-Heinrich ; 3 cr.

3002 Intermediate Translation

(Student Option; Prereq: 3001)

67177 001 LEC, 18:10-21:00 W, Folwell Hall 119, In Person Term Based; Claudia Giannini ; 3 cr.

3005 Principles of Translation

(Student Option; Prereq: Fluent in English, proficient in a second language, not in CCE certificate prog in interpreting; basic knowledge of English grammar recommended)

67178 001 LEC, 18:10-21:00 M, Civil Engineering Bldg 214, In Person Term Based; Laurence Bogoslaw ; 3 cr.

3101 Introduction to Interpreting

(Student Option; Prereq: high level of proficiency in spoken English and another language; 3001 recommended)

60936 001 LEC, 18:10-21:00 T, Folwell Hall 105, In Person Term Based; Scott Homler ; 3 cr.

3102 Consecutive Interpreting

(Student Option; Prereq: 3101, high level of proficiency in [spoken English, another language])

60871 001 LEC, 18:10-21:00 Th, Folwell Hall 118, In Person Term Based; Scott Homler ; 3 cr.

4201 Interpreting in Health Care Settings

(A-F or Audit; Prereq: 1201, 3102)

60924 001 LEC, 18:10-21:00 W, Folwell Hall 118, In Person Term Based; 3 cr.

4301 Interpreting in Legal Settings

(A-F or Audit; Prereq: 1301, 3102)

67175 001 LEC, 18:10-21:00 T, Amundson Hall 104, In Person Term Based; Nancy Stone ; 3 cr.

5993 Directed Study

(Student Option;)

60903 001 IND, 00:00-00:00 , , In Person Term Based; Scott Homler ; 1-3 cr.

University College (UC)**3201 Web Designer Introduction**

(Student Option;)

60902 001 LEC, 17:00-21:00 T, Bruininks Hall 432A, In Person Term Based; David Husom ; 4 cr.

60906 002 LEC, 17:00-21:00 W, Bruininks Hall 432A, In Person Term Based; David Husom ; 4 cr.

4301 Perspectives: Interrelationships of People and Animals in Society Today

(Student Option;)

60868 001 LEC, 00:00-00:00 , , In Person Term Based; Vicki Wilke ; 2 cr.

5075 Directed Study

(Student Option;)

61152 001 LEC, Independent/Directed Study; David Husom ; 1-8 cr.

61153 002 LEC, Independent/Directed Study; David Husom ; 1-8 cr.

61154 003 LEC, Independent/Directed Study; David Husom ; 1-8 cr.

Urban Studies (URBS)**1001W Introduction to Urban Studies: The Complexity of Metropolitan Life**

(A-F or Audit; WI)

50183 001 LEC, 16:15-17:30 MW, Anderson Hall 350, In Person Term Based; Meets With: 001 URBS 3001W; Mark Brinda ; 3 cr.

3001W Introduction to Urban Studies: The Complexity of Metropolitan Life

(A-F or Audit; WI)

51250 001 LEC, 16:15-17:30 MW, Anderson Hall 350, In Person Term Based; Meets With: 001 URBS 1001W; Mark Brinda ; 3 cr.

3202 Urban Studies Colloquium

(A-F or Audit;)

49116 001 DIS, 18:00-20:00 T, Blegen Hall 115, In Person Term Based; Jon Commers ; 1 cr.
 49718 002 DIS, 18:00-20:00 Th, Blegen Hall 105, In Person Term Based; Marguerite McMonigal ; 1 cr.
 49959 003 DIS, 17:30-19:30 T, Blegen Hall 115, In Person Term Based; ; 1 cr.

3500 Urban Studies Workshop

(A-F or Audit; Prereq: instr consent)
 68342 001 FWK, 15:00-17:30 W, Blegen Hall 330, In Person Term Based; Samuel Ero-phillips ; 3 cr.
 68343 002 FWK, 18:00-20:30 W, Blegen Hall 210, In Person Term Based; Kelly Hoffman, Erin Jerabek ; 3 cr.

3751 Understanding the Urban Environment

(A-F or Audit; ENV)
 49118 001 LEC, 13:00-14:15 TTh, Hanson Hall 1-111, In Person Term Based; Paula Pentel ; 3 cr.

3771 Fundamentals of Transit

(A-F only;)
 50188 001 LEC, 12:20-15:20 F, Blegen Hall 110, In Person Term Based; Francis Loetterle ; 3 cr.

3861 Financing Cities

(A-F only;)
 68341 001 LEC, 17:30-20:30 M, Blegen Hall 210, In Person Term Based; 3 cr.

3900 Urban Studies Internship Seminar

(A-F or Audit; Prereq: Sr, internship placement, dept consent, instr consent)
 51001 001 FWK, 13:30-15:00 M, Social Sciences Building 278, In Person Term Based; Paula Pentel ; 2 cr.

3955W Senior Paper Seminar

(A-F or Audit; Prereq: dept consentWI)
 49119 001 LEC, 13:00-15:00 W, Anderson Hall 350, In Person Term Based; Roderick Squires ; 2 cr.

3993 Urban Studies Directed Study

(Student Option; Prereq UrbS majors, instr consent, dept consent.)
 49123 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

Urologic Surgery (UROL)

7200 Surgical Specialty: Urology

(P-N only;)
 58185 042 ROT, In Person Term Based; 2 cr.
 58186 011 ROT, In Person Term Based; 2 cr.
 58187 012 ROT, In Person Term Based; 2 cr.
 58188 021 ROT, In Person Term Based; 2 cr.
 58189 022 ROT, In Person Term Based; 2 cr.
 58190 031 ROT, In Person Term Based; 2 cr.
 58191 032 ROT, In Person Term Based; 2 cr.
 58192 041 ROT, In Person Term Based; 2 cr.

7252 Urological Conference

(No Grade Associated;)
 58356 001 LEC, In Person Term Based; 3 cr.

7253 Research in Urology

(No Grade Associated;)
 58575 001 LEC, In Person Term Based; 3 cr.

7400 Surgical Specialty: Urology Elective

(H-N or Audit;)
 58506 001 FWK, In Person Term Based; 2-4 cr.

7500 Advanced Urological Surgery

(H-N only;)
 58454 001 ROT, In Person Term Based; 4 cr.
 68620 002 ROT, In Person Term Based; 4 cr.
 68621 003 ROT, In Person Term Based; 4 cr.
 68622 004 ROT, In Person Term Based; 4 cr.

7503 Urologic Research

(H-N only;)
 58886 099 IND, In Person Term Based; 4-10 cr.

8254 Urological Seminar

(Student Option;)
 58357 001 LEC, In Person Term Based; 2 cr.

Veterinary & Biomedical Sci (VBS)

1001 Introduction to Biotechnology

(A-F or Audit; BIOL,TS)

45379 001 LEC, 12:50-13:40 MW, Veterinary Science 145, In Person Term Based; Pamela Skinner ; 4 cr.
 45380 002 LAB, 13:55-15:55 MW, Veterinary Science 325, In Person Term Based; Pamela Skinner ; 4 cr.

2032 General Microbiology With Laboratory

(A-F only; Prereq: One semester each of college chemistry, biology)
 45326 001 LEC, 9:35-10:25 MW, , Partially Online; Patricia Goodman-Mamula, Dawn Foster Hartnett ; 5 cr.
 45327 002 LAB, 9:30-11:30 TTh, Veterinary Science 325, In Person Term Based; Dawn Foster Hartnett, Patricia Goodman-Mamula ; 5 cr.
 45348 003 LAB, 12:00-14:00 TTh, Veterinary Science 325, In Person Term Based; Patricia Goodman-Mamula, Dawn Foster Hartnett ; 5 cr.
 45352 004 LAB, 14:30-16:30 TTh, Veterinary Science 325, In Person Term Based; Dawn Foster Hartnett, Patricia Goodman-Mamula ; 5 cr.

2100 Companion Animal Anatomy

(A-F only; Prereq: General Biology (e.g., BIOL 1009) is recommended)
 45377 001 LEC, 10:40-11:30 MW, Haecker Hall 205, In Person Term Based; Christina Clarkson ; 3 cr.
 45378 002 LAB, 13:55-15:50 F, Animal Science / Vet Med 40, In Person Term Based; Christina Clarkson ; 3 cr.

Veterinary Clinical Sciences (VCS)

4606 Small Animal Management

(A-F or Audit;)
 45351 001 LEC, In Person Term Based; Kristy Lashbaugh ; 3 cr.
 45498 002 DIS, In Person Term Based; Kristy Lashbaugh ; 3 cr.

Veterinary Medicine (CVM)

6000 Gopher Orientation and Leadership Experience

(S-N only; Prereq: Admission to veterinary program)
 45415 001 DIS, 13:00-14:50 Th, Animal Science / Vet Med 125, 10:00-11:50 T, Animal Science / Vet Med 125, 15:00-16:50 T, Animal Science / Vet Med 125, 13:00-15:00 F, Animal Science / Vet Med 125, In Person Term Based; Julie Churchill ; 2 cr.

6001 Global and Intercultural Opportunities

(S-N only;)
 45233 001 LEC, 00:00-00:00 , , In Person Term Based; Dominic Travis ; 0.5 cr.

6007 Global Perspectives and Intercultural Development

(S-N only;)
 68803 001 LEC, 12:00-13:00 Th, Animal Science / Vet Med 125, 12:00-12:50 Th, Animal Science / Vet Med 125, 12:00-12:50 Th, Animal Science / Vet Med 125, 12:00-12:50 Th, Animal Science / Vet Med 125, 12:00-12:50 Th, Animal Science / Vet Med 125, 12:00-12:50 Th, Animal Science / Vet Med 125, 12:00-12:50 Th, Animal Science / Vet Med 125, In Person Term Based; Karin Hamilton, ; 0.5 cr.

6137 Small Animal Clinical Nutrition

(A-F only; Prereq: 3rd or 4th yr DVM or instr consent)
 45521 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Julie Churchill ; 2 cr.

6222 Advanced Clinical Epidemiology

(A-F only;)
 68804 001 LEC, 15:00-16:50 F, Animal Science / Vet Med 135, 16:00-16:50 W, Animal Science / Vet Med 135, 15:00-16:50 W, Animal Science / Vet Med 135, 15:30-16:20 W, Animal Science / Vet Med 135, 16:00-16:50 TTh, Animal Science / Vet Med 135, 15:00-16:50 T, Animal Science / Vet Med 135, 16:00-16:50 T, Animal Science / Vet Med 135, 15:00-16:50 W, Animal Science / Vet Med 135, In Person Term Based; Kimberly VanderWaal, ; 1 cr.

6308 Lab Animal Medicine

(A-F only;)
 68188 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Angela Craig ; 2 cr.

6312 Veterinary Dental Rotation (SDen)

(A-F only; Prereq: DVM 3rd or 4th yr student or instr consent)
 45040 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
 45274 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
 45275 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
 45276 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
 68018 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
 68019 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
 68020 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
 68314 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.

6502 Necropsy

(S-N only; Prereq: DVM 3rd or 4th yr or instr consent)
 45216 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Arno Wuenschmann ; 2 cr.
 45258 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Arno Wuenschmann ; 2 cr.

6505 Topics course

(Student Option;)
 45062 027 LEC, 8:00-17:00 M, No Room Required, In Person Term Based; Kari Anderson ; 0-8 cr.
 70296 002 LEC, In Person Term Based; Laura Molgaard ; 0-8 cr.

6506 Directed Studies in Large Animal Medicine (DistL)

(S-N or Audit; Prereq: DVM 4th yr or instr consent)
 45167 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
 45168 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
 45169 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
 45170 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
 45172 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
 45173 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
 45174 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
 45228 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
 45407 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.

6507 Directed Studies in Small Animal Medicine (DistS)

(S-N or Audit; Prereq: DVM 4th yr or instr consent)
 45229 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
 45410 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.

6508 Directed Studies: Pathobiology (DistB)

(S-N or Audit; Prereq: DVM 4th yr or instr consent)
 45226 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
 45408 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.

6509 Directed Studies: Diagnostic Medicine (DistD)

(S-N or Audit; Prereq: DVM 4th yr or instr consent)
 45227 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
 45409 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.

6510 MPH Project: PHP

(S-N only; Prereq: DVM student or instr consent)
 45223 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Larissa Minicucci ; 1-3 cr.
 68285 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; 1-3 cr.

6512 Zoo and Wildlife Rounds

(S-N or Audit;)
 45397 001 DIS, 18:00-20:00 W, No Room Required, 18:00-19:50 W, No Room Required, 18:00-20:00 W, No Room Required, 18:00-20:00 W, No Room Required, In Person Term Based; Arno Wuenschmann ; 0.5 cr.

6515 Externship (Extern)**(S-N or Audit; Prereq: DVM 3rd or 4th yr or instr consent)**

45230 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
 45411 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.

6516 Field Experience in Public Health Practice**(S-N only; Prereq: DVM student or instr consent)**

45224 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Larissa Minicucci ; 0.5-8 cr.
 68278 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Larissa Minicucci ; 0.5-8 cr.

6520 Small Animal Theriogenology and Pediatrics**(A-F only;)**

45019 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Margaret Root Kustritz ; 1 cr.

6521 Avian & Exotic Medicine**(A-F only;)**

45519 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Michelle Willette ; 2 cr.
 45520 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Michelle Willette ; 2 cr.

6522 RaOI Large Animal Medicine**(Student Option;)**

67145 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 67249 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 67250 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 67251 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 67252 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 67253 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 67254 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 67255 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 67256 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 68208 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.

6523 Shelter Medicine Rotation at Other Institution**(A-F only;)**

45467 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45468 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45469 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45470 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45471 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45472 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45473 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45474 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45475 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 68218 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.

6524 Ambulatory Medicine Rotation at Other Institution**(A-F only;)**

45486 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45487 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45488 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45489 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45490 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45491 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45492 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.

45493 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45494 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 68215 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.

6525 Rotation at Other Institution (RAOI)**(S-N only; Prereq: DVM 4th yr or instr consent)**

45232 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
 45412 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.

6526 Dermatology Rotation at Other Institution**(A-F only; Prereq: DVM 3rd or 4th year or instr consent)**

45450 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45451 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45452 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45453 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45454 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45455 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45456 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45457 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45458 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 68217 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.

6527 Anesthesiology Rotation at Other Institution**(A-F only; Prereq: DVM 3rd or 4th year or instr consent)**

45459 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45460 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45461 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45462 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45463 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45464 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45465 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45466 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45476 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 68216 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.

6528 Radiology Rotation at Other Institution**(Student Option; Prereq: DVM 3rd or 4th year or instr consent)**

45231 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45413 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.

6529 Large Animal Surgery Rotation at Other Institution**(A-F only; Prereq: DVM 3rd or 4th year or instr consent)**

45477 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45478 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45479 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45480 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45481 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45482 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45483 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45484 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 45485 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
 68209 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.

6532 Clinical Laboratory Medicine (Labs)**(A-F only; Prereq: DVM 3rd or 4th yr or instr consent)**

45256 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Jill Schappa Faustich ; 2 cr.

6560 Public Health Issues and Veterinary Medicine Opportunities**(A-F only;)**

45398 001 LEC, 17:00-19:00 W, No Room Required, 17:00-19:00 W, No Room Required, 17:00-19:00 W, No Room Required, 17:00-19:00 W, No Room Required, 17:00-19:00 W, No Room Required, 17:00-19:00 W, No Room Required, 17:00-19:00 W, No Room Required, 17:00-19:00 W, No Room Required, In Person Term Based; Joni Scheffel, Joe Maple ; 1 cr.

6601 Small Animal Internal Medicine: (SAM A)**(Student Option; Prereq: DVM 3rd or 4th yr or instr consent)**

45001 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45002 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45003 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45004 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45005 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45006 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45007 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45008 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45009 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45010 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.

6602 Small Animal Internal Medicine: (SAM B)**(Student Option; Prereq: [6601, [DVM 3rd or 4th yr]] or instr consent)**

45011 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45012 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45013 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45014 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45015 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45016 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45017 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45018 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45445 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.
 45446 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Polzin ; 2 cr.

6605 Banfield Elective Clinical Rotation**(A-F only;)**

45281 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Lee ; 2 cr.
 45282 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Lee ; 2 cr.
 45283 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Lee ; 2 cr.
 45284 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Lee ; 2 cr.
 45285 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Lee ; 2 cr.
 45286 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Lee, Joe Maple ; 2 cr.
 45287 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Lee ; 2 cr.
 45288 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Lee ; 2 cr.
 45289 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; David Lee ; 2 cr.

6609 Emergency/Critical Care (ECC)**(A-F only; Prereq: Sr)**

45031 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kelly Tart ; 2 cr.
 45032 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kelly Tart ; 2 cr.

45033 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kelly Tart ; 2 cr.
 45034 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kelly Tart ; 2 cr.
 45035 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kelly Tart ; 2 cr.
 45036 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kelly Tart ; 2 cr.
 45037 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kelly Tart ; 2 cr.
 45038 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kelly Tart ; 2 cr.
 45039 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kelly Tart ; 2 cr.
 45250 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kelly Tart ; 2 cr.

6632 Dermatology (Derm)

(Student Option; Prereq: DVM 3rd or 4th yr or instr consent)

45085 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sheila Torres ; 2 cr.
 45086 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sheila Torres ; 2 cr.
 45087 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sheila Torres ; 2 cr.
 45280 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sheila Torres ; 2 cr.
 45504 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sheila Torres ; 2 cr.
 45506 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sheila Torres ; 2 cr.

6634 Ophthalmology

(Student Option; Prereq: DVM 3rd or 4th yr or instr consent)

45021 020 ROT, In Person Term Based; 2 cr.
 45023 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Michala Henriksen ; 2 cr.
 45024 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Michala Henriksen ; 2 cr.
 45027 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Michala Henriksen ; 2 cr.
 45028 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Michala Henriksen ; 2 cr.

6636 Cardiology

(Student Option; Prereq: DVM 4th yr or CVM grad or instr consent)

45069 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
 45070 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
 45071 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
 45072 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
 45073 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
 45074 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
 45075 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
 45076 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
 45248 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.

6644 Primary Care A

(Student Option;)

45077 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45078 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45079 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45080 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45081 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45082 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45083 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45084 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45251 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45302 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.

6648 Advanced Clinical Oncology Rotation

(Student Option; Prereq: DVM 3rd or 4th yr or grad student or instr consent)

45063 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.

45064 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
 45065 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
 45066 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
 45067 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
 45068 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
 45249 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
 45277 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
 45278 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
 45430 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.

6649 Primary Care B

(A-F only;)

45509 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45510 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45511 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45512 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45513 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45514 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45515 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45516 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 45517 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
 68175 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.

6651 Small Animal Ultrasound

(A-F only; Prereq: [3rd or 4th] yr DVM or instr consent)

45048 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
 45049 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
 45050 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
 45051 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
 45052 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
 68173 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.

6661 Neurology

(Student Option; Prereq: 3rd or 4th yr DVM or instr consent)

45221 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Alistair Mc Vey ; 2 cr.
 45222 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Alistair Mc Vey ; 2 cr.
 45259 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Alistair Mc Vey ; 2 cr.

6662 Comparative Anesthesiology (Anes)

(A-F only; Prereq: DVM 3rd or 4th yr)

45290 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
 45291 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
 45292 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
 45293 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
 45294 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
 45295 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
 45296 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
 45297 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
 45298 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
 45381 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.

6663 SA Surgery

(Student Option; Prereq: DVM 3rd or 4th yr or instr consent)

45254 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.

45306 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.
 45307 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.
 45308 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.
 45309 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.
 45310 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.
 45311 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.
 45312 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.
 45313 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.

6664 University of Minnesota: Spay and Neuter (UMSN)

(Student Option; Prereq: DVM 3rd or 4th yr or instr consent)

45299 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sara Herrlinger ; 2 cr.
 45300 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sara Herrlinger ; 2 cr.
 45301 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sara Herrlinger ; 2 cr.
 45428 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sara Herrlinger ; 2 cr.
 45429 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sara Herrlinger ; 2 cr.
 45441 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sara Herrlinger ; 2 cr.
 45443 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sara Herrlinger ; 2 cr.

6665 Small Animal Physical Rehabilitation

(A-F only;)

45260 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sandra Allweiler ; 2 cr.
 45324 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sandra Allweiler ; 2 cr.

6668 Small Animal Radiology (RAD)

(A-F only; Prereq: DVM 3rd or 4th yr or instr consent)

45041 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
 45042 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
 45043 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
 45044 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
 45045 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
 45046 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
 68171 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.

6669 Radiology: Mixed Animal

(A-F only; Prereq: DVM 3rd or 4th yr or instr consent)

45303 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
 45304 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
 45507 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.

6690 Integrative Medicine

(S-N only; Prereq: 2nd yr DVM student or instr consent)

45238 020 LEC, 8:00-17:00 Th, Animal Science / Vet Med 135, 13:00-16:50 F, Animal Science / Vet Med 135, In Person Term Based; Keum Hwa Choi ; 1 cr.

6691 Veterinary Acupuncture (AcPunct)

(Student Option; Prereq: [6690, [yr 3 or 4 DVM]] or instr consent)

45098 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Keum Hwa Choi ; 2 cr.
 45099 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Keum Hwa Choi ; 2 cr.
 45100 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Keum Hwa Choi ; 2 cr.
 45225 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Keum Hwa Choi ; 2 cr.
 45442 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Keum Hwa Choi ; 2 cr.
 45522 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Keum Hwa Choi ; 2 cr.
 68191 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Keum Hwa Choi ; 2 cr.

6711 Large Animal Medicine (LAM)

(Student Option; Prereq: DVM 3rd or 4th yr or instr consent)
 45220 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christie Ward ; 2 cr.
 45261 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christie Ward ; 2 cr.

6712 Equine Ambulatory Rotation (A-F only;)

45219 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kerry Kuhle ; 2 cr.
 45499 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kerry Kuhle ; 2 cr.
 68194 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kerry Kuhle ; 2 cr.
 68651 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kerry Kuhle ; 2 cr.

6715 Large Animal Surgery and Lameness (Student Option; Prereq: 3rd or 4th yr DVM student or instr consent)

45090 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Nicolas Ernst Castro ; 2 cr.
 45091 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Nicolas Ernst Castro ; 2 cr.
 45092 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Nicolas Ernst Castro ; 2 cr.
 45093 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Nicolas Ernst Castro ; 2 cr.
 45094 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Nicolas Ernst Castro ; 2 cr.
 45095 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Nicolas Ernst Castro ; 2 cr.
 45096 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Nicolas Ernst Castro ; 2 cr.
 45097 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Nicolas Ernst Castro ; 2 cr.
 45253 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Nicolas Ernst Castro ; 2 cr.
 45305 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Nicolas Ernst Castro ; 2 cr.

6733 Equine Dentistry and Nutrition (A-F only;)

45444 022 ROT, 8:00-17:00 MTWThF, Ben Pomeroy Ctr 202, In Person Term Based; Sara Wefel, Kerry Kuhle ; 2 cr.

6736 Equine Lameness and Podiatry (A-F only; Prereq: Intended for equine track or mixed track students)

45089 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Troy Trumble ; 2 cr.

6737 Equine Sports Medicine (S-N or Audit; Prereq: 6736)

45447 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Anna Firshman ; 2 cr.

6747 Equine Theriogenology (Student Option;)

45215 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Scott Madill ; 2 cr.
 68207 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Scott Madill ; 2 cr.

6789 Fresh Dairy Doe and Newborn Goat Kid Management (A-F only;)

45234 022 ROT, 8:00-17:00 , No Room Required, In Person Term Based; Whitney Knauer ; 2 cr.
 45245 024 ROT, 8:00-17:00 , No Room Required, In Person Term Based; Whitney Knauer ; 2 cr.
 45246 025 ROT, 8:00-17:00 MT, Ben Pomeroy Ctr 213, 8:00-17:00 MTWThF, No Room Required, 8:00-17:00 ThF, Ben Pomeroy Ctr 213, In Person Term Based; Whitney Knauer, ; 2 cr.

6792 Small Ruminant Health and Production Rotation (SmRu) (Student Option; Prereq: DVM 3rd or 4th yr or instr consent)

45217 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Whitney Knauer ; 2 cr.
 45495 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Whitney Knauer ; 2 cr.

6806 Food Animal Disease and Diagnostics (Student Option; Prereq: 3rd or 4th yr DVM student or instr consent)

45053 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Jeremy Schefers ; 2 cr.

6807 Food Animal Surgery & Anesthesia (A-F only;)

45518 019 ROT, 8:00-17:00 MTWThF, Ben Pomeroy Ctr 213, In Person Term Based; Erin Malone ; 2 cr.

6817 Bovine Theriogenology & Lameness Advanced

(A-F only;)
 45508 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Gerard Cramer, Rafael Bisinotto ; 2 cr.

6821 Dairy on Farm Clinical

(A-F only; Prereq: 3rd or 4th yr DVM student or instr consent)
 45496 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sandra Godden ; 2 cr.
 45497 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sandra Godden ; 2 cr.

6831 Overview of Dairy Production Medicine

(A-F only;)
 45235 020 ROT, 8:00-17:00 MTWThF, Ben Pomeroy Ctr 115, In Person Term Based; Gerard Cramer, Sandra Godden ; 2 cr.
 68250 002 ROT, 8:00-17:00 MTWThF, Ben Pomeroy Ctr 213, In Person Term Based; Gerard Cramer, Sandra Godden ; 2 cr.

6865 Introduction to Swine Production Medicine

(A-F only; Prereq: DVM student or instr consent)
 68807 001 LEC, 13:00-15:00 MT, Animal Science / Vet Med 125, 9:00-10:50 Th, No Room Required, 15:00-16:50 T, Animal Science / Vet Med 125, 8:00- 9:50 T, Animal Science / Vet Med 125, 10:00-11:50 Th, Animal Science / Vet Med 125, 14:00-15:50 W, No Room Required, In Person Term Based; Montserrat Torremorell ; 1 cr.

6883 Raptor

(Student Option; Prereq: 6497, DVM 3rd or 4th yr, instr consent)
 45383 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Michelle Willette ; 2 cr.
 45523 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Michelle Willette ; 2 cr.

6907 Professional Development II (S-N only;)

45389 001 LEC, 16:00-16:50 W, Animal Science / Vet Med 125, 8:00- 9:50 T, Animal Science / Vet Med 125, 9:00-9:50 Th, Animal Science / Vet Med 125, 10:00-11:50 F, Animal Science / Vet Med 125, 11:00-11:50 F, Animal Science / Vet Med 125, 10:00-12:00 TF, Animal Science / Vet Med 125, 12:00-18:00 F, No Room Required, 14:00-14:50 M, Animal Science / Vet Med 125, 8:00-8:50 T, Animal Science / Vet Med 125, 13:00-14:50 M, Animal Science / Vet Med 125, 13:00-15:00 M, Animal Science / Vet Med 125, 12:30-17:00 F, No Room Required, 12:30-17:00 T, No Room Required, 12:30-17:00 F, No Room Required, In Person Term Based; Andre Nault ; 1.5 cr.

6908 Anatomy II

(A-F only;)
 45390 001 LEC, 13:00-17:00 T, Animal Science / Vet Med 125, 13:00-14:50 W, Animal Science / Vet Med 125, 15:00-16:50 W, No Room Required, 13:00-17:00 TTh, Animal Science / Vet Med 125, 13:00-17:00 T, Animal Science / Vet Med 125, 16:00-16:50 Th, Animal Science / Vet Med 125, 13:00-14:00 W, Animal Science / Vet Med 125, 13:00-16:50 T, Animal Science / Vet Med 125, 13:00-14:50 W, Animal Science / Vet Med 125, 15:00-16:50 W, No Room Required, 13:00-16:00 Th, No Room Required, 13:00-14:50 T, Animal Science / Vet Med 125, 13:00-14:50 W, Animal Science / Vet Med 125, 15:00-16:50 W, No Room Required, 13:00-16:50 T, Animal Science / Vet Med 125, 13:00-17:00 M, Animal Science / Vet Med 125, 13:00-14:50 Th, Animal Science / Vet Med 125, In Person Term Based; Christina Clarkson ; 3 cr.

6909 Clinical Skills II

(S-N only;)
 45391 001 LEC, 13:00-16:00 M, Animal Science / Vet Med 125, 13:00-17:00 T, No Room Required, 10:00-11:50 Th, Animal Science / Vet Med 125, 13:00-17:00 F, No Room Required, 8:00-11:50 M, No Room Required, 13:00-17:00 Th, No Room Required, 13:00-15:00 WF, No Room Required, 10:00-11:50 F, Animal Science / Vet Med 125, 8:00-11:50 Th, No Room Required, 13:00-17:00 F, No Room Required, 10:00-11:50 M, Animal Science / Vet Med 125, 12:30-17:00 F, No Room Required, 13:00-16:50 TW, No Room Required, 8:00-11:50 M, Animal Science / Vet

Med 125, 12:00-16:50 M, Animal Science / Vet Med 125, In Person Term Based; Timothy Goldsmith ; 1 cr.

6910 Physiology II

(A-F only;)
 45392 001 LEC, 8:00-10:00 MWF, Animal Science / Vet Med 125, 8:00-10:00 TWF, Animal Science / Vet Med 125, 11:00-11:50 Th, Animal Science / Vet Med 125, 8:00- 9:00 F, Animal Science / Vet Med 125, 8:00-10:00 MTWF, Animal Science / Vet Med 125, 8:00-10:00 MWF, Animal Science / Vet Med 125, 8:00-10:00 MTWF, Animal Science / Vet Med 125, 8:00-10:00 W, Animal Science / Vet Med 125, 9:00-11:00 F, Animal Science / Vet Med 125, 8:00-10:00 M, Animal Science / Vet Med 125, 10:00-11:50 WF, Animal Science / Vet Med 125, 8:00-10:00 MWF, Animal Science / Vet Med 125, 10:00-11:50 F, Animal Science / Vet Med 125, 8:00-10:00 MWF, Animal Science / Vet Med 125, 10:00-11:50 MTF, Animal Science / Vet Med 125, In Person Term Based; Robert Washabau, VMD, PhD ; 5 cr.

6912 Basic Pathology

(A-F only;)
 45394 001 LEC, 9:00- 9:50 F, Animal Science / Vet Med 125, 13:00-15:00 M, Animal Science / Vet Med 125, 10:00-12:00 T, Animal Science / Vet Med 125, 13:00-15:00 Th, Animal Science / Vet Med 125, 13:00-15:00 MT, Animal Science / Vet Med 125, 13:00-15:00 MTh, Animal Science / Vet Med 125, 13:00-14:00 W, Animal Science / Vet Med 125, 13:00-15:50 Th, Animal Science / Vet Med 125, 13:00-14:50 MW, Animal Science / Vet Med 125, 13:00-16:00 Th, Animal Science / Vet Med 125, 13:00-15:00 M, Animal Science / Vet Med 125, 10:00-11:50 W, Animal Science / Vet Med 125, 13:00-15:00 M, Animal Science / Vet Med 125, 10:00-11:50 F, Animal Science / Vet Med 125, 10:00-11:50 WTh, Animal Science / Vet Med 125, In Person Term Based; Timothy O'Brien ; 2 cr.

6913 Agents of Disease I

(A-F only;)
 45395 001 LEC, 10:00-12:00 MW, Animal Science / Vet Med 125, 10:00-12:00 TW, Animal Science / Vet Med 125, 10:00-12:00 W, No Room Required, 10:00-12:00 MW, Animal Science / Vet Med 125, 16:00-16:50 Th, Animal Science / Vet Med 125, 10:00-10:50 F, Animal Science / Vet Med 125, 10:00-11:50 MW, Animal Science / Vet Med 125, 10:00-11:50 MTF, Animal Science / Vet Med 125, 10:00-11:50 W, No Room Required, 10:00-12:00 W, Animal Science / Vet Med 125, 11:00-11:50 F, Animal Science / Vet Med 125, 10:00-11:50 M, No Room Required, 8:00- 9:50 W, Animal Science / Vet Med 125, 10:00-11:50 MW, Animal Science / Vet Med 125, 11:00-11:50 Th, Animal Science / Vet Med 125, 9:00-11:50 T, Animal Science / Vet Med 125, In Person Term Based; Erin Burton ; 4 cr.

6914 Preventive Medicine

(A-F only;)
 45396 001 LEC, 8:00- 8:50 T, Animal Science / Vet Med 125, In Person Term Based; Margaret Root Kustritz ; 4 cr.

6926 Small Animal Medicine II

(A-F only;)
 45417 001 LEC, 10:00-12:00 MWF, Animal Science / Vet Med 135, 10:00-12:00 MTWThF, Animal Science / Vet Med 135, 13:00-14:00 M, Animal Science / Vet Med 135, 8:00- 9:50 TF, Animal Science / Vet Med 135, 10:00-12:00 W, Animal Science / Vet Med 135, 10:00-12:00 MTThFs, Animal Science / Vet Med 135, 10:00-12:00 MTWF, Animal Science / Vet Med 135, 8:00- 9:50 W, Animal Science / Vet Med 135, 10:00-12:00 MF, Animal Science / Vet Med 135, 11:00-11:50 TF, Animal Science / Vet Med 135, 13:00-13:50 Th, Animal Science / Vet Med 135, 10:00-11:50 TF, Animal Science / Vet Med 135, 10:00-11:50 TTh, Animal Science / Vet Med 135, 9:00-9:50 F, Animal Science / Vet Med 135, 10:00-11:50 F, No Room Required, 14:00-14:50 M, Animal Science / Vet Med 135, 8:00- 9:50 TW, Animal Science / Vet Med 135, 13:00-14:00 TTh, Animal Science / Vet Med 135, 13:00-14:50 M, Animal Science / Vet Med 135, 8:00-12:00 F, No Room Required, 13:00-14:50 T, Animal Science / Vet Med 135, 13:00-17:00 F, No Room Required, 10:00-11:50 M, Animal Science / Vet Med 135, 8:00-11:50 F, No Room Required, In Person Term Based; David Polzin ; 5 cr.

6927 Small Animal Surgery I

(A-F only;)
 45421 001 LEC, 8:00-10:00 TThF, Animal Science / Vet Med 135, 14:00-17:00 T, No Room Required, 13:00-16:00 W, No Room Required, 8:00-10:00 WTh, Animal Science / Vet Med 135, 14:00-17:00 TF, No Room Required, 8:00-10:00 ThF, Animal Science / Vet Med 135, 8:00-10:00 T, Animal Science / Vet Med 135, 13:00-14:50 W,

Animal Science / Vet Med 135, 8:00-17:00 TW, No Room Required, 8:00-10:00 MTWF, Animal Science / Vet Med 135, 13:00-15:50 T, No Room Required, 10:00-11:50 Th, Animal Science / Vet Med 135, 14:00-17:00 Th, No Room Required, 8:00-10:00 MTWTh, Animal Science / Vet Med 135, 8:00-9:50 M, Animal Science / Vet Med 135, 8:00-10:00 M, Animal Science / Vet Med 135, 14:00-16:50 TTh, No Room Required, 10:00-10:50 W, Animal Science / Vet Med 135, 8:00-9:50 W, Animal Science / Vet Med 135, In Person Term Based; Michael Conzemius, ; 3 cr.

6929 Large Animal Surgery I

(A-F only ;)
45423 001 LEC, 8:00-9:50 T, Animal Science / Vet Med 135, 13:00-15:00 Th, Animal Science / Vet Med 135, 13:00-14:50 F, Animal Science / Vet Med 135, 13:00-13:50 TThF, Animal Science / Vet Med 135, 13:00-14:50 T, Animal Science / Vet Med 135, 10:00-11:50 M, No Room Required, 15:00-15:50 W, Animal Science / Vet Med 135, 13:00-14:50 M, Animal Science / Vet Med 135, 13:30-15:20 W, Animal Science / Vet Med 135, 13:00-14:50 T, Animal Science / Vet Med 135, 8:00-9:50 T, Animal Science / Vet Med 135, 8:00-8:50 F, Animal Science / Vet Med 135, 10:00-11:50 T, Animal Science / Vet Med 135, 14:00-16:50 Th, Animal Science / Vet Med 135, 8:00-10:00 M, Animal Science / Vet Med 135, 13:00-13:50 F, Animal Science / Vet Med 135, 10:00-11:50 W, Animal Science / Vet Med 135, 8:00-9:50 M, No Room Required, 10:00-11:50 M, Animal Science / Vet Med 135, In Person Term Based; Ava Trent, ; 3 cr.

6934 Selected Topics in Zoo Animal

Medicine

(A-F only; Prereq: [DVM 1st or 2nd yr] or instr consent)
70055 001 LEC, 13:00-14:50 T, No Room Required, 13:00-15:50 F, No Room Required, 13:00-14:50 Th, No Room Required, 13:00-14:50 T, No Room Required, 15:00-16:50 Th, No Room Required, 13:00-14:50 F, No Room Required, 8:00-9:50 F, No Room Required, 13:00-14:50 W, Animal Science / Vet Med 125, 15:00-16:50 M, Animal Science / Vet Med 125, 13:00-14:50 W, No Room Required, In Person Term Based; Ava Trent, ; 2 cr.

6935 Veterinary Imaging I

(A-F only ;)
45418 001 LEC, 13:00-15:50 M, Animal Science / Vet Med 135, 15:00-16:50 TTh, Animal Science / Vet Med 135, 13:00-14:50 W, Animal Science / Vet Med 135, 14:00-16:50 T, No Room Required, 13:00-15:50 W, No Room Required, 14:00-14:50 M, Animal Science / Vet Med 135, 13:00-15:50 TW, Animal Science / Vet Med 135, 15:00-16:50 Th, Animal Science / Vet Med 135, 15:00-16:50 F, Animal Science / Vet Med 135, 14:00-16:50 TTh, No Room Required, 15:00-16:50 Th, Animal Science / Vet Med 135, 13:00-14:50 F, Animal Science / Vet Med 135, 14:00-16:50 T, No Room Required, 13:00-15:50 Th, No Room Required, 13:00-14:50 MTh, Animal Science / Vet Med 135, 13:00-15:50 T, Animal Science / Vet Med 135, 14:00-15:50 Th, Animal Science / Vet Med 135, 13:00-15:50 T, Animal Science / Vet Med 135, 13:00-15:50 ThF, No Room Required, 8:00-9:50 F, Animal Science / Vet Med 135, 13:00-14:50 M, Animal Science / Vet Med 135, 15:00-15:50 T, Animal Science / Vet Med 135, 13:00-15:50 ThF, No Room Required, 9:00-9:50 M, Animal Science / Vet Med 135, 13:00-15:00 MW, Animal Science / Vet Med 135, 13:00-14:50 T, Animal Science / Vet Med 135, 13:00-15:50 Th, No Room Required, 14:00-16:50 F, No Room Required, 13:00-14:50 W, Animal Science / Vet Med 135, 11:00-11:50 F, Animal Science / Vet Med 135, 11:00-11:50 W, Animal Science / Vet Med 135, 9:00-11:50 F, Animal Science / Vet Med 135, In Person Term Based; Kari Anderson, ; 4 cr.

6936 Microscopic Anatomy II

(A-F only ;)
68799 001 LAB, 9:00-12:00 TF, Animal Science / Vet Med 125, 9:00-11:50 Th, Animal Science / Vet Med 125, 9:00-11:50 TTh, Animal Science / Vet Med 125, 9:00-11:50 T, Animal Science / Vet Med 125, 9:00-11:50 T, Animal Science / Vet Med 125, 9:00-11:50 TTh, Animal Science / Vet Med 125, In Person Term Based; Frank Williams, ; 2 cr.

6937 Pharmacology II

(A-F only ;)
45416 001 LEC, 13:00-15:00 TTh, Animal Science / Vet Med 135, 13:00-14:50 F, Animal Science / Vet Med 135, 13:00-15:00 MWTh, Animal Science / Vet Med 135, 15:00-16:50 T, Animal Science / Vet Med 135, 13:00-15:00 M, Animal Science / Vet Med 135, 11:00-11:50 W, Animal Science / Vet Med 135, 9:00-11:50 Th, Animal Science / Vet Med 135, 10:00-11:50 MWTh, Animal Science / Vet

Med 135, 14:00-15:50 T, Animal Science / Vet Med 135, 10:00-11:50 TW, Animal Science / Vet Med 135, In Person Term Based; David Brown, Joe Maple ; 2 cr.

6939 Non-Traditional Pet Core

(S-N only ;)
45425 001 LEC, 00:00-00:00 , , In Person Term Based; Patrick Redig ; 1 cr.

6941 Clinical Skills IV

(S-N only ;)
45426 001 LEC, 11:00-11:50 T, Animal Science / Vet Med 135, 13:00-17:00 ThF, No Room Required, 10:00-17:00 W, No Room Required, 13:00-13:50 F, No Room Required, 13:00-17:00 ThF, No Room Required, 8:00-17:00 WF, No Room Required, 8:00-17:00 F, No Room Required, 13:00-17:00 MW, No Room Required, 13:00-15:00 TW, No Room Required, 14:00-18:00 M, No Room Required, 8:00-13:00 T, No Room Required, 13:00-17:00 F, Animal Science / Vet Med 135, In Person Term Based; Anna Firshman, Kristina Kiefer, ; 2 cr.

6942 Veterinary Clinical Pathology II

(A-F only ;)
45419 001 LEC, 10:00-10:50 T, Animal Science / Vet Med 135, 10:00-11:50 Th, Animal Science / Vet Med 135, 8:00-10:00 Th, Animal Science / Vet Med 135, 10:00-11:50 T, Animal Science / Vet Med 135, 8:00-10:00 Th, Animal Science / Vet Med 135, 10:00-12:00 T, Animal Science / Vet Med 135, 8:00-9:50 T, Animal Science / Vet Med 135, 10:00-11:50 M, Animal Science / Vet Med 135, 10:00-10:50 F, Animal Science / Vet Med 135, 8:30-10:30 T, Animal Science / Vet Med 135, 9:00-10:50 W, Animal Science / Vet Med 135, In Person Term Based; Daniel Heinrich, ; 3 cr.

6943 Avian Core

(A-F only ;)
45420 001 LEC, 8:00-16:00 MTWTh, Animal Science / Vet Med 135, 8:00-11:50 F, Animal Science / Vet Med 135, In Person Term Based; Michelle Willette ; 2 cr.

6945 Large Animal Medicine II

(A-F only ;)
68800 001 LEC, 13:00-13:50 T, Animal Science / Vet Med 135, 8:00-9:50 F, Animal Science / Vet Med 135, 10:00-11:50 T, Animal Science / Vet Med 135, 10:00-12:00 F, Animal Science / Vet Med 135, 13:00-14:50 M, Animal Science / Vet Med 135, 14:00-15:50 F, Animal Science / Vet Med 135, 15:00-16:50 W, Animal Science / Vet Med 135, 13:00-13:50 T, Animal Science / Vet Med 135, 13:00-14:50 MWF, Animal Science / Vet Med 135, 10:00-11:50 MW, Animal Science / Vet Med 135, 10:00-11:50 M, Animal Science / Vet Med 135, 13:00-13:50 T, Animal Science / Vet Med 135, 13:00-14:50 W, Animal Science / Vet Med 135, 8:00-8:50 M, Animal Science / Vet Med 135, 8:00-9:50 TTh, Animal Science / Vet Med 135, 10:00-11:50 MT, Animal Science / Vet Med 135, 15:00-15:50 T, Animal Science / Vet Med 135, 8:00-9:50 MW, Animal Science / Vet Med 135, In Person Term Based; Christie Ward, ; 3 cr.

6956 Small Animal Selective I

(A-F only ;)
68815 001 LEC, 8:00-9:50 TF, No Room Required, 10:00-11:50 TF, Ben Pomeroy Ctr 215, 10:00-11:50 T, No Room Required, 13:00-14:50 T, Ben Pomeroy Ctr 215, 8:00-9:50 F, No Room Required, 8:00-9:50 W, No Room Required, 10:00-11:50 W, Ben Pomeroy Ctr 215, 8:00-10:00 F, Ben Pomeroy Ctr 215, 10:00-12:00 F, No Room Required, 8:00-10:00 W, Ben Pomeroy Ctr 215, 10:00-12:00 W, No Room Required, 8:00-9:50 MTF, Ben Pomeroy Ctr 215, 10:00-11:50 WF, No Room Required, 8:00-9:50 W, Ben Pomeroy Ctr 215, 8:00-9:50 T, Ben Pomeroy Ctr 215, 9:00-9:50 W, Ben Pomeroy Ctr 215, 10:00-11:50 W, No Room Required, 8:00-11:50 MWF, Ben Pomeroy Ctr 215, 10:00-11:50 T, Ben Pomeroy Ctr 215, 8:00-9:50 T, No Room Required, 13:00-16:50 F, No Room Required, 8:00-9:50 F, Ben Pomeroy Ctr 215, 13:00-14:50 M, Ben Pomeroy Ctr 215, 13:00-14:50 T, Ben Pomeroy Ctr 215, 13:00-14:50 T, Ben Pomeroy Ctr 215, In Person Term Based; Julie Churchill, ; 4 cr.

6957 Small Animal Selective II

(A-F only ;)
68877 001 LEC, 13:00-16:50 F, Ben Pomeroy Ctr 215, 10:00-11:50 F, Ben Pomeroy Ctr 215, 13:00-14:50 M, Ben Pomeroy Ctr 215, 15:00-16:50 M, No Room Required, 10:00-11:50 W, Ben Pomeroy Ctr 215, 13:00-17:00 M,

Ben Pomeroy Ctr 215, 13:00-14:50 M, No Room Required, 10:00-11:50 T, Ben Pomeroy Ctr 215, 8:00-12:00 ThF, Ben Pomeroy Ctr 215, 13:00-16:50 Th, Ben Pomeroy Ctr 215, 9:00-11:50 M, Ben Pomeroy Ctr 215, 10:00-11:50 T, Ben Pomeroy Ctr 215, 8:00-11:50 Th, Ben Pomeroy Ctr 215, 10:00-11:50 T, No Room Required, 8:00-10:50 F, Ben Pomeroy Ctr 215, 9:00-11:50 Th, Ben Pomeroy Ctr 215, 8:00-11:50 Th, Ben Pomeroy Ctr 215, In Person Term Based; Jody Lulich, ; 4 cr.

6958 Small Animal Problems

(A-F only ;)
68873 001 LEC, 13:00-14:50 W, No Room Required, 13:00-14:50 W, No Room Required, In Person Term Based; Jennifer Granick, Eva Furrow ; 2 cr.
68874 002 LEC, 15:00-17:50 W, No Room Required, 15:00-16:50 W, No Room Required, In Person Term Based; Eva Furrow, Jennifer Granick ; 2 cr.

6959 Orientation to Clinical Rotations

(S-N only ;)
68808 001 LEC, 8:00-11:50 MW, Ben Pomeroy Ctr 215, 10:00-11:50 F, Ben Pomeroy Ctr 215, 13:00-16:50 M, No Room Required, 8:00-11:50 T, Ben Pomeroy Ctr 215, 10:00-11:50 Th, Ben Pomeroy Ctr 215, 13:00-16:00 Th, Ben Pomeroy Ctr 215, In Person Term Based; Scott Madill, ; 2.5 cr.

6960 Equine Selective I

(A-F only ;)
68811 001 LEC, 10:00-12:00 Th, Ben Pomeroy Ctr 215, 13:00-15:50 Th, Ben Pomeroy Ctr 215, 13:00-16:50 MTh, No Room Required, 8:00-11:50 M, Ben Pomeroy Ctr 215, 13:00-16:50 F, No Room Required, 8:00-11:50 M, Ben Pomeroy Ctr 215, 13:00-16:50 T, Ben Pomeroy Ctr 215, 8:00-9:50 Th, No Room Required, 10:00-11:50 Th, Ben Pomeroy Ctr 215, 13:00-15:50 ThF, No Room Required, 8:00-10:00 M, No Room Required, 10:00-11:50 M, Ben Pomeroy Ctr 215, 8:00-11:50 M, Ben Pomeroy Ctr 215, 13:00-14:50 Th, Ben Pomeroy Ctr 215, 14:00-16:50 F, No Room Required, 13:00-13:50 F, Ben Pomeroy Ctr 215, 8:00-9:50 W, Ben Pomeroy Ctr 215, In Person Term Based; Ava Trent, ; 2.5 cr.

6961 Equine Selective II

(A-F only ;)
68812 001 LEC, 9:00-9:50 Th, Ben Pomeroy Ctr 215, 10:00-11:50 F, No Room Required, 13:00-16:50 M, Ben Pomeroy Ctr 215, 15:00-16:50 Th, Ben Pomeroy Ctr 215, 9:00-11:50 Th, Ben Pomeroy Ctr 215, 10:00-11:50 M, No Room Required, 13:00-14:50 M, Ben Pomeroy Ctr 215, 13:00-16:50 Th, No Room Required, 8:00-11:50 M, No Room Required, 13:00-16:50 M, No Room Required, 8:00-11:50 Th, No Room Required, 13:00-16:50 Th, Ben Pomeroy Ctr 215, 8:00-11:50 Th, No Room Required, 13:00-16:50 Th, Ben Pomeroy Ctr 215, 8:00-11:50 Th, No Room Required, 8:00-11:50 T, Ben Pomeroy Ctr 215, 8:00-18:00 Th, No Room Required, 12:00-12:50 T, Ben Pomeroy Ctr 215, In Person Term Based; Christie Ward, ; 3 cr.

6962 Equine Problems

(A-F only ;)
68813 001 LEC, 8:00-9:50 Th, Ben Pomeroy Ctr 215, 10:00-11:50 Th, Ben Pomeroy Ctr 215, 10:00-11:50 F, Ben Pomeroy Ctr 215, 13:00-14:50 W, No Room Required, 13:00-14:50 W, No Room Required, In Person Term Based; Molly McCue, ; 2 cr.

6963 Food and Fiber Selective I

(S-N only ;)
68816 001 LEC, 8:00-12:00 W, Ben Pomeroy Ctr 215, 13:00-15:50 W, Ben Pomeroy Ctr 215, 8:00-9:00 W, No Room Required, 9:00-12:00 W, No Room Required, 9:00-17:00 W, No Room Required, 8:00-8:50 W, Ben Pomeroy Ctr 215, 8:00-12:00 Th, Ben Pomeroy Ctr 215, 8:00-11:50 MTF, Ben Pomeroy Ctr 215, 8:00-9:00 T, Ben Pomeroy Ctr 215, 9:00-17:00 T, No Room Required, 8:00-11:50 TTh, Ben Pomeroy Ctr 215, 13:00-17:00 ThF, No Room Required, In Person Term Based; Peter Davies, ; 2 cr.

6964 Food & Fiber Selective II: Production Medicine

(A-F only ;)
68880 001 LEC, 14:00-16:50 Th, No Room Required, 13:00-15:50 Th, No Room Required, 13:00-14:50 M, No Room Required, 13:00-14:50 T, Ben Pomeroy Ctr 215, 8:00-11:50 F, No Room Required, 13:00-14:50 F, Ben Pomeroy Ctr 215, 13:00-16:50 M, No Room Required, 8:00-11:50 M, Ben Pomeroy Ctr 215, 12:00-16:50 M, Ben Pomeroy Ctr 215, 10:00-11:50 M, Ben Pomeroy Ctr 215, 8:00-11:50 T, No Room Required, 8:00-11:50 M, No Room Required, 13:00-14:50 M, Ben Pomeroy Ctr 215, 8:00-11:50 TF, No Room Required, 8:00-11:50 Th, Ben

Pomeroy Ctr 215, 10:00-11:50 Th, No Room Required, In Person Term Based; Perle Boyer, Gerard Cramer, ; 4 cr.

6966 Applied Small Ruminant and Camelid Practice

(A-F only; Prerequisite for 4th year Small Ruminant and Doe/Kid rotations (unless instructor permission is given).)

68867 001 LEC, 13:00-14:50 T, Ben Pomeroy Ctr 215, 10:00-11:50 W, No Room Required, 13:00-16:50 F, Ben Pomeroy Ctr 215, 13:00-16:50 F, Ben Pomeroy Ctr 215, 13:00-14:50 T, Ben Pomeroy Ctr 215, 15:00-16:50 T, Ben Pomeroy Ctr 215, In Person Term Based; ; 1 cr.

6967 Food and Fiber Animal Problems

(A-F only;)

68870 001 LEC, 13:00-14:50 W, Ben Pomeroy Ctr 215, 13:00-14:50 W, Ben Pomeroy Ctr 215, In Person Term Based; Erin Royster ; 2 cr.

6968 Obstetrics Lab

(S-N only;)

68810 001 LAB, 13:00-16:50 ThF, No Room Required, In Person Term Based; Scott Madill ; 0.5 cr.

6970 Professional Development V

(S-N only;)

68809 001 LEC, 13:00-14:50 T, No Room Required, 8:00-9:50 T, No Room Required, 8:00-9:50 T, Ben Pomeroy Ctr 215, 12:00-16:50 F, No Room Required, 10:00-11:50 T, Ben Pomeroy Ctr 215, 13:00-16:50 M, Ben Pomeroy Ctr 215, 13:00-15:50 M, Ben Pomeroy Ctr 215, 12:00-16:50 T, No Room Required, 8:00-9:50 F, Ben Pomeroy Ctr 215, 12:30-17:30 M, Ben Pomeroy Ctr 215, In Person Term Based; Christina Clarkson, ; 1 cr.

6971 Dermatology

(A-F only;)

68801 001 LEC, 8:00-10:00 MW, Animal Science / Vet Med 135, 8:00-9:50 MW, Animal Science / Vet Med 135, 8:00-9:50 MTh, Animal Science / Vet Med 135, 8:00-9:50 MWF, Animal Science / Vet Med 135, 14:00-16:50 T, No Room Required, 10:00-11:50 W, Animal Science / Vet Med 135, 8:00-9:50 M, Animal Science / Vet Med 135, 10:00-11:50 MW, Animal Science / Vet Med 135, 8:00-9:50 F, Animal Science / Vet Med 135, 15:00-16:50 F, Animal Science / Vet Med 135, In Person Term Based; Sheila Torres, ; 2 cr.

6973 Behavior

(S-N only;)

68860 001 LEC, 8:00-11:50 MTWThF, Ben Pomeroy Ctr 215, In Person Term Based; Sheila Torres ; 1 cr.

6975 Mixed Animal Problems

(A-F only;)

68872 001 DIS, 13:00-14:50 W, No Room Required, 13:00-14:50 W, No Room Required, In Person Term Based; Jill Schappa Faustich ; 2 cr.

6981 Clinical Correlations I

(S-N only;)

68806 001 LEC, 15:00-17:00 M, Animal Science / Vet Med 125, 15:00-17:00 M, Animal Science / Vet Med 125, In Person Term Based; Kara Carmody, Ava Trent ; 1 cr.

6982 Clinical Correlations II

(S-N only;)

68802 001 LEC, 15:00-17:00 M, Animal Science / Vet Med 135, 15:00-17:00 M, Animal Science / Vet Med 135, In Person Term Based; Kara Carmody, Ava Trent ; 1 cr.

6984 Introduction to Laboratory Animal Medicine

(A-F only;)

68857 001 LEC, 15:00-17:00 T, Ben Pomeroy Ctr 215, 15:00-16:50 W, Ben Pomeroy Ctr 215, 15:00-16:50 Th, Ben Pomeroy Ctr 215, 13:00-14:50 M, Ben Pomeroy Ctr 215, 15:00-16:50 T, Ben Pomeroy Ctr 215, 15:00-16:50 T, Ben Pomeroy Ctr 215, 15:00-16:50 T, Ben Pomeroy Ctr 215, 15:00-16:50 MTh, Ben Pomeroy Ctr 215, In Person Term Based; Mark Suckow, ; 1 cr.

6985 PhD Project

(S-N only;)

68227 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68228 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68229 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68230 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68231 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.

68232 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68233 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68234 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68235 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68236 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.

6986 MS Project

(S-N only;)

68119 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68120 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68121 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68122 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68123 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68124 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68125 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68126 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68127 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
68224 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.

Veterinary Medicine, Graduate (VMED)

5181 Spatial Analysis in Infectious Disease Epidemiology

(Student Option No Audit; Prereq: Intro to epidemiology, statistics.)

45375 001 LEC, 9:00-12:00 F, Lrng & Environmental Sci 230, In Person Term Based; Randall Singer ; 3 cr.

5243 Advanced Small Animal Pathobiology IV

(A-F only; Prereq: CVM grad student, [DVM or foreign equiv] degree.)

45433 001 LEC, 8:00-9:00 M, Veterinary Science 215, In Person Term Based; Ned Patterson ; 1 cr.

5295 Problems in Large Animal Clinical Medicine/Surgery and Theriogenology

(A-F or Audit; Prereq: VMed grad student, possess DVM)

45346 001 LEC, 8:00-9:00 Th, AHC ROOM TBA, In Person Term Based; 1 cr.

5310 Topics in Veterinary Clinical Pathology

(S-N only; Prereq: Grad student in CVM)

45363 001 LEC, 8:00-9:00 F, AHC ROOM TBA, In Person Term Based; 1 cr.

5319 Veterinary Gross Pathology

(S-N only; Prereq: Grad student in CMB or [VMED, [DVM degree or foreign equivalent], college consent])

45434 001 LEC, 00:00-00:00 , In Person Term Based; Arno Wuenschmann, Lisa Hubinger ; 1 cr.

5330 Veterinary Descriptive Histopathology

(Student Option; Prereq: Grad student in VMED or [CMB, [DVM degree or foreign equiv]] or instr consent)

45435 001 DIS, 00:00-00:00 , In Person Term Based; Anibal Armien ; 1 cr.

5410 Scientific Writing and Speaking

(A-F only; Prereq: Grad student in health sciences)

45436 001 LEC, 14:00-16:00 Th, AHC ROOM TBA, In Person Term Based; Sagar Goyal ; 2 cr.

5440 Using Risk Analysis Tools:

Estimating Food Safety Risks on the Farm to Table Continuum

(A-F only;)

69489 001 LEC, 17:00-20:00 Th, AHC ROOM TBA, In Person Term Based; Fernando Sampedro Parra ; 2 cr.

5594 Research in Veterinary Medicine

(Student Option; Prereq: Jr, instr consent)

45372 001 LAB, 00:00-00:00 , Independent/Directed Study; Robert Washabau, VMD, PhD ; 1-4 cr.
69899 002 LAB, In Person Term Based; Larissa Minicucci ; 1-4 cr.

5621 Principles of Veterinary Anesthesiology

(A-F only; Prereq: VMed grad student, [DVM degree or foreign equiv], instr consent)

45353 001 LEC, 00:00-00:00 , In Person Term Based; 2 cr.

5910 Grant Writing: What Makes a Winning Proposal?

(Student Option;)

45401 001 LEC, 15:00-16:30 M, Veterinary Science 215, In Person Term Based; Meets With: 001 CMB 5910; Mark Rutherford ; 2 cr.

8192 Dairy Health Management: Critical Thinking

(S-N only;)

45438 001 DIS, 00:00-00:00 , In Person Term Based; Sandra Godden ; 1 cr.

8193 Welfare of Farmed Animals

(S-N only;)

45439 001 DIS, 00:00-00:00 , In Person Term Based; John Deen ; 1 cr.

8230 Medical Conference

(Student Option; Prereq: instr consent)

45329 001 LEC, 8:00-8:50 Th, AHC ROOM TBA, In Person Term Based; Jody Lulich ; 1 cr.

8292 Journal Club: Large Animal Internal Medicine

(A-F or Audit; Prereq: instr consent)

45350 001 IND, 8:00-9:00 T, AHC ROOM TBA, In Person Term Based; Christie Ward ; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

45336 001 IND, In Person Term Based; 1 cr.

8394 Research in Veterinary Medicine

(Student Option; Prereq: instr consent)

45330 001 IND, 00:00-00:00 , Independent/Directed Study; Robert Washabau, VMD, PhD ; 1-3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

45338 001 IND, In Person Term Based; 1 cr.

8492 Seminar: Infectious Diseases and Swine Medicine

(Student Option;)

45333 001 LEC, 15:00-15:50 F, Animal Science / Vet Med 385J, In Person Term Based; Montserrat Torremorell ; 1 cr.

8550 Veterinary Medicine Seminar

(S-N only; Prereq: Grad student)

45374 001 LEC, 12:00-13:00 Th, Veterinary Science 215, In Person Term Based; Meets With: 001 CMB 8550; Mark Rutherford ; 1 cr.

8592 Infectious Disease Journals: Critical Thinking

(A-F only;)

45440 001 DIS, 00:00-00:00 , In Person Term Based; Montserrat Torremorell, Andres Perez ; 1 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

45342 001 IND, In Person Term Based; 1-18 cr.

8793 Seminar: Veterinary Anesthesiology

(A-F or Audit; Prereq: [CVM 6321 or equiv], DVM degree)

45332 001 LEC, 00:00-00:00 , In Person Term Based; 1-2 cr.

8796 Avian Anesthesia and Orthopedic Surgery

(A-F or Audit; Prereq: courses in vet anesthesia, vet small animal orthopedics)

45365 001 LAB, 00:00-00:00 , In Person Term Based; Patrick Redig ; 1-3 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)

45344 001 IND, In Person Term Based; 1-24 cr.

8910 Statistical Principles of Research

Design

(A-F only; Prereq: entry level graduate stats course or equivalent)

69855 001 LEC, 9:00-10:30 TTh, Veterinary Science 215, In Person Term Based; Meets With: 001 CMB 8910; Aaron Rendahl ; 3 cr.

Veterinary Population Medicine (VPM)

1904 Science (Politics), Technology (Greed) & the Society (Polarized)

(A-F only;)

66979 001 LEC, 9:05- 9:55 MW, Bruininks Hall 420A, In Person Term Based; Ashok Singh ; 2 cr.

1907 Chemical Contamination of Drinking Water - Scope, Exposure & Toxicity

(A-F only;)

66980 001 LEC, 10:10-11:00 MW, Bruininks Hall 420A, In Person Term Based; Ashok Singh ; 2 cr.

4131 Immunology (Student Option;)

45367 001 LEC, 18:15-19:45 TTh, Bruininks Hall 131B, In Person Term Based; Thomas Molitor ; 3 cr.

4400 Diseases in free-ranging and captive wildlife

(A-F or Audit;)

45500 001 LEC, 11:45-13:00 TTh, Ecology Building 170, In Person Term Based; Michelle Willette ; 3 cr.

Vienna Executive MBA (VMBA)

Water Resources Science (WRS)

5101 Water Policy

(Student Option;)

53165 001 LEC, 16:00-17:15 TTh, Hubert H. Humphrey School 20, In Person Term Based; Meets With: 001 PA 5723; Peter Calow ; 3 cr.

53313 002 LEC, 00:00-00:00 , , In Person Term Based; Deborah Swackhamer ; 3 cr.

5150 Watershed Specialist Training

(S-N only;)

69409 001 LEC, Completely Online; Ann Lewandowski ; 2 cr.

8060 Directed Studies in Water Resources Science

(A-F or Audit; Prereq: instr consent)

53011 001 IND, In Person Term Based; 1-3 cr.

8095 Plan B Project

(S-N or Audit;)

53012 001 IND, In Person Term Based; 3 cr.

8100 Interdisciplinary Seminar in Water Resources

(Student Option;)

53090 001 LEC, 15:00-15:50 F, Borlaug Hall 375, In Person Term Based; John Nieber ; 0.5 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)

53026 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

53042 001 IND, In Person Term Based; 1 cr.

8581 Research and Professional Ethics in Water Resources and Environmental Science

(S-N or Audit; Prereq: [Environmental engineering or water resources science] grad student or instr consent)

53231 001 LEC, 15:00-16:15 M, Civil Engineering Bldg 202, In Person Term Based; Paige Novak ; 0.5 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

53060 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

53080 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated;)

69734 001 IND, In Person Term Based; 1-24 cr.

Writing Studies (WRIT)

1301 University Writing

(A-F only; Prereq: Placement in Writ 1301)

50530 015 DIS, 10:40-11:30 F, Magrath Library 6, 10:15-11:30 MW, Magrath Library 4, In Person Term Based; Matthew Kimlinger ; 4 cr.

50531 016 DIS, 13:55-14:45 F, Magrath Library 6, 13:30-14:45 MW, Magrath Library 6, In Person Term Based; Matthew Kimlinger ; 4 cr.

50532 017 DIS, 9:05- 9:55 MTWTh, Lind Hall 303, In Person Term Based; James Countryman ; 4 cr.

50533 019 DIS, 10:10-11:00 MTWTh, Lind Hall 315, In Person Term Based; James Countryman ; 4 cr.

50534 023 DIS, 13:25-14:15 MTWTh, Lind Hall 320, In Person Term Based; Angelo Volpe ; 4 cr.

50535 024 DIS, 13:25-14:15 MTWTh, Lind Hall 303, In Person Term Based; Hannah Jorgenson ; 4 cr.

50536 025 DIS, 14:30-15:20 MTWTh, Lind Hall 315, In Person Term Based; Angelo Volpe ; 4 cr.

50537 003 DIS, 11:15-12:05 F, Lind Hall 215, 11:15-12:30 MW, Lind Hall 215, In Person Term Based; Patricia Eliason ; 4 cr.

50538 002 DIS, 11:15-12:05 F, Lind Hall 217, 11:15-12:30 MW, Lind Hall 217, In Person Term Based; Sarah Selz ; 4 cr.

50539 027 DIS, 8:00- 9:55 MW, Lind Hall 217, In Person Term Based; Tim Gustafson ; 4 cr.

50540 028 DIS, 10:10-11:00 F, Appleby Hall 103, 9:45-11:00 MW, Appleby Hall 223, In Person Term Based; Brigitte Mussack ; 4 cr.

50541 026 DIS, 14:30-15:20 MTWTh, Lind Hall 303, In Person Term Based; James Countryman ; 4 cr.

50542 029 DIS, 10:10-11:00 F, Lind Hall 340, 9:45-11:00 MW, Lind Hall 340, In Person Term Based; Megan Mills-Rittmann ; 4 cr.

50543 030 DIS, 10:10-12:05 MW, Nicholson Hall 115, In Person Term Based; Jonas Erickson ; 4 cr.

50544 031 DIS, 10:10-12:05 MW, Lind Hall 229, In Person Term Based; Tim Gustafson ; 4 cr.

50545 032 DIS, 10:10-12:05 MW, Appleby Hall 204, In Person Term Based; Elizabeth Howard ; 4 cr.

50546 033 DIS, 11:15-12:05 F, Nicholson Hall 345, 11:15-12:30 MW, Nicholson Hall 345, In Person Term Based; Brigitte Mussack ; 4 cr.

50547 004 DIS, 13:25-14:15 F, Lind Hall 215, 13:00-14:15 MW, Lind Hall 215, In Person Term Based; Patricia Eliason ; 4 cr.

50548 034 DIS, 11:15-12:05 F, Appleby Hall 223, 11:15-12:30 MW, Appleby Hall 223, In Person Term Based; Megan Mills-Rittmann ; 4 cr.

50549 035 DIS, 13:25-14:15 F, Lind Hall 340, 13:00-14:15 MW, Lind Hall 340, In Person Term Based; Youngbin Hyeon ; 4 cr.

50550 036 DIS, 13:25-14:15 F, Lind Hall 325, 13:00-14:15 MW, Lind Hall 325, In Person Term Based; Zoe Rodine ; 4 cr.

50551 037 DIS, 14:30-15:20 F, Lind Hall 340, 14:30-15:45 MW, Lind Hall 340, In Person Term Based; Patricia Fillipi ; 4 cr.

50552 038 DIS, 14:30-15:20 F, Lind Hall 325, 14:30-15:45 MW, Lind Hall 325, In Person Term Based; Megan Mills-Rittmann ; 4 cr.

50553 039 DIS, 15:35-17:30 MW, Lind Hall 203, In Person Term Based; Matthew Kimlinger ; 4 cr.

50554 043 DIS, 9:05-11:00 WF, Akerman Hall 327, In Person Term Based; Nathaniel Bennett ; 4 cr.

50555 005 DIS, 13:25-14:15 F, Appleby Hall 103, 13:00-14:15 MW, Appleby Hall 223, In Person Term Based; Kimberley Strain ; 4 cr.

50556 044 DIS, 10:10-11:00 M, Nicholson Hall 110, 9:45-11:00 WF, Nicholson Hall 110, In Person Term Based; Christopher Bowman ; 4 cr.

50557 046 DIS, 10:10-12:05 WF, Kolthoff Hall 135, In Person Term Based; Benjamin Meyerson ; 4 cr.

50558 047 DIS, 11:15-13:10 WF, Appleby Hall 319, In Person Term Based; Vincent Cheng ; 4 cr.

50559 048 DIS, 11:15-12:05 M, Appleby Hall 303, 11:15-12:30 WF, Appleby Hall 303, In Person Term Based; Charlotte Madere ; 4 cr.

50560 006 DIS, 14:30-15:20 F, Appleby Hall 103, 14:30-15:45 MW, Appleby Hall 223, In Person Term Based; Kimberley Strain ; 4 cr.

50561 051 DIS, 13:25-14:15 M, Lind Hall 217, 13:00-14:15 WF, Lind Hall 217, In Person Term Based; Eunkyung Cho ; 4 cr.

50562 052 DIS, 14:30-16:25 WF, Akerman Hall 327, In Person Term Based; Meaghan Anderson Forbis ; 4 cr.

50563 055 DIS, 8:00- 9:55 TTh, Appleby Hall 103, In Person Term Based; Mark Anderson ; 4 cr.

50564 056 DIS, 8:00- 9:55 TTh, Nicholson Hall 110, In Person Term Based; Theodosia Henney ; 4 cr.

50565 020 DIS, 10:10-11:00 MTWTh, Lind Hall 303, In Person Term Based; Danielle Stambler ; 4 cr.

50566 057 DIS, 9:05-11:00 TTh, Blegen Hall 415, In Person Term Based; Darcy Gabriel ; 4 cr.

50567 058 DIS, 9:05-11:00 TTh, Vincent Hall 209, In Person Term Based; Amanda Lugo ; 4 cr.

50568 059 DIS, 9:05-11:00 TTh, Smith Hall 111, In Person Term Based; Mae Rice ; 4 cr.

50569 021 DIS, 12:20-13:10 MTWTh, Carlson School of Mgmt L-126, In Person Term Based; Eduardo Nevarez ; 4 cr.

50571 061 DIS, 10:10-12:05 TTh, Lind Hall 217, In Person Term Based; Kelsey Donk ; 4 cr.

50572 062 DIS, 10:10-12:05 TTh, Lind Hall 215, In Person Term Based; Maureen Aitken ; 4 cr.

50573 009 DIS, 11:15-13:10 TTh, Blegen Hall 110, In Person Term Based; Anne Fretheim ; 4 cr.

50574 063 DIS, 11:15-13:10 TTh, Folwell Hall 112, In Person Term Based; Leslie Hodgkins ; 4 cr.

50575 064 DIS, 11:15-13:10 TTh, Peik Gymnasium G55, In Person Term Based; Shavera Seneviratne ; 4 cr.

50576 042 DIS, 9:05-11:00 WF, Appleby Hall 3, In Person Term Based; Katlyne Davis ; 4 cr.

50577 065 DIS, 12:20-14:15 TTh, Appleby Hall 319, In Person Term Based; Ali Zimmerman Zuckerman ; 4 cr.

50578 066 DIS, 12:20-14:15 TTh, Appleby Hall 219, In Person Term Based; Brett Sigurdson ; 4 cr.

50579 068 DIS, 13:25-15:20 TTh, Vincent Hall 364, In Person Term Based; Mark Anderson ; 4 cr.

50580 069 DIS, 13:25-15:20 TTh, Amundson Hall 120, In Person Term Based; Saeide Mirzaei ; 4 cr.

50581 070 DIS, 14:30-16:25 TTh, Appleby Hall 11, In Person Term Based; Nathaniel Bennett ; 4 cr.

50582 071 DIS, 14:30-16:25 TTh, Lind Hall 340, In Person Term Based; David Rodriguez-Martinez ; 4 cr.

50583 072 DIS, 17:15-19:10 TTh, Lind Hall 215, In Person Term Based; Jacqueline Patz ; 4 cr.

50646 175 DIS, 00:00-00:00 , ONLINE, Completely Online; Christine Bachman-Sanders ; 4 cr.

50647 176 DIS, 00:00-00:00 , ONLINE, Completely Online; Juliette Lapeyrouse-Cherry ; 4 cr.

51272 008 DIS, 9:05-11:00 TTh, Nicholson Hall 315, In Person Term Based; Nathaniel Bennett ; 4 cr.

51292 067 DIS, 12:20-14:15 TTh, Nicholson Hall 115, In Person Term Based; Jennifer Carter ; 4 cr.

51349 054 DIS, 14:30-15:20 M, Lind Hall 215, 14:30-15:45 WF, Lind Hall 215, In Person Term Based; Brigitte Mussack ; 4 cr.

51485 001 DIS, 10:10-11:00 F, Lind Hall 215, 9:45-11:00 MW, Lind Hall 215, In Person Term Based; Sarah Selz ; 4 cr.

51486 007 DIS, 8:00- 9:55 TTh, Appleby Hall 3, In Person Term Based; Anne Fretheim ; 4 cr.

51487 010 DIS, 14:30-16:25 TTh, Armory Building 202, In Person Term Based; Anne Lazaraton ; 4 cr.

51572 040 DIS, 17:15-19:10 MW, Lind Hall 215, In Person Term Based; Jennifer Doane ; 4 cr.

51573 045 DIS, 10:10-11:00 M, Nicholson Hall 120, 9:45-11:00 WF, Nicholson Hall 335, In Person Term Based; Bridget Bergin ; 4 cr.

51574 049 DIS, 11:15-12:05 M, Appleby Hall 319, 11:15-12:30 WF, Appleby Hall 3, In Person Term Based; Ryan Wold ; 4 cr.

51575 050 DIS, 13:25-14:15 M, Wulling Hall 220, 13:00-14:15 WF, Wulling Hall 220, In Person Term Based; Damian Johansson ; 4 cr.

51576 053 DIS, 14:30-15:20 M, Lind Hall 217, 14:30-15:45 WF, Lind Hall 217, In Person Term Based; Andrea Waldrep ; 4 cr.

51577 060 DIS, 10:10-12:05 TTh, Nicholson Hall 110, In Person Term Based; Mark Anderson ; 4 cr.

67570 018 DIS, 9:05- 9:55 MTWTh, Lind Hall 315, In Person Term Based; Angelo Volpe ; 4 cr.

67571 022 DIS, 12:20-13:10 MTWTh, Lind Hall 320, In Person Term Based; Evelyn Meisenbacher ; 4 cr.

67575 174 DIS, Completely Online; Maureen Aitken ; 4 cr.

1401 Writing and Academic Inquiry

(A-F only; Prereq: Placement in Writ 1401)

50587 001 DIS, 10:10-11:00 F, Lind Hall 325, 9:45-11:00 MW, Lind Hall 325, In Person Term Based; Patricia Fillipi; 4 cr.
 51721 002 DIS, 11:15-12:05 F, Lind Hall 340, 11:15-12:30 MW, Lind Hall 340, In Person Term Based; Patricia Fillipi; 4 cr.
 52175 003 DIS, 13:25-15:20 TTh, Appleby Hall 226, In Person Term Based; Maureen Aitken; 4 cr.

3001 Introduction to Technical Writing and Communication (A-F only;)

67030 001 DIS, 16:00-17:15 MW, Bruininks Hall 512B, In Person Term Based; Kari Campeau; 3 cr.

3029W Business and Professional Writing (Student Option; WI)

50960 001 DIS, 17:30-20:00 Th, Appleby Hall 302, In Person Term Based; Jeremy Rosselot-Merritt; 3 cr.
 50961 002 DIS, 14:30-15:45 MW, Lind Hall 320, In Person Term Based; Jason Tham; 3 cr.

3101W Writing Arguments (A-F or Audit; WI)

50858 001 DIS, 14:30-15:45 TTh, Nolte Center 229, In Person Term Based; Donald Ross Jr; 3 cr.

3102W Public Writing (A-F only; Prereq: Soph or jr or srCIV,WI)

60977 001 DIS, 9:45-11:00 TTh, Lind Hall 325, In Person Term Based; Donald Ross Jr; 3 cr.

3152W Writing on Issues of Science and Technology (A-F or Audit; WI)

50506 001 DIS, 14:30-15:45 MW, Nicholson Hall 115, In Person Term Based; Capper Nichols; 3 cr.

3221W Communication Modes and Methods (A-F only; WI)

51009 001 DIS, 9:45-11:00 TTh, Nolte Center 229, In Person Term Based; Megan McGrath; 3 cr.

3244W Critical Literacies: How Words Change the World (A-F or Audit; AH,WI,DSJ)

50885 001 DIS, 16:00-18:30 T, Lind Hall 315, In Person Term Based; Patrick Bruch; 3 cr.

3291 Technical Communication Certificate Capstone Project (A-F only; Prereq: instr consent)

50609 001 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.

3315 Writing on Issues of Land and the Environment (A-F or Audit; AH,DSJ)

51276 001 DIS, 13:00-14:15 TTh, Wulling Hall 220, In Person Term Based; Thomas Reynolds; 3 cr.

3405W Humanistic Healthcare and Communication (Student Option; AH,WI)

51366 001 DIS, 13:00-14:15 WF, Peik Hall 28, In Person Term Based; William West; 3 cr.

3441 Editing, Critique, and Style (A-F only; Prereq: Soph or jr or sr)

50962 001 DIS, 11:15-12:30 Th, Appleby Hall 227, 11:15-12:30 T, Rapson Hall 56, In Person Term Based; Barbara Horvath; 3 cr.

3562W Technical and Professional Writing (A-F only; WI)

50508 001 DIS, 11:15-12:30 TTh, Lind Hall 315, In Person Term Based; Anne Lazaraton; 4 cr.
 50508 001 DIS, 11:15-12:30 TTh, Lind Hall 315, In Person Term Based; Anne Lazaraton; 4 cr.
 50509 003 DIS, 12:50-13:40 F, Lrng & Environmental Sci 230, 12:50-13:40 MW, Magrath Library 4, In Person Term Based; Joe Weinberg; 4 cr.
 50510 004 DIS, 14:30-15:20 F, Appleby Hall 227, 14:30-15:20 MW, Appleby Hall 204, In Person Term Based; Joe Weinberg; 4 cr.
 50511 006 DIS, 11:45-13:00 Th, McNeal Hall 146, 11:45-13:00 T, Lrng & Environmental Sci 220, In Person Term Based; Joe Moses; 4 cr.
 50512 007 DIS, 15:00-16:15 Th, Lrng & Environmental Sci 230, 15:00-16:15 T, Magrath Library 6, In Person Term Based; Joe Moses; 4 cr.

50513 008 DIS, 16:00-17:15 MW, Lind Hall 315, In Person Term Based; Laura Pigozzi; 4 cr.
 50514 009 DIS, 17:30-20:00 M, Lind Hall 325, In Person Term Based; Capper Nichols; 4 cr.
 50515 076 DIS, 00:00-00:00 , ONLINE, Completely Online; Ryan Eichberger; 4 cr.
 50516 077 DIS, 00:00-00:00 , ONLINE, Completely Online; Joseph Holt; 4 cr.

50517 078 DIS, 00:00-00:00 , ONLINE, Completely Online; Brandi Fuglsby; 4 cr.
 50619 010 DIS, 11:45-13:00 W, Lrng & Environmental Sci 230, 11:45-13:00 M, Magrath Library 6, In Person Term Based; Capper Nichols; 4 cr.
 50810 079 DIS, 00:00-00:00 , ONLINE, Completely Online; Sandra Becker; 4 cr.
 50980 075 DIS, 00:00-00:00 , ONLINE, Completely Online; Sarah Puett; 4 cr.
 51379 005 DIS, 9:45-11:00 Th, Appleby Hall 227, 9:45-11:00 T, Akerman Hall 211, In Person Term Based; Nicole Ciulla; 4 cr.

51796 100 DIS, Completely Online; Joseph Holt; 4 cr.
 52074 101 DIS, Completely Online; Tim Gustafson; 4 cr.
 52075 102 DIS, Completely Online; William West; 4 cr.
 52125 013 DIS, 11:15-12:05 F, Appleby Hall 227, 11:15-12:05 MW, Lind Hall 302, In Person Term Based; Brandi Fuglsby; 4 cr.
 52353 015 DIS, 10:40-11:30 F, Coffey Hall 50, 10:40-11:30 MW, Magrath Library 6, In Person Term Based; Joe Weinberg; 4 cr.
 52355 097 DIS, Completely Online; William West; 4 cr.
 70128 080 DIS, Completely Online; Saveena Veeramoothoo; 4 cr.

3577W Rhetoric, Technology, and the Internet (A-F only; Prereq: Soph or jr or sr or instr consentTS,WI)

51281 001 DIS, 16:00-17:15 MW, Lind Hall 303, In Person Term Based; Alexander Champoux; 3 cr.
 51526 002 DIS, 8:15- 9:30 TTh, Lind Hall 320, In Person Term Based; Nathan Bollig; 3 cr.

3671 Visual Rhetoric and Document Design (A-F only;)

51023 001 DIS, 13:00-14:15 MW, Lind Hall 315, In Person Term Based; Mckinley Green; 3 cr.

3672W Project Design and Development (A-F or Audit; Prereq: Jr or srWI)

51713 001 DIS, 11:15-12:30 MW, Nolte Center 229, In Person Term Based; Joe Moses; 3 cr.

3701W Rhetorical Theory for Writing Studies (A-F only; Prereq: TWC or Sconcurrent registration is required (or allowed) in TC Major, Soph or jr or sr or instr consentWI)

50518 001 DIS, 13:00-14:15 TTh, Bruininks Hall 420A, In Person Term Based; Jarron Slater; 3 cr.

3993 Directed Study (Student Option; Prereq: instr consent, dept consent, college consent)

52357 001 IND, 00:00-12:00 , , Independent/Directed Study; 1-4 cr.

4196 Internship in Technical Writing and Communication (A-F only; Prereq: Writ 3562W and 24 credits completed in the Technical Writing & Communication major)

50963 001 IND, 00:00-00:00 , , Independent/Directed Study; Barbara Horvath; 3 cr.

4501 Usability and Human Factors in Technical Communication (A-F only; Prereq: [TWC or concurrent registration is required (or allowed) in TC major, [jr or sr or grad student]] or instr consent)

52163 001 DIS, 16:00-18:30 Th, Bruininks Hall 512B, In Person Term Based; Nick Rosencrans; 3 cr.

4562 International Professional Communication (A-F only;)

66982 075 DIS, 00:00-12:00 , ONLINE, Completely Online; Ann Duin; 3 cr.

5051 Graduate Research Writing for International Students (Student Option; Prereq: Grad student)

50519 001 LEC, 9:45-11:00 TTh, Kolthoff Hall 136, In Person Term Based; Sheryl Holt; 3 cr.

50964 002 LEC, 14:30-15:45 TTh, Keller Hall 2-260, In Person Term Based; Kimberley Strain; 3 cr.

5052 Graduate Research Presentations and Conference Writing for Non-Native Speakers of English (Student Option; Prereq: [Grad student, non-native speaker of English] or instr consent)

50520 001 LEC, 13:00-14:15 TTh, Ford Hall 155, In Person Term Based; Sheryl Holt; 3 cr.

5112 Information Design: Theory and Practice (A-F or Audit; Prereq: Grad student or instr consent)

51527 075 LEC, 00:00-00:00 , ONLINE, Completely Online; 3 cr.

5196 Internship in Scientific and Technical Communication (S-N or Audit;)

51010 075 IND, 00:00-00:00 , , Independent/Directed Study; Laura Pigozzi; 3-6 cr.

5291 Independent Study, Reading, and Research (Student Option; Prereq: instr consent, dept consent)

50622 001 IND, 00:00-00:00 , , Independent/Directed Study; Laura Pigozzi; 1-3 cr.

5775 The Rhetorical Tradition: Classical Period (A-F only;)

66811 001 LEC, 14:30-17:00 W, Kolthoff Hall 138, In Person Term Based; John Logie; 3 cr.

8333 FTE: Master's (No Grade Associated; Prereq: Master's student, adviser and DGS consent)

50623 001 IND, 00:00-00:00 , , Independent/Directed Study; Laura Pigozzi; 1 cr.

8444 FTE: Doctoral (No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)

50624 001 IND, 00:00-00:00 , , Independent/Directed Study; John Logie; 1 cr.

8505 Professional Practice (S-N only;)

51367 001 LEC, 16:00-18:30 M, Nolte Center 235, In Person Term Based; Ann Duin; 3 cr.

8540 Seminar in Technical Communication and Composition Pedagogies (A-F or Audit;)

66985 001 LEC, 14:30-17:00 M, Nolte Center 229, In Person Term Based; Patrick Bruch; 3 cr.

8560 Writing Studies and Usability (A-F only;)

66986 001 LEC, 14:30-17:00 T, Nolte Center 235, In Person Term Based; Lee-Ann Breuch; 3 cr.

8666 Doctoral Pre-Thesis Credits (No Grade Associated; Prereq: Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)

50625 001 IND, 00:00-00:00 , , Independent/Directed Study; John Logie; 1-6 cr.

8777 Thesis Credits: Master's (No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required [Plan A only])

50626 001 IND, 00:00-00:00 , , Independent/Directed Study; John Logie; 1-18 cr.

8792 Independent Study, Reading, and Research (S-N only; Prereq: instr consent)

50614 001 IND, 00:00-00:00 , , Independent/Directed Study; John Logie; 1-4 cr.

8794 Directed Research (S-N only; Prereq: instr consent)

51528 001 IND, 00:00-00:00 , , Independent/Directed Study; John Logie; 1-4 cr.

8888 Thesis Credit: Doctoral

