

Academic Health Center Shared (AHS)

1101 Orientation to Health Careers

(Student Option No Audit;)

49162 001 LEC, 15:35-16:25 M, Moos Health Sci Tower 2-690, In Person Term Based; Scott Simpson ; 1 cr.

1102 Orientation to Health Careers

(Student Option No Audit;)

49178 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Fred Williams ; 1 cr.

1601 The Future Physician II

(Student Option; Prereq: Permission number; 1600 recommended)

49194 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)

49214 001 FWK, 00:00-00:00 , ONLINE, Completely Online; Scott Simpson ; 2 cr.

1901 Global Health in Panama: Humans, Animals, and Ecosystems

(A-F only; GP)

67044 001 DIS, 14:30-16:25 T, Moos Health Sci Tower 2-565, In Person Term Based; Karin Hamilton, Fred Williams ; 3 cr.

2400 Writing a Personal Statement

(S-N only;)

49242 001 DIS, 10:10-11:00 W, Moos Health Sci Tower 2-565, In Person Term Based; Fred Williams ; 1 cr.
49243 002 DIS, 10:10-11:00 Th, Moos Health Sci Tower 2-565, In Person Term Based; 1 cr.
49257 003 DIS, 14:30-15:20 M, Moos Health Sci Tower 2-565, In Person Term Based; Tricia Todd ; 1 cr.

3001 Health and Medicine in India in a Social and Cultural Context

(A-F only; Prereq: instr consentGP)

66957 002 DIS, 13:25-14:15 W, Molecular Cellular Biol 2-122, In Person Term Based; Meets With: 002 AHS 3002; Tricia Todd ; 3 cr.
67244 001 LEC, Study Abroad; Tricia Todd ; 3 cr.

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

(A-F only; GP)

49304 001 LEC, Study Abroad; Tricia Todd ; 3 cr.
67045 002 DIS, 13:25-14:15 W, Molecular Cellular Biol 2-122, In Person Term Based; Meets With: 002 AHS 3001; Tricia Todd ; 3 cr.

Accounting (ACCT)

2050 Introduction to Financial Reporting

(A-F or Audit; Prereq: Soph)

57085 001 LEC, 8:00- 9:40 MW, Carlson School of Mgmt L-110, In Person Term Based; Kendall Poch ; 4 cr.
57086 002 LEC, 15:45-17:25 MW, Carlson School of Mgmt L-110, In Person Term Based; Nan Li ; 4 cr.
57087 003 LEC, 11:50-13:30 TTh, Carlson School of Mgmt L-110, In Person Term Based; Cyrus Aghamolla ; 4 cr.
57088 004 LEC, 13:45-15:25 TTh, Carlson School of Mgmt L-110, In Person Term Based; Jacob Raleigh ; 4 cr.
57089 020 LEC, 17:45-21:05 Th, Hanson Hall 1-102, In Person Term Based; Hui Liang ; 4 cr.
57320 005 LEC, 9:55-11:35 MW, Carlson School of Mgmt L-110, In Person Term Based; Nan Li ; 4 cr.
57367 006 LEC, 15:45-17:25 TTh, Carlson School of Mgmt L-110, In Person Term Based; Kendall Poch ; 4 cr.

2050H Honors: Introduction to Financial Reporting

(A-F or Audit;)

57391 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt L-142, In Person Term Based; Cyrus Aghamolla ; 4 cr.

3001 Introduction to Management Accounting

(A-F or Audit; Prereq: 2050)

57090 001 LEC, 8:15- 9:30 TTh, Hanson Hall 1-102, In Person Term Based; Thomas Batina ; 3 cr.

57091 002 LEC, 16:00-17:15 TTh, Hanson Hall 1-102, In Person Term Based; Thomas Batina ; 3 cr.
57092 020 LEC, 17:45-20:15 T, Hanson Hall 1-104, In Person Term Based; Carrie Kirscht ; 3 cr.
57381 003 LEC, 11:15-12:30 MW, Hanson Hall 1-102, In Person Term Based; Clayton Forester ; 3 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)

57111 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt L-132, In Person Term Based; Joshua Madsen ; 4 cr.
57259 002 LEC, 13:45-15:25 MW, Carlson School of Mgmt L-132, In Person Term Based; Joshua Madsen ; 4 cr.
57301 004 LEC, 15:45-17:25 MW, Carlson School of Mgmt L-142, In Person Term Based; Joshua Madsen ; 4 cr.
57400 003 LEC, 15:45-17:25 TTh, Carlson School of Mgmt L-143, In Person Term Based; Nick Biondich ; 4 cr.

5102 Intermediate Accounting II

(A-F or Audit; Prereq: 5101[mgmt or grad mgmt student])

57112 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt L-126, In Person Term Based; Vivian Fang ; 4 cr.
57297 002 LEC, 15:45-17:25 MW, Carlson School of Mgmt L-126, In Person Term Based; Vivian Fang ; 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]WI)

57113 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt L-135, In Person Term Based; Frank Beil ; 4 cr.
57416 002 LEC, 15:45-17:25 TTh, Carlson School of Mgmt L-135, In Person Term Based; Frank Beil ; 4 cr.

5126 Internal Auditing

(A-F or Audit; Prereq: 2050)

57343 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])

57114 001 LEC, 12:20-14:00 MW, Hanson Hall 1-109, In Person Term Based; Tammy Naples ; 4 cr.
57115 020 LEC, 17:45-21:05 T, Hanson Hall 1-105, In Person Term Based; Tammy Naples ; 4 cr.

5160 Financial Statement Analysis

(A-F or Audit; Prereq: [5100/6100 or 3101/5101], [accounting or finance major])

57118 020 LEC, 17:45-21:05 M, Carlson School of Mgmt L-143, In Person Term Based; Frank Beil ; 2 cr.
57177 001 LEC, 10:10-11:50 TTh, Carlson School of Mgmt L-149, In Person Term Based; Frank Beil ; 2 cr.

5201 Intermediate Management Accounting

(A-F or Audit; Prereq: 3001, acct or finance major)

57119 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt L-143, In Person Term Based; Paul White ; 2 cr.
57120 020 LEC, 17:45-21:05 Th, Carlson School of Mgmt L-224, In Person Term Based; Paul White ; 2 cr.
57620 002 LEC, 9:55-11:35 TTh, Carlson School of Mgmt L-224, In Person Term Based; Paul White ; 2 cr.

5236 Introduction to Taxation of Business

(A-F or Audit; Prereq: 5135, acct major)

57140 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt L-142, 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)

67688 001 LEC, 10:10-11:50 TTh, Hanson Hall 1-107, In Person Term Based; Thomas Batina ; 2 cr.

5420 MAcc directed study

(Student Option; Prereq: MAcc student)

57296 001 IND, 00:00-00:00 , In Person Term Based; 1-4 cr.

6603 Advanced Auditing

(A-F only;)

57572 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt L-132, In Person Term Based; Thomas Batina ; 4 cr.

6605 Negotiations for Financial Executives

(A-F only;)

57500 001 LEC, 15:45-17:25 MW, Carlson School of Mgmt L-132, In Person Term Based; Thomas Batina ; 2 cr.

8803 Topics in Empirical Research III

(A-F only;)

66960 001 LEC, In Person Term Based; Tjomme Rusticus ; 2 cr.

8823 Capital Markets III

(A-F only;)

66961 001 LEC, In Person Term Based; Michael Iselin, Joshua Madsen ; 2 cr.

8833 Topics in Analytical Research III

(A-F only;)

66962 001 LEC, In Person Term Based; Gaoqing Zhang ; 2 cr.

8892 Readings in Accounting

(Student Option; Prereq: Business admin PhD student or instr consent)

57141 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)

57081 001 IND, 00:00-00:00 , In Person Term Based; 1-8 cr.

Addiction Studies (ADDS)

5011 Foundations in Addiction Studies

(A-F only;)

63719 301 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;)

63691 001 LEC, 9:00-12:40 M, Ecology Building 170, In Person Term Based; Laura Boisen ; 3 cr.

5031 Applied Psychopharmacology

(A-F only;)

63690 001 LEC, 17:30-21:00 W, Ruttan Hall B42, 17:30-21:00 W, Ruttan Hall B42, 17:30-21:00 W, Ruttan Hall B42, 17:30-21:00 W, Ruttan Hall B42, 17:30-21:00 W, Ruttan Hall B42, 17:30-21:00 W, Ruttan Hall B42, In Person Term Based; Ian McLoone ; 2 cr.

5051 Methods and Models II: Cognitive Behavioral Therapy

(A-F only;)

63692 001 LEC, 16:00-18:30 M, Magrath Library 4, In Person Term Based; Jennifer Weigelt ; 2 cr.

5061 Foundations of Group Work

(A-F only;)

63688 001 LEC, 17:30-20:30 Th, Magrath Library 4, In Person Term Based; Fiyaz Karim ; 3 cr.

5071 Foundations of Co-occurring

Disorders

(A-F only;)

63721 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Ann Becher-Ingwalson ; 2 cr.

5081 Multicultural Foundations of Behavioral Health

(A-F only;)

68110 001 LEC, 17:30-20:30 W, Ruttan Hall B30, In Person Term Based; Fiyaz Karim ; 3 cr.

5091 Assessment and Treatment Planning I

(A-F only;)

63741 001 LEC, 17:30-20:10 W, Magrath Library 6, In Person Term Based; Jesse Cramer ; 3 cr.

5121 Professional Seminar 1: Internship Prep

(S-N only;)

63750 001 LEC, 14:00-16:00 M, Ruttan Hall B30, 14:00-16:00 M, Ruttan Hall B30, 14:00-16:00 M, Ruttan Hall B30, 14:00-16:00 M, Ruttan Hall B30, 14:00-16:00 M, Ruttan Hall B30, In Person Term Based; Debra Wamsley ; 1 cr.

5993 Directed Study

(Student Option; Prereq: dept consent)

63751 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

58764 001 LEC, 11:15-12:30 MW, Akerman Hall 225, In Person Term Based; Joseph Nichols ; 3 cr.

8207 Hydrodynamic Stability
(Student Option; Prereq: 8201)

66276 001 LEC, 14:30-15:45 MW, Amundson Hall 120, In Person Term Based; Joseph Nichols ; 3 cr.

8211 Theory of Turbulence I
(Student Option; Prereq: 8202)

68077 001 LEC, 9:45-11:00 TTh, Ford Hall B53, In Person Term Based; Filippo Coletti ; 3 cr.

8253 Computational Methods in Fluid Mechanics

(A-F or Audit; Prereq: 4201)
66277 001 LEC, 13:00-14:15 MW, Amundson Hall 120, In Person Term Based; Krishnan Mahesh ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
60359 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)
58964 001 LEC, 10:10-11:00 W, Akerman Hall 327, In Person Term Based; 1 cr.
58964 001 LEC, 10:10-11:00 W, Akerman Hall 327, In Person Term Based; 1 cr.

8411 Advanced Dynamics

(A-F or Audit; Prereq: 5401 or equiv)
66278 001 LEC, 12:20-13:10 MWF, Keller Hall 3-115, In Person Term Based; Yohannes Ketema ; 3 cr.
68088 883 LEC, 12:20-13:10 MWF, ONLINE, Completely Online; Yohannes Ketema ; 3 cr.

8421 Robust Multivariable Control Design
(Student Option; Prereq: 5321 or equiv)

66279 001 LEC, 9:45-11:00 TTh, Mechanical Engineering 212, In Person Term Based; Meets With: 001 EE 5235; Peter Seiler Jr ; 3 cr.
68112 883 LEC, 9:45-11:00 TTh, ONLINE, Completely Online; Peter Seiler Jr ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
60360 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)
66613 001 IND, 11:15-12:05 MWF, Amundson Hall 162, In Person Term Based; Maziar Hemati ; 1-4 cr.
68625 002 IND, In Person Term Based; 1-4 cr.

8500 Research Seminar in Mechanics of Materials

(S-N or Audit; Prereq: instr consent)
66785 001 LEC, 12:20-14:15 T, Akerman Hall 317, In Person Term Based; Ellad Tadmor ; 1 cr.

8551 Multiscale Methods for Bridging Length and Time Scales

(A-F or Audit; Prereq: Basic knowledge of [continuum mechanics, atomic forces], familiarity with partial differential equations, grad student in [engineering or mathematics or physics])
66280 001 LEC, 11:15-12:30 MW, Rapson Hall 58, In Person Term Based; Ellad Tadmor ; 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)
60361 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])
60362 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)
68641 001 IND, 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)
60363 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

Aerospace Studies (AIR)

1000 Leadership Laboratory
(S-N or Audit;)

63875 001 LAB, 16:00-18:00 Th, Armory Building 116, In Person Term Based; Justin Mason ; 1 cr.
63880 002 LAB, In Person Term Based; Justin Mason ; 1 cr.

1105 Foundations of the United States Air Force II

(A-F or Audit;)
63865 001 LEC, 11:15-12:05 Th, Armory Building 105, In Person Term Based; Chad St. Arnaud ; 1 cr.
63866 002 LEC, 15:00-15:50 Th, Armory Building 105, In Person Term Based; Chad St. Arnaud ; 1 cr.

1205 The Evolution of USAF Air and Space Power II

(A-F or Audit;)
63869 001 LEC, 13:25-14:15 T, Armory Building 105, In Person Term Based; Justin Mason ; 1 cr.
63870 002 LEC, 10:10-11:00 T, Armory Building 105, In Person Term Based; Justin Mason ; 1 cr.

3302 Air Force Officership, Quality, and Communication

(A-F or Audit; Prereq: 3301 recommended)
63873 001 LEC, 6:00- 8:30 M, Armory Building 105, In Person Term Based; Justin Mason ; 3 cr.
63881 002 LEC, In Person Term Based; Justin Mason ; 3 cr.

3402 Preparation for Active Duty

(A-F or Audit; Prereq: 3401 recommended)
63874 001 LEC, 17:00-18:15 W, Armory Building 105, 12:05-13:20 M, Armory Building 105, In Person Term Based; Daniel Hatzung, Lizabeth Wenzel ; 3 cr.

African Amer & African Studies (AFRO)

1011 Introduction to African American Studies

(Student Option;)
54850 001 LEC, 13:00-14:15 MW, Blegen Hall 425, In Person Term Based; Rose Brewer ; 3 cr.

3006 Impact of African Migrations in the Atlantic World

(A-F or Audit;)
54776 001 LEC, 13:25-14:15 MWF, Hubert H. Humphrey School 184, In Person Term Based; Victoria Coifman ; 3 cr.

3108 Black Music: A History of Jazz
(Student Option;)

67033 301 LEC, Completely Online; Yolanda Williams ; 3 cr.

3135 Political Dynamics in the Horn of Africa

(Student Option; GP,SOCS)
67882 001 LEC, 9:45-11:00 MW, Hubert H. Humphrey School 20, In Person Term Based; Josef Woldense ; 3 cr.

3426 African Americans, Social Policy, and the Welfare State

(Student Option;)
54037 001 LEC, 18:00-20:45 W, Blegen Hall 220, In Person Term Based; Keith Mayes ; 3 cr.

3431 Early Africa and Its Global Connections

(Student Option; GP,HIS)
56045 001 DIS, 14:30-15:45 MW, Blegen Hall 145, In Person Term Based; Meets With: 001 HIST 3431; Gabriele Payne ; 3 cr.

3433 Economic Development in Contemporary Africa

(A-F only; Prereq: APEC 1101 or ECON 1101GP,SOCS)
54114 001 LEC, 16:00-17:15 TTh, Blegen Hall 255, In Person Term Based; Meets With: 001 APEC 3061; Tade Okediji ; 3 cr.

3592W Introduction to Black Women Writers in the United States

(A-F only; DSJ,WI,LITR)
54390 001 LEC, 9:45-11:00 TTh, Blegen Hall 230, In Person Term Based; Meets With: 001 ENGL 3592W; Terrion Williamson ; 3 cr.

3625W Women Writers of Africa and the African Diaspora

(A-F only; GP,WI,LITR)
67079 001 LEC, 11:15-12:30 TTh, Hubert H. Humphrey School 15, In Person Term Based; Angela Castro ; 3 cr.

3865 African American History: 1865 to the Present

(Student Option;)
53560 001 DIS, 18:00-20:45 Th, Blegen Hall 120, In Person Term Based; Meets With: 001 HIST 3865; Keith Mayes ; 3 cr.

3993 Directed Study

(Student Option; Prereq:instr consent, dept consent, college consent)
52983 001 IND, In Person Term Based; 1-5 cr.

4406 Black Feminist Thought

(Student Option;)
55830 001 DIS, 13:00-14:15 TTh, Blegen Hall 435, In Person Term Based; Meets With: 001 GWSS 4406; Terrion Williamson ; 3 cr.

4478W Contemporary Politics in Africa and the Colonial Legacy

(Student Option; Prereq: POL 1054 or POL 3051 or non-pol sci grad or instr consentGP,WI)
66769 001 LEC, 14:30-15:45 MW, Blegen Hall 210, In Person Term Based; Meets With: 001 POL 4478W; Josef Woldense ; 3 cr.

4991W Thesis Research and Writing

(A-F or Audit; Prereq: dept consentWI)
54612 001 IND, In Person Term Based; Keith Mayes, Yuichiro Onishi ; 3 cr.

5932 The Production of Knowledge, Negotiating the Past, and the Writing of African Histories

(A-F or Audit; Prereq: Grad student or instr consent)
67297 001 LEC, 14:45-17:30 T, Blegen Hall 415, In Person Term Based; Meets With: 001 HIST 5932; Njeri Githire ; 3 cr.

5993 Directed Study

(Student Option; Prereq: instr consent)
52984 001 IND, In Person Term Based; 1-3 cr.

8202 Seminar: Intellectual History of Race

(Student Option;)
53721 001 LEC, 17:30-20:15 W, Carlson School of Mgmt 1-122, In Person Term Based; Rose Brewer ; 3 cr.

Agri, Food, and Environ Educ (AFEE)

2421W Professional Communication for Agriculture, Food, and the Environment
(A-F or Audit; WI)

56643 001 LEC, 10:40-11:30 MW, Ruttan Hall B45, In Person Term Based; Rebecca Swenson ; 3 cr.
56732 002 DIS, 10:40-11:30 F, Ruttan Hall B42, In Person Term Based; Rebecca Swenson ; 3 cr.
56733 004 DIS, 11:45-12:35 F, Ruttan Hall B42, In Person Term Based; Rebecca Swenson ; 3 cr.
56778 003 DIS, 9:35-10:25 F, Ruttan Hall B42, In Person Term Based; Rebecca Swenson ; 3 cr.
68744 005 DIS, 10:40-11:30 F, Ruttan Hall B26, In Person Term Based; Rebecca Swenson ; 3 cr.

3106 Agricultural Policy and Issues in Minnesota

(A-F only; Prereq: 30 credits or instructor approval)
66930 001 LEC, 8:45-10:00 TTh, Ruttan Hall B26, In Person Term Based; Sarah Dornink ; 3 cr.

3430 Communicating Food, Agriculture & Environmental Science to the Public

(A-F or Audit; Prereq: Sophomore standing or 30 cr)
56831 001 LEC, 13:30-14:45 MW, Ruttan Hall B35, In Person Term Based; Rebecca Swenson ; 3 cr.

3480 Special Topics in Agricultural Education

(Student Option;)
67343 001 LEC, 11:45-13:00 MW, Ruttan Hall 135B, In Person Term Based; Garrett Steede ; 1-4 cr.
67344 002 LEC, 15:00-16:15 MW, Ruttan Hall B45, In Person Term Based; Garrett Steede ; 1-4 cr.
67345 003 LEC, 13:30-14:45 TTh, Ruttan Hall 135B, In Person Term Based; Troy McKay ; 1-4 cr.
67346 004 LEC, 10:15-11:30 TTh, Ruttan Hall 135B, In Person Term Based; Troy McKay ; 1-4 cr.

3993 Undergraduate Directed Study in Agricultural Education, Communication & Marketing

(Student Option;)
68550 001 IND, In Person Term Based; Brad Greiman ; 1-4 cr.
68551 002 IND, In Person Term Based; Amy Smith ; 1-4 cr.
68552 003 IND, In Person Term Based; Rebecca Swenson ; 1-4 cr.

4011 Applied Agribusiness Marketing Strategies

(Student Option;)
56548 001 FWK, 15:00-17:00 T, Magrath Library 4, In Person Term Based; Garrett Steede ; 2 cr.

5112 Agricultural Education Program Organization and Curriculum for Youth

(Student Option;)
56168 001 LEC, 9:00-12:00 MTWThF, Room TBA, In Person Term Based; Amy Smith ; 3 cr.

5114 Agricultural Education Teaching Seminar

(Student Option;)
56170 001 LEC, 13:00-16:00 F, Magrath Library 6, 9:00-12:00 F, Magrath Library 4, In Person Term Based; Brad Greiman ; 1 cr.

5116 Coordination of SAE Programs: Work-based Learning

(A-F or Audit;)
56491 001 LEC, 13:00-16:00 MTWTh, Ruttan Hall B42, 9:00-12:00 TWTh, Room TBA, In Person Term Based; Amy Smith ; 2 cr.

5118 Strategies for Managing and Advising the FFA Organization

(A-F or Audit;)
56492 001 LEC, 13:00-16:00 MTWTh, Ruttan Hall B42, 9:00-16:00 M, Ruttan Hall B42, In Person Term Based; Brad Greiman ; 2 cr.

5280 Current Issues for the Beginning Agricultural Education Teacher

(Student Option;)
56809 001 LEC, In Person Term Based; Brad Greiman ; 1-3 cr.

5698 Teaching Internship

(Student Option; Prereq: Admission to initial licensure program)
56653 001 LEC, 00:00-00:00 , , In Person Term Based; Brad Greiman, Amy Smith, Lavyne Rada ; 2-8 cr.

5993 Directed Study in Agricultural Education and Extension

(Student Option;)
56259 001 IND, 00:00-00:00 , , Independent/Directed Study; Brad Greiman ; 1-4 cr.
56666 002 IND, 00:00-00:00 , , Independent/Directed Study; Amy Smith ; 1-4 cr.
56722 003 IND, 00:00-00:00 , , Independent/Directed Study; Rebecca Swenson ; 1-4 cr.

5995 Integrating Paper--Master of Education: Agricultural and Extension Education

(A-F or Audit;)
56169 001 IND, 00:00-00:00 , , Independent/Directed Study; Brad Greiman, Amy Smith ; 1-5 cr.

Agronomy and Plant Genetics (AGRO)**1093 Directed Studies**

(Student Option; Prereq: 4 cr in agronomy, instr consent)
56313 001 IND, 00:00-00:00 , , In Person Term Based; Kevin Smith ; 1-4 cr.

1101 Biology of Plant Food Systems

(Student Option; BIOL)
56707 001 LEC, 13:00-14:15 MW, Bruininks Hall 312, In Person Term Based; Jennifer Kimball ; 4 cr.
56708 002 LAB, 15:00-17:00 M, Plant Growth Facility 132, In Person Term Based; Jennifer Kimball ; 4 cr.
56709 003 LAB, 10:30-12:30 T, Plant Growth Facility 132, In Person Term Based; Jennifer Kimball ; 4 cr.
56710 004 LAB, 12:30-14:30 T, Plant Growth Facility 132, In Person Term Based; Jennifer Kimball ; 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 GeneticsWI)
56792 001 LEC, 10:40-12:35 F, Plant Growth Facility 140A/B, In Person Term Based; Mary Brakke ; 2 cr.

3203W Environment, Global Food Production, and the Citizen

(Student Option; GP,WI)
56224 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.

4096W Professional Experience Program: Internships

(A-F only; WI)
56245 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)
56777 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])
56468 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)
56508 001 LEC, 11:45-13:00 MW, McNeal Hall 310, In Person Term Based; Meets With: 001 ENT 5121; Nancy Jo Ehlike, Daniel Cariveau ; 4 cr.
56509 002 DIS, 13:00-13:50 M, McNeal Hall 310, 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)
56712 001 LEC, 11:45-13:00 MW, Borlaug Hall 306, In Person Term Based; Nicholas Jordan ; 3 cr.
56716 003 DIS, 13:00-13:50 W, Borlaug Hall 306, In Person Term Based; Nicholas Jordan ; 3 cr.
56717 002 DIS, 13:00-13:50 M, Borlaug Hall 306, In Person Term Based; Nicholas Jordan ; 3 cr.

5431 Applied Plant Genomics and Bioinformatics

(Student Option; Prereq: Grad student or [undergrad with genetics course])
66893 001 LEC, 12:50-13:40 MW, Borlaug Hall 213, In Person Term Based; Candice Hirsch ; 3 cr.
66894 002 LAB, 13:45-15:30 M, Borlaug Hall 213, In Person Term Based; Candice Hirsch ; 3 cr.

Akkadian (AKKA)**5012 Elementary Akkadian II**

(Student Option; Prereq: 5011)
66948 001 LEC, 13:30-16:00 F, Nicholson Hall 201, In Person Term Based; Eva von Dassow ; 3 cr.

American Indian Studies (AMIN)**1002 Indigenous Peoples in Global Perspective**

(A-F or Audit; GP)
54814 001 LEC, 11:15-12:30 TTh, Nicholson Hall 155, In Person Term Based; Meets With: 001 POL 1019; Juliana Hu Pegues, Christine DeLisle ; 3 cr.

1003 American Indians in Minnesota

(A-F or Audit; DSJ,HIS)
54181 001 LEC, 11:15-12:30 MW, Mechanical Engineering 18, In Person Term Based; Alex Ghebregzi ; 3 cr.
54642 002 LEC, 13:00-14:15 MW, Mechanical Engineering 18, In Person Term Based; Alex Ghebregzi ; 3 cr.

1912 Strange Spirits: Monsters, Star Beings, and Other Mysterious Creatures in American Indian Literature

(A-F only;)
66944 001 DIS, 14:30-15:45 TTh, Nicholson Hall 145, In Person Term Based; Carter Meland ; 3 cr.

3201W American Indian Literature

(A-F only; DSJ,WI,LITR)
52942 002 LEC, 14:00-15:45 MW, Nicholson Hall 315, In Person Term Based; Gabriela Spears-Rico ; 3 cr.
67168 001 LEC, 9:45-11:00 TTh, Burton Hall 123, In Person Term Based; Carter Meland ; 3 cr.

3301 American Indian Philosophies

(Student Option; AH,DSJ)
52492 002 LEC, 9:45-11:00 MW, Scott Hall 4, In Person Term Based; Meets With: 001 RELS 3321; Alex Ghebregzi ; 3 cr.

3303 American Indians and Photography

(Student Option; AH,DSJ)
67721 001 LEC, 14:30-17:00 T, Akerman Hall 317, In Person Term Based; Christine DeLisle ; 3 cr.

3402 American Indians and the Cinema

(A-F or Audit; AH,DSJ)
54527 001 LEC, Completely Online; Meets With: 001 AMIN 5402; Vicente Diaz ; 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)
55426 001 LEC, 12:20-13:10 MWF, Wulling Hall 240, In Person Term Based; Zoe Brown ; 3 cr.

3711 Dakota Culture and History

(Student Option; DSJ,HIS)
52579 001 LEC, 13:00-14:15 MW, Nicholson Hall 345, In Person Term Based; Wayne Bendickson ; 3 cr.

3896 Internship for Academic Credit

(A-F only;)
68850 001 IND, Independent/Directed Study; Carter Meland ; 1-4 cr.

4501 Law, Sovereignty, and Treaty Rights

(Student Option; Prereq: 1001)
67273 001 LEC, 14:00-17:00 W, Appleby Hall 3, In Person Term Based; David Wilkins ; 3 cr.

4511 American Indian Political Economy

(Student Option; Prereq: 1001)
67169 001 LEC, 14:30-17:00 T, Wulling Hall 240, In Person Term Based; David Wilkins ; 3 cr.

4994 Directed Research

(Student Option; Prereq: instr consent, dept consent, college consent.)
52987 001 IND, In Person Term Based; 1-12 cr.

4996 Field Study

(Student Option; Prereq: instr consent, dept consent, college consent.)
52664 001 FWK, In Person Term Based; 1-12 cr.

5402 American Indians and the Cinema

(A-F or Audit; AH,DSJ)
54528 001 LEC, Completely Online; Meets With: 001 AMIN 3402; Vicente Diaz ; 3 cr.

8301 Critical Indigenous Theory

(A-F only;)
67539 001 DIS, 11:00-14:00 Th, , In Person Term Based; Vicente Diaz ; 3 cr.

American Sign Language (ASL)

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

50514 001 DIS, Completely Online; Marissa Polvere ; 5 cr.
 50515 002 DIS, Completely Online; Jonathan Penny ; 5 cr.
 50516 003 DIS, 8:30-10:25 MW, Lrng & Environmental Sci 140C, In Person Term Based; Sherri Rademacher ; 5 cr.
 50517 004 DIS, 10:40-12:35 MW, Lrng & Environmental Sci 140C, In Person Term Based; Shirley Applebee ; 5 cr.
 50518 005 DIS, 12:50-14:45 MW, Lrng & Environmental Sci 140C, In Person Term Based; Sherri Rademacher ; 5 cr.
 50519 006 DIS, 8:30-10:25 TTh, Lrng & Environmental Sci 140C, In Person Term Based; 5 cr.
 50520 007 DIS, 12:50-14:45 TTh, Lrng & Environmental Sci 140C, In Person Term Based; 5 cr.
 51108 009 DIS, 17:10-21:00 T, Lrng & Environmental Sci 140C, In Person Term Based; Marissa Polvere ; 5 cr.
 51591 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)**

50521 002 DIS, 12:50-14:45 MW, Lrng & Environmental Sci 140B, In Person Term Based; Leah Dolezal ; 5 cr.
 50522 003 DIS, 15:00-16:55 MW, Lrng & Environmental Sci 140C, In Person Term Based; 5 cr.
 50523 004 DIS, 17:10-21:00 W, Lrng & Environmental Sci 140C, In Person Term Based; Leah Dolezal ; 5 cr.
 50524 005 DIS, 10:40-12:35 TTh, Lrng & Environmental Sci 140C, In Person Term Based; Bradley Neubarth ; 5 cr.
 50525 006 DIS, 12:50-14:45 TTh, Lrng & Environmental Sci 140B, In Person Term Based; Marissa Polvere ; 5 cr.
 50781 001 DIS, Completely Online; Nishani McCluskey ; 5 cr.

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

50531 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)**

50526 001 DIS, 8:30-10:25 MW, Lrng & Environmental Sci 140B, In Person Term Based; Nishani McCluskey ; 5 cr.
 50527 002 DIS, 12:50-14:45 MW, Lrng & Environmental Sci 140A, In Person Term Based; Nishani McCluskey ; 5 cr.
 50528 003 DIS, 17:10-21:00 W, Lrng & Environmental Sci 140B, In Person Term Based; ; 5 cr.
 50782 004 DIS, 10:40-12:35 TTh, Lrng & Environmental Sci 140A, In Person Term Based; Shirley Applebee ; 5 cr.
 67710 005 DIS, 15:00-16:55 TTh, Lrng & Environmental Sci 140B, In Person Term Based; Shirley Applebee ; 5 cr.

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

50529 002 DIS, 12:50-14:45 MW, Ruttan Hall B26, In Person Term Based; Bradley Neubarth ; 5 cr.
 50530 003 DIS, 10:40-12:35 TTh, Lrng & Environmental Sci 140B, In Person Term Based; Bradley Hardin ; 5 cr.
 50780 004 DIS, 15:00-16:55 TTh, Lrng & Environmental Sci 140A, In Person Term Based; Bradley Hardin ; 5 cr.
 51564 001 DIS, 8:30-10:25 MW, Lrng & Environmental Sci 140A, In Person Term Based; Bradley Neubarth ; 5 cr.
 51794 005 DIS, 17:10-21:00 T, Lrng & Environmental Sci 140B, 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)**

55236 001 LEC, 18:20-20:50 W, Nicholson Hall 355, In Person Term Based; Lei Zhang ; 3 cr.

1401 Comparative Genders and Sexualities**(Student Option; DSJ)**

67096 001 LEC, 13:00-14:15 TTh, Nicholson Hall 145, In Person Term Based; Kale Fajardo ; 3 cr.

1511 Americans Abroad: Rethinking Travel, Culture, & Empire**(Student Option; GP,HIS)**

67097 001 LEC, 14:30-17:00 Th, Nicholson Hall 125, In Person Term Based; Lorena Munoz, Paige Mitchell ; 3 cr.

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

54435 001 LEC, 11:15-12:30 TTh, Bruininks Hall 220, In Person Term Based; David Karjane ; 3 cr.

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

55357 001 LEC, 14:30-15:45 TTh, Nicholson Hall 275, 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)**

55616 001 LEC, 9:45-11:00 MW, Peik Gymnasium G55, In Person Term Based; Elliott Powell ; 3 cr.

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

55358 001 LEC, 9:45-11:00 TTh, Burton Hall 125, In Person Term Based; Kale Fajardo ; 3 cr.

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

53695 001 LEC, 13:00-14:15 MW, Nicholson Hall 155, In Person Term Based; Elliott Powell ; 4 cr.
 53853 002 DIS, 13:00-13:50 T, Appleby Hall 102, In Person Term Based; 4 cr.
 53854 004 DIS, 13:00-13:50 T, Scott Hall 4, In Person Term Based; 4 cr.
 53855 008 DIS, 12:00-12:50 M, Kolthoff Hall 132, In Person Term Based; 4 cr.
 53856 009 DIS, 12:00-12:50 W, Kolthoff Hall 132, In Person Term Based; 4 cr.

3896 Internship for Academic Credit**(Student Option;)**

68700 001 IND, Independent/Directed Study; 1-4 cr.

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

52633 001 IND, 00:00-00:00 , In Person Term Based; 1-9 cr.

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

54076 001 LEC, 11:15-12:30 MW, Appleby Hall 102, In Person Term Based; Aaron Eddens ; 3 cr.

4301 Workers and Consumers in the Global Economy**(Student Option; DSJ)**

67098 001 LEC, 11:15-12:30 TTh, Appleby Hall 102, In Person Term Based; Matthew Boynton ; 3 cr.

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

53559 001 LEC, 16:00-18:30 T, Kolthoff Hall 140, In Person Term Based; Brenda Child ; 3 cr.

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

52491 001 LEC, 13:25-15:20 W, Appleby Hall 11, In Person Term Based; Jennifer Pierce ; 3 cr.

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

53374 001 FWK, 13:25-15:20 M, Appleby Hall 3, In Person Term Based; Bianet Castellanos ; 3 cr.

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

52810 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)**

52891 001 IND, In Person Term Based; 1-24 cr.

8920 Topics in American Studies**(Student Option;)**

67463 001 LEC, 16:00-18:00 T, Scott Hall 105, In Person Term Based; Martin Manalansan ; 3-4 cr.

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

52590 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)**

61819 001 LEC, 9:05-9:55 MW, 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)**

61801 001 LAB, 10:10-12:05 M, Jackson Hall 5-151, In Person Term Based; Anthony Weinhaus ; 2 cr.
 61802 002 LAB, 12:20-14:15 M, Jackson Hall 5-151, In Person Term Based; 2 cr.
 61803 003 LAB, 14:30-16:25 M, Jackson Hall 5-151, In Person Term Based; 2 cr.
 61804 004 LAB, 10:10-12:05 T, Jackson Hall 5-151, In Person Term Based; 2 cr.
 61805 005 LAB, 12:20-14:15 T, Jackson Hall 5-151, In Person Term Based; 2 cr.
 61806 006 LAB, 14:30-16:25 T, Jackson Hall 5-151, In Person Term Based; Anthony Weinhaus ; 2 cr.
 61807 007 LAB, 10:10-12:05 W, Jackson Hall 5-151, In Person Term Based; Anthony Weinhaus ; 2 cr.
 61808 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)**

61837 001 LAB, 9:05-12:05 Th, Jackson Hall 5-151, 10:10-12:05 M, Jackson Hall 5-151, In Person Term Based; Anthony Weinhaus ; 3 cr.
 61838 002 LAB, 9:05-12:05 Th, Jackson Hall 5-151, 12:20-14:15 M, Jackson Hall 5-151, In Person Term Based; Anthony Weinhaus ; 3 cr.
 61839 003 LAB, 9:05-12:05 Th, Jackson Hall 5-151, 14:30-16:25 M, Jackson Hall 5-151, In Person Term Based; Anthony Weinhaus ; 3 cr.
 61840 004 LAB, 9:05-12:05 Th, Jackson Hall 5-151, 10:10-12:05 T, Jackson Hall 5-151, In Person Term Based; Anthony Weinhaus ; 3 cr.
 61841 005 LAB, 9:05-12:05 Th, Jackson Hall 5-151, 12:20-14:15 T, Jackson Hall 5-151, In Person Term Based; Anthony Weinhaus ; 3 cr.
 61842 006 LAB, 9:05-12:05 Th, Jackson Hall 5-151, 14:30-16:25 T, Jackson Hall 5-151, In Person Term Based; Anthony Weinhaus ; 3 cr.
 61843 007 LAB, 9:05-12:05 Th, Jackson Hall 5-151, 10:10-12:05 W, Jackson Hall 5-151, In Person Term Based; Anthony Weinhaus ; 3 cr.
 61844 008 LAB, 9:05-12:05 Th, Jackson Hall 5-151, 12:20-14:15 W, Jackson Hall 5-151, 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)**

61809 001 LEC, 16:30-17:45 TTh, Molecular Cellular Biol 3-120, 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)**

61810 001 LAB, 18:00-20:00 M, Jackson Hall 5-151, In Person Term Based; Anthony Weinhaus ; 2 cr.
 61811 002 LAB, 18:00-20:00 W, Jackson Hall 5-151, In Person Term Based; 2 cr.
 61812 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)**

61813 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)
61814 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)
61850 001 LAB, 00:00-00:00 , , In Person Term Based; 2-8
cr.

7800 Integrated Preparation for Internship

(H-N only;)
61911 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)
61622 001 LEC, In Person Term Based; 3 cr.

7015 Directed Study, Anesthesia Topics/ Project Course Development

(H-N or Audit;)
61623 001 LEC, In Person Term Based; 1-15 cr.

7181 Introduction to Anesthesiology

(P-N only;)
62074 011 ROT, In Person Term Based; 2 cr.
62222 012 ROT, In Person Term Based; 2 cr.
62223 021 ROT, In Person Term Based; 2 cr.
62224 022 ROT, In Person Term Based; 2 cr.
62225 031 ROT, In Person Term Based; 2 cr.
62226 032 ROT, In Person Term Based; 2 cr.
62227 041 ROT, In Person Term Based; 2 cr.
62228 042 ROT, In Person Term Based; 2 cr.

7182 Anesthesiology Research

(H-N only;)
61624 099 IND, In Person Term Based; 2-8 cr.

7183 Anesthesiology Advanced Elective

(H-N only;)
61796 001 ROT, In Person Term Based; 4 cr.
62075 002 ROT, In Person Term Based; 4 cr.
62076 003 ROT, In Person Term Based; 4 cr.
62077 004 ROT, In Person Term Based; 4 cr.

7185 Anesthesia Advanced Elective - VA

(H-N only;)
68401 001 ROT, In Person Term Based; 4 cr.
68402 002 ROT, In Person Term Based; 4 cr.
68403 003 ROT, In Person Term Based; 4 cr.
68404 004 ROT, In Person Term Based; 4 cr.

7186 Clinical Practice in Anesthesia

(H-N or Audit;)
61625 001 LEC, In Person Term Based; 15 cr.

7286 Directed Study Anesthesia Project: Clinical

(H-N or Audit;)
61626 001 LEC, In Person Term Based; 1-15 cr.

8269 Research in Anesthesia

(Student Option;)
61627 001 LEC, In Person Term Based; 1 cr.

Animal Science (ANSC)

1101 Introductory Animal Science

(Student Option;)
56254 001 LEC, 8:30- 9:20 MWF, Ruttan Hall B45, In Person
Term Based; Anthony Seykora ; 4 cr.
56255 003 LAB, 10:40-12:35 Th, Haecker Hall 365, In
Person Term Based; Anthony Seykora ; 4 cr.
56256 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;)
56824 001 LEC, Completely Online; Anup Kollanoor Johny ;
3 cr.

1205 Animal Handling - Livestock

(A-F only;)
56827 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;)

56277 001 LEC, Completely Online; Marshall Stern ; 3 cr.

2012 Livestock and Carcass Evaluation

(Student Option;)
56257 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;)
67718 001 LEC, 13:30-14:45 MW, Haecker Hall 365, In
Person Term Based; Beth Ventura ; 3 cr.

2016 Introduction to Applied Animal Behavior

(A-F only;)
67719 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)
56591 001 LEC, 13:30-14:45 TTh, Haecker Hall 205, In
Person Term Based; Marcia Hathaway ; 3 cr.

3011 Statistics for Animal Science

(Student Option;)
56359 001 LEC, 10:15-11:30 TTh, Ruttan Hall B35, In
Person Term Based; Mary Raeth ; 4 cr.
56679 002 LAB, 12:50-14:45 W, Lrng & Environmental Sci
220, In Person Term Based; Mary Raeth ; 4 cr.
56680 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;)
56631 001 IND, Independent/Directed Study; 1-3 cr.

3141 Advanced Dairy Judging

(Student Option; Prereq: 2011 or instr consent)
56361 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)
56516 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.)
56648 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)
56678 001 LAB, 8:30-10:25 Th, Andrew Boss Laboratory
365, In Person Term Based; Melissa Palmer ; 1 cr.
56739 002 LAB, 10:40-12:35 Th, Andrew Boss Laboratory
365, In Person Term Based; Melissa Palmer ; 1 cr.
56740 003 LAB, 12:50-14:45 Th, Andrew Boss Laboratory
365, In Person Term Based; Melissa Palmer ; 1 cr.
56823 004 LAB, 15:00-16:55 Th, Andrew Boss Laboratory
365, In Person Term Based; Melissa Palmer ; 1 cr.
56864 005 LAB, 17:10-19:05 Th, Andrew Boss Laboratory
365, In Person Term Based; Melissa Palmer ; 1 cr.
68767 006 LAB, 10:40-12:35 W, Andrew Boss Laboratory
365, In Person Term Based; Melissa Palmer ; 1 cr.

3307 Artificial Insemination Techniques

(S-N or Audit; Prereq: instr consent)
56451 001 LAB, In Person Term Based; Anthony Seykora ; 1
cr.

3511 Animal Growth and Development

(Student Option; Prereq: College-level biology course)
56263 001 LEC, 10:15-11:30 TTh, Haecker Hall 205, In
Person Term Based; 3 cr.

3609 Business Planning for Animal Enterprises

(Student Option;)
64655 001 LEC, 13:55-15:55 F, Haecker Hall 205, In Person
Term Based; Samuel Baidoo, Anup Kollanoor Johny ; 2 cr.

3801 Livestock Merchandising

(Student Option; Prereq: Jr or sr or instr consent)
68092 001 LEC, 9:35-10:25 MWF, Haecker Hall 205, In
Person Term Based; Kyle Rozeboom ; 3 cr.

4009W Undergraduate Research Thesis

(A-F or Audit; Prereq: Jr or sr major in AnSc, instr
consentW)
56310 001 IND, 00:00-00:00 , , In Person Term Based; Laura
Mauro ; 1-6 cr.

4011 Dairy Cattle Genetics

(Student Option; Prereq: (prereq 3221, previous or
current registration in 4604, at least junior status))
56360 001 LEC, 11:45-12:35 MWF, Haecker Hall 205, In
Person Term Based; Leslie Hansen ; 3 cr.

4092 Special Problems in Animal Science

(Student Option; Prereq: instr consent)
56279 001 IND, 00:00-00:00 , , In Person Term Based;
Andres Gomez ; 1-4 cr.
68642 002 IND, Independent/Directed Study; Beth Ventura ;
1-4 cr.

4093 Tutorial in Animal Science

(Student Option; Prereq: instr consent)
56280 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)
56278 001 FWK, 00:00-00:00 , , In Person Term Based;
Marshall Stern ; 1-3 cr.
56607 002 FWK, 00:00-00:00 , , Independent/Directed Study;
Brian Crooker ; 1-3 cr.
56608 003 FWK, Independent/Directed Study; Anup
Kollanoor Johny ; 1-3 cr.
56609 004 FWK, Independent/Directed Study; Beth Ventura ;
1-3 cr.
56610 005 FWK, 00:00-00:00 , , Independent/Directed Study;
Melissa Palmer ; 1-3 cr.
56611 006 FWK, 00:00-00:00 , , Independent/Directed Study;
Leslie Hansen ; 1-3 cr.
56612 007 FWK, 00:00-00:00 , , Independent/Directed Study;
Marcia Hathaway ; 1-3 cr.
56613 008 FWK, 00:00-00:00 , , Independent/Directed Study;
Scott O'Grady ; 1-3 cr.
56614 009 FWK, 00:00-00:00 , , Independent/Directed Study;
1-3 cr.
56615 010 FWK, 00:00-00:00 , , Independent/Directed Study;
Laura Mauro ; 1-3 cr.
56616 011 FWK, Independent/Directed Study; 1-3 cr.
56617 012 FWK, 00:00-00:00 , , Independent/Directed Study;
Anthony Seykora ; 1-3 cr.
56618 013 FWK, 00:00-00:00 , , Independent/Directed Study;
Gerald Shurson ; 1-3 cr.
56619 014 FWK, 00:00-00:00 , , Independent/Directed Study;
1-3 cr.
56620 015 FWK, 00:00-00:00 , , Independent/Directed Study;
1-3 cr.
56621 016 FWK, 00:00-00:00 , , Independent/Directed Study;
1-3 cr.
56626 017 FWK, 00:00-00:00 , , Independent/Directed Study;
Kyle Rozeboom ; 1-3 cr.
56639 018 FWK, 00:00-00:00 , , Independent/Directed Study;
Mary Raeth ; 1-3 cr.
56659 019 FWK, 00:00-00:00 , , Independent/Directed Study;
1-3 cr.

4403 Ruminant Nutrition of Production & Exotic Animals

(Student Option;)
56276 001 LEC, 10:40-11:30 W, Ruttan Hall B25, Partially
Online; Marshall Stern ; 3 cr.

4602 Sheep Production Systems Management

(Student Option;)
56628 001 LEC, 12:50-13:40 MWF, Haecker Hall 205, In
Person Term Based; Kyle Rozeboom ; 4 cr.
56629 002 LAB, 13:50-15:30 W, Lab TBA, 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)
56260 001 LEC, 16:05-17:50 M, Ruttan Hall B22, In Person
Term Based; Marcia Endres ; 4 cr.
56261 002 LAB, 13:05-17:50 T, Haecker Hall 365, In Person
Term Based; Marcia Endres ; 4 cr.

4614 Advanced Dairy Production Systems Management

(Student Option; Prereq: 4604)

56317 001 LEC, 16:05-18:00 M, Haecker Hall 205, In Person Term Based; Marcia Endres ; 4 cr.
 56318 002 LAB, 13:05-17:50 Th, Ruttan Hall B30, In Person Term Based; 4 cr.
 68107 003 LAB, 13:05-19:00 T, Biological Sciences Ctr 12, In Person Term Based; ; 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)

56826 001 LEC, 15:00-16:30 TTh, Haecker Hall 205, In Person Term Based; Meets With: 001 CFAN 3091V; Milena Saqui-Salces ; 3 cr.

5626 Nutritional Physiology

(A-F only;)

56768 001 LEC, 8:45-10:00 TTh, Ruttan Hall B25, 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)

64774 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)

56641 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)

56406 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8211 Animal Growth and Development

(Student Option; Prereq: instr consent)

56480 001 LEC, 00:00-00:00 , , In Person Term Based; William Dayton ; 3 cr.

8294 Research in Muscle Chemistry and Physiology

(Student Option; Prereq: instr consent)

56407 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)

56535 001 LEC, 00:00-00:00 , , In Person Term Based; 3 cr.

8320 Concepts and Developments in Nutritional Physiology

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

56312 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)

56372 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8394 Research in Animal Nutrition

(Student Option; Prereq: instr consent)

56408 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)

56389 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8494 Research in Animal Physiology

(Student Option; Prereq: instr consent)

56409 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8510 Graduate Seminar

(Student Option; Prereq: instr consent)

56367 001 LEC, 15:00-16:00 M, Haecker Hall 205, In Person Term Based; Milena Saqui-Salces ; 1 cr.

8594 Research in Animal Science

(Student Option; Prereq: instr consent)

56410 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)

56401 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])

56419 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)

56438 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)

56882 001 IND, In Person Term Based; 1 cr.

Anthropology (ANTH)

1001 Human Evolution

(Student Option; BIOL)

52321 001 LEC, 11:15-12:30 TTh, Willey Hall 175, In Person Term Based; Gilbert Tostevin ; 4 cr.

52321 001 LEC, 11:15-12:30 TTh, Willey Hall 175, In Person Term Based; Gilbert Tostevin ; 4 cr.

52322 003 LAB, 11:15-13:15 M, Blegen Hall 345, In Person Term Based; 4 cr.

52323 004 LAB, 13:30-15:30 M, Blegen Hall 345, In Person Term Based; 4 cr.

52324 005 LAB, 15:45-17:45 M, Blegen Hall 345, In Person Term Based; 4 cr.

52325 006 LAB, 8:45-10:45 T, Blegen Hall 345, In Person Term Based; 4 cr.

52326 007 LAB, 13:00-15:00 T, Blegen Hall 345, In Person Term Based; 4 cr.

52327 008 LAB, 15:15-17:15 T, Blegen Hall 345, In Person Term Based; 4 cr.

52328 009 LAB, 9:00-11:00 W, Blegen Hall 345, In Person Term Based; 4 cr.

52329 010 LAB, 11:15-13:15 W, Blegen Hall 345, In Person Term Based; 4 cr.

52330 011 LAB, 13:30-15:30 W, Blegen Hall 345, In Person Term Based; 4 cr.

52331 013 LAB, 13:00-15:00 Th, Blegen Hall 345, In Person Term Based; 4 cr.

52332 020 LEC, 18:30-21:00 W, Blegen Hall 110, In Person Term Based; 4 cr.

52646 002 LAB, 9:00-11:00 M, Blegen Hall 345, In Person Term Based; 4 cr.

52661 021 LAB, 18:00-20:00 Th, Blegen Hall 345, In Person Term Based; 4 cr.

52662 022 LAB, 18:00-20:00 M, Blegen Hall 345, In Person Term Based; 4 cr.

54835 012 LAB, 9:05-11:00 Th, Blegen Hall 345, In Person Term Based; 4 cr.

1003V Understanding Cultures: Honors

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

54155 001 LEC, 9:45-11:00 TTh, Anderson Hall 210, In Person Term Based; Meets With: 001 ANTH 1003W; Hoon Song ; 4 cr.

54490 002 DIS, 11:15-12:05 Th, Blegen Hall 230, In Person Term Based; Hoon Song ; 4 cr.

1003W Understanding Cultures

(Student Option; GP,WI,SOCS)

52998 001 LEC, 9:45-11:00 TTh, Anderson Hall 210, In Person Term Based; Meets With: 001 ANTH 1003V; Hoon Song ; 4 cr.

54483 002 DIS, 14:30-15:20 M, Blegen Hall 260, In Person Term Based; 4 cr.

54484 003 DIS, 11:15-12:05 T, Blegen Hall 205, In Person Term Based; 4 cr.

54485 004 DIS, 14:30-15:20 T, Blegen Hall 260, In Person Term Based; 4 cr.

54486 005 DIS, 10:10-11:00 W, Blegen Hall 115, In Person Term Based; 4 cr.

54487 007 DIS, 11:15-12:05 Th, Blegen Hall 205, In Person Term Based; 4 cr.

54488 006 DIS, 12:20-13:10 Th, Blegen Hall 205, In Person Term Based; 4 cr.

54489 020 LEC, 18:20-21:30 T, Blegen Hall 10, In Person Term Based; Rebecca Bria ; 4 cr.

1911W Changing Human Adaptations

(Student Option No Audit; ENV,WI)

66673 001 DIS, 13:00-14:15 TTh, Blegen Hall 335, In Person Term Based; Martha Tappen ; 3 cr.

2006 Humans and Aliens: Learning Anthropology through Science Fiction

(Student Option; GP)

55687 001 LEC, 9:05-9:55 MWF, Blegen Hall 330, 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;)

54154 001 LEC, 9:45-11:00 TTh, Anderson Hall 350, In Person Term Based; Meets With: 001 EEB 3002; 4 cr.

54189 002 LAB, 10:10-11:00 M, Blegen Hall 318, In Person Term Based; Meets With: 002 EEB 3002; 4 cr.

54190 003 LAB, 11:15-12:05 T, Blegen Hall 318, In Person Term Based; Meets With: 003 EEB 3002; 4 cr.

54191 004 LAB, 14:30-15:20 T, Blegen Hall 318, In Person Term Based; Meets With: 004 EEB 3002; 4 cr.

54192 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;)

54478 001 LEC, 9:45-11:00 MW, Blegen Hall 10, In Person Term Based; Jean Langford ; 3 cr.

3004 Great Controversies in Anthropology

(A-F or Audit; GP,SOCS)

66670 001 LEC, 13:00-14:15 TTh, Blegen Hall 260, In Person Term Based; David Lipset ; 3 cr.

3006 Humans and Aliens: Learning Anthropology through Science Fiction

(Student Option; GP)

55688 001 LEC, 9:05-9:55 MWF, Blegen Hall 330, In Person Term Based; Meets With: 001 ANTH 2006; Gilbert Tostevin ; 3 cr.

3009 Prehistoric Pathways to World Civilizations

(Student Option; HIS)

52333 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.

3015W Biology, Evolution, and Cultural Development of Language & Music

(Student Option; SOCS,WI)

66671 001 LEC, 13:00-14:15 TTh, Anderson Hall 230, In Person Term Based; Meets With: 001 ANTH 5015W; William Beaman ; 3 cr.

3023 Culture and Society of India

(Student Option; GP,SOCS)

55700 001 LEC, 14:30-17:00 W, Blegen Hall 140, In Person Term Based; Meets With: 001 GLOS 3961; Gloria Raheja ; 3 cr.

3035 Anthropologies of Death

(A-F or Audit; GP,SOCS)

55691 001 LEC, 13:00-14:15 MW, Blegen Hall 110, In Person Term Based; Jean Langford ; 3 cr.

3036 The Body in Society

(Student Option;)

66667 001 LEC, 9:45-11:00 TTh, Hubert H. Humphrey School 25, In Person Term Based; David Valentine ; 3 cr.

3043 Art, Aesthetics and Anthropology

(Student Option;)

55696 001 DIS, 14:30-15:45 TTh, Blegen Hall 140, In Person Term Based; Hoon Song ; 3 cr.

3047W Anthropology of Sex, Gender and Sexuality

(Student Option; WI)

66665 001 LEC, 16:00-17:15 MW, Blegen Hall 110, In Person Term Based; Erin Durban-Albrecht ; 3 cr.

3049W Anthropology of Social Class

(A-F only; WI)

66767 001 LEC, 13:00-15:30 W, Blegen Hall 230, In Person Term Based; David Lipset ; 3 cr.

3145W Urban Anthropology

(Student Option; WI)

66918 001 LEC, 13:00-15:30 F, Blegen Hall 120, In Person Term Based; Meets With: 001 ANTH 5045W; Steven Kosiba ; 3 cr.

3206 Sex, Murder, and Bodily Discharges: Purity and Pollution in the Ancient World

(Student Option;)
68311 001 DIS, 13:00-14:15 MW, Appleby Hall 103, In Person Term Based; Meets With: 001 CNES 3206001 JWST 3206001 RELS 3206; Patricia Ahearne-Kroll ; 3 cr.

3306W Medical Anthropology

(A-F or Audit; Prereq: 1003 or 1005 or entry level soci course recommendedGP,WI)
54825 001 LEC, 18:00-20:30 W, Blegen Hall 5, In Person Term Based; Karen-Sue Taussig ; 3 cr.

3405 Human Skeletal Analysis

(Student Option;)
55692 001 LEC, 13:00-15:00 M, Blegen Hall 318, In Person Term Based; Meets With: 001 ANTH 5405; 4 cr.
55693 002 LAB, 13:00-14:00 F, Blegen Hall 318, In Person Term Based; Meets With: 002 ANTH 5405; 4 cr.

3913 Capstone Project Planning

(A-F only; Prereq: [Jr or sr] anth major, instr consent)
52334 001 IND, 00:00-00:00 , , In Person Term Based; William Beeman ; 1 cr.
54249 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1 cr.
54250 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1 cr.
54251 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1 cr.
54252 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1 cr.
54253 008 IND, 00:00-00:00 , , In Person Term Based; David Lipset ; 1 cr.
54254 009 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1 cr.
54255 010 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1 cr.
54256 011 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1 cr.
54257 012 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1 cr.
54258 013 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1 cr.
54259 014 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1 cr.
54260 015 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1 cr.
54261 016 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1 cr.
54262 017 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1 cr.
54263 018 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1 cr.
66309 002 IND, In Person Term Based; Erin Durban-Albrecht ; 1 cr.
66311 007 IND, In Person Term Based; Jean Langford ; 1 cr.
66312 019 IND, In Person Term Based; Michael Wilson, Kara Kersteter ; 1 cr.

3980 Topics in Anthropology

(Student Option;)
66666 001 LEC, 18:00-20:30 M, Blegen Hall 110, In Person Term Based; Jen Hughes ; 3 cr.
68555 002 LEC, 9:45-11:00 W, Blegen Hall 230, 9:45-11:00 M, Blegen Hall 455, In Person Term Based; Steven Kosiba ; 3 cr.

4001 Advanced Method and Theory in Archaeology

(Student Option;)
66912 001 LEC, 10:00-12:30 F, Blegen Hall 140, In Person Term Based; Rebecca Bria ; 3 cr.

4003W Contemporary Perspectives in Cultural Anthropology

(A-F or Audit; Prereq: [1003 or 1005], or instr consentWI)
55698 001 LEC, 14:30-15:45 TTh, Blegen Hall 430, In Person Term Based; Gloria Raheja ; 3 cr.

4007 Laboratory Techniques in Archaeology

(Student Option; Prereq: instr consent)
53566 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;)
55667 001 FWK, 00:00-00:00 , , In Person Term Based; Meets With: 001 ANTH 4007; Matt Edling ; 1-4 cr.

4013 Capstone Project

(Student Option; Prereq: sr major, instr consent)
52376 001 IND, 00:00-00:00 , , In Person Term Based; William Beeman ; 1-3 cr.
54264 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1-3 cr.
54265 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1-3 cr.
54266 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-3 cr.
54267 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1-3 cr.
54268 008 IND, 00:00-00:00 , , In Person Term Based; David Lipset ; 1-3 cr.
54269 009 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-3 cr.
54270 010 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-3 cr.
54271 011 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-3 cr.
54272 012 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-3 cr.
54273 013 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-3 cr.
54274 014 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-3 cr.
54275 015 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-3 cr.
54276 016 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-3 cr.
54277 017 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-3 cr.
54278 018 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-3 cr.
66313 002 IND, In Person Term Based; Erin Durban-Albrecht ; 1-3 cr.
66314 007 IND, In Person Term Based; Jean Langford ; 1-3 cr.
66315 019 IND, In Person Term Based; Michael Wilson ; 1-3 cr.

4013H Honors Thesis

(A-F only; Prereq: Sr major, honors student, instr consent)
54716 001 IND, 00:00-00:00 , , In Person Term Based; William Beeman ; 3 cr.
54717 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 3 cr.
54718 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 3 cr.
54719 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 3 cr.
54720 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 3 cr.
54721 008 IND, 00:00-00:00 , , In Person Term Based; David Lipset ; 3 cr.
54722 009 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 3 cr.
54723 010 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 3 cr.
54724 011 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 3 cr.
54725 012 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 3 cr.
54726 013 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 3 cr.
54727 014 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 3 cr.
54728 015 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 3 cr.
54729 016 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 3 cr.
54730 017 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 3 cr.
54731 018 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 3 cr.
66316 002 IND, In Person Term Based; Erin Durban-Albrecht ; 3 cr.
66317 007 IND, In Person Term Based; Jean Langford ; 3 cr.
66318 019 IND, In Person Term Based; Michael Wilson ; 3 cr.

4031W Anthropology and Social Justice

(Student Option; Prereq: 1003 or 1005 or 4003 or grad student or instr consentWI,CIV)
55690 001 DIS, 13:00-14:15 TTh, Blegen Hall 330, In Person Term Based; David Valentine ; 4 cr.

4043 Romans, Anglo-Saxons and Vikings: Archaeology of Northern Europe

(Student Option;)
55266 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.

4121 Business Anthropology

(Student Option;)

55269 001 LEC, 9:30-12:00 W, Hubert H. Humphrey School 35, In Person Term Based; Meets With: 001 ANTH 5121; William Beeman ; 3 cr.

4991 Independent Study

(Student Option; Prereq: instr consent)
54279 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1-6 cr.
54280 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1-6 cr.
54281 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-6 cr.
54282 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1-6 cr.
54283 008 IND, 00:00-00:00 , , In Person Term Based; David Lipset ; 1-6 cr.
54284 009 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-6 cr.
54285 010 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-6 cr.
54286 011 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-6 cr.
54287 012 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-6 cr.
54288 013 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-6 cr.
54289 014 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-6 cr.
54290 015 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-6 cr.
54291 016 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-6 cr.
54292 017 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-6 cr.
54293 018 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-6 cr.
66322 001 IND, In Person Term Based; William Beeman ; 1-6 cr.
66323 002 IND, In Person Term Based; Erin Durban-Albrecht ; 1-6 cr.
66324 007 IND, In Person Term Based; Jean Langford ; 1-6 cr.
66325 019 IND, In Person Term Based; Michael Wilson ; 1-6 cr.

4992 Directed Readings

(Student Option; Prereq: instr consent)
52335 001 IND, 00:00-00:00 , , In Person Term Based; William Beeman ; 1-6 cr.
54294 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1-6 cr.
54295 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1-6 cr.
54296 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-6 cr.
54297 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1-6 cr.
54298 008 IND, 00:00-00:00 , , In Person Term Based; David Lipset ; 1-6 cr.
54299 009 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-6 cr.
54300 010 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-6 cr.
54301 011 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-6 cr.
54302 012 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-6 cr.
54303 013 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-6 cr.
54304 014 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-6 cr.
54305 015 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-6 cr.
54306 016 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-6 cr.
54307 017 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-6 cr.
54308 018 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-6 cr.
66326 002 IND, In Person Term Based; Erin Durban-Albrecht ; 1-6 cr.
66327 007 IND, In Person Term Based; Jean Langford ; 1-6 cr.
66328 019 IND, In Person Term Based; Michael Wilson ; 1-6 cr.

4993 Directed Study

(Student Option; Prereq: instr consent)
52336 001 IND, 00:00-00:00 , , In Person Term Based; William Beeman ; 1-6 cr.
54309 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1-6 cr.
54310 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1-6 cr.
54311 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-6 cr.

54312 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1-6 cr.
 54313 008 IND, 00:00-00:00 , , In Person Term Based; David Lipset ; 1-6 cr.
 54314 009 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-6 cr.
 54315 010 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-6 cr.
 54316 011 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-6 cr.
 54317 012 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-6 cr.
 54318 013 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-6 cr.
 54319 014 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-6 cr.
 54320 015 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-6 cr.
 54321 016 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-6 cr.
 54322 017 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-6 cr.
 54323 018 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-6 cr.
 66329 002 IND, In Person Term Based; Erin Durban-Albrecht ; 1-6 cr.
 66330 007 IND, In Person Term Based; Jean Langford ; 1-6 cr.
 66331 019 IND, In Person Term Based; Michael Wilson ; 1-6 cr.

4994W Directed Research

(Student Option; Prereq: instr consentWI)

52337 001 IND, 00:00-00:00 , , In Person Term Based; William Beeman ; 1-6 cr.
 54324 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1-6 cr.
 54325 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1-6 cr.
 54326 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-6 cr.
 54327 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1-6 cr.
 54328 008 IND, 00:00-00:00 , , In Person Term Based; David Lipset ; 1-6 cr.
 54329 009 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-6 cr.
 54330 010 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-6 cr.
 54331 011 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-6 cr.
 54332 012 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-6 cr.
 54333 013 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-6 cr.
 54334 014 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-6 cr.
 54335 015 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-6 cr.
 54336 016 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-6 cr.
 54337 017 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-6 cr.
 54338 018 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-6 cr.
 66332 002 IND, In Person Term Based; Erin Durban-Albrecht ; 1-6 cr.
 66333 007 IND, In Person Term Based; Jean Langford ; 1-6 cr.
 66334 019 IND, In Person Term Based; Michael Wilson ; 1-6 cr.

5015W Biology, Evolution, and Cultural

Development of Language & Music

(Student Option; SOCS,WI)

66672 001 LEC, 13:00-14:15 TTh, Anderson Hall 230, In Person Term Based; Meets With: 001 ANTH 3015W; William Beeman ; 3 cr.

5045W Urban Anthropology

(Student Option; WI)

66915 001 LEC, 13:00-15:30 F, Blegen Hall 120, In Person Term Based; Meets With: 001 ANTH 3145W; Steven Kosiba ; 3 cr.

5112 Reconstructing Hominin Behavior

(A-F or Audit; Prereq: Previous coursework in Biological Anthropology or Archaeology)

66677 001 LEC, 9:30-12:00 M, Hubert H. Humphrey School 389, In Person Term Based; Meets With: 001 ANTH 8112; Martha Tappen ; 3 cr.

5113 Primate Evolution

(A-F only; Prereq: Anthropology major, junior or senior)

55268 001 LEC, 9:30-12:00 W, Blegen Hall 240, In Person Term Based; Meets With: 001 ANTH 8113; Kieran McNulty ; 3 cr.

5121 Business Anthropology

(Student Option; Prereq: MBA student)

55270 001 LEC, 9:30-12:00 W, Hubert H. Humphrey School 35, In Person Term Based; Meets With: 001 ANTH 4121; William Beeman ; 2 cr.

5128 Anthropology of Education

(Student Option;)

55983 001 LEC, 16:40-19:20 Th, Ford Hall 110, In Person Term Based; Meets With: 001 OLPD 5128; Peter Demerath ; 3 cr.

5405 Human Skeletal Analysis

(Student Option;)

55694 001 LEC, 13:00-15:00 M, Blegen Hall 318, In Person Term Based; Meets With: 001 ANTH 3405; 4 cr.
 55695 002 LAB, 13:00-14:00 F, Blegen Hall 318, In Person Term Based; Meets With: 002 ANTH 3405; 4 cr.

5448 Applied Heritage Management

(A-F only;)

68239 001 LEC, 14:30-17:00 M, Blegen Hall 225, In Person Term Based; 3 cr.

5980 Topics in Anthropology

(Student Option;)

68682 001 LEC, 9:45-11:00 M, Blegen Hall 455, 9:45-11:00 W, Blegen Hall 230, In Person Term Based; Steven Kosiba ; 3 cr.

8009 Prehistoric Pathways to World

Civilizations

(Student Option;)

55689 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.

8112 Reconstructing Hominin Behavior

(A-F or Audit;)

66678 001 LEC, 9:30-12:00 M, Hubert H. Humphrey School 389, In Person Term Based; Meets With: 001 ANTH 5112; Martha Tappen ; 3 cr.

8113 Primate Evolution

(A-F only; Prereq: Anthropology doctoral student)

66676 001 LEC, 9:30-12:00 W, Blegen Hall 240, In Person Term Based; Meets With: 001 ANTH 5113; Kieran McNulty ; 3 cr.

8333 FTE: Masters

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

52785 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

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

52811 001 IND, In Person Term Based; 1 cr.

8510 Topics in Archaeology

(Student Option;)

66797 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.
 68663 002 LEC, 10:00-12:30 F, Blegen Hall 140, In Person Term Based; Rebecca Bria ; 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)

52833 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])

52857 001 IND, In Person Term Based; 1-18 cr.

8810 Topics in Sociocultural Anthropology

(Student Option;)

66768 001 LEC, 14:30-17:00 W, Blegen Hall 425, In Person Term Based; Serra Hakyemez ; 3 cr.
 66790 002 LEC, 14:30-17:00 Th, Hubert H. Humphrey School 389, In Person Term Based; Stuart McLean ; 3 cr.

8888 Thesis Credit: Doctoral

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

52892 001 IND, In Person Term Based; 1-24 cr.

8991 Independent Study

(Student Option; Prereq: instr consent)

52338 001 IND, 00:00-00:00 , , In Person Term Based; William Beeman ; 1-18 cr.
 54339 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1-18 cr.
 54340 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1-18 cr.
 54341 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-18 cr.
 54342 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1-18 cr.
 54343 008 IND, 00:00-00:00 , , In Person Term Based; David Lipset ; 1-18 cr.
 54344 009 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-18 cr.
 54345 010 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-18 cr.
 54346 011 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-18 cr.
 54347 012 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-18 cr.
 54348 013 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-18 cr.
 54349 014 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-18 cr.
 54350 016 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-18 cr.
 54351 017 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-18 cr.
 54352 018 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-18 cr.
 54353 015 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-18 cr.
 66335 002 IND, In Person Term Based; Erin Durban-Albrecht ; 1-18 cr.
 66336 007 IND, In Person Term Based; Jean Langford ; 1-18 cr.
 66337 019 IND, In Person Term Based; Michael Wilson ; 1-18 cr.

8992 Directed Reading

(Student Option; Prereq: instr consent)

52339 001 IND, 00:00-00:00 , , In Person Term Based; William Beeman ; 1-18 cr.
 54354 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1-18 cr.
 54355 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1-18 cr.
 54356 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-18 cr.
 54357 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1-18 cr.
 54358 008 IND, 00:00-00:00 , , In Person Term Based; David Lipset ; 1-18 cr.
 54359 009 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-18 cr.
 54360 010 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-18 cr.
 54361 011 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-18 cr.
 54362 012 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-18 cr.
 54363 013 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-18 cr.
 54364 014 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-18 cr.
 54365 015 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-18 cr.
 54366 016 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-18 cr.
 54367 017 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-18 cr.
 54368 018 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-18 cr.
 66338 002 IND, In Person Term Based; Erin Durban-Albrecht ; 1-18 cr.
 66339 007 IND, In Person Term Based; Jean Langford ; 1-18 cr.
 66340 019 IND, In Person Term Based; Michael Wilson ; 1-18 cr.

8993 Directed Study

(Student Option; Prereq: instr consent)

52340 001 IND, 00:00-00:00 , , In Person Term Based; William Beeman ; 1-18 cr.
 54369 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1-18 cr.
 54370 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1-18 cr.
 54371 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-18 cr.

54372 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1-18 cr.
 54373 008 IND, 00:00-00:00 , , In Person Term Based; David Lipset ; 1-18 cr.
 54374 009 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-18 cr.
 54375 010 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-18 cr.
 54376 011 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-18 cr.
 54377 012 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-18 cr.
 54378 013 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-18 cr.
 54379 014 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-18 cr.
 54380 015 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-18 cr.
 54381 016 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-18 cr.
 54382 017 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-18 cr.
 54383 018 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-18 cr.
 66341 002 IND, In Person Term Based; Erin Durban-Albrecht ; 1-18 cr.
 66342 007 IND, In Person Term Based; Jean Langford ; 1-18 cr.
 66343 019 IND, In Person Term Based; Michael Wilson ; 1-18 cr.

8994 Directed Research

(Student Option; Prereq: instr consent)
 52341 001 FWK, 00:00-00:00 , , In Person Term Based; William Beeman ; 1-18 cr.
 54215 003 FWK, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1-18 cr.
 54216 004 FWK, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1-18 cr.
 54217 005 FWK, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-18 cr.
 54218 006 FWK, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1-18 cr.
 54219 008 FWK, 00:00-00:00 , , In Person Term Based; David Lipset ; 1-18 cr.
 54220 009 FWK, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-18 cr.
 54221 010 FWK, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-18 cr.
 54222 011 FWK, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-18 cr.
 54223 012 FWK, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-18 cr.
 54224 013 FWK, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-18 cr.
 54225 014 FWK, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-18 cr.
 54226 015 FWK, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-18 cr.
 54227 016 FWK, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-18 cr.
 54228 017 FWK, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-18 cr.
 54229 018 FWK, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-18 cr.
 66344 002 FWK, In Person Term Based; Erin Durban-Albrecht ; 1-18 cr.
 66345 007 FWK, In Person Term Based; Jean Langford ; 1-18 cr.
 66346 019 FWK, In Person Term Based; Michael Wilson ; 1-18 cr.

Apparel Design (ADES)

2196 Work Experience in Apparel Design

(S-N only; Prereq: Plan submitted/approved by [adviser, internship supervisor], written approval of supervisor, instr consent)
 49608 001 FWK, Independent/Directed Study; Elizabeth Bye ; 1-4 cr.
 49609 003 FWK, Independent/Directed Study; Lucy Dunne ; 1-4 cr.
 49650 004 FWK, Independent/Directed Study; Marilyn DeLong ; 1-4 cr.
 49969 005 FWK, In Person Term Based; Brad Holschuh ; 1-4 cr.
 49970 006 FWK, In Person Term Based; 1-4 cr.

2211 Fashion Illustration and Portfolio

Development
 (A-F or Audit;)
 49886 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)
 49606 001 LAB, 10:15-11:30 MW, McNeal Hall 10, In Person Term Based; Crystal Compton ; 3 cr.

2221 Apparel Design Studio I

(A-F or Audit; Prereq: [DHA 1201 or RM 1201], [1221 or DHA 1221], apparel design premajor)
 49607 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)
 49938 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)
 49829 001 LAB, 8:30-11:30 TTh, McNeal Hall 212, In Person Term Based; 4 cr.

3224W Apparel Design Studio IV

(A-F or Audit; Prereq: apparel design majorWI)
 49610 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)
 49611 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;)
 49612 001 LEC, 12:50-14:45 MW, McNeal Hall 10, In Person Term Based; Meets With: 001 APST 5121; 4 cr.

4160H Honors Capstone Project

(A-F only; Prereq: DHA honors)
 49613 001 LEC, In Person Term Based; Elizabeth Bye ; 2 cr.
 49614 003 LEC, In Person Term Based; Lucy Dunne ; 2 cr.
 49649 004 LEC, In Person Term Based; Marilyn DeLong ; 2 cr.

4193 Directed Study in Apparel Design

(A-F or Audit; Prereq: Undergrad, instr consent)
 49615 001 IND, Independent/Directed Study; Elizabeth Bye ; 1-4 cr.
 49616 003 IND, Independent/Directed Study; Lucy Dunne ; 1-4 cr.
 49806 004 IND, Independent/Directed Study; Marilyn DeLong ; 1-4 cr.
 49942 002 IND, In Person Term Based; Linsey Griffin ; 1-4 cr.
 49943 005 IND, In Person Term Based; Brad 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)
 49617 001 FWK, Independent/Directed Study; Elizabeth Bye ; 1-4 cr.
 49618 002 FWK, Independent/Directed Study; Linsey Griffin ; 1-4 cr.
 49619 003 FWK, Independent/Directed Study; Lucy Dunne ; 1-4 cr.
 49807 004 FWK, Independent/Directed Study; Marilyn DeLong ; 1-4 cr.
 49944 005 FWK, In Person Term Based; Brad Holschuh ; 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)
 49620 001 LEC, 13:55-14:45 TTh, McNeal Hall 10, In Person Term Based; Linsey Griffin ; 4 cr.
 49621 002 LAB, 15:00-16:55 TTh, McNeal Hall 10, In Person Term Based; 4 cr.

Apparel Studies (APST)

5117 Retail Environments and Human Behavior

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

49838 001 DIS, Completely Online; Meets With: 001 RM 4117W; Juanjuan Wu ; 3 cr.

5193 Directed Study in Apparel Studies

(A-F or Audit; Prereq: instr consent)
 49622 001 IND, In Person Term Based; Elizabeth Bye ; 1-4 cr.
 49623 003 IND, In Person Term Based; Lucy Dunne ; 1-4 cr.
 49624 004 IND, In Person Term Based; Marilyn DeLong ; 1-4 cr.
 49809 006 IND, In Person Term Based; Hye-Young Kim ; 1-4 cr.
 49810 007 IND, In Person Term Based; Juanjuan Wu ; 1-4 cr.
 49853 008 IND, In Person Term Based; Hyunjoo Im ; 1-4 cr.
 49941 002 IND, In Person Term Based; Linsey Griffin ; 1-4 cr.

5224 Functional Clothing Design

(A-F only;)
 65950 001 LEC, 9:35-12:35 MW, McNeal Hall 212, In Person Term Based; Lucy Dunne ; 4 cr.

8192 Readings in Apparel Studies

(A-F or Audit; Prereq: instr consent)
 49625 001 IND, Independent/Directed Study; Elizabeth Bye ; 1-3 cr.
 49626 003 IND, In Person Term Based; Lucy Dunne ; 1-3 cr.
 49627 004 IND, In Person Term Based; Marilyn DeLong ; 1-3 cr.
 49629 006 IND, In Person Term Based; Hye-Young Kim ; 1-3 cr.
 49630 007 IND, In Person Term Based; Juanjuan Wu ; 1-3 cr.
 49854 008 IND, In Person Term Based; Hyunjoo Im ; 1-3 cr.

8193 Directed Study

(A-F or Audit; Prereq: instr consent)
 49631 001 IND, Independent/Directed Study; Elizabeth Bye ; 1-3 cr.
 49632 003 IND, In Person Term Based; Lucy Dunne ; 1-3 cr.
 49633 004 IND, In Person Term Based; Marilyn DeLong ; 1-3 cr.
 49635 006 IND, In Person Term Based; Hye-Young Kim ; 1-3 cr.
 49636 007 IND, In Person Term Based; Juanjuan Wu ; 1-3 cr.
 49855 008 IND, In Person Term Based; Hyunjoo Im ; 1-3 cr.
 68646 002 IND, In Person Term Based; Linsey Griffin ; 1-3 cr.

8222 Plan B Master's Project

(S-N or Audit; Prereq: DHA master's student, instr consent)
 49637 001 IND, Independent/Directed Study; Elizabeth Bye ; 3 cr.
 49638 003 IND, In Person Term Based; Lucy Dunne ; 3 cr.
 49639 004 IND, In Person Term Based; Marilyn DeLong ; 3 cr.
 49641 006 IND, In Person Term Based; Hye-Young Kim ; 3 cr.
 49642 007 IND, In Person Term Based; Juanjuan Wu ; 3 cr.
 49856 008 IND, In Person Term Based; Hyunjoo Im ; 3 cr.

8268 Behavioral Aspects of Dress

(A-F or Audit;)
 65948 001 LEC, 15:00-18:00 W, McNeal Hall 250, In Person Term Based; Hyunjoo Im ; 3 cr.

Applied Business (ABUS)

3051 Career Search for the Professional Environment

(Student Option; Prerequisites: None, but upper-division status recommended.)
 63639 302 LEC, Completely Online; Jeannine Kessler ; 2 cr.
 63672 301 LEC, Completely Online; Carol Klempka ; 2 cr.
 67408 303 LEC, Completely Online; Carol Klempka ; 2 cr.
 67409 304 LEC, Completely Online; Alyssa Maples ; 2 cr.

3301 Introduction to Quality Management

(A-F or Audit; Prereq: Introductory statistics)
 63575 301 LEC, Completely Online; Scott Martens ; 3 cr.
 63809 302 LEC, Completely Online; Karen Schaffhausen ; 3 cr.

4013W Legal, Ethical, and Risk Issues for Managers

(A-F or Audit; Prereq: CMgt 4011 recommended for CMgt students, 45 semester creditsWI)
 63743 301 LEC, Completely Online; Charles Bethel ; 3 cr.
 67898 302 LEC, Completely Online; Charles Bethel ; 3 cr.

4022W Management in Organizations

(A-F or Audit; Prereq: 45 semester credits recommendedWI)
 63543 301 LEC, Completely Online; Bradley Goodell ; 3 cr.

63769 302 LEC, Completely Online; Bradley Goodell ; 3 cr.
67411 303 LEC, Completely Online; Bradley Goodell ; 3 cr.
68831 304 LEC, Completely Online; Brian Simons ; 3 cr.

4023W Communicating for Results

(A-F or Audit; Prereq: 45 cr completed/WI)
63574 301 LEC, Completely Online; Bradley Goodell ; 3 cr.
63623 302 LEC, Completely Online; Bradley Goodell ; 3 cr.
63788 303 LEC, Completely Online; Ann Lowry ; 3 cr.

4041 Dynamics of Leadership

(A-F or Audit; Prereq: 45 cr completed)
63547 301 LEC, Completely Online; David Kaiser ; 3 cr.
63810 302 LEC, Completely Online; David Kaiser ; 3 cr.

4043 Project Management in Practice

(A-F or Audit; Prereq: 45 cr completed)
63770 301 LEC, Completely Online; William Bengtson ; 3 cr.
63770 301 LEC, Completely Online; William Bengtson ; 3 cr.

4101 Accounting and Finance for Managers

(A-F or Audit; Prereq: Financial accounting, 45 cr)
63539 301 LEC, Completely Online; Stacy O'Fallon ; 3 cr.
63808 302 LEC, Completely Online; Stacy O'Fallon ; 3 cr.

4104 Management and Human Resource Practices

(A-F or Audit; Prereq: 45 cr completed)
63537 301 LEC, Completely Online; Margaret Kilpatrick ; 3 cr.
67776 302 LEC, Completely Online; Uriah Giordana ; 3 cr.

4151 Innovation for Leaders and Organizations

(A-F or Audit; Prereq: 45 cr)
63581 301 LEC, Completely Online; Drew Grahek ; 3 cr.
67416 302 LEC, Completely Online; Gordon Flanders ; 3 cr.

4502 Inclusive Business Leadership: Advancing Diversity

(A-F or Audit;)
67420 301 LEC, Completely Online; Ralf Schirg ; 3 cr.

4509 New Product Development

(A-F or Audit; Prereq: [[4103 or 4701 or Mktg 3001], at least 45 cr] or instr consent)
63714 301 LEC, Completely Online; Gordon Flanders ; 3 cr.

4515 Strategy and Management for a Sustainable Future

(A-F or Audit; Prereq: 45 cr completed)
63642 301 LEC, Completely Online; Garth Hickle ; 3 cr.

4571W Introduction to Grant Writing for Health Care and Nonprofit Organizations

(A-F or Audit; WI)
63805 301 LEC, Completely Online; Ann Redelfs ; 3 cr.

4701 Introduction to Marketing

(A-F or Audit; Prereq: [Macroeconomics or microeconomics], 45 cr)
63561 301 LEC, Completely Online; Kay Rindels ; 3 cr.
67777 302 LEC, Completely Online; Kay Rindels ; 3 cr.

4702 Applied Digital Marketing

(A-F or Audit; Prerequisites: None)
67421 301 LEC, Completely Online; Jeff Neidt ; 3 cr.

4707 Financial Management for the Professional Practice

(A-F or Audit; Prereq: 45 semester cr recommended)
63789 301 LEC, Completely Online; David Lee ; 3 cr.

Applied Economics (APEC)

1101 Principles of Microeconomics

(Student Option; GP,SOCS)
56174 001 LEC, 13:30-14:45 TTh, Ruttan Hall B35, In Person Term Based; Donald Liu ; 4 cr.
56432 002 DIS, 9:35-10:25 F, McNeal Hall 395, In Person Term Based; Donald Liu ; 4 cr.
56433 003 DIS, 10:40-11:30 F, McNeal Hall 395, In Person Term Based; Donald Liu ; 4 cr.
56434 004 DIS, 11:45-12:35 F, McNeal Hall 395, In Person Term Based; Donald Liu ; 4 cr.
56720 005 DIS, 12:50-13:40 F, McNeal Hall 395, In Person Term Based; Donald Liu ; 4 cr.

1102 Principles of Macroeconomics

(Student Option; Prereq: 1101 or Econ 1101)

56175 001 LEC, 10:40-11:30 MWF, Ruttan Hall B35, In Person Term Based; Gary Cooper ; 3 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])

56176 001 LEC, 13:30-14:45 TTh, McNeal Hall 33, In Person Term Based; Elizabeth Davis ; 4 cr.
56177 002 DIS, 10:40-11:30 F, Ruttan Hall B22, In Person Term Based; Elizabeth Davis ; 4 cr.
56450 003 DIS, 11:45-12:35 F, Ruttan Hall B22, In Person Term Based; Elizabeth Davis ; 4 cr.

3002 Applied Microeconomics: Managerial Economics

(Student Option; Prereq - ApEc 3001 or Econ 3101 AND SCO 2550 or Stat 3011)

56178 001 LEC, 10:15-11:30 TTh, Ruttan Hall B25, In Person Term Based; Terry Hurley ; 4 cr.
56179 002 LAB, 10:40-12:35 W, Coffey Hall 50, In Person Term Based; Terry Hurley ; 4 cr.
56180 003 LAB, 12:50-14:45 W, Coffey Hall 50, In Person Term Based; Terry Hurley ; 4 cr.

3003 Introduction to Applied Econometrics

(A-F only; Prereq: APEC 1101 or equiv., STAT 3011 or equiv.)

56779 001 LEC, 10:15-11:30 TTh, Ruttan Hall B22, In Person Term Based; Joe Ritter ; 4 cr.
56780 002 LAB, 9:35-10:25 F, McNeal Hall 146, In Person Term Based; Joe Ritter ; 4 cr.

3004 Management Science Workshop

(Student Option; Prereq: ApEc 3001 or Econ 3101)
56885 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)

56181 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 recommendedGP)

56182 001 LEC, 9:35-10:25 MWF, Borlaug Hall 365, In Person Term Based; Carlisle Runge ; 3 cr.

3061 Economic Development in Contemporary Africa

(A-F only; Prereq: 1101 or ECON 1101GP,SOCS)
56662 001 LEC, 16:00-17:15 TTh, Blegen Hall 255, 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)
56234 001 LEC, 15:00-16:15 TTh, Ruttan Hall B45, 16:00-18:00 T, Room TBA, 17:45-21:00 Th, Ruttan Hall B45, In Person Term Based; Cindy Sorensen ; 3 cr.

3480 Topics in Applied Economics

(Student Option;)
67876 001 LEC, Primarily Online; Michael Boland ; 1-4 cr.

3611W Environmental and Natural Resource Economics

(Student Option; Prereq: 1101 or ECON 1101 or 1101H or ECON 1101HENV,WI)

56186 001 LEC, 10:40-11:30 MWF, McNeal Hall 33, In Person Term Based; Jay Coggins ; 3 cr.

3991 Independent Study in Applied Economics

(Student Option; Prereq: instr consent)
56185 001 IND, In Person Term Based; 1-4 cr.
56660 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)
56828 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)

56323 001 LEC, 8:45-10:00 TTh, Ruttan Hall 143, 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; Prereq: [APEC 3501 or FINA 3001], [APEC 1251 or ACCT 2050])
56838 001 LEC, 11:45-13:40 TTh, Coffey Hall 50, In Person Term Based; Marin Bozic, 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)

56187 001 LEC, 15:00-16:15 MW, 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)
56541 001 LEC, 10:15-11:30 Th, Coffey Hall 50, 10:15-11:30 T, Ruttan Hall B26, In Person Term Based; Elizabeth Davis ; 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)

56265 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;)
56500 001 LEC, 8:45-10:00 TTh, Ruttan Hall 143, In Person Term Based; Meets With: 001 APEC 4481; Marin Bozic ; 3 cr.

5711 Agricultural and Environmental Policy

(Student Option; Prereq: 3001 or Econ 3101)
66562 001 DIS, 11:00-12:30 MW, Ruttan Hall B30, In Person Term Based; Carlisle Runge ; 3 cr.

5751 Global Trade and Policy

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

56832 001 LEC, 13:30-14:45 MW, Magrath Library 6, 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])

56830 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)
56829 001 LEC, 17:45-21:05 T, Carlson School of Mgmt 2-219, In Person Term Based; Michael Boland ; 2 cr.

5832 The Business of Food Systems

(Student Option;)
66135 001 DIS, 9:00-13:00 MTWTh, Ruttan Hall B22, In Person Term Based; Michael Boland ; 1 cr.

5991 Special Topics and Independent Study in Applied Economics

(Student Option; Prereq: instr consent)

66563 001 IND, In Person Term Based; Ali Joglekar ; 1-4 cr.
66564 002 IND, In Person Term Based ; 1-4 cr.
66565 003 IND, In Person Term Based ; 1-4 cr.
66566 004 IND, In Person Term Based ; 1-4 cr.
66567 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)

56684 001 LEC, 15:00-16:15 TTh, Ruttan Hall B26, In Person Term Based; Stephen Polasky ; 2 cr.
56686 002 DIS, 16:30-17:45 Th, Ruttan Hall B26, In Person Term Based; Stephen Polasky ; 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)

56685 001 LEC, 15:00-16:15 TTh, Ruttan Hall B26, In Person Term Based; Jay Coggins ; 2 cr.
56687 002 DIS, 16:30-17:45 Th, Ruttan Hall B26, In Person Term Based; Jay Coggins ; 2 cr.

8212 Econometric Analysis II

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

56457 001 LEC, 15:00-15:50 F, Ruttan Hall 143, 10:40-12:35 MW, Ruttan Hall 143, In Person Term Based; Paul Glewwe, Gerard Mc Cullough ; 4 cr.

8333 FTE: Master's

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

56373 001 IND, In Person Term Based; 1 cr.

8341 Applied Public Finance

(A-F or Audit; Prereq: 8001-8004 or ECON 8001-8004 or ECON 8101-8104)

66128 001 LEC, 8:45-10:00 MW, Ruttan Hall B26, In Person Term Based; Jay Coggins, Laura Kalambokidis ; 3 cr.

8444 FTE: Doctoral

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

56390 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)

56402 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])

56420 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)

56458 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8801 Applied Production Theory

(A-F or Audit; Prereq: [Econ 8001, Econ 8002, Econ 8003] or [Econ 8101, Econ 8102, Econ 8103] or equiv or instr consent)

67348 001 LEC, 17:00-18:15 MW, Ruttan Hall B26, In Person Term Based; Rodney Smith ; 3 cr.

8803 Marketing Economics

(A-F or Audit; Prereq: [Econ 8001, Econ 8002] or [Econ 8101, Econ 8102] or instr consent)

66573 001 LEC, 13:30-14:45 MW, Ruttan Hall B36, In Person Term Based; Metin Cakir ; 3 cr.

8888 Thesis Credit: Doctoral

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

56439 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)

56253 001 LEC, 15:00-15:50 W, Ruttan Hall B26, In Person Term Based; Joe Ritter ; 1 cr.

56719 002 LEC, 13:55-14:45 Th, Ruttan Hall 143, In Person Term Based; Paul Glewwe ; 1 cr.

8904 PhD Qualifying Paper Seminar II

(S-N only; Prereq: APEC 8903)

56721 001 LEC, 14:00-14:50 F, Ruttan Hall B30, In Person Term Based; Stephen Polasky ; 1 cr.

8991 Advanced Topics in Applied Economics

(Student Option; Prereq: instr consent)

66568 001 IND, In Person Term Based; Marc Bellemare ; 1-6 cr.

66569 002 IND, In Person Term Based; Hikaru Peterson ; 1-6 cr.

66570 003 IND, In Person Term Based; Joe Ritter ; 1-6 cr.

66571 004 IND, In Person Term Based; ; 1-6 cr.

66572 005 IND, In Person Term Based; ; 1-6 cr.

Applied Plant Sciences (APSC)

8123 Research Ethics in the Plant and Environmental Sciences

(S-N or Audit;)

56510 001 LEC, In Person Term Based; Meets With: 001 PMB 8123001 SOIL 8123001 PLPA 8123; Ed Nater, Jessica Gutknecht ; 0.5 cr.

8201 Advanced Plant Breeding

(A-F or Audit;)

66224 001 LEC, 10:15-11:30 TTh, Borlaug Hall 365, In Person Term Based; Aaron Lorenz ; 3 cr.

8270 Graduate Seminar

(A-F or Audit; Prereq: Grad major in Applied Plant Sciences or instructor consent)

66225 001 LEC, 15:30-17:00 MTh, Borlaug Hall 306, In Person Term Based; Donald Wyse ; 2 cr.

8333 FTE: Master's

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

56374 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

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

56391 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)

56403 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])

56421 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)

56440 001 IND, In Person Term Based; 1-24 cr.

Applied Professional Studies (APS)

5101 Ecological Design for Horticulture

(A-F or Audit;)

67373 001 LEC, 18:00-20:30 T, Ruttan Hall B26, In Person Term Based; Daniel Halsey ; 3 cr.

6313 Harnessing Big Data

(A-F or Audit;)

67330 301 LEC, Completely Online; Mary Bell ; 3 cr.

6314 Leading Projects and Teams

(A-F or Audit;)

67331 301 LEC, Completely Online; Carol Rinkoff ; 3 cr.

6993 Directed Studies

(Student Option No Audit; Prereq: dept consent)

63643 001 IND, Independent/Directed Study; 1-6 cr.

6994 Directed Research

(S-N only; Prereq: dept consent)

63653 001 IND, Independent/Directed Study; 1-6 cr.

8001 Introduction to Research in the Biological Sciences

(A-F only;)

63727 101 DIS, 18:00-19:00 T, Ruttan Hall B36, 18:00-19:00 T, Ruttan Hall B36, 18:00-19:30 T, Ruttan Hall B36, 18:00-19:30 T, Ruttan Hall B36, Partially Online; Anke Reinders ; 1 cr.
68053 102 DIS, 15:00-16:00 W, Ruttan Hall B36, 15:00-16:00 W, Ruttan Hall B36, 15:00-16:30 W, Ruttan Hall B36, 15:00-16:30 W, Ruttan Hall B36, In Person Term Based; Anke Reinders ; 1 cr.

8002 Final Project Course for Plan B MBS Students

(S-N only; Prereq: dept consent)

63663 101 LEC, 00:00-00:00 , , Independent/Directed Study; Janet Schottel ; 2-3 cr.

8003 Capstone Course for Plan C MBS Students

(S-N only; Prereq: dept consent)

63728 101 LEC, 18:00-19:00 W, Ruttan Hall B36, 17:30-20:00 W, Ruttan Hall B36, 17:30-20:00 W, Ruttan Hall B36, Partially Online; Meets With: 102 APS 8003; Anke Reinders ; 2-3 cr.

68055 102 LEC, 18:00-19:00 W, Ruttan Hall B36, 17:30-20:00 W, Ruttan Hall B36, 17:30-20:00 W, Ruttan Hall B36, Partially Online; Meets With: 101 APS 8003; Anke Reinders ; 2-3 cr.

8110 Graduate Seminar Series

(S-N only; Prereq: dept consent)

63665 101 IND, 00:00-00:00 , , Independent/Directed Study; Janet Schottel ; 1 cr.

Arabic (ARAB)

1102 Beginning Arabic II

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

52132 001 LEC, 8:00-8:50 MTWThF, Folwell Hall 10, In Person Term Based; Meets With: 001 ARAB 4102; Mohammed Hussein ; 5 cr.

52685 002 LEC, 9:05-9:55 MTWThF, Folwell Hall 10, In Person Term Based; Meets With: 002 ARAB 4102; Mohammed Hussein ; 5 cr.

53416 003 LEC, 10:10-11:00 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 003 ARAB 4102; Mohammed Hussein ; 5 cr.

55639 004 LEC, 13:25-14:15 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 004 ARAB 4102; Hossam Elsherbiny ; 5 cr.

55640 005 LEC, 14:30-15:20 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 005 ARAB 4102; Hossam Elsherbiny ; 5 cr.

3102 Intermediate Arabic II

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

52133 001 LEC, 8:00-8:50 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 001 ARAB 4122; Rasha El Helw ; 5 cr.

53832 002 LEC, 9:05-9:55 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 002 ARAB 4122; Rasha El Helw ; 5 cr.

54448 050 LEC, 16:40-17:30 MTWThF, Folwell Hall 18, 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)

54556 001 FWK, In Person Term Based; Katrien Vanpee ; 1 cr.

3900 Topics in Arabic

(A-F only;)

66655 001 LEC, 17:45-19:30 TTh, Folwell Hall 8, In Person Term Based; Rasha El Helw ; 3 cr.

4102 Beginning Arabic II for Graduate Student Research

(Student Option No Audit; Prereq: 4101 or equiv)

53997 001 LEC, 8:00-8:50 MTWThF, Folwell Hall 10, In Person Term Based; Meets With: 001 ARAB 1102; Mohammed Hussein ; 5 cr.

53998 002 LEC, 9:05-9:55 MTWThF, Folwell Hall 10, In Person Term Based; Meets With: 002 ARAB 1102; Mohammed Hussein ; 5 cr.

53999 003 LEC, 10:10-11:00 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 003 ARAB 1102; Mohammed Hussein ; 5 cr.

54208 004 LEC, 13:25-14:15 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 004 ARAB 1102; Hossam Elsherbiny ; 5 cr.

55641 005 LEC, 14:30-15:20 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 005 ARAB 1102; Hossam Elsherbiny ; 5 cr.

4122 Intermediate Arabic II for Graduate Student Research

(Student Option No Audit; Prereq: 4121 or equiv)

54000 001 LEC, 8:00-8:50 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 001 ARAB 3102; Rasha El Helw ; 5 cr.

54001 002 LEC, 9:05-9:55 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 002 ARAB 3102; Rasha El Helw ; 5 cr.

54449 050 LEC, 16:40-17:30 MTWThF, Folwell Hall 18, In Person Term Based; Meets With: 050 ARAB 3102; Hossam Elsherbiny ; 5 cr.

5102 Advanced Arabic II

(Student Option No Audit;)
54248 001 LEC, 10:10-11:00 MTWTh, Folwell Hall 118, In Person Term Based; Katrien Vanpee ; 4 cr.

5992 Directed Readings

(Student Option;)
68375 001 IND, In Person Term Based; Katrien Vanpee ; 1-3 cr.

Architecture (ARCH)

2281 Design Fundamentals II

(A-F only; Prereq: 1281, [Arch mjr or pre-arch])
49523 001 LEC, 14:30-15:20 Th, Tate Hall B20, In Person Term Based; Adam Jarvi ; 4 cr.
49524 002 LAB, 15:45-17:45 TTh, 1425 University Ave 175, In Person Term Based; 4 cr.
49525 003 LAB, 15:45-17:45 TTh, 1425 University Ave 175, In Person Term Based; 4 cr.
49526 004 LAB, 18:00-20:00 TTh, 1425 University Ave 175, In Person Term Based; 4 cr.
49527 005 LAB, 18:00-20:00 TTh, 1425 University Ave 175, In Person Term Based; 4 cr.
49567 006 LAB, 15:45-17:45 TTh, 1425 University Ave 175, In Person Term Based; 4 cr.
49568 007 LAB, 18:00-20:00 TTh, 1425 University Ave 175, In Person Term Based; 4 cr.
68371 008 LAB, 18:00-20:00 TTh, Mechanical Engineering 212, In Person Term Based; 4 cr.
68372 009 LAB, 15:45-17:45 TTh, Amundson Hall 156, 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)
49909 001 LAB, 10:10-12:05 MW, Rapson Hall 11, In Person Term Based; Isaac Tapp ; 4 cr.

3223 BDA: Screen Test: Metal Work

(A-F only;)
49980 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])
68154 001 LEC, 9:05-12:05 MW, Rapson Hall 251, In Person Term Based; James Wheeler ; 1-6 cr.
68155 002 LEC, 9:05-12:05 MWF, Room TBA, In Person Term Based; Jennifer Newsom ; 1-6 cr.
68156 003 LEC, 14:30-18:30 TTh, Rapson Hall 251, In Person Term Based; Mark Tambornino ; 1-6 cr.
68157 004 LEC, 13:25-16:25 M, Rapson Hall 251, 13:25-15:25 F, Rapson Hall 251, 13:25-17:25 W, Rapson Hall 251, In Person Term Based; Julia Robinson ; 1-6 cr.
68158 005 LEC, 17:30-19:30 T, Rapson Hall 58, In Person Term Based; Abigail Merlis ; 1-6 cr.
68159 006 LEC, 9:45-12:30 WF, Room TBA, In Person Term Based; Teri Kwant ; 1-6 cr.
68160 007 LEC, 14:30-17:30 TTh, Room TBA, In Person Term Based; Marcelo Valdes ; 1-6 cr.
68161 008 LEC, 15:25-17:25 M, Rapson Hall 251, 13:25-15:25 F, Rapson Hall 251, 13:25-17:25 W, Rapson Hall 251, In Person Term Based; Lisa Hsieh ; 1-6 cr.
68162 009 LEC, 13:00-15:45 TTh, Rapson Hall 251, In Person Term Based; Arthur Chen ; 1-6 cr.

3282 Undergraduate Architecture Studio II

(A-F only; Prereq: [3281 or 4281], BS Arch major)
49329 001 LAB, 13:25-17:25 MWF, Lab TBA, In Person Term Based; Arthur Chen, Matthew Byers, Robert Ganser, Nina Ebbighausen ; 6 cr.

3351 AutoCAD I

(Student Option; Prereq: Arch major or BED major or instr consent)
49504 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;)
49935 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)

49332 001 LEC, 9:45-11:00 TTh, Rapson Hall 100, In Person Term Based; Meets With: 001 ARCH 3412H; Robert Ferguson ; 3 cr.
49333 003 DIS, 11:15-12:05 M, Akerman Hall 313, In Person Term Based; Robert Ferguson ; 3 cr.
49334 006 DIS, 11:15-12:05 W, Akerman Hall 313, In Person Term Based; Robert Ferguson ; 3 cr.
49335 008 DIS, 11:15-12:05 W, Mechanical Engineering 221, In Person Term Based; Robert Ferguson ; 3 cr.
49336 009 DIS, 11:15-12:05 F, Akerman Hall 227, In Person Term Based; Robert Ferguson ; 3 cr.
49337 013 DIS, 11:15-12:05 F, Rapson Hall 43, In Person Term Based; Robert Ferguson ; 3 cr.
49566 010 DIS, 18:30-19:20 M, Akerman Hall 215, In Person Term Based; Robert Ferguson ; 3 cr.

3412H Honors: Architectural History Since 1750

(A-F or Audit; Prereq: Soph, honorsGP,HIS)
49439 002 DIS, 11:15-12:05 Th, Rapson Hall 58, In Person Term Based; Robert Ferguson ; 3 cr.
49452 001 LEC, 9:45-11:00 TTh, Rapson Hall 100, In Person Term Based; Meets With: 001 ARCH 3412; Robert Ferguson ; 3 cr.

3611 Design in the Digital Age

(A-F or Audit;)
49425 001 LEC, 9:05-9:55 MWF, Rapson Hall 56, In Person Term Based; Meets With: 001 ARCH 5611; 3 cr.

3756 Public Interest Design: Principles and Practices

(A-F or Audit;)
49974 001 LEC, 9:05-12:05 F, Akerman Hall 211, In Person Term Based; Meets With: 001 ARCH 5756; James Wheeler ; 3 cr.

4150 Topics in Architecture

(A-F or Audit; Prereq: Arch major or instr consent)
68318 001 LEC, 16:00-17:15 TTh, Ford Hall 170, In Person Term Based; Meets With: 001 ARCH 5350; Christian Korab ; 1-4 cr.
68319 002 LEC, 11:15-12:30 TTh, Peik Hall 375, In Person Term Based; Vahan Misakyan ; 1-4 cr.

4194H Thesis/Capstone Project

(A-F only; Prereq: Arch major, sr, honors)
49831 001 IND, 10:30-12:00 W, Civil Engineering Bldg 214, Independent/Directed Study; Gail Dubrow ; 3 cr.

4284 Undergraduate Architecture Studio IV

(A-F only; Prereq: 4283, BS Arch major)
49441 001 LAB, 13:25-17:30 MWF, Lab TBA, In Person Term Based; Arthur Chen, Natalya Egon ; 6 cr.

4341 Architecture Portfolio Design

(A-F only;)
49936 001 LAB, 13:00-14:15 TTh, Rapson Hall 35, In Person Term Based; Martha McQuade ; 3 cr.

4424 Renaissance Architecture

(A-F or Audit; Prereq: 3411 or instr consent)
68290 001 LEC, 13:00-14:15 TTh, Rapson Hall 58, In Person Term Based; Meets With: 001 ARCH 5424; Robert Ferguson ; 3 cr.

4561 Architecture and Ecology

(A-F or Audit; ENV)
49506 001 LEC, 11:15-12:30 TTh, Rapson Hall 100, In Person Term Based; Dan Handeen ; 3 cr.
49507 002 LAB, 9:05-9:55 M, Rapson Hall 35, In Person Term Based; 3 cr.
49508 003 LAB, 11:15-12:05 M, Rapson Hall 35, In Person Term Based; 3 cr.
49509 004 LAB, 9:05-9:55 W, Rapson Hall 35, In Person Term Based; 3 cr.
49511 006 LAB, 9:05-9:55 F, Rapson Hall 35, In Person Term Based; 3 cr.
49512 007 LAB, 11:15-12:05 W, Rapson Hall 35, In Person Term Based; 3 cr.
49513 008 LAB, 11:15-12:05 M, Rapson Hall 109, In Person Term Based; 3 cr.
49514 009 LAB, 11:15-12:05 W, Rapson Hall 109, In Person Term Based; 3 cr.
49554 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)
49910 001 LEC, 14:30-15:45 TTh, Rapson Hall 100, In Person Term Based; Thomas Fisher ; 3 cr.
68291 002 DIS, 16:00-16:50 T, Mechanical Engineering 108, In Person Term Based; 3 cr.

68292 003 DIS, 16:00-16:50 Th, Mechanical Engineering 108, In Person Term Based; 3 cr.

5110 Architecture as Catalyst

(S-N only; Prereq: M.Arch)
49581 001 LEC, 7:00-18:00 MTWThF, Room TBA, In Person Term Based; 1 cr.
49582 002 LEC, 7:00-18:00 MTWThF, Room TBA, In Person Term Based; 1 cr.
49583 003 LEC, 7:00-18:00 MTWThF, Room TBA, In Person Term Based; 1 cr.
49584 004 LEC, 7:00-18:00 MTWThF, Room TBA, In Person Term Based; 1 cr.

5250 Advanced Topics in Design

(A-F only;)
68320 001 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Lisa Hsieh ; 1-6 cr.
68321 002 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Andrzej Piotrowski ; 1-6 cr.
68322 003 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Jacob Mans ; 1-6 cr.
68323 004 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Jennifer Newsom ; 1-6 cr.
68324 005 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Mary Guzowski ; 1-6 cr.
68325 006 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Garrett Mosiman, Dan Handeen ; 1-6 cr.
68326 007 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Richard Graves ; 1-6 cr.
68382 008 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Malini Srivastava ; 1-6 cr.
68650 009 LEC, In Person Term Based; Jacob Mans ; 1-6 cr.

5350 Topics in Architectural Representation

(A-F or Audit;)
68730 001 LEC, 16:00-17:15 TTh, Ford Hall 170, In Person Term Based; Meets With: 001 ARCH 4150; Christian Korab ; 1-4 cr.

5391 Design and Representation with BIM

(A-F or Audit;)
49976 001 LEC, 18:00-20:30 Th, McNeal Hall 305, In Person Term Based; Meets With: 001 ARCH 3391; Benjamin Delwiche ; 3 cr.

5413 Modern and Contemporary Global Architecture

(A-F only;)
67908 001 LEC, 11:15-12:30 MW, Bruininks Hall 131B, In Person Term Based; Daniela Sandler ; 3 cr.

5424 Renaissance Architecture

(A-F or Audit; Prereq: MS Arch or M Arch major or instr consent)
49869 001 LEC, 13:00-14:15 TTh, Rapson Hall 58, In Person Term Based; Meets With: 001 ARCH 4424; Robert Ferguson ; 3 cr.

5518 Environmental Technology: Integrative Ecological Design for Responsive Architecture

(A-F only;)
67916 001 LEC, 13:00-14:15 TTh, Rapson Hall 109, In Person Term Based; Christopher Wingate, Patrick Smith ; 3 cr.

5561 Tech 1, Structures for Building

(A-F only; Prereq: M Arch major or instr consent)
68035 001 LEC, 11:15-12:30 MW, Ford Hall 115, In Person Term Based; Saura Jost ; 3 cr.

5651 Building Stories

(A-F only;)
49845 001 LEC, 15:00-17:45 TTh, Smith Hall 331, In Person Term Based; 3 cr.

5673 Historic Property Research and Documentation

(Student Option; Prereq: [3412, 3641, 4671, 5671, 4672 or 5672] or instr consent)
49828 001 LEC, 16:00-19:00 Th, Akerman Hall 211, In Person Term Based; 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)
49813 001 LEC, 9:45-12:30 TTh, Rapson Hall 109, In Person Term Based; Thomas Fisher ; 3 cr.

5721 Case Studies in Urban Design

(A-F or Audit; Prereq: Grad student or instr consent)
67909 001 LEC, 9:45-12:30 TTh, Rapson Hall 109, In Person Term Based; Cynthia Jara ; 3 cr.

5756 Public Interest Design: Principles and Practices

(A-F or Audit;)
49973 001 LEC, 9:05-12:05 F, Akerman Hall 211, In Person Term Based; Meets With: 001 ARCH 3756; James Wheeler ; 3 cr.

8254 Technical Applications in Design

(A-F or Audit; Prereq: [8253, MArch major] or dept consent)
49423 001 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Eric Amel ; 3 cr.
49520 002 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Paul Yaggie, Dzenita Hadziomerovic ; 3 cr.
49521 003 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; Christine Albertsson ; 3 cr.
68327 004 LAB, 13:25-17:30 MWF, Room TBA, In Person Term Based; Mike Christenson ; 3 cr.

8299 Master's Final Project

(S-N only; Prereq: Plan C, MArch)
49587 001 LEC, 13:25-17:30 MWF, Room TBA, In Person Term Based; 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)
49516 001 LEC, 14:30-17:15 Th, Rapson Hall 35, 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)
49515 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])
49437 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)
52128 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.
52129 002 DIS, 10:00-12:05 F, Regis Center for Art W132, In Person Term Based; Christina Schmid ; 3 cr.
54110 004 DIS, 10:00-12:05 F, , In Person Term Based; 3 cr.
54464 003 DIS, 10:00-12:05 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)
55404 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.
55425 002 DIS, 10:00-12:05 F, Regis Center for Art W247, In Person Term Based; Christina Schmid ; 3 cr.

1002 Art and Life: Thinking About Ethics Through Art

(Student Option; AH,CIV)
54733 001 LEC, 13:25-15:55 W, Regis Center for Art E110, In Person Term Based; Christina Schmid ; 3 cr.

1101 Introduction to Drawing

(Student Option; AH)
52108 001 LAB, 13:25-16:25 MW, Regis Center for Art W244, In Person Term Based; Travis McEwen ; 4 cr.
52109 002 LAB, 18:00-22:00 M, Regis Center for Art W244, In Person Term Based; Kristen Sanders ; 4 cr.
52110 003 LAB, 18:00-22:00 W, Regis Center for Art W244, In Person Term Based; Ethan Pope ; 4 cr.
52111 004 LAB, 9:05-12:05 TTh, Regis Center for Art W244, In Person Term Based; Lamar Peterson ; 4 cr.
52113 006 LAB, 18:00-22:00 T, Regis Center for Art W260, In Person Term Based; Sean Connaughty ; 4 cr.

52114 007 LAB, 18:00-22:00 Th, Regis Center for Art W260, In Person Term Based; Laura Stack ; 4 cr.
54910 008 LAB, 10:10-14:10 F, Regis Center for Art W244, In Person Term Based; Travis McEwen ; 4 cr.
54911 009 LAB, 10:10-14:10 Sa, Regis Center for Art W270, In Person Term Based; Nooshin Hakim Javadi ; 4 cr.
54912 010 LAB, 9:05-12:05 MW, Regis Center for Art W244, In Person Term Based; David Feinberg ; 4 cr.
55142 011 LAB, 9:05-12:05 MW, Regis Center for Art W270, In Person Term Based; Nooshin Hakim Javadi ; 4 cr.

1102 Introduction to Painting

(Student Option; AH)
52135 001 LAB, 13:25-16:25 MW, Regis Center for Art W264, In Person Term Based; Jim Hittinger ; 4 cr.
66180 002 LAB, 18:00-22:00 M, Regis Center for Art W268, In Person Term Based; Leslie Barlow ; 4 cr.

1103 Introduction to Printmaking: Relief, Screen and Digital Processes

(Student Option; AH)
53644 001 LAB, 18:00-21:00 MW, Regis Center for Art W189, In Person Term Based; Drew Peterson ; 4 cr.
54576 002 LAB, 13:25-16:25 TTh, Regis Center for Art W189, In Person Term Based; Corinne Teed ; 4 cr.

1104 Introduction to Drawing and Printmaking

(Student Option;)
66181 001 LAB, 13:25-16:25 MW, Regis Center for Art W189, In Person Term Based; Drew Peterson ; 4 cr.

1107 Introduction to Digital Drawing

(Student Option; AH)
55579 001 LAB, 9:05-12:05 TTh, Regis Center for Art W240, In Person Term Based; Corinne Teed ; 4 cr.
67148 002 LAB, 10:00-14:00 F, Regis Center for Art W240, In Person Term Based; Mark Schoening ; 4 cr.

1701 Introduction to Photography

(Student Option; AH)
52105 001 LAB, 9:05-12:05 MW, Regis Center for Art W137, In Person Term Based; Beth Dow ; 4 cr.
52106 002 LAB, 13:25-16:25 MW, Regis Center for Art W137, In Person Term Based; Leslie Grant ; 4 cr.
54688 003 LAB, 18:00-21:00 MW, Regis Center for Art W137, In Person Term Based; Caroline Houdek Solomon ; 4 cr.
54913 004 LAB, 13:25-16:25 TTh, Regis Center for Art W137, In Person Term Based; Pao Her ; 4 cr.
54914 005 LAB, 18:00-21:00 TTh, Regis Center for Art W137, In Person Term Based; Pao Her ; 4 cr.
55137 006 LAB, 9:00-14:00 F, Regis Center for Art W137, In Person Term Based; Sarah Sampedro ; 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)
52127 002 LAB, 13:25-15:20 TTh, Regis Center for Art W248, In Person Term Based; Rolf Belgum ; 4 cr.
52783 003 LAB, 18:00-22:00 T, Regis Center for Art W248, In Person Term Based; Sam Hoolihan ; 4 cr.
55124 001 LAB, 9:05-11:00 MW, Regis Center for Art W248, In Person Term Based; Lynn Lukkas ; 4 cr.

1801 Introduction to Ceramics

(Student Option; AH)
52119 002 LAB, 9:05-12:05 MW, Regis Center for Art E154, In Person Term Based; Tetsuya Yamada ; 4 cr.
52120 001 LAB, 18:00-21:00 TTh, Regis Center for Art E156, In Person Term Based; Stephanie DeArmond ; 4 cr.
53241 004 LAB, 9:05-12:05 TTh, Regis Center for Art E154, In Person Term Based; Thomas Lane ; 4 cr.
53345 003 LAB, 9:05-12:05 MW, Regis Center for Art E156, In Person Term Based; Priya Thoresen ; 4 cr.
54915 005 LAB, 9:05-12:05 TTh, Regis Center for Art E156, In Person Term Based; Ginny Sims-Burchard ; 4 cr.

1802 Introduction to Sculpture

(Student Option; AH)
53253 001 LAB, 9:05-12:05 MW, Regis Center for Art E117, In Person Term Based; Pedram Baldari ; 4 cr.
53254 002 LAB, 9:05-12:05 TTh, Regis Center for Art E117, In Person Term Based; Pedram Baldari ; 4 cr.
53255 003 LAB, 13:25-16:25 TTh, Regis Center for Art E117, In Person Term Based; Tamsie Ringler ; 4 cr.
55581 004 LAB, 10:00-14:00 F, Regis Center for Art E117, In Person Term Based; Tamsie Ringler ; 4 cr.

1803 Introduction to Sculpture and Ceramics

(Student Option;)
55582 001 LAB, 13:25-16:25 TTh, Regis Center for Art E154, In Person Term Based; Erin Paradis ; 4 cr.

3110 Intermediate Drawing

(Student Option; Prereq: 1101 or 1104)
52104 001 LAB, 13:25-16:25 TTh, Regis Center for Art W270, In Person Term Based; Clarence Morgan ; 4 cr.

3120 Intermediate Painting

(Student Option; Prereq: 1102)
52103 001 LAB, 9:05-12:05 TTh, Regis Center for Art W268, In Person Term Based; Clarence Morgan ; 4 cr.

3140 Figure Drawing

(Student Option; Prereq: 1101 or 1104)
55580 001 LAB, 13:25-16:25 MW, Regis Center for Art W270, In Person Term Based; Kristen Sanders ; 4 cr.

3150 Dimensional Painting

(Student Option; Prereq: 1102)
54598 001 LAB, 9:05-12:05 MW, Regis Center for Art W268, In Person Term Based; Mathew Zefeldt ; 4 cr.

3170 Intermediate Digital Drawing

(Student Option; Prereq: 1107)
54096 001 LAB, 13:25-16:25 TTh, Regis Center for Art W240, In Person Term Based; Mark Schoening ; 4 cr.

3180 Zines, Comics, and Books

(A-F or Audit;)
55405 001 LAB, 9:05-12:05 MW, Regis Center for Art W240, In Person Term Based; Tomasz Kaczynski ; 4 cr.

3206W Art + Ecology

(A-F or Audit; WI)
66182 001 LEC, 13:25-14:55 TTh, Regis Center for Art W123, In Person Term Based; Sean Connaughty ; 4 cr.

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

(A-F or Audit; Prereq: [junior] or instr consentAH,WI,CIV)
55587 001 LEC, 11:00-12:30 TTh, Regis Center for Art E110, In Person Term Based; Meets With: 001 ARTS 3401W; Regan Golden-McNerney ; 3 cr.

3401W Critical Theories and Their Construction From a Studio Perspective

(Student Option; Prereq: instr consentWI,CIV,AH)
54620 001 LEC, 11:00-12:30 TTh, Regis Center for Art E110, In Person Term Based; Meets With: 001 ARTS 3401W; Regan Golden-McNerney ; 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)
54737 001 LEC, 18:00-21:00 T, Regis Center for Art E110, In Person Term Based; Emmett Ramstad ; 3 cr.

3490 Workshop in Art

(Student Option;)
68232 001 LAB, 18:00-21:05 T, Regis Center for Art W247, In Person Term Based; ; 1-4 cr.

3720 The Extended Image

(Student Option; Prereq: 1701)
53048 001 LAB, 9:05-12:05 TTh, Regis Center for Art W132, In Person Term Based; Jeffrey Millikan ; 4 cr.

3730 Intermediate Digital Photography

(Student Option; Prereq: 1701)
53033 001 LAB, 9:05-12:05 MW, Regis Center for Art W121, In Person Term Based; Melissa Borman ; 4 cr.

3750 Narrative Digital Filmmaking

(Student Option; Prereq: [1704 or instr consent])
55138 001 LAB, 9:05-12:05 TTh, Regis Center for Art W121, In Person Term Based; Meets With: 001 ARTS 5750; Rolf Belgum ; 4 cr.

3770 Animation

(Student Option; Prereq: 1704)
53049 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.
54803 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.

3780 Super 8 and 16 MM Filmmaking

(A-F or Audit;)

66184 001 LAB, 18:00-22:00 M, Regis Center for Art W121, In Person Term Based; Meets With: 001 ARTS 5780; Kevin Obsatz ; 4 cr.

3820 Ceramic: Wheel Throwing

(Student Option; Prereq: 1801)
52121 001 LAB, 13:25-16:25 MW, Regis Center for Art E156, In Person Term Based; Erin Paradis ; 4 cr.

3830 Ceramic Sculpture

(Student Option; Prereq: 1801)
66183 001 LAB, 13:25-16:25 MW, Regis Center for Art E154, In Person Term Based; Tetsuya Yamada ; 4 cr.

3850 Foundry and Metal Sculpture

(Student Option; Prereq: 1802)
54597 001 LAB, 18:00-21:00 TTh, Regis Center for Art E170, In Person Term Based; Meets With: 001 ARTS 5850; Tamsie Ringler ; 4 cr.

3860 Sculpture and Installation

(Student Option; Prereq: 1802)
55586 001 LAB, 13:25-16:25 MW, Regis Center for Art E123, In Person Term Based; Meets With: 001 ARTS 5860; Pedram Baldari ; 4 cr.

3890 3D Modeling and Digital Fabrication

(Student Option;)
56149 001 LAB, 18:00-22:00 W, Regis Center for Art W248, In Person Term Based; Meets With: 001 ARTS 5890; Robin Schwartzman ; 4 cr.

3896 Internship

(S-N or Audit; Prereq: BFA Art major, instr consent)
52979 001 FWK, 00:00-00:00 , , In Person Term Based; 1-3 cr.

5110 Advanced Drawing

(Student Option; Prereq: previously completed a 3XXX course in Drawing or Painting)
52194 001 LAB, 13:25-16:25 TTh, Regis Center for Art W260, In Person Term Based; Lamar Peterson ; 4 cr.

5120 Advanced Painting

(Student Option; Prereq: 3120 or instr consent)
52175 001 LAB, 13:25-16:25 MW, Regis Center for Art W268, In Person Term Based; David Feinberg ; 4 cr.

5140 Advanced Printmaking

(Student Option; Prereq: ARTS 3130 Intermediate Printmaking or permission of instructor.)
53157 001 LAB, 9:05-12:05 TTh, Regis Center for Art W187, In Person Term Based; Jenny Schmid ; 4 cr.

5404 BA Capstone and Exhibition

(S-N only;)
55578 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;)
55670 001 IND, 10:10-14:10 F, Regis Center for Art E134, In Person Term Based; Paul Shambroom ; 4 cr.

5710 Advanced Photography

(Student Option; Prereq: Two semesters of 3xxx photography or instr consent)
52107 001 LAB, 13:25-16:25 MW, Regis Center for Art W121, In Person Term Based; Xavier Tavera Castro ; 4 cr.

5750 Advanced Narrative Digital Filmmaking

(Student Option; Prereq: 3750)
55139 001 LAB, 9:05-12:05 TTh, Regis Center for Art W121, In Person Term Based; Meets With: 001 ARTS 3750; Rolf Belgium ; 4 cr.

5770 Animation

(Student Option; Prereq: 3770)
53050 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.
54804 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.

5780 Advanced Super 8 and 16 MM Filmmaking

(A-F or Audit;)
66185 001 LAB, 18:00-22:00 M, Regis Center for Art W121, In Person Term Based; Meets With: 001 ARTS 3780; Kevin Obsatz ; 4 cr.

5810 Advanced Ceramics

(Student Option; Prereq: 3820 and 3830)
53194 001 LAB, 13:25-16:25 TTh, Regis Center for Art E155, In Person Term Based; Thomas Lane ; 4 cr.

5850 Advanced Foundry and Metal Sculpture

(Student Option; Prereq: 3850 or instr consent)
55253 001 LAB, 18:00-21:00 TTh, Regis Center for Art E170, In Person Term Based; Meets With: 001 ARTS 3850; Tamsie Ringler ; 4 cr.

5860 Advanced Sculpture

(Student Option;)
55589 001 LEC, 13:25-16:25 MW, Regis Center for Art E123, In Person Term Based; Meets With: 001 ARTS 3860; Pedram Baldari ; 4 cr.

5890 3D Modeling and Digital Fabrication

(Student Option;)
56150 001 LAB, 18:00-22:00 W, Regis Center for Art W248, In Person Term Based; Meets With: 001 ARTS 3890; Robin Schwartzman ; 4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
52786 001 IND, 00:00-00:00 , , In Person Term Based; Patricia Straub ; 1 cr.

8403 MFA Professional Practices and Teaching Pedagogy

(A-F only;)
55324 001 DIS, 16:45-17:55 TTh, Regis Center for Art E231, In Person Term Based; Xavier Tavera Castro ; 3 cr.

8410 MFA Critique Seminar

(A-F only;)
54627 001 LAB, 13:00-16:00 F, Regis Center for Art E231, In Person Term Based; Diane Willow ; 3 cr.

8420 MFA Studio

(A-F only;)
55437 003 FWK, In Person Term Based; David Feinberg ; 1-6 cr.
55438 004 FWK, In Person Term Based; Thomas Lane ; 1-6 cr.
55440 006 FWK, In Person Term Based; Lynn Lukkas ; 1-6 cr.
55441 007 FWK, In Person Term Based; Clarence Morgan ; 1-6 cr.
55442 008 FWK, In Person Term Based; Monica Moses Haller ; 1-6 cr.
55443 009 FWK, In Person Term Based; Lamar Peterson ; 1-6 cr.
55444 010 FWK, In Person Term Based; Jenny Schmid ; 1-6 cr.
55445 012 FWK, In Person Term Based; Paul Shambroom ; 1-6 cr.
55446 013 FWK, In Person Term Based; Corinne Teed ; 1-6 cr.
55447 014 FWK, In Person Term Based; Diane Willow ; 1-6 cr.
55448 015 FWK, In Person Term Based; Tetsuya Yamada ; 1-6 cr.
55449 016 FWK, In Person Term Based; Mathew Zefeldt ; 1-6 cr.
55450 017 FWK, In Person Term Based; Tamsie Ringler ; 1-6 cr.
55451 018 FWK, In Person Term Based; Christina Schmid ; 1-6 cr.
55452 020 FWK, In Person Term Based; Pedram Baldari ; 1-6 cr.
68510 021 FWK, In Person Term Based; Xavier Tavera Castro ; 1-6 cr.

8450 MFA Creative Thesis

(A-F only;)
55592 003 IND, In Person Term Based; David Feinberg ; 1-9 cr.
55593 004 IND, In Person Term Based; Thomas Lane ; 1-9 cr.
55595 006 IND, In Person Term Based; Lynn Lukkas ; 1-9 cr.
55596 007 IND, In Person Term Based; Clarence Morgan ; 1-9 cr.
55597 008 IND, In Person Term Based; Monica Moses Haller ; 1-9 cr.
55598 009 IND, In Person Term Based; Lamar Peterson ; 1-9 cr.
55599 011 IND, In Person Term Based; Jenny Schmid ; 1-9 cr.
55600 012 IND, In Person Term Based; Paul Shambroom ; 1-9 cr.

55601 013 IND, In Person Term Based; Corinne Teed ; 1-9 cr.
55602 014 IND, In Person Term Based; Diane Willow ; 1-9 cr.
55603 015 IND, In Person Term Based; Tetsuya Yamada ; 1-9 cr.
55604 016 IND, In Person Term Based; Mathew Zefeldt ; 1-9 cr.
55605 017 IND, In Person Term Based; Tamsie Ringler ; 1-9 cr.
55606 019 IND, In Person Term Based; Christina Schmid ; 1-9 cr.
68511 020 IND, In Person Term Based; Pedram Baldari ; 1-9 cr.
68512 021 IND, In Person Term Based; Xavier Tavera Castro ; 1-9 cr.

Art History (ARTH)

1001 Introduction to Art History:

Prehistoric to Contemporary
(Student Option; AH)
54063 001 LEC, 11:15-12:30 TTh, Anderson Hall 270, In Person Term Based; Angelica Maier ; 4 cr.
54157 002 DIS, 10:10-11:00 F, Blegen Hall 225, In Person Term Based; 4 cr.
54158 003 DIS, 10:10-11:00 Th, Blegen Hall 110, In Person Term Based; 4 cr.
54159 004 DIS, 9:05- 9:55 Th, Blegen Hall 110, In Person Term Based; 4 cr.
54160 005 DIS, 10:10-11:00 Th, Blegen Hall 135, In Person Term Based; 4 cr.

1004W Introduction to Asian Art

(Student Option; HIS,WI)
56024 001 LEC, 9:45-11:00 TTh, Hanson Hall 1-106, In Person Term Based; Peng Peng ; 3 cr.

3005 American Art

(Student Option; AH)
55264 001 LEC, 11:15-12:30 TTh, Blegen Hall 317, In Person Term Based; Jennifer Marshall ; 4 cr.

3009 Medieval Art

(Student Option; AH)
54554 001 LEC, 13:00-14:15 MW, Blegen Hall 120, In Person Term Based; Meets With: 001 MEST 3009; Jennifer Awes-Freeman ; 3 cr.

3014W Art of India

(Student Option; AH,WI,GP)
55749 001 LEC, 9:45-11:00 MW, Blegen Hall 130, In Person Term Based; Meets With: 001 RELS 3415W; Anna Seastrand ; 4 cr.
55750 002 DIS, 10:10-11:00 F, Blegen Hall 130, In Person Term Based; Meets With: 002 RELS 3415W; 4 cr.
55752 004 DIS, 11:15-12:05 W, Blegen Hall 130, In Person Term Based; Meets With: 004 RELS 3415W; 4 cr.

3018 Art of the Ottoman Empire

(Student Option;)
66052 001 LEC, 11:15-12:30 TTh, Blegen Hall 155, In Person Term Based; Sinem Casale ; 3 cr.

3162 Roman Art and Archaeology

(Student Option; HIS)
66053 001 LEC, 14:30-15:45 TTh, Blegen Hall 150, In Person Term Based; Meets With: 001 CNES 3162; 3 cr.

3309 Renaissance Art in Europe

(A-F or Audit; AH)
66054 001 LEC, 10:10-11:00 MWF, Anderson Hall 350, In Person Term Based; Michael Gaudio ; 3 cr.

3312 European Art of the Eighteenth Century: Rococo to Revolution

(Student Option; HIS)
66055 001 LEC, 9:45-11:00 TTh, Blegen Hall 130, In Person Term Based; Steven Ostrow ; 3 cr.

3896 Directed Professional Experience

(Student Option; Prereq: instr consent)
53501 001 IND, 00:00-00:00 , , In Person Term Based; Jennifer Marshall ; 1-2 cr.

3921W Art of the Film

(Student Option; AH,WI)
54385 001 LEC, 12:20-14:15 TTh, Blegen Hall 5, In Person Term Based; Robert Silberman ; 4 cr.
54386 002 DIS, 12:20-13:10 M, Blegen Hall 205, In Person Term Based; 4 cr.
54387 003 DIS, 12:20-13:10 W, Blegen Hall 205, In Person Term Based; 4 cr.

3971V Honors: Art History Capstone

(A-F only; WI)

54455 001 LEC, In Person Term Based; 3 cr.
66016 002 IND, 14:30-17:00 Th, Social Sciences Building
278, In Person Term Based; Meets With: 002 ARTH
3971W; Vanessa Reubendale ; 3 cr.

3971W Art History Capstone

(A-F only; Prereq: ARTH major, instr consent/WI)

54456 002 IND, 14:30-17:00 Th, Social Sciences Building
278, In Person Term Based; Meets With: 002 ARTH 3971V;
Vanessa Reubendale ; 3 cr.
55383 001 LEC, In Person Term Based; 3 cr.

3993 Directed Study

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

53502 001 IND, 00:00-00:00 , , In Person Term Based; Jane
Blocker ; 1-4 cr.
53530 002 IND, 00:00-00:00 , , In Person Term Based; ; 1-4
cr.
53531 003 IND, 00:00-00:00 , , In Person Term Based;
Michael Gaudio ; 1-4 cr.
53532 004 IND, 00:00-00:00 , , In Person Term Based;
Sinem Casale ; 1-4 cr.
53533 005 IND, 00:00-00:00 , , In Person Term Based;
Jennifer Marshall ; 1-4 cr.
53534 006 IND, 00:00-00:00 , , In Person Term Based;
Steven Ostrow ; 1-4 cr.
53535 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)

53503 001 IND, 00:00-00:00 , , In Person Term Based; Jane
Blocker ; 1-4 cr.
54196 002 IND, 00:00-00:00 , , In Person Term Based;
Sinem Casale ; 1-4 cr.
54197 003 IND, 00:00-00:00 , , In Person Term Based; ; 1-4
cr.
54198 004 IND, 00:00-00:00 , , In Person Term Based;
Michael Gaudio ; 1-4 cr.
54199 005 IND, 00:00-00:00 , , In Person Term Based;
Jennifer Marshall ; 1-4 cr.
54200 006 IND, 00:00-00:00 , , In Person Term Based;
Steven Ostrow ; 1-4 cr.
54201 007 IND, 00:00-00:00 , , In Person Term Based;
Robert Silberman ; 1-4 cr.
54202 008 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
54203 009 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
54204 010 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
54516 011 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.

5336 Transformations in 17th Century Art:**Caravaggio, Velazquez, and Bernini**

(Student Option;)

68898 001 LEC, 13:00-14:15 TTh, Blegen Hall 115, In
Person Term Based; Steven Ostrow ; 3 cr.

5413 Alternative Media: Video,**Performance, Digital Art**

(A-F or Audit; Prereq: 3464 or instr consent)

66057 001 LEC, 14:30-15:45 MW, Blegen Hall 430, In
Person Term Based; Emily Capper ; 3 cr.

5769 Connoisseurship and Curatorial**Practice in Early Chinese Art**

(Student Option;)

68899 001 LEC, 14:30-15:45 MW, Blegen Hall 240, In
Person Term Based; Peng Peng ; 3 cr.

5950 Topics: Art History

(Student Option;)

67833 001 LEC, 13:00-14:15 MW, Blegen Hall 145, In
Person Term Based; Anna Seastrand ; 3 cr.

5993 Directed Study

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

53504 001 IND, 00:00-00:00 , , In Person Term Based; Jane
Blocker ; 1-4 cr.
53539 002 IND, 00:00-00:00 , , In Person Term Based; ; 1-4
cr.
53540 003 IND, 00:00-00:00 , , In Person Term Based;
Sinem Casale ; 1-4 cr.
53541 004 IND, 00:00-00:00 , , In Person Term Based;
Michael Gaudio ; 1-4 cr.
53542 005 IND, 00:00-00:00 , , In Person Term Based;
Jennifer Marshall ; 1-4 cr.
53543 006 IND, 00:00-00:00 , , In Person Term Based;
Steven Ostrow ; 1-4 cr.

53544 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)

53505 001 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.

8320 Seminar: Issues in Early Modern**Visual Culture - The Early Modern****Archive**

(A-F or Audit;)

66901 001 LEC, 13:25-15:20 Th, Hubert H. Humphrey
School 15, In Person Term Based; Meets With: 001 EMS
8250; Katharine Gerbner, Sinem Casale ; 3 cr.

8333 FTE: Master's(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)

53506 001 IND, In Person Term Based; 1 cr.

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

53507 001 IND, In Person Term Based; 1 cr.

8520 Seminar: American Art and Material**Culture**

(Student Option; Prereq: instr consent)

66059 001 LEC, 14:00-16:00 T, Social Sciences Building
278, In Person Term Based; Jennifer Marshall ; 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)

53508 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)

53509 001 IND, In Person Term Based; 1-24 cr.

8970 Directed Studies

(Student Option; Prereq: instr consent)

53510 001 IND, In Person Term Based; 1-3 cr.

**Arts and Cultural Leadership
(ACL)****5221 Creative Entrepreneurship and****Resource Development**

(A-F or Audit;)

63760 001 LEC, 18:00-20:30 T, Carlson School of Mgmt
1-122, In Person Term Based; Susan Campion, Laura
Zabel ; 3 cr.

5993 Directed Studies

(A-F only; Prereq: Grad student, dept consent)

63666 001 IND, Independent/Directed Study; 1-4 cr.

8003 Capstone: Reflections and**Presentation**

(S-N only;)

63811 001 DIS, In Person Term Based; Tom Borrup ; 2 cr.

Asian American Studies (AAS)**1101 Imagining Asian America**

(Student Option; DSJ,SOCS)

55633 001 LEC, 11:15-12:30 MW, Blegen Hall 110, In
Person Term Based; Saymoukda Vongsay ; 3 cr.

3211W American Race Relations

(A-F or Audit; DSJ,WI)

55261 001 LEC, 17:30-20:00 W, Blegen Hall 120, In Person
Term Based; Meets With: 001 SOC 3211W; Joyce Bell ; 3
cr.

3251W Sociological Perspectives on Race,**Class, and Gender**

(A-F or Audit; DSJ,WI,SOCS)

55148 001 LEC, 14:30-15:45 TTh, Blegen Hall 130, In
Person Term Based; Meets With: 001 SOC 3251W; Enid
Logan ; 3 cr.

3271 Learning in the Asian American**Community**(Student Option; Prereq: AAS and CRES minors must
register A-F.)

68509 001 DIS, 14:30-17:00 W, Folwell Hall 112, In Person
Term Based; Juliana Hu Pegues ; 3 cr.

3301 Asian America Through Arts and**Culture**

(Student Option; AH,DSJ)

55210 001 LEC, 16:00-17:15 TTh, Ford Hall 151, In Person
Term Based; Meets With: 001 ENGL 3301; Youngbin
Hyeon ; 3 cr.

3341 Asian American Images

(Student Option; AH,DSJ)

56065 001 DIS, 17:30-20:00 M, Blegen Hall 125, In
Person Term Based; Meets With: 001 COMM 3341; John
Matsunaga ; 3 cr.

3486 Hmong Refugees from the Secret**War: Becoming Americans**

(Student Option;)

55329 001 LEC, 9:45-11:00 MW, Blegen Hall 215, In Person
Term Based; Meets With: 001 HIST 3486; Mai Na Lee ; 3
cr.

3862 American Immigration History

(A-F or Audit; DSJ,HIS)

67692 001 LEC, 18:20-20:50 Th, Blegen Hall 230, In Person
Term Based; Meets With: 001 HIST 3862001 CHIC 3862;
Kent Weber ; 3 cr.

3993 Directed Studies in Asian American**Studies**

(Student Option; Prereq: instr consent)

53682 001 IND, 00:00-00:00 , , In Person Term Based; 1-9
cr.

5993 Directed Readings

(Student Option;)

56086 001 IND, In Person Term Based; 1-4 cr.

**Asian Languages and Literature
(ALL)****1001 Asian Film and Animation**

(Student Option; AH,GP)

66656 001 LEC, 18:00-21:00 T, Nicholson Hall 35,
11:15-12:30 TTh, Nicholson Hall 125, In Person Term
Based; Suvadip Sinha ; 3 cr.

3232W "Short" Poetry in China and Japan

(Student Option; WI)

66657 001 LEC, 9:45-11:00 TTh, Nicholson Hall 110, 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)

54712 001 LEC, 13:00-14:15 TTh, Nicholson Hall 125, In
Person Term Based; Paul Rouzer ; 3 cr.

3337 Contemporary Chinese Literature and**Popular Culture**

(A-F only; GP,LITR)

54711 001 LEC, 9:45-11:00 MW, Hanson Hall 1-111, In
Person Term Based; Jason McGrath ; 3 cr.

3433W Traditional Japanese Literature in**Translation**

(A-F or Audit; LITR,WI)

68149 001 LEC, 14:30-15:45 MW, Nicholson Hall 110, In
Person Term Based; Maki Isaka ; 3 cr.

3437 The Japanese Novel

(A-F only; GP,LITR)

66557 001 LEC, 14:30-15:45 TTh, Folwell Hall 12, In Person
Term Based; Baryon Tensor Posadas ; 3 cr.

3457 War and Peace in Japan Through**Popular Culture**

(A-F or Audit;)

68213 001 LEC, 10:10-13:40 F, Hanson Hall 1-103, In
Person Term Based; Meets With: 001 HIST 3476; Hiromi
Mizuno ; 4 cr.

3468 Environment, Technology and Culture in Modern Japan

(Student Option; ENV)
66674 001 LEC, 11:15-12:30 TTh, Nicholson Hall 275, In Person Term Based; Christine Marran ; 3 cr.

3536 Modern Korean Literature

(Student Option; GP,LITR)
55665 001 LEC, 9:45-11:00 TTh, Armory Building 116, In Person Term Based; Travis Workman ; 3 cr.

3576 Language & Society of the Two Koreas

(A-F only;)
55664 001 LEC, 14:00-15:15 MW, Hubert H. Humphrey School 25, In Person Term Based; Hangtae Cho ; 3 cr.

3586 Cold War Cultures in Korea

(A-F only;)
66659 001 LEC, 13:00-14:15 TTh, Hubert H. Humphrey School 20, In Person Term Based; Travis Workman ; 3 cr.

3636 South Asian Women Writers

(A-F only;)
67320 001 LEC, 9:45-11:00 MW, Amundson Hall 120, In Person Term Based; Nida Sajid ; 3 cr.

3679 Religion and Society in Modern South Asia

(A-F only;)
67859 001 LEC, 13:00-14:15 MW, Appleby Hall 204, In Person Term Based; Meets With: 001 RELS 3679; Nida Sajid ; 3 cr.

3856 Palestinian Literature and Film

(A-F only; GP)
66651 001 LEC, 14:30-15:45 TTh, Ford Hall 130, In Person Term Based; Joseph Farag ; 3 cr.

4901W Capstone Project in Asian

Languages & Literatures
(A-F or Audit; Prereq: ALL major, srWI)
54454 001 LEC, 11:15-12:30 MW, Nicholson Hall 125, In Person Term Based; Christine Marran ; 3 cr.

5358 Realism, Revolution, and the Moving Image

(Student Option;)
66560 001 LEC, 13:00-16:00 M, Nicholson Hall 335, In Person Term Based; Meets With: 001 MIMS 5910; Jason McGrath, Alice Lovejoy ; 3 cr.

5990 Directed Study

(Student Option; Prereq: instr consent, dept consent, college consent.)
53396 001 IND, Independent/Directed Study; Joseph Farag ; 1-4 cr.

8002 Critical Approaches to Asian Studies

(Student Option;)
54710 001 LEC, 14:30-17:00 Th, Folwell Hall 119, In Person Term Based; Suvadip Sinha ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, [adviser, DGS] consent)
54179 001 IND, In Person Term Based; 1 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated;)
54180 001 IND, In Person Term Based; 1-24 cr.

8990 Directed Readings

(Student Option; Prereq: PhD student)
53818 001 IND, Independent/Directed Study; 1-4 cr.

Astronomy (AST)**1001 Exploring the Universe**

(Student Option; ENV,PHYS)
58298 001 LEC, 9:45-11:00 TTh, Tate Hall B20, In Person Term Based; Lawrence Rudnick ; 4 cr.
58299 003 LEC, 14:30-15:45 MW, Tate Hall 101, In Person Term Based; Paul Woodward ; 4 cr.
58300 101 LAB, 9:05-11:00 M, Tate Hall B27, In Person Term Based; 4 cr.
58301 102 LAB, 10:10-12:05 M, Tate Hall B29, In Person Term Based; 4 cr.
58302 104 LAB, 12:20-14:15 M, Tate Hall B29, In Person Term Based; 4 cr.

58303 105 LAB, 13:25-15:20 M, Tate Hall B27, In Person Term Based; 4 cr.
58304 103 LAB, 11:15-13:10 M, Tate Hall B27, In Person Term Based; 4 cr.
58305 107 LAB, 15:35-17:30 M, Tate Hall B27, In Person Term Based; 4 cr.
58306 109 LAB, 10:10-12:05 T, Tate Hall B29, In Person Term Based; 4 cr.
58307 110 LAB, 11:15-13:10 T, Tate Hall B27, In Person Term Based; 4 cr.
58309 112 LAB, 13:25-15:20 T, Tate Hall B27, In Person Term Based; 4 cr.
58310 114 LAB, 15:35-17:30 T, Tate Hall B27, In Person Term Based; 4 cr.
58311 115 LAB, 9:05-11:00 W, Tate Hall B27, In Person Term Based; 4 cr.
58312 117 LAB, 11:15-13:10 W, Tate Hall B27, In Person Term Based; 4 cr.
58313 118 LAB, 12:20-14:15 W, Tate Hall B29, In Person Term Based; 4 cr.
58314 116 LAB, 10:10-12:05 W, Tate Hall B29, In Person Term Based; 4 cr.
58899 113 LAB, 14:30-16:25 T, Tate Hall B29, In Person Term Based; 4 cr.
59005 106 LAB, 14:30-16:25 M, Tate Hall B29, In Person Term Based; 4 cr.
59109 108 LAB, 9:05-11:00 T, Tate Hall B27, In Person Term Based; 4 cr.
60560 002 LEC, 13:00-14:15 TTh, Tate Hall B50, In Person Term Based; Patrick Kelly ; 4 cr.
60902 119 LAB, 13:25-15:20 W, Tate Hall B27, In Person Term Based; 4 cr.
60903 120 LAB, 14:30-16:25 W, Tate Hall B29, In Person Term Based; 4 cr.
60906 123 LAB, 10:10-12:05 Th, Tate Hall B29, In Person Term Based; 4 cr.
60908 125 LAB, 15:35-17:30 Th, Tate Hall B27, In Person Term Based; 4 cr.
60909 126 LAB, 9:05-11:00 F, Tate Hall B27, In Person Term Based; 4 cr.
60911 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)
58315 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)
58316 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.
59672 002 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.
59673 003 IND, 00:00-00:00 , , In Person Term Based; Robert Gehrz ; 1-5 cr.
59674 004 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.
59675 005 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.
59676 006 IND, 00:00-00:00 , , In Person Term Based; Thomas Jones ; 1-5 cr.
59677 007 IND, 00:00-00:00 , , In Person Term Based; Lawrence Rudnick ; 1-5 cr.
59693 008 IND, 00:00-00:00 , , In Person Term Based; Claudia Scarlata ; 1-5 cr.
59800 009 IND, 00:00-00:00 , , In Person Term Based; Evan Skillman ; 1-5 cr.
59801 010 IND, 00:00-00:00 , , In Person Term Based; Liliya Williams ; 1-5 cr.
59802 011 IND, 00:00-00:00 , , In Person Term Based; Chick Woodward ; 1-5 cr.
60559 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)
59238 001 LEC, 9:05-11:00 TTh, Tate Hall B55, In Person Term Based; Liliya Williams ; 4 cr.

4031 Interpretation and Analysis of

Astrophysical Data
(A-F only; Prereq: [Math 2243 or 2373 or equivalent], [Math 2263 or 2374 or equivalent], Ast 2001 or instr consent)
66748 001 LEC, 12:20-14:15 W, Lind Hall 40, 11:15-13:10 T, Tate Hall B55, In Person Term Based; Meets With: 001 AST 5031; Claudia Scarlata ; 4 cr.

4299H Senior Honors Astrophysics

Research Seminar
(Student Option; Prereq: upper div honors student in IT or CLA, inst consent)

58319 001 LEC, 14:30-15:20 F, Tate Hall 101, In Person Term Based; Meets With: 001 AST 8200; Robert Gehrz ; 1 cr.

4990 Directed Studies

(Student Option; Prereq: 2001, instr consent)
58317 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.
59678 002 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.
59679 003 IND, 00:00-00:00 , , In Person Term Based; Robert Gehrz ; 1-5 cr.
59680 004 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.
59681 005 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.
59682 006 IND, 00:00-00:00 , , In Person Term Based; Thomas Jones ; 1-5 cr.
59683 007 IND, 00:00-00:00 , , In Person Term Based; Lawrence Rudnick ; 1-5 cr.
59694 008 IND, 00:00-00:00 , , In Person Term Based; Claudia Scarlata ; 1-5 cr.
59797 009 IND, 00:00-00:00 , , In Person Term Based; Evan Skillman ; 1-5 cr.
59798 010 IND, 00:00-00:00 , , In Person Term Based; Liliya Williams ; 1-5 cr.
59799 011 IND, 00:00-00:00 , , In Person Term Based; Chick Woodward ; 1-5 cr.
60348 012 IND, 00:00-00:00 , , In Person Term Based; Paul Woodward ; 1-5 cr.

4994W Directed Research

(A-F only; WI)
58318 024 IND, 00:00-00:00 , , In Person Term Based; Lindsay Glesener ; 2-5 cr.
59684 002 IND, 00:00-00:00 , , In Person Term Based; Patrick Kelly ; 2-5 cr.
59685 003 IND, 00:00-00:00 , , In Person Term Based; Robert Gehrz ; 2-5 cr.
59686 004 IND, 00:00-00:00 , , In Person Term Based; 2-5 cr.
59687 005 IND, 00:00-00:00 , , In Person Term Based; Terry Jones ; 2-5 cr.
59688 006 IND, 00:00-00:00 , , In Person Term Based; Thomas Jones ; 2-5 cr.
59689 007 IND, 00:00-00:00 , , In Person Term Based; Lawrence Rudnick ; 2-5 cr.
59695 008 IND, 00:00-00:00 , , In Person Term Based; Claudia Scarlata ; 2-5 cr.
59794 009 IND, 00:00-00:00 , , In Person Term Based; Evan Skillman ; 2-5 cr.
59795 010 IND, 00:00-00:00 , , In Person Term Based; Liliya Williams ; 2-5 cr.
59796 011 IND, 00:00-00:00 , , In Person Term Based; Chick Woodward ; 2-5 cr.
60500 012 IND, 00:00-00:00 , , In Person Term Based; Paul Woodward ; 2-5 cr.
60501 013 IND, 00:00-00:00 , , In Person Term Based; Cynthia Cattell ; 2-5 cr.
60502 014 IND, 00:00-00:00 , , In Person Term Based; Priscilla Cushman ; 2-5 cr.
60503 015 IND, 00:00-00:00 , , In Person Term Based; Lucy Fortson ; 2-5 cr.
60504 016 IND, 00:00-00:00 , , In Person Term Based; Shaul Hanany ; 2-5 cr.
60505 017 IND, 00:00-00:00 , , In Person Term Based; Robert Lysak ; 2-5 cr.
60506 018 IND, 00:00-00:00 , , In Person Term Based; Vuk Mandic ; 2-5 cr.
60507 019 IND, 00:00-00:00 , , In Person Term Based; Keith Olive ; 2-5 cr.
60508 020 IND, 00:00-00:00 , , In Person Term Based; Marco Peloso ; 2-5 cr.
60509 021 IND, 00:00-00:00 , , In Person Term Based; Clement Pryke ; 2-5 cr.
60510 022 IND, 00:00-00:00 , , In Person Term Based; Yongzhong Qian ; 2-5 cr.
60511 023 IND, 00:00-00:00 , , In Person Term Based; John Wygant ; 2-5 cr.

5012 The Interstellar Medium

(Student Option; Prereq: 2001, Phys 2601 or instr consent)
66750 001 LEC, 13:25-15:20 TTh, Tate Hall B55, In Person Term Based; Evan Skillman ; 4 cr.

5031 Interpretation and Analysis of

Astrophysical Data
(A-F only;)
68728 001 LEC, 12:20-14:15 W, Lind Hall 40, 11:15-13:10 T, Tate Hall B55, In Person Term Based; Meets With: 001 AST 4031; Claudia Scarlata ; 4 cr.

8011 High Energy Astrophysics

(Student Option; Prereq: instr consent)

66749 001 LEC, 11:15-12:05 MWF, Tate Hall B65, In Person Term Based; Thomas Jones ; 4 cr.

8200 Astrophysics Seminar

(Student Option; Prereq: instr consent)
58320 001 LEC, 14:30-15:20 F, Tate Hall 101, In Person Term Based; Meets With: 001 AST 4299H; Robert Gehrz ; 1-3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
58933 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
58949 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)
58965 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])
58984 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)
59006 001 IND, In Person Term Based; 1-24 cr.

8990 Research in Astronomy and Astrophysics

(Student Option; Prereq: instr consent)
58321 001 IND, In Person Term Based; 1-4 cr.

Biochemistry (BIOC)

1010 Human Health and Disease

(Student Option;)
50256 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)
50122 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)
50303 090 LEC, 00:00-00:00 , ONLINE, Completely Online; Robert Roon ; 3 cr.
50304 001 LEC, 13:30-14:45 TTh, Ruttan Hall B45, In Person Term Based; Meets With: 002 BIOC 6021; Douglas Ohlendorf ; 3 cr.
50305 002 LEC, 9:45-11:00 TTh, Bruininks Hall 230, In Person Term Based; Meets With: 003 BIOC 6021; Kenneth Adolph ; 3 cr.

3022 Biochemistry for Life Scientists

(Student Option;)
50393 001 LEC, 16:00-17:15 TTh, Bruininks Hall 312, In Person Term Based; Janet Schottel ; 3 cr.
50395 002 LEC, 14:30-15:45 TTh, Molecular Cellular Biol 3-120, In Person Term Based; David Bernlohr ; 3 cr.

4025W Laboratory in Biochemistry

(Student Option; Prereq: 3021 or 4331 or equivWI)
49992 001 LEC, 15:35-16:25 M, Molecular Cellular Biol 3-120, In Person Term Based; Beverly Smith-Keiling ; 2 cr.
49993 002 LAB, 8:15-11:55 T, Molecular Cellular Biol 2-128, In Person Term Based; Beverly Smith-Keiling ; 2 cr.
49994 003 LAB, 13:15-16:55 T, Molecular Cellular Biol 2-128, In Person Term Based; Beverly Smith-Keiling ; 2 cr.
49995 004 LAB, 8:15-11:55 Th, Molecular Cellular Biol 2-128, In Person Term Based; Beverly Smith-Keiling ; 2 cr.
49996 005 LAB, 13:15-16:55 Th, Molecular Cellular Biol 2-128, In Person Term Based; Beverly Smith-Keiling ; 2 cr.
49997 006 LAB, 17:20-21:00 T, Molecular Cellular Biol 2-128, In Person Term Based; Beverly Smith-Keiling ; 2 cr.

49998 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)
50406 001 LEC, 9:00-13:00 TWTh, Gortner Laboratory 239, 9:00-13:00 F, Molecular Cellular Biol 2-120, In Person Term Based; Timothy Griffin ; 1 cr.
50407 002 LAB, 13:00-16:00 TWTh, Gortner Laboratory 239, 13:00-16:00 F, Molecular Cellular Biol 2-120, 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))
50170 001 LEC, 14:30-15:20 MTWTh, Fraser Hall 101, In Person Term Based; Michael Freeman, Carrie Wilmot ; 4 cr.

4332 Biochemistry II: Molecular Mechanisms of Signal Transduction and Gene Expression

(Student Option; Prereq: 4331 or instr consent)
49999 001 LEC, 12:20-14:15 TTh, Mayo Bldg & Additions C231, 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))
50216 001 LEC, 9:05-9:55 MWF, Molecular Cellular Biol 2-120, In Person Term Based; Wendy Gordon, Kevin Mayo ; 3 cr.

4793W Directed Studies: Writing Intensive

(S-N or Audit; Prereq: instr consent, dept consentWI)
50115 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 consentWI)
50116 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)
50078 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)
50079 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50190 002 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50191 003 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50193 004 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50194 005 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50196 006 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50197 007 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50198 008 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50199 009 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50200 010 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50201 011 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50202 012 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50203 013 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50204 014 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50205 015 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50206 016 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50207 017 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50208 018 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50209 019 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
50210 020 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

5002 Critical Evaluation of Biochemistry Research

(S-N only;)
67074 001 DIS, 15:35-16:25 MW, Molecular Cellular Biol 2-122, In Person Term Based; David Laporte ; 1 cr.

5216 Current Topics in Signal Transduction

(A-F only;)
50320 001 LEC, 13:00-14:40 MW, Weaver-Densford Hall W2-110, In Person Term Based; Do-Hyung Kim ; 2 cr.

5225 Graduate Laboratory in NMR Techniques

(S-N only; Prereq: 8001 or instr consent)
50251 002 LAB, 13:00-17:00 MTWTh, Mayo Bldg & Additions G205, In Person Term Based; Gopinath Tata ; 1 cr.

5309 Biocatalysis and Biodegradation

(Student Option;)
50378 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)
50188 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)
50126 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.
50497 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)
50127 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)
50128 001 LEC, In Person Term Based; 3 cr.
50129 002 LEC, 13:30-14:45 TTh, Ruttan Hall B45, In Person Term Based; Meets With: 001 BIOC 3021; Douglas Ohlendorf ; 3 cr.
50130 003 LEC, 9:45-11:00 TTh, Bruininks Hall 230, In Person Term Based; Meets With: 002 BIOC 3021; Kenneth Adolph ; 3 cr.
50215 004 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)
50003 001 LEC, 12:20-13:10 T, Jackson Hall 2-137, In Person Term Based; Kevin Mayo ; 1 cr.

8102 Hot Topics in the Biology of Aging

(Student Option;)
68830 001 DIS, 9:00-9:50 W, Lions Res/MaGuire Trans 2-204, In Person Term Based; Deborah Ferrington, Edgar Arriaga ; 1 cr.

8184 Graduate Seminar

(S-N or Audit; Prereq: grad BMBB major or DGS consent)
50004 001 LEC, 15:45-16:35 W, Jackson Hall 2-137, In Person Term Based; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
50092 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 GJ)
50171 001 LEC, 15:35-16:25 M, Molecular Cellular Biol 2-122, In Person Term Based; Brian Van Ness, Burckhard Seelig ; 1 cr.

8444 FTE: Doctoral

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

50087 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)

50090 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])

50099 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)

50093 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

Bioethics, Center for (BTHX)

5000 Topics in Bioethics

(Student Option;)

66129 001 LEC, 12:00-14:30 T, , In Person Term Based; Leigh Turner ; 1-4 cr.
68085 002 LEC, 9:00-11:30 T, , In Person Term Based; Carl Elliott ; 1-4 cr.

5100 Introduction to Clinical Ethics

(Student Option;)

66133 001 LEC, 12:30-15:00 Th, Mayo Bldg & Additions 1250, In Person Term Based; John Song ; 3 cr.

5120 Dying in Contemporary Medical Culture

(Student Option;)

67969 001 DIS, 16:00-17:40 M, , In Person Term Based; Joan Liaschenko ; 2 cr.

5530 Investigative Journalism and Bioethics

(Student Option;)

66131 001 DIS, 9:30-12:00 W, , In Person Term Based; Carl Elliott ; 3 cr.

5650 Disability Ethics

(A-F only;)

68109 001 LEC, 18:00-20:30 M, , In Person Term Based; Meets With: 008 MUS 5950; Alex Lubet ; 3 cr.

5900 Independent Study in Bioethics

(Student Option; Prereq: instr consent)

49168 001 IND, 00:00-00:00 , , Independent/Directed Study; Debra DeBruin ; 1-4 cr.
49169 003 IND, 00:00-00:00 , , Independent/Directed Study; Joan Liaschenko ; 1-4 cr.
49170 006 IND, Independent/Directed Study; Leigh Turner ; 1-4 cr.
49171 005 IND, 00:00-00:00 , , Independent/Directed Study; John Song ; 1-4 cr.
49265 002 IND, In Person Term Based; Carl Elliott ; 1-4 cr.
49321 007 IND, In Person Term Based; Susan Craddock ; 1-4 cr.

8000 Advanced Topics in Bioethics

(Student Option; Prereq: Grad or professional student)

66130 001 LEC, 12:00-14:30 T, , In Person Term Based; Leigh Turner ; 1-4 cr.
68087 002 LEC, 9:00-11:30 T, , In Person Term Based; Carl Elliott ; 1-4 cr.

8114 Ethical and legal Issues in Genetic Counseling

(A-F or Audit; Prereq: [MCDG MS, genetic counseling specialization] or instr consent)

49249 001 LEC, 13:10-15:40 M, Moos Health Sci Tower 2-116, In Person Term Based; Meets With: 001 GCD 8914; Bonnie LeRoy ; 3 cr.

8120 Dying in Contemporary Medical Culture

(Student Option;)

67970 001 DIS, 16:00-17:40 M, , In Person Term Based; Joan Liaschenko ; 2 cr.

8333 FTE: Master's

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

49202 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)

49206 001 FWK, 00:00-00:00 , , Independent/Directed Study; Debra DeBruin ; 1-4 cr.
49207 003 FWK, 00:00-00:00 , , Independent/Directed Study; Joan Liaschenko ; 1-4 cr.
49209 005 FWK, 00:00-00:00 , , Independent/Directed Study; John Song ; 1-4 cr.
49210 006 FWK, 00:00-00:00 , , Independent/Directed Study; Leigh Turner ; 1-4 cr.
49266 002 FWK, In Person Term Based; Carl Elliott ; 1-4 cr.
49322 007 FWK, In Person Term Based; Susan Craddock ; 1-4 cr.

8777 Thesis Credits: Master's

(No Grade Associated;)

49203 001 IND, In Person Term Based; 1-18 cr.

8900 Advanced Independent Study in Bioethics

(Student Option; Prereq: instr consent)

49172 002 IND, 00:00-00:00 , , Independent/Directed Study; Carl Elliott ; 1-4 cr.
49173 003 IND, 00:00-00:00 , , Independent/Directed Study; Joan Liaschenko ; 1-4 cr.
49175 005 IND, 00:00-00:00 , , Independent/Directed Study; John Song ; 1-4 cr.
49176 006 IND, 00:00-00:00 , , Independent/Directed Study; Leigh Turner ; 1-4 cr.
49177 007 IND, Independent/Directed Study; Susan Craddock ; 1-4 cr.
49264 001 IND, In Person Term Based; Debra DeBruin ; 1-4 cr.

Biology (BIOL)

1001 Introductory Biology: Evolutionary and Ecological Perspectives

(Student Option; Prerequisites for allied health grad programs.BIOL)

50024 001 LEC, 14:30-15:45 MW, Willey Hall 175, In Person Term Based; Charles Willis ; 4 cr.
50025 002 LAB, 10:10-12:05 M, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
50026 003 LAB, 16:40-18:35 M, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
50027 004 LAB, 8:00- 9:55 T, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
50028 005 LAB, 10:10-12:05 T, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
50029 007 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
50030 008 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
50031 010 LAB, 10:10-12:05 W, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
50032 011 LAB, 16:40-18:35 W, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
50033 014 LAB, 14:30-16:25 Th, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
50034 015 LAB, 16:40-18:35 Th, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
50095 013 LAB, 12:20-14:15 Th, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
50096 012 LAB, 10:10-12:05 Th, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
50097 006 LAB, 12:20-14:15 T, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
50144 009 LAB, 8:00- 9:55 W, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
50415 090 LEC, Completely Online; Charles Willis ; 4 cr.

1003 Evolution and Biology of Sex

(Student Option; Prerequisites for allied health grad programs.BIOL)

50257 001 LEC, 9:45-11:00 MW, Bruininks Hall 312, In Person Term Based; Deena Wassenberg ; 4 cr.
50258 002 LAB, 10:10-12:05 T, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
50259 003 LAB, 12:20-14:15 T, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
50260 004 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
50261 005 LAB, 12:20-14:15 W, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
50262 006 LAB, 14:30-16:25 W, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.

50297 020 LEC, 11:15-12:30 MW, Bruininks Hall 312, In Person Term Based; Mark Decker ; 4 cr.
50298 021 LAB, 8:00- 9:55 T, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
50299 022 LAB, 12:20-14:15 T, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
50300 023 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
50301 024 LAB, 16:40-18:35 W, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
50302 025 LAB, 10:10-12:05 Th, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
50339 030 LEC, 9:45-11:00 TTh, Anderson Hall 310, In Person Term Based; Mark Decker ; 4 cr.
50340 031 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
50341 032 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
50342 033 LAB, 10:10-12:05 W, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
50343 034 LAB, 12:20-14:15 W, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
50344 035 LAB, 14:30-16:25 W, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
50386 036 LAB, 16:40-18:35 W, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
50387 037 LAB, 12:20-14:15 Th, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
50388 038 LAB, 12:20-14:15 Th, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
50389 039 LAB, 14:30-16:25 Th, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.

1009 General Biology

(Student Option; Prerequisite and requirement in many majors. BIOL)

50005 001 LEC, 9:45-11:00 TTh, Molecular Cellular Biol 3-120, In Person Term Based; Cheryl Scott ; 4 cr.
50006 002 LAB, 12:20-14:15 T, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
50007 003 LAB, 12:20-14:15 T, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
50008 004 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
50009 005 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
50010 007 LAB, 8:00- 9:55 W, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
50011 008 LAB, 12:20-14:15 W, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
50012 009 LAB, 12:20-14:15 W, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
50013 010 LAB, 12:20-14:15 Th, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
50014 011 LAB, 14:30-16:25 Th, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
50015 044 LAB, 14:30-16:25 W, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.
50016 045 LAB, 10:10-12:05 Th, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
50017 046 LAB, 10:10-12:05 Th, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
50018 047 LAB, 16:40-18:35 Th, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
50145 006 LAB, 8:00- 9:55 W, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
50217 030 LEC, 13:00-14:15 TTh, Willey Hall 175, In Person Term Based; Sue Gibson ; 4 cr.
50218 031 LAB, 8:00- 9:55 T, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
50219 032 LAB, 8:00- 9:55 T, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
50220 033 LAB, 10:10-12:05 T, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
50221 034 LAB, 10:10-12:05 T, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
50222 035 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
50223 036 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
50224 037 LAB, 8:00- 9:55 W, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.
50225 038 LAB, 10:10-12:05 W, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
50230 048 LAB, 16:40-18:35 Th, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
50271 039 LAB, 10:10-12:05 W, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.
50277 040 LAB, 10:10-12:05 W, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.
50338 041 LAB, 12:20-14:15 W, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.
50346 042 LAB, 14:30-16:25 W, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
50390 043 LAB, 14:30-16:25 W, Molecular Cellular Biol 2-139, In Person Term Based; 4 cr.

50472 090 LEC, Completely Online; Charles Willis ; 4 cr.

1009H Honors: General Biology

(A-F only; Prerequisite and requirement in many majors.BIOL)

50131 001 LEC, 13:00-14:15 TTh, Bruininks Hall 512A, In Person Term Based; Cheryl Scott ; 4 cr.
50132 081 LAB, 8:00- 9:55 T, Molecular Cellular Biol 2-141, In Person Term Based; ; 4 cr.
50231 082 LAB, 10:10-12:05 T, Molecular Cellular Biol 2-141, In Person Term Based; ; 4 cr.

1012 Human Biology: Concepts and Current Ethical Issues

(Student Option; Prerequisites for allied health grad programs.BIOL,CIV)

50280 001 LEC, 13:25-14:15 MWF, Bruininks Hall 330, In Person Term Based; , Kristina Prescott ; 4 cr.
50281 002 LAB, 10:10-12:05 T, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.
50282 003 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.
50283 004 LAB, 10:10-12:05 W, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.
50284 005 LAB, 14:30-16:25 W, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.
50285 006 LAB, 10:10-12:05 Th, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.
50290 020 LEC, 14:30-15:20 MWF, Bruininks Hall 330, In Person Term Based; Kristina Prescott ; 4 cr.
50291 021 LAB, 12:20-14:15 T, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.
50292 022 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.
50293 023 LAB, 12:20-14:15 W, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.
50294 024 LAB, 16:40-18:35 W, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.
50295 025 LAB, 8:00- 9:55 Th, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.
50316 007 LAB, 14:30-16:25 Th, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.
50317 026 LAB, 12:20-14:15 Th, Molecular Cellular Biol 2-142, In Person Term Based; 4 cr.

1015 Human Physiology, Technology, and Medical Devices

(Student Option; Prerequisites for most biomedical graduate programs.BIOL,TS)

50402 001 LEC, 9:45-11:00 MW, Bruininks Hall 131B, In Person Term Based; Murray Jensen ; 4 cr.
50403 002 LAB, 11:15-13:10 M, Molecular Cellular Biol 2-126, In Person Term Based; 4 cr.
50404 003 LAB, 13:25-15:20 M, Molecular Cellular Biol 2-126, In Person Term Based; 4 cr.
50405 004 LAB, 15:35-17:30 M, Molecular Cellular Biol 2-126, In Person Term Based; 4 cr.

1020 Biology Colloquium

(S-N or Audit;)

49991 001 LEC, 14:30-16:25 M, Molecular Cellular Biol 2-120, In Person Term Based; Carolyn Siffow ; 1 cr.

1052 Environmental Biology: Science and Solutions

(Student Option; ENV)

50286 001 LEC, 13:00-14:15 MW, Molecular Cellular Biol 3-120, In Person Term Based; Meets With: 001 BIOL 1055; Deena Wassenberg ; 3 cr.

1055 Environmental Biology: Science and Solutions with Laboratory

(Student Option; BIOL,ENV)

50327 001 LEC, 13:00-14:15 MW, Molecular Cellular Biol 3-120, In Person Term Based; Meets With: 001 BIOL 1052; Deena Wassenberg ; 4 cr.
50328 002 LAB, 14:30-16:25 Th, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.
50329 003 LAB, 16:40-18:35 Th, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.
50330 004 LAB, 10:10-12:05 F, Molecular Cellular Biol 2-141, In Person Term Based; 4 cr.
50331 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)

50037 001 IND, 00:00-00:00 , , In Person Term Based; Carolyn Siffow ; 1 cr.

1101 Genetics and Society

(Student Option; Prereq: Credit will not be granted if credit has been received for: BIOL 3020, Biol 4003, GCD 3022. No CBS Major Juniors or Seniors.CIV)

50288 001 LEC, 9:45-11:00 MW, Smith Hall 231, In Person Term Based; Ann Rougvie ; 3 cr.

1301 Dean's Scholar: Introduction to Leadership

(S-N only; Prereq: Dean's Scholar)

50398 001 DIS, 8:15- 9:30 T, Bruininks Hall 420A, In Person Term Based; Aryn Lipnicki ; 1 cr.
50399 002 DIS, 14:30-15:45 T, Bruininks Hall 123, In Person Term Based; Ned McCully ; 1 cr.
50400 003 DIS, 14:30-15:45 W, Bruininks Hall 117, In Person Term Based; Claire Drevs ; 1 cr.
50401 004 DIS, 9:45-11:00 Th, Cooke Hall 215, In Person Term Based; Martha Scott Johnson ; 1 cr.

1806 Nature of Life, Part Two

(S-N only; Prereq: 1805)

50314 001 LEC, 12:20-13:10 F, Bruininks Hall 114, 12:20-13:10 F, Bruininks Hall 330, 12:20-13:10 F, Bruininks Hall 412, 12:20-13:10 F, Murphy Hall 130, 12:20-13:10 F, Willey Hall 175, 12:20-13:10 F, Keller Hall 3-230, 12:20-13:10 F, Rapson Hall 56, 12:20-13:10 F, Bruininks Hall 312, In Person Term Based; Abby Conover ; 0.5 cr.

1906 Tradition and Innovation in Iceland

(A-F only; GP)

66870 001 DIS, 14:30-16:10 W, Lind Hall 303, In Person Term Based; John Ward ; 3 cr.

1915 Genomics in Your Current and Future Life

(A-F only;)

66261 001 LEC, 14:30-15:45 T, Kolthoff Hall 140, In Person Term Based; Perry Hackett ; 1 cr.

1920 Biology at the Movies

(A-F only;)

66178 001 DIS, 12:20-14:15 Th, Elliott Hall N647, In Person Term Based; Brian Gibbens ; 2 cr.

1942 Science and Politics of Genetics and Reproduction

(A-F only; TS)

66262 001 LEC, 11:15-12:30 MW, Bruininks Hall 420A, In Person Term Based; Murray Jensen ; 3 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 recommended(BIOL)

50418 001 LEC, 8:00- 9:55 MWF, Bruininks Hall 114, In Person Term Based; Meets With: 001 BIOL 1951H; Mark Decker, David Matthes ; 4 cr.
50419 002 LEC, 10:10-12:05 MWF, Bruininks Hall 114, In Person Term Based; Meets With: 002 BIOL 1951H; David Matthes, Anna Mosser ; 4 cr.
50420 003 LEC, 13:25-15:20 MWF, Bruininks Hall 114, In Person Term Based; Meets With: 003 BIOL 1951H; Brian Gibbens, Anna Mosser ; 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)

50421 001 LEC, 8:00- 9:55 MWF, Bruininks Hall 114, In Person Term Based; Meets With: 001 BIOL 1951; Mark Decker, David Matthes ; 4 cr.
50422 002 LEC, 10:10-12:05 MWF, Bruininks Hall 114, In Person Term Based; Meets With: 002 BIOL 1951; David Matthes, Anna Mosser ; 4 cr.
50423 003 LEC, 13:25-15:20 MWF, Bruininks Hall 114, In Person Term Based; Meets With: 003 BIOL 1951; Brian Gibbens, Anna Mosser ; 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)

50424 001 LAB, 8:30-11:30 MW, Biological Sciences Ctr 198, In Person Term Based; Meets With: 001 BIOL 1961H; 2 cr.
50425 002 LAB, 8:30-11:30 MW, Biological Sciences Ctr 259, In Person Term Based; Meets With: 002 BIOL 1961H; 2 cr.
50426 003 LAB, 8:30-11:30 MW, Biological Science Ctr 282, In Person Term Based; Meets With: 003 BIOL 1961H; 2 cr.
50427 004 LAB, 8:30-11:30 MW, Biological Science Ctr 286, In Person Term Based; Meets With: 004 BIOL 1961H; 2 cr.

50428 005 LAB, 13:00-16:00 MW, Biological Sciences Ctr 198, In Person Term Based; Meets With: 005 BIOL 1961H; 2 cr.

50429 006 LAB, 13:00-16:00 MW, Biological Sciences Ctr 259, In Person Term Based; Meets With: 006 BIOL 1961H; 2 cr.
50430 007 LAB, 13:00-16:00 MW, Biological Science Ctr 282, In Person Term Based; Meets With: 007 BIOL 1961H; 2 cr.
50431 008 LAB, 13:00-16:00 MW, Biological Science Ctr 286, In Person Term Based; Meets With: 008 BIOL 1961H; 2 cr.
50432 009 LAB, 17:10-20:10 MW, Biological Sciences Ctr 198, In Person Term Based; Meets With: 009 BIOL 1961H; 2 cr.
50433 010 LAB, 17:10-20:10 MW, Biological Sciences Ctr 259, In Person Term Based; Meets With: 010 BIOL 1961H; 2 cr.
50434 011 LAB, 17:10-20:10 MW, Biological Science Ctr 282, In Person Term Based; Meets With: 011 BIOL 1961H; 2 cr.
50435 012 LAB, 17:10-20:10 MW, Biological Science Ctr 286, In Person Term Based; Meets With: 012 BIOL 1961H; 2 cr.
50436 013 LAB, 8:30-11:30 TTh, Biological Sciences Ctr 198, In Person Term Based; Meets With: 013 BIOL 1961H; 2 cr.
50437 014 LAB, 8:30-11:30 TTh, Biological Sciences Ctr 259, In Person Term Based; Meets With: 014 BIOL 1961H; 2 cr.
50438 015 LAB, 8:30-11:30 TTh, Biological Science Ctr 282, In Person Term Based; Meets With: 015 BIOL 1961H; 2 cr.
50439 016 LAB, 8:30-11:30 TTh, Biological Science Ctr 286, In Person Term Based; Meets With: 016 BIOL 1961H; 2 cr.
50440 017 LAB, 13:00-16:00 TTh, Biological Sciences Ctr 198, In Person Term Based; Meets With: 017 BIOL 1961H; 2 cr.
50441 018 LAB, 13:00-16:00 TTh, Biological Sciences Ctr 259, In Person Term Based; Meets With: 018 BIOL 1961H; 2 cr.
50442 019 LAB, 13:00-16:00 TTh, Biological Science Ctr 282, In Person Term Based; Meets With: 019 BIOL 1961H; 2 cr.
50443 020 LAB, 13:00-16:00 TTh, Biological Science Ctr 286, In Person Term Based; Meets With: 020 BIOL 1961H; 2 cr.
50444 021 LAB, 17:10-20:10 TTh, Biological Sciences Ctr 198, In Person Term Based; Meets With: 021 BIOL 1961H; 2 cr.
50445 022 LAB, 17:10-20:10 TTh, Biological Sciences Ctr 259, In Person Term Based; Meets With: 022 BIOL 1961H; 2 cr.
50446 023 LAB, 17:10-20:10 TTh, Biological Science Ctr 282, In Person Term Based; Meets With: 023 BIOL 1961H; 2 cr.
50447 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 recommended(BIOL)

50448 001 LAB, 8:30-11:30 MW, Biological Sciences Ctr 198, In Person Term Based; Meets With: 001 BIOL 1961; 2 cr.
50449 002 LAB, 8:30-11:30 MW, Biological Sciences Ctr 259, In Person Term Based; Meets With: 002 BIOL 1961; 2 cr.
50450 003 LAB, 8:30-11:30 MW, Biological Science Ctr 282, In Person Term Based; Meets With: 003 BIOL 1961; 2 cr.
50451 004 LAB, 8:30-11:30 MW, Biological Science Ctr 286, In Person Term Based; Meets With: 004 BIOL 1961; 2 cr.
50452 005 LAB, 13:00-16:00 MW, Biological Sciences Ctr 198, In Person Term Based; Meets With: 005 BIOL 1961; 2 cr.
50453 006 LAB, 13:00-16:00 MW, Biological Sciences Ctr 259, In Person Term Based; Meets With: 006 BIOL 1961; 2 cr.
50454 007 LAB, 13:00-16:00 MW, Biological Science Ctr 282, In Person Term Based; Meets With: 007 BIOL 1961; 2 cr.
50455 008 LAB, 13:00-16:00 MW, Biological Science Ctr 286, In Person Term Based; Meets With: 008 BIOL 1961; 2 cr.
50456 009 LAB, 17:10-20:10 MW, Biological Sciences Ctr 198, In Person Term Based; Meets With: 009 BIOL 1961; 2 cr.
50457 010 LAB, 17:10-20:10 MW, Biological Sciences Ctr 259, In Person Term Based; Meets With: 010 BIOL 1961; 2 cr.
50458 011 LAB, 17:10-20:10 MW, Biological Science Ctr 282, In Person Term Based; Meets With: 011 BIOL 1961; 2 cr.

50459 012 LAB, 17:10-20:10 MW, Biological Science Ctr 286, In Person Term Based; Meets With: 012 BIOL 1961; 2 cr.

50460 013 LAB, 8:30-11:30 TTh, Biological Sciences Ctr 198, In Person Term Based; Meets With: 013 BIOL 1961; 2 cr.

50461 014 LAB, 8:30-11:30 TTh, Biological Sciences Ctr 259, In Person Term Based; Meets With: 014 BIOL 1961; 2 cr.

50462 015 LAB, 8:30-11:30 TTh, Biological Science Ctr 282, In Person Term Based; Meets With: 015 BIOL 1961; 2 cr.

50463 016 LAB, 8:30-11:30 TTh, Biological Science Ctr 286, In Person Term Based; Meets With: 016 BIOL 1961; 2 cr.

50464 017 LAB, 13:00-16:00 TTh, Biological Sciences Ctr 198, In Person Term Based; Meets With: 017 BIOL 1961; 2 cr.

50465 018 LAB, 13:00-16:00 TTh, Biological Sciences Ctr 259, In Person Term Based; Meets With: 018 BIOL 1961; 2 cr.

50466 019 LAB, 13:00-16:00 TTh, Biological Science Ctr 282, In Person Term Based; Meets With: 019 BIOL 1961; 2 cr.

50467 020 LAB, 13:00-16:00 TTh, Biological Science Ctr 286, In Person Term Based; Meets With: 020 BIOL 1961; 2 cr.

50468 021 LAB, 17:10-20:10 TTh, Biological Sciences Ctr 198, In Person Term Based; Meets With: 021 BIOL 1961; 2 cr.

50469 022 LAB, 17:10-20:10 TTh, Biological Sciences Ctr 259, In Person Term Based; Meets With: 022 BIOL 1961; 2 cr.

50470 023 LAB, 17:10-20:10 TTh, Biological Science Ctr 282, In Person Term Based; Meets With: 023 BIOL 1961; 2 cr.

50471 024 LAB, 17:10-20:10 TTh, Biological Science Ctr 286, In Person Term Based; Meets With: 024 BIOL 1961; 2 cr.

2003 Foundations of Biology for Biological Sciences Majors, Part II

(A-F only;)

50211 001 LEC, 11:15-13:10 TTh, Bruininks Hall 114, In Person Term Based; Meets With: 001 BIOL 2003H; Peter Kennedy, Tamar Resnick ; 3 cr.

50212 002 LEC, 13:25-15:20 TTh, Bruininks Hall 114, In Person Term Based; Meets With: 002 BIOL 2003H; Robert Brooker, Mark Decker ; 3 cr.

2003H Foundations of Biology for Biological Sciences Majors, Part II

(A-F only;)

50227 001 LEC, 11:15-13:10 TTh, Bruininks Hall 114, In Person Term Based; Meets With: 001 BIOL 2003; Peter Kennedy, Tamar Resnick ; 3 cr.

50228 002 LEC, 13:25-15:20 TTh, Bruininks Hall 114, In Person Term Based; Meets With: 002 BIOL 2003; Robert Brooker, Mark Decker ; 3 cr.

2005 Animal Diversity Laboratory

(Student Option;)

50063 001 LAB, 9:35-12:35 T, Biological Sciences Ctr 107, In Person Term Based; 2 cr.

50064 002 LAB, 13:55-16:55 T, Biological Sciences Ctr 107, In Person Term Based; 2 cr.

50065 003 LAB, 18:10-21:10 T, Biological Sciences Ctr 107, In Person Term Based; 2 cr.

50066 004 LAB, 9:35-12:35 W, Biological Sciences Ctr 107, In Person Term Based; 2 cr.

50067 005 LAB, 13:55-16:55 W, Biological Sciences Ctr 182, In Person Term Based; 2 cr.

50068 006 LAB, 15:00-18:00 W, Biological Sciences Ctr 107, In Person Term Based; 2 cr.

50069 007 LAB, 9:35-12:35 Th, Biological Sciences Ctr 107, In Person Term Based; 2 cr.

50070 008 LAB, 13:55-16:55 Th, Biological Sciences Ctr 107, In Person Term Based; 2 cr.

50071 009 LAB, 18:10-21:10 Th, Biological Sciences Ctr 107, In Person Term Based; 2 cr.

50072 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)

50345 001 LAB, 12:50-15:50 Th, Biological Sciences Ctr 182, In Person Term Based; 1 cr.

2012 General Zoology

(Student Option; Prereq: One semester of college biology)

50050 001 LEC, 9:35-10:25 MWF, Ruttan Hall B35, In Person Term Based; Adam Engelhardt ; 4 cr.

50051 002 LAB, 8:30-11:30 T, Biological Sciences Ctr 182, In Person Term Based; 4 cr.

50052 003 LAB, 12:50-15:50 T, Biological Sciences Ctr 182, In Person Term Based; 4 cr.

50053 004 LAB, 17:10-20:10 T, Biological Sciences Ctr 182, In Person Term Based; 4 cr.

50054 005 LAB, 10:40-13:40 W, Biological Sciences Ctr 182, In Person Term Based; 4 cr.

50185 006 LAB, 8:30-11:30 Th, Biological Sciences Ctr 182, In Person Term Based; 4 cr.

50351 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.)

50377 001 LEC, 17:00-18:55 W, McNeal Hall 10, In Person Term Based; James Cotner, Dana Davis ; 3 cr.

63963 002 LAB, 19:05-20:00 W, McNeal Hall 126, In Person Term Based; James Cotner, Dana Davis ; 3 cr.

2301 Dean's Scholar: Critical Service Learning

(S-N only; Prereq: 1301, CBS Dean's Scholar)

50308 002 DIS, 13:25-15:20 F, Molecular Cellular Biol 2-122, In Person Term Based; Amy Barton ; 2 cr.

2906 Nature of Life, Part IV

(S-N only; Prereq: 2905)

50348 001 IND, 00:00-00:00 , ONLINE, Completely Online; Abby Conover ; 0.5 cr.

3004 Foundations of Biology for Biological Sciences Majors, Part II Laboratory

(A-F only;)

50232 001 LEC, 13:55-15:50 T, Ecology Building 170, In Person Term Based; Meets With: 001 BIOL 3004H; 3 cr.

50233 002 LEC, 12:50-14:45 W, Ecology Building 170, In Person Term Based; Meets With: 002 BIOL 3004H; 3 cr.

50234 003 LEC, 16:05-18:00 Th, Ecology Building 170, In Person Term Based; Meets With: 003 BIOL 3004H; 3 cr.

50235 004 LEC, 15:00-16:55 W, Ecology Building 170, In Person Term Based; Meets With: 004 BIOL 3004H; 3 cr.

50236 005 LEC, 13:55-15:50 Th, Biological Sciences Ctr 12, In Person Term Based; Meets With: 005 BIOL 3004H; 3 cr.

50237 009 LEC, 13:55-15:50 W, Biological Sciences Ctr 12, In Person Term Based; Meets With: 009 BIOL 3004H; 3 cr.

50238 008 LEC, 11:45-13:40 W, Biological Sciences Ctr 12, In Person Term Based; Meets With: 008 BIOL 3004H; 3 cr.

50239 011 LEC, 16:05-18:00 Th, Ecology Building 170, In Person Term Based; Meets With: 011 BIOL 3004H; 3 cr.

50240 012 LEC, 10:40-12:35 W, Ecology Building 170, In Person Term Based; Meets With: 012 BIOL 3004H; 3 cr.

50273 010 LEC, 11:45-13:40 F, Biological Sciences Ctr 12, In Person Term Based; Meets With: 010 BIOL 3004H; 3 cr.

50309 013 LEC, 13:55-15:50 Th, Ecology Building 170, In Person Term Based; Meets With: 013 BIOL 3004H; 3 cr.

50321 006 LEC, 16:05-18:00 Th, Biological Sciences Ctr 12, In Person Term Based; Meets With: 006 BIOL 3004H; 3 cr.

50322 007 LEC, 9:35-11:30 F, Biological Sciences Ctr 12, In Person Term Based; Meets With: 007 BIOL 3004H; 3 cr.

3004H Foundations of Biology for Biological Sciences Majors, Part II Laboratory

(A-F only; Prereqs BIOL (2002 or 2002H or 1961or 1961H) and honors)

50241 001 LEC, 13:55-15:50 T, Ecology Building 170, In Person Term Based; Meets With: 001 BIOL 3004; 3 cr.

50242 002 LEC, 12:50-14:45 W, Ecology Building 170, In Person Term Based; Meets With: 002 BIOL 3004; 3 cr.

50243 003 LEC, 16:05-18:00 Th, Ecology Building 170, In Person Term Based; Meets With: 003 BIOL 3004; 3 cr.

50244 004 LEC, 15:00-16:55 W, Ecology Building 170, In Person Term Based; Meets With: 004 BIOL 3004; 3 cr.

50245 005 LEC, 13:55-15:50 Th, Biological Sciences Ctr 12, In Person Term Based; Meets With: 005 BIOL 3004; 3 cr.

50246 008 LEC, 11:45-13:40 W, Biological Sciences Ctr 12, In Person Term Based; Meets With: 008 BIOL 3004; 3 cr.

50247 009 LEC, 13:55-15:50 W, Biological Sciences Ctr 12, In Person Term Based; Meets With: 009 BIOL 3004; 3 cr.

50248 010 LEC, 11:45-13:40 F, Biological Sciences Ctr 12, In Person Term Based; Meets With: 010 BIOL 3004; 3 cr.

50249 011 LEC, 16:05-18:00 T, Ecology Building 170, In Person Term Based; Meets With: 011 BIOL 3004; 3 cr.

50274 012 LEC, 10:40-12:35 W, Ecology Building 170, In Person Term Based; Meets With: 012 BIOL 3004; 3 cr.

50311 013 LEC, 13:55-15:50 Th, Ecology Building 170, In Person Term Based; Meets With: 013 BIOL 3004; 3 cr.

50323 006 LEC, 16:05-18:00 Th, Biological Sciences Ctr 12, In Person Term Based; Meets With: 006 BIOL 3004; 3 cr.

50324 007 LEC, 9:35-11:30 F, Biological Sciences Ctr 12, In Person Term Based; Meets With: 007 BIOL 3004; 3 cr.

3020 Molecular Biology and Society

(S-N only; Prerequisite for most upper-level CBS courses.TS)

50383 001 LEC, 14:30-15:45 MW, Bruininks Hall 312, In Person Term Based; Anath Das ; 3 cr.

50396 002 LEC, 10:15-11:30 TTh, Biological Sciences Ctr 64, In Person Term Based; Jane Glazebrook, Kathryn Fixen ; 3 cr.

50488 003 LEC, 13:00-14:15 TTh, Bruininks Hall 312, In Person Term Based; David Kirkpatrick ; 3 cr.

66518 004 LEC, 14:30-15:45 TF, Bruininks Hall 131B, In Person Term Based; Anath Das ; 3 cr.

3209 Understanding the Evolution-Creationism Controversy

(A-F only; Prereq: BIOL 1001, 1009, 1951 or 2002, or equivCIV)

50287 001 LEC, 8:15- 9:30 TTh, Molecular Cellular Biol 2-122, In Person Term Based; Randy Moore ; 3 cr.

3272 Applied Biostatistics

(A-F only; Prereq: High school algebra; BIOL 2003 recommended)

50347 001 LEC, 10:15-11:30 MWF, 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; Prereq: High school algebra; BIOL 2003 recommended.)

50498 001 LEC, 10:15-11:30 MWF, Biological Sciences Ctr 64, In Person Term Based; Meets With: 001 BIOL 3272001 BIOL 5272; Yaniv Brandvain ; 4 cr.

3302 Dean's Scholar: Leadership Capstone Experience

(S-N only; Prereq: 1301, 2301, CBS dean's scholar)

50275 001 DIS, 13:00-14:15 W, Bruininks Hall 530B, In Person Term Based; 1 cr.

67190 002 DIS, 11:15-12:30 Th, Bruininks Hall 412, 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)

50039 001 IND, 00:00-00:00 , In Person Term Based; Carolyn Silflow ; 1-2 cr.

3610 Internship: Professional Experience in Biological Sciences

(S-N or Audit; Prereq: Acceptance into CBS Internship Program, internship workshop, college consent.)

50081 001 FWK, In Person Term Based; Rebecca Dordel ; 1-6 cr.

3700 Undergraduate Seminar

(Student Option;)

67332 001 LEC, 12:50-13:40 M, Peters Hall 145, In Person Term Based; Matt Nelson, Arjun Khakhar ; 1-3 cr.

67333 002 LEC, 13:55-14:55 F, Ruttan Hall B26, In Person Term Based; Tara Enders ; 1-3 cr.

67334 003 LEC, 13:05-13:55 M, Biological Sciences Ctr 12, In Person Term Based; Patrick Monnahan ; 1-3 cr.

67335 004 LEC, 13:00-14:15 Th, Kothoff Hall 140, In Person Term Based; Rahul Roy ; 1-3 cr.

3905 Beyond the Nobel Prize: Examining the Evolution of Swedish Innovation

(A-F only; GP)

68030 001 DIS, 13:25-15:25 W, Mechanical Engineering 102, In Person Term Based; Nikki Letawsky Shultz ; 3 cr.

3960H Communicating in the Biological Sciences

(A-F only;)

50318 001 LEC, 14:30-15:20 M, Molecular Cellular Biol 2-122, In Person Term Based; John Ward ; 1 cr.

4003 Genetics

(Student Option; Prereq: Biol 3020 or BioC 3021 or BioC 4331 or grad MSB)

50138 003 LEC, 8:45-10:00 TTh, Biological Sciences Ctr 64, In Person Term Based; Nathan Springer ; 3 cr.

50325 001 LEC, 17:30-18:45 TTh, Ruttan Hall B35, In Person Term Based; William Gray ; 3 cr.

50379 002 LEC, 9:05- 9:55 MWF, Folwell Hall 108, In Person Term Based; Nobuaki Kikyo ; 3 cr.

50416 003 LEC, Completely Online; Robert Brooker ; 3 cr.

4004 Cell Biology

(Student Option; Prereq: BIOL 3020 or BIOL 4003 or grad MSB)

50137 002 LEC, 11:15-12:30 TTh, Molecular Cellular Biol 3-120, In Person Term Based; Duncan Clarke ; 3 cr.
50182 003 LEC, 9:05- 9:55 MWF, Fraser Hall 101, In Person Term Based; Deanna Koepf ; 3 cr.
50326 001 LEC, 11:45-13:00 TTh, Ruttan Hall B25, In Person Term Based; Clay Carter ; 3 cr.
50417 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)

50272 001 FWK, 00:00-00:00 , , In Person Term Based; Cheryl Scott ; 1 cr.
50289 002 FWK, 00:00-00:00 , , In Person Term Based; Adam Engelhardt ; 1 cr.

4321W Deconstructing Research: Writing about Biological Research for Non-scientists

(Student Option; Prereq: BIOL 2003 and BIOL 3004WI)

50391 001 DIS, 16:40-18:20 T, Bruininks Hall 530A, In Person Term Based; Maxwell Kramer ; 2 cr.

4793W Directed Studies: Writing Intensive

(S-N only; Prereq: instr consent, dept consentWI)

50263 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-6 cr.

4794W Directed Research

(S-N only; Prereq: instr consent, dept consentWI)

50264 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-6 cr.

4950 Special Topics in Biology

(S-N only;)

67275 001 DIS, 9:45-11:00 F, Bruininks Hall 530B, In Person Term Based; Linh Chau ; 1-4 cr.

4961H Thesis Writing in the Biological Sciences: Conveying and Contextualizing Results

(A-F only;)

50315 001 LEC, 12:20-13:10 W, Bruininks Hall 412, In Person Term Based; Leslie Schiff ; 1 cr.

4993 Directed Studies

(S-N only; Prereq: instr consent, dept consent)

50252 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-6 cr.

4994 Directed Research

(S-N only; Prereq: instr consent, dept consent)

50253 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-6 cr.

5272 Applied Biostatistics

(A-F only; Prereq: High school algebra; BIOL 2003 recommended.)

50353 001 LEC, 10:15-11:30 MWF, 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)

50123 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

6794 Directed Research

(S-N or Audit; Prereq: MBS, instr consent)

50124 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

6999 Capstone Project

(S-N or Audit; Prereq: MBS, instr consent)

50125 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.)

54470 001 LEC, 14:30-16:25 W, Anderson Hall 270, In Person Term Based; Roderick Squires ; 2 cr.

3991 Biology, Society and Environment Capstone Completion

(S-N only;)

67326 001 IND, Completely Online; Katherine Klink ; 1 cr.

3996 Senior Project Directed Research

(A-F only; Prereq-instr consent, dept consent, college consent.)

55984 001 IND, In Person Term Based; Bruce Braun ; 3-4 cr.
55985 002 IND, In Person Term Based; Kathryn Grace ; 3-4 cr.
55986 003 IND, In Person Term Based; Daniel Griffin ; 3-4 cr.
55987 004 IND, In Person Term Based; Kurt Kipfmuller ; 3-4 cr.
55988 005 IND, In Person Term Based; Katherine Klink ; 3-4 cr.
55989 006 IND, In Person Term Based; Arun Saldanha ; 3-4 cr.
55990 007 IND, In Person Term Based; Abdi Samatar ; 3-4 cr.
55991 008 IND, In Person Term Based; Roderick Squires ; 3-4 cr.
55992 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.)

55993 001 IND, In Person Term Based; Bruce Braun ; 3-4 cr.
55994 002 IND, In Person Term Based; Kathryn Grace ; 3-4 cr.
55995 003 IND, In Person Term Based; Daniel Griffin ; 3-4 cr.
55996 004 IND, In Person Term Based; Kurt Kipfmuller, Ivan Bialostosky ; 3-4 cr.
55997 005 IND, In Person Term Based; Katherine Klink ; 3-4 cr.
55998 006 IND, In Person Term Based; Arun Saldanha ; 3-4 cr.
55999 007 IND, In Person Term Based; Abdi Samatar ; 3-4 cr.
56000 008 IND, In Person Term Based; Roderick Squires ; 3-4 cr.
56001 009 IND, In Person Term Based; 3-4 cr.

3997 Senior Project

(A-F only; Prereq-instr consent, dept consent, college consent.)

56015 001 IND, In Person Term Based; Bruce Braun ; 2 cr.
56016 002 IND, In Person Term Based; Kathryn Grace ; 2 cr.
56017 003 IND, In Person Term Based; Daniel Griffin ; 2 cr.
56018 004 IND, In Person Term Based; Kurt Kipfmuller ; 2 cr.
56019 005 IND, In Person Term Based; Katherine Klink ; 2 cr.
56020 006 IND, In Person Term Based; Arun Saldanha ; 2 cr.
56021 007 IND, In Person Term Based; Abdi Samatar ; 2 cr.
56022 008 IND, In Person Term Based; Roderick Squires ; 2 cr.
56023 009 IND, In Person Term Based; 2 cr.

3997H Honors: Senior Project

(A-F only; Prereq-instr consent, dept consent, college consent.)

56027 001 IND, In Person Term Based; Bruce Braun ; 2 cr.
56028 002 IND, In Person Term Based; Kathryn Grace ; 2 cr.
56029 003 IND, In Person Term Based; Daniel Griffin ; 2 cr.
56030 004 IND, In Person Term Based; Kurt Kipfmuller ; 2 cr.
56031 005 IND, In Person Term Based; Katherine Klink ; 2 cr.
56032 006 IND, In Person Term Based; Arun Saldanha ; 2 cr.
56033 007 IND, In Person Term Based; Abdi Samatar ; 2 cr.
56034 008 IND, In Person Term Based; Roderick Squires ; 2 cr.
56035 009 IND, In Person Term Based; 2 cr.

Biomedical Engineering (BMEN)

1602 Biomedical Engineering Undergraduate Seminar II

(A-F only; Prereq: CSE student)

59052 001 LEC, 14:30-15:20 W, Molecular Cellular Biol 3-120, In Person Term Based; 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)

60075 001 LEC, 13:00-14:15 TTh, Fraser Hall 101, In Person Term Based; Jonathan Sachs ; 3 cr.
60148 002 DIS, 12:20-13:10 M, Bruininks Hall 123, In Person Term Based; Jonathan Sachs ; 3 cr.
60149 003 DIS, 12:20-13:10 W, Bruininks Hall 123, In Person Term Based; Jonathan Sachs ; 3 cr.
60150 004 DIS, 12:20-13:10 F, Bruininks Hall 123, In Person Term Based; Jonathan Sachs ; 3 cr.
60151 005 DIS, 8:00- 8:50 T, Bruininks Hall 117, In Person Term Based; Jonathan Sachs ; 3 cr.

60152 006 DIS, 8:00- 8:50 Th, Bruininks Hall 117, In Person Term Based; Jonathan Sachs ; 3 cr.

2151 Introductory Medical Device Prototyping

(A-F only;)

60891 001 LEC, 10:10-11:00 MW, Mayo Medical Device Ctr G217-1, In Person Term Based; Steven Saliterman ; 3 cr.
60892 002 LAB, 10:10-12:05 Th, Mayo Medical Device Ctr G217-1, In Person Term Based; Steven Saliterman ; 3 cr.
61046 004 LAB, 14:30-16:25 F, Mayo Medical Device Ctr G217-1, In Person Term Based; Steven Saliterman ; 3 cr.
61125 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])

60428 001 LEC, 10:10-11:00 MWF, Jackson Hall 2-137, In Person Term Based; David Wood, David Odde ; 3 cr.
60429 002 DIS, 9:05- 9:55 T, Amundson Hall 116, In Person Term Based; David Wood, David Odde ; 3 cr.
60430 003 DIS, 9:05- 9:55 Th, Ford Hall 150, In Person Term Based; David Wood, David Odde ; 3 cr.
60431 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])

60448 001 LAB, 10:10-12:05 T, Moos Health Sci Tower 3-238, In Person Term Based; David Wood, David Odde ; 1 cr.
60449 002 LAB, 12:20-14:15 T, Moos Health Sci Tower 3-238, In Person Term Based; David Wood, David Odde ; 1 cr.
60450 003 LAB, 10:10-12:05 Th, Moos Health Sci Tower 3-238, In Person Term Based; David Wood, David Odde ; 1 cr.
60451 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])

60432 001 LEC, 11:15-12:05 MWF, Jackson Hall 2-137, In Person Term Based; Chun Wang ; 3 cr.
60433 002 DIS, 11:15-12:05 T, Amundson Hall 124, In Person Term Based; Chun Wang ; 3 cr.
60434 003 DIS, 11:15-12:05 Th, Amundson Hall 124, In Person Term Based; Chun Wang ; 3 cr.
60435 004 DIS, 8:00- 8:50 W, Ford Hall 130, 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])

60436 001 LAB, 12:20-14:15 T, Moos Health Sci Tower 3-244, In Person Term Based; Chun Wang ; 1 cr.
60437 002 LAB, 14:30-16:25 T, Moos Health Sci Tower 3-244, In Person Term Based; Chun Wang ; 1 cr.
60438 003 LAB, 12:20-14:15 Th, Moos Health Sci Tower 3-244, In Person Term Based; Chun Wang ; 1 cr.
60439 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])

60440 001 LEC, 9:05- 9:55 MWF, Jackson Hall 2-137, In Person Term Based; Matthew Johnson, Alexander Opitz ; 3 cr.
60441 002 DIS, 15:35-16:25 T, Amundson Hall 120, In Person Term Based; Matthew Johnson, Alexander Opitz ; 3 cr.
60442 003 DIS, 15:35-16:25 Th, Amundson Hall 120, In Person Term Based; Matthew Johnson, Alexander Opitz ; 3 cr.
60443 004 DIS, 8:00- 8:50 Th, Ford Hall 115, In Person Term Based; Matthew Johnson, Alexander Opitz ; 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])

60444 001 LAB, 8:00- 9:55 T, Moos Health Sci Tower 3-349, In Person Term Based; Matthew Johnson, Alexander Opitz ; 1 cr.
60445 002 LAB, 10:10-12:05 T, Moos Health Sci Tower 3-349, In Person Term Based; Matthew Johnson, Alexander Opitz ; 1 cr.

60446 003 LAB, 8:00- 9:55 Th, Moos Health Sci Tower 3-349, In Person Term Based; Matthew Johnson, Alexander Opitz ; 1 cr.

60447 004 LAB, 10:10-12:05 Th, Moos Health Sci Tower 3-349, In Person Term Based; Alexander Opitz ; 1 cr.

4002W Biomedical Engineering Design II

(A-F or Audit; Prereq: 4001WWW)
59080 002 DIS, In Person Term Based; Shai Ashkenazi ; 3 cr.
59769 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)
59053 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)
59054 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)
60814 001 IND, In Person Term Based; Taner Akkin ; 1-4 cr.

5041 Tissue Engineering

(Student Option; Prereq: CSE upper div or grad student or med student or instr consent)
60815 001 LEC, 13:00-14:15 TTh, Molecular Cellular Biol 2-122, In Person Term Based; Wei Shen ; 3 cr.

5101 Advanced Bioelectricity and Instrumentation

(Student Option; Prereq: [CSE upper div, grad student] or instr consent)
59234 001 LEC, 9:45-11:00 TTh, Keller Hall 3-125, In Person Term Based; Alena Talkachova ; 3 cr.

60647 883 LEC, 9:45-11:00 TTh, ONLINE, Completely Online; Alena Talkachova ; 3 cr.

5111 Biomedical Ultrasound

(Student Option; Prereq: [[PHYS 1302 or equiv], [MATH 2374 or equiv]] or instr consent)
60644 001 LEC, 12:20-13:10 MWF, Bruininks Hall 117, 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)
60137 001 LEC, 15:35-17:30 Th, Molecular Cellular Biol 2-120, In Person Term Based; Steven Saliterman ; 2 cr.

5311 Advanced Biomedical Transport Processes

(Student Option;)
58867 001 LEC, 9:05- 9:55 MWF, Mechanical Engineering 108, In Person Term Based; Meets With: 001 CHEN 5753; Robert Tranquillo ; 3 cr.
60672 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])
60895 001 LEC, 9:45-11:00 MW, Molecular Cellular Biol 2-122, In Person Term Based; Cory Gloeckner ; 3 cr.

5421 Introduction to Biomedical Optics

(A-F or Audit; Prereq: CSE sr or grad student)
60893 001 LEC, 11:15-12:30 TTh, Bruininks Hal 121, In Person Term Based; Taner Akkin ; 3 cr.

5601 Cardiovascular Devices

(A-F or Audit; Prereq: BMEN 3011, 3111, 3211, or equivalents with instr consent)
60832 001 LEC, 14:30-15:20 Th, Molecular Cellular Biol 2-122, In Person Term Based; William Rissmann ; 1 cr.

8041 Advanced Tissue Engineering Lab

(A-F or Audit;)
60622 001 LAB, 13:00-15:30 F, Moos Health Sci Tower 3-343, In Person Term Based; Brenda Ogle ; 3 cr.

8101 Biomedical Digital Signal Processing

(A-F or Audit; Prereq: [[MATH 2243 or MATH 2373], [MATH 2263 or MATH 2374]] or equiv)
66285 001 LEC, 16:45-18:00 MT, Nils Hasselmo Hall 2-101, In Person Term Based; Hubert Lim ; 3 cr.

8151 Biomedical Electronics and Implantable Microsystems

(Student Option; Prerequisites: BMEN 5101 or equivalent background in bioinstrumentation and electric circuits.)

61071 001 LEC, 14:30-15:45 TTh, Ford Hall 170, In Person Term Based; Zhi Yang ; 3 cr.

8201 Advanced Tissue Mechanics

(A-F or Audit; Prereq: 3011 or AEM 2021 or equiv)
60247 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)
58934 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8381 Bioheat and Mass Transfer

(Student Option; Prereq: CSE grad student, upper div transport/fluids course; [physics, biology] recommended)
68675 001 LEC, 9:45-11:00 TTh, Akerman Hall 317, In Person Term Based; Meets With: 001 ME 8381; John Bischof ; 3 cr.

8402 New Product Design and Business Development

(A-F or Audit; Prereq: 8401)
58895 001 LEC, 17:00-20:20 W, Carlson School of Mgmt 1-147, In Person Term Based; Meets With: 060 ENTR 6042001 ME 8222; Daniel Forbes, William Durfee, Arthur Erdman ; 4 cr.

8411 Neuroengineering Seminar

(S-N only;)
67005 001 LEC, 13:00-14:15 TTh, Mechanical Engineering 18, In Person Term Based; Tay Netoff ; 2 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.)
60623 001 LEC, 13:00-14:15 TTh, Ford Hall B60, 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)
60519 001 LEC, 15:00-17:00 WF, Mayo Bldg & Additions D199, 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)
58950 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8502 Physiological Control Systems

(A-F only; Prereq: 8101 or equiv)
60894 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;)
58878 001 LEC, 15:35-16:40 MW, Nils Hasselmo Hall 2-101, In Person Term Based; Patrick Alford ; 1 cr.
59223 883 LEC, 15:35-16:40 M, ONLINE, Completely Online; Patrick Alford ; 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)
58966 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8710 Directed Research

(Student Option;)
58879 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)
58880 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])
58985 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8820 Plan B Project

(Student Option; Prereq: BMEN MS student)
58896 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)
59007 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8910 Independent Study

(Student Option; Prereq: Grad BMEN major)
58881 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)
65642 001 LEC, Completely Online; David Schmidt ; 3 cr.

2201 Renewable Energy and the Environment

(Student Option; TS)
56669 001 LEC, 00:00-00:00 , ONLINE, Completely Online; David Schmidt, Cindy McComas ; 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])
60134 001 LEC, 9:30-10:45 MW, Kaufert Laboratory 302, 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])
60231 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)
58769 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)
56726 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Natalie Hunt, Jason Hill ; 3 cr.

3393 Directed Study

(Student Option; Prereq: instr consent)
56166 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

3396 Industry Assignment

(A-F or Audit;)
56165 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])
59757 001 LEC, 12:50-13:40 MWF, McNeal Hall 33, In Person Term Based; John Nieber ; 3 cr.
60301 002 DIS, 13:55-14:45 M, McNeal Hall 33, In Person Term Based; John Nieber ; 3 cr.

4302 Biodegradation of Bioproducts

(Student Option; Prereq: 1002 or instr consent)
56544 002 LAB, 11:45-13:00 Th, Borlaug Hall 365, In Person Term Based; Meets With: 002 BBE 5302; 3 cr.

4303 Introduction to Bio-based Materials Science

(A-F or Audit; Prereq: 2001 or instr consent)
60135 001 LEC, 8:45-10:00 TTh, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 BBE 5303; Steve Severson ; 3 cr.

4305 Pulp and Paper Technology

(Student Option; Prereq: Junior or senior or instr consent)

56702 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)

60195 001 LEC, 18:00-21:20 T, Keller Hall 3-111, In Person Term Based; Meets With: 001 BBE 5333; Jonathan Chaplin ; 4 cr.

4403 Bio-based Products Engineering Lab I

(A-F or Audit; Prereq: CHEM 2301, [jr or sr or instr consent])

61084 001 LAB, 8:30-11:00 W, Kaufert Laboratory 60, In Person Term Based; Meets With: 001 BBE 5403; Ulrike Tschirner ; 1 cr.

64935 002 LAB, 8:30-11:00 F, Kaufert Laboratory 60, In Person Term Based; Meets With: 002 BBE 5403; Ulrike Tschirner ; 1 cr.

4491 Independent Study

(Student Option; Prereq: CSE or CFANS students, Upper Division; instructor permission)

56811 001 IND, In Person Term Based; 1-4 cr.

4502W BBE Capstone Design

(A-F or Audit; Prereq: 2002, srWI)

59647 001 LEC, 14:15-17:15 W, Biosystems & Ag Eng Bldg 106, In Person Term Based; Sonia Jacobsen, 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)

59833 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)

59758 001 LEC, 13:15-14:05 TTh, Biosystems & Ag Eng Bldg 106, In Person Term Based; Chuck Clanton ; 3 cr.
59759 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)

59760 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)

60224 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)

59843 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.)

60855 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)

60957 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)

56314 001 IND, 00:00-00:00 , , In Person Term Based; 2 cr.
56588 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)

56316 001 IND, 00:00-00:00 , , In Person Term Based; 2 cr.
56589 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)

58599 001 FWK, 00:00-00:00 , , In Person Term Based; 2 cr.

5095 Special Problems

(Student Option; Prereq: instr consent)

58770 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

5302 Biodegradation of Bioproducts

(Student Option; Prereq: Grad student or instr consent)

56547 002 LAB, 11:45-13:00 Th, Borlaug Hall 365, In Person Term Based; Meets With: 002 BBE 4302; 3 cr.

5303 Introduction to Bio-based Materials Science

(Student Option;)

60136 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;)

56703 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 CEGE 3502 or concurrent registration is required (or allowed) in CEGE 3502], upper div CSE] or instr consent)

60194 001 LEC, 18:00-21:20 T, Keller Hall 3-111, In Person Term Based; Meets With: 001 BBE 4333; Jonathan Chaplin ; 4 cr.

5403 Bio-based Products Engineering Lab I

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

61085 001 LAB, 8:30-11:00 W, Kaufert Laboratory 60, In Person Term Based; Meets With: 001 BBE 4403; Ulrike Tschirner ; 1 cr.

64937 002 LAB, 8:30-11:00 F, Kaufert Laboratory 60, In Person Term Based; Meets With: 002 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)

60201 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)

60241 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)

60239 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)

60238 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)

60856 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)

60958 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)

56603 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)

56490 001 IND, 00:00-00:00 , , In Person Term Based; John Nieber ; 2-6 cr.

8300 Research Problems

(Student Option; Prereq: instr consent)

56167 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)

56375 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)

56392 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8513 Hydrologic Modeling of Small Watersheds

(Student Option; Prereq: [3012 or CEGE 3502], hydrology course)

66832 001 LEC, 8:45-10:00 TTh, Biosystems & Ag Eng Bldg 106, In Person Term Based; Bruce Wilson ; 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)

56404 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])

56422 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)

56441 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])

57253 001 LEC, 8:15- 9:30 MW, Hanson Hall 1-102, 9:45-11:00 TTh, Hanson Hall 1-104, 8:15- 9:30 TTh, Hanson Hall 1-104, 9:45-11:00 MW, Hanson Hall 1-102, In Person Term Based; Jacelly Cespedes Telleria, Julia Van Etten, Thomas Buchner, Mary Benner ; 12 cr.

57254 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 1-104, 11:15-12:30 TTh, Hanson Hall 1-102, In Person Term Based; John Molloy, Wayne Mueller, Alex Wilson, Ximin (Natalie) Huang ; 12 cr.

57255 003 LEC, 13:00-14:15 MW, Hanson Hall 1-102, 14:30-15:45 TTh, Hanson Hall 1-104, 13:00-14:15 TTh, Hanson Hall 1-104, 14:30-15:45 MW, Hanson Hall 1-102, In Person Term Based; Jacelly Cespedes Telleria, Julia Van Etten, Thomas Buchner, Mary Benner ; 12 cr.

57256 004 LEC, 8:15- 9:30 MW, Hanson Hall 1-106, 14:30-15:45 TTh, Hanson Hall 1-102, 13:00-14:15 TTh, Hanson Hall 1-102, 9:45-11:00 MW, Hanson Hall 1-106, In Person Term Based; Alex Wilson, Ximin (Natalie) Huang, Ameer Mcdonlad, Jacelly Cespedes Telleria ; 12 cr.

57355 005 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; Ximin (Natalie) Huang, Alex Wilson, Stuart Webb, Corey Nelson; 12 cr.

1001 Introduction to Analyzing Business Problems using Excel

(A-F only;)
57582 001 LEC, 11:15-12:05 MW, Carlson School of Mgmt 1-143, In Person Term Based; Helen Moser; 1 cr.
57583 002 LEC, 13:25-14:15 MW, Hanson Hall 1-108, In Person Term Based; Helen Moser; 1 cr.
57584 003 LEC, 8:00- 8:50 MW, Carlson School of Mgmt 1-132, In Person Term Based; John Molloy; 1 cr.
57585 004 LEC, 12:20-13:10 MW, Carlson School of Mgmt 1-143, In Person Term Based; Helen Moser; 1 cr.
57586 005 LEC, 10:10-11:00 MW, Carlson School of Mgmt 2-233, In Person Term Based; Helen Moser; 1 cr.
57587 006 LEC, 12:20-13:10 MW, Carlson School of Mgmt 1-142, In Person Term Based; Jeff Bailey; 1 cr.

3000 Career Skills

(S-N only; Prereq: CSOM [soph or upper div] major, MACC, MBT)

57151 001 LEC, 13:45-15:00 M, Carlson School of Mgmt 1-114, In Person Term Based; Tara Dillon; 1 cr.
57152 002 LEC, 11:50-13:05 M, Carlson School of Mgmt 2-224, In Person Term Based; Tara Dillon; 1 cr.
57418 003 LEC, 16:00-17:15 M, Carlson School of Mgmt 2-233, In Person Term Based; Jennifer Fuhrman; 1 cr.
57419 004 LEC, 9:55-11:10 T, Carlson School of Mgmt L-114, In Person Term Based; Chad Ellsworth; 1 cr.
57420 005 LEC, 13:45-15:00 W, Carlson School of Mgmt 1-114, In Person Term Based; Lisa Novack; 1 cr.
57421 006 LEC, 16:00-17:15 W, Carlson School of Mgmt 2-233, In Person Term Based; Jennifer Fuhrman; 1 cr.
57422 007 LEC, 9:55-11:10 Th, Carlson School of Mgmt 2-233, In Person Term Based; Xiaoji Zhang; 1 cr.
65704 008 LEC, 9:55-11:10 F, Carlson School of Mgmt 1-132, In Person Term Based; Chad Ellsworth; 1 cr.

3998 Directed Study

(Student Option; Prereq: CSOM major, instr consent)
57128 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

3999 Internship Seminar

(S-N only; Prereq: Approved internship, instr consent)
57138 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)
57617 001 FWK, 8:00- 9:40 TTh, Room TBA, In Person Term Based; Susanna Gibbons; 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)
57618 001 FWK, 8:00- 9:40 MW, Room TBA, 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)
57463 001 FWK, 8:00- 9:40 TTh, Carlson School of Mgmt 1-136, 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)
57258 001 FWK, 8:00- 9:40 TTh, Room TBA, In Person Term Based; Siddharth Chandramouli; 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)
57219 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)
57279 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)
57144 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)
57145 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)
57149 001 IND, In Person Term Based; 1-24 cr.

Business Law (BLAW)

3058 The Law of Contracts and Agency

(A-F or Audit;)
57116 001 DIS, 8:00- 9:40 MW, Hanson Hall 1-103, In Person Term Based; Jack Kramer; 4 cr.
57117 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)
57539 060 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-135, In Person Term Based; Jack Kramer; 2 cr.

Carlson Executive MBA (CMBA)

Carlson School of Management (CSOM)

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)
59655 001 LEC, 11:15-12:05 MWF, Amundson Hall B75, In Person Term Based; Samira Azarin; 4 cr.
59656 002 DIS, 9:05- 9:55 TTh, Amundson Hall 120, In Person Term Based; Samira Azarin; 4 cr.
59657 004 DIS, 12:20-13:10 TTh, Amundson Hall 162, In Person Term Based; Samira Azarin; 4 cr.
59658 005 DIS, 14:30-15:20 TTh, Amundson Hall 162, In Person Term Based; Samira Azarin; 4 cr.
60308 006 DIS, 8:00- 8:50 TTh, Amundson Hall 120, In Person Term Based; Samira Azarin; 4 cr.
60309 007 DIS, 15:35-16:25 TTh, Amundson Hall 162, In Person Term Based; Samira Azarin; 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)
58785 001 LEC, 9:05- 9:55 MWF, Amundson Hall B75, In Person Term Based; Christopher Ellison; 4 cr.
58786 004 DIS, 10:10-11:00 TTh, Amundson Hall 116, In Person Term Based; Christopher Ellison; 4 cr.
58787 005 DIS, 11:15-12:05 TTh, Akerman Hall 327, In Person Term Based; Christopher Ellison; 4 cr.
59193 008 DIS, 15:35-16:25 TTh, Amundson Hall 158, In Person Term Based; Christopher Ellison; 4 cr.
59650 009 DIS, 16:40-17:30 TTh, Amundson Hall 158, In Person Term Based; Christopher Ellison; 4 cr.
60310 002 DIS, 8:00- 8:50 TTh, Amundson Hall 116, In Person Term Based; 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)
59651 001 LEC, 10:10-11:00 MWF, Amundson Hall B75, In Person Term Based; Matthew Neurock; 3 cr.
59652 004 DIS, 10:10-11:00 T, Amundson Hall 158, In Person Term Based; Matthew Neurock; 3 cr.
59653 005 DIS, 11:15-12:05 T, Amundson Hall 158, In Person Term Based; Matthew Neurock; 3 cr.

59654 006 DIS, 12:20-13:10 T, Amundson Hall 158, In Person Term Based; Matthew Neurock; 3 cr.
59714 007 DIS, 15:35-16:25 T, Amundson Hall 124, In Person Term Based; Matthew Neurock; 3 cr.
60311 003 DIS, 9:05- 9:55 T, Amundson Hall 162, 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)WI)
60210 001 LEC, 8:00- 8:50 MWF, Amundson Hall B75, In Person Term Based; Paul Dauenhauer; 2 cr.
60211 002 LAB, 13:25-17:25 MF, Lab TBA, In Person Term Based; Paul Dauenhauer; 2 cr.
60212 004 LAB, 13:25-17:25 TTh, Lab TBA, In Person Term Based; Paul Dauenhauer; 2 cr.
60213 005 LAB, 13:25-17:25 WM, Lab TBA, In Person Term Based; Paul Dauenhauer; 2 cr.
60214 006 LAB, 8:00-12:00 THT, Lab TBA, In Person Term Based; Paul Dauenhauer; 2 cr.
60215 007 LAB, 13:25-17:25 ThT, Lab TBA, In Person Term Based; Paul Dauenhauer; 2 cr.
60216 008 LAB, 13:25-17:25 FW, Lab TBA, In Person Term Based; Paul Dauenhauer; 2 cr.
60217 003 LAB, 8:00-12:00 TTh, Lab TBA, In Person Term Based; Paul Dauenhauer; 2 cr.
60288 009 LAB, 13:25-17:25 MF, Lab TBA, In Person Term Based; Paul Dauenhauer; 2 cr.
60289 011 LAB, 13:25-17:25 TTh, Lab TBA, In Person Term Based; Paul Dauenhauer; 2 cr.
60290 012 LAB, 13:25-17:25 WM, Lab TBA, In Person Term Based; Paul Dauenhauer; 2 cr.
60291 013 LAB, 8:00-12:00 THT, Lab TBA, In Person Term Based; Paul Dauenhauer; 2 cr.
60292 014 LAB, 13:25-17:25 ThT, Lab TBA, In Person Term Based; Paul Dauenhauer; 2 cr.
60293 015 LAB, 13:25-17:25 FW, Lab TBA, In Person Term Based; Paul Dauenhauer; 2 cr.
60294 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)
60103 001 LEC, 11:15-12:05 MWF, Fraser Hall 101, In Person Term Based; Meets With: 001 MATS 4214001 CHEM 4214; Frank Bates; 3 cr.

4223W Polymer Laboratory

(Student Option; WI)
60161 001 LEC, 9:05- 9:55 M, Smith Hall 331, In Person Term Based; Meets With: 001 CHEM 4223W001 MATS 4223W; Theresa Reineke; 2 cr.
60162 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.
60163 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]WI)
58828 001 LEC, 13:25-14:15 MWF, Fraser Hall 101, In Person Term Based; Kechun Zhang; 2 cr.
58829 002 DIS, 8:00- 8:50 TTh, Amundson Hall 104, In Person Term Based; Kechun Zhang; 2 cr.
58830 004 DIS, 10:10-11:00 TTh, Ford Hall 115, In Person Term Based; Kechun Zhang; 2 cr.
58831 005 DIS, 9:05- 9:55 TTh, Amundson Hall 156, In Person Term Based; Kechun Zhang; 2 cr.
59790 003 DIS, 9:05- 9:55 TTh, Amundson Hall 158, In Person Term Based; Kechun Zhang; 2 cr.
60008 007 DIS, 15:35-16:25 TTh, Amundson Hall 104, In Person Term Based; Kechun Zhang; 2 cr.
60218 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)
59042 001 IND, 00:00-00:00 , , In Person Term Based; Kevin Dorfman; 1-4 cr.

4594 Directed Research

(Student Option No Audit; Prereq: Upper div ChEn)
59043 001 IND, 00:00-00:00 , , In Person Term Based; Kevin Dorfman; 1-4 cr.

4708 Advanced Undergraduate Chemical Rate Processes: Analysis of Chemical Reactors

(A-F only; Prereq: [3102 or 4102], ChEn major upper div)
60686 001 LEC, 11:15-12:05 MWF, Amundson Hall 116, In Person Term Based; Meets With: 001 CHEN 8501; Aditya Bhan ; 3 cr.

5753 Advanced Biomedical Transport Processes

(A-F or Audit; Prereq: 3005 or 4005 or equiv)
59170 001 LEC, 9:05-9:55 MWF, Mechanical Engineering 108, In Person Term Based; Meets With: 001 BMEN 5311; Robert Tranquillo ; 3 cr.

8101 Fluid Mechanics

(A-F or Audit; Prereq: Chemical engineering grad student or instr consent)
60295 001 LEC, 10:10-11:00 MWF, Amundson Hall 116, In Person Term Based; Satish Kumar ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
58937 001 IND, 00:00-00:00 , , In Person Term Based; Aditya Bhan ; 1 cr.

8401 Physical and Chemical Thermodynamics

(A-F or Audit; Prereq: Undergraduate engineering course or chemistry course in thermodynamics, Chemical Engineering graduate student, or instructor consent.)
66979 001 LEC, 8:00-10:00 TTh, Mechanical Engineering 108, In Person Term Based; Meets With: 001 MATS 8002; David Morse ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
58953 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)
60685 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)
60687 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)
58969 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)
60515 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])
58988 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)
59009 001 IND, 00:00-00:00 , , In Person Term Based; Aditya Bhan ; 1-24 cr.

8901 Seminar

(S-N only;)
58808 001 LEC, 13:25-15:20 TTh, Amundson Hall B75, In Person Term Based; Aditya Bhan ; 1 cr.

8993 Directed Study

(Student Option;)
58832 001 LEC, 00:00-00:00 , , In Person Term Based; Aditya Bhan ; 1-12 cr.

8994 Directed Research

(Student Option;)
58833 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)
60166 001 IND, Independent/Directed Study; 4 cr.

8082 M.S. Plan B Project II

(A-F only; Prereq: Grad chem phys major)
60167 001 IND, Independent/Directed Study; 4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
58938 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
58954 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)
60168 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)
58970 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])
58989 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)
58974 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)
59761 001 LEC, Completely 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)
59762 001 LAB, 14:30-17:20 T, Smith Hall 249, In Person Term Based; Michelle Driessen ; 1 cr.
59763 002 LAB, 14:30-17:20 W, Smith Hall 249, In Person Term Based; Michelle Driessen ; 1 cr.
59764 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)

60401 001 LEC, 8:00-8:50 MWF, Smith Hall 100, In Person Term Based; Debra Salmon ; 3 cr.
60402 002 LEC, 12:20-13:10 MWF, Smith Hall 100, In Person Term Based; Doreen Leopold ; 3 cr.
60403 003 LEC, 14:30-15:20 MWF, Smith Hall 100, In Person Term Based; Doreen Leopold ; 3 cr.
60670 004 LEC, 9:45-11:00 TTh, Smith Hall 100, In Person Term Based; Lauren Mitchell ; 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)

60371 001 LEC, 13:25-14:15 MWF, Smith Hall 100, In Person Term Based; Kenneth Leopold ; 3 cr.
60372 002 LEC, 9:45-11:00 T, Bruininks Hall 114, Partially Online; Michelle Driessen ; 3 cr.
60477 003 LEC, 9:45-11:00 Th, Bruininks Hall 114, Partially Online; Michelle Driessen ; 3 cr.
60520 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)

60374 002 LAB, 11:15-14:05 M, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
60375 003 LAB, 14:30-17:20 M, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
60376 004 LAB, 8:00-10:50 T, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
60377 005 LAB, 11:15-14:05 T, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
60378 006 LAB, 14:30-17:20 T, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
60379 007 LAB, 8:00-10:50 W, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
60380 008 LAB, 11:15-14:05 W, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
60381 009 LAB, 14:30-17:20 W, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
60382 010 LAB, 8:00-10:50 Th, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
60383 011 LAB, 11:15-14:05 Th, Smith Hall 110, In Person Term Based; Michelle Driessen ; 1 cr.
61111 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)

60385 002 LAB, 11:15-14:05 M, Smith Hall 210, In Person Term Based; Michelle Driessen ; 1 cr.
60386 003 LAB, 14:30-17:20 M, Smith Hall 210, In Person Term Based; Michelle Driessen ; 1 cr.
60387 004 LAB, 8:00-10:50 T, Smith Hall 210, In Person Term Based; Michelle Driessen ; 1 cr.
60388 005 LAB, 11:15-14:05 T, Smith Hall 210, In Person Term Based; Michelle Driessen ; 1 cr.
60389 006 LAB, 14:30-17:20 T, Smith Hall 210, In Person Term Based; Michelle Driessen ; 1 cr.
60390 007 LAB, 8:00-10:50 W, Smith Hall 210, In Person Term Based; Michelle Driessen ; 1 cr.
60391 008 LAB, 11:15-14:05 W, Smith Hall 210, In Person Term Based; Michelle Driessen ; 1 cr.
60392 009 LAB, 14:30-17:20 W, Smith Hall 210, In Person Term Based; Michelle Driessen ; 1 cr.
60393 010 LAB, 8:00-10:50 Th, Smith Hall 210, In Person Term Based; Michelle Driessen ; 1 cr.
60394 011 LAB, 11:15-14:05 Th, Smith Hall 210, In Person Term Based; Michelle Driessen ; 1 cr.
60395 012 LAB, 14:30-17:20 Th, Smith Hall 210, In Person Term Based; Michelle Driessen ; 1 cr.
61128 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 1072HPHYS)

60396 001 LEC, 9:05-9:55 MWF, Bruininks Hall 220, In Person Term Based; Andreas Stein ; 3 cr.

1076H Honors Chemistry II Laboratory

(A-F only; Prereq: concurrent registration is required (or allowed) in 1072HPHYS)

60397 001 LAB, 13:25-16:10 M, Smith Hall 249A, In Person Term Based; Michelle Driessen ; 1 cr.
 60398 002 LAB, 13:25-16:10 T, Smith Hall 249A, In Person Term Based; Michelle Driessen ; 1 cr.
 60399 003 LAB, 13:25-16:10 W, Smith Hall 249A, In Person Term Based; Michelle Driessen ; 1 cr.
 60400 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); concurrent registration is required (or allowed) in 1086; registration for 1086 must precede registration for 1082. This course is recommended for CBS majors.)
 60788 001 LEC, 11:15-12:30 TTh, Smith Hall 100, 17:00-18:00 W, Room TBA, 17:00-18:00 W, Room TBA, 17:00-18:00 W, Room TBA, In Person Term Based; Angela Perkins ; 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. This course is recommended for CBS majors.)
 60790 002 LAB, 13:25-16:25 M, Kolthoff Hall 583, In Person Term Based; Angela Perkins ; 1 cr.
 60791 003 LAB, 8:00-11:00 T, Kolthoff Hall 583, In Person Term Based; Angela Perkins ; 1 cr.
 60792 004 LAB, 13:00-16:00 T, Kolthoff Hall 583, In Person Term Based; Angela Perkins ; 1 cr.
 60864 005 LAB, 17:00-20:00 T, Kolthoff Hall 583, In Person Term Based; Angela Perkins ; 1 cr.
 60865 006 LAB, 10:10-13:10 W, Kolthoff Hall 583, In Person Term Based; Angela Perkins ; 1 cr.
 60866 007 LAB, 13:25-16:25 W, Kolthoff Hall 583, In Person Term Based; Angela Perkins ; 1 cr.
 60867 008 LAB, 8:00-11:00 Th, Kolthoff Hall 583, In Person Term Based; Angela Perkins ; 1 cr.
 60868 009 LAB, 13:00-16:00 Th, Kolthoff Hall 583, In Person Term Based; Angela Perkins ; 1 cr.
 68170 010 LAB, 17:00-20:00 Th, Kolthoff Hall 583, In Person Term Based; Angela Perkins ; 1 cr.

1911W Quantum Mechanics and Popular Philosophy

(Student Option; WI)
 67008 001 LEC, 16:00-17:15 MW, Appleby Hall 303, In Person Term Based; Doreen Leopold ; 3 cr.

2094 Directed Research

(Student Option; Prereq: instr consent)
 58779 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)
 58520 001 LEC, 12:20-13:10 MWF, Bruininks Hall 230, In Person Term Based; Kyle Bantz ; 3 cr.
 58521 002 LAB, 8:00-11:50 T, Smith Hall 310, In Person Term Based; 3 cr.
 58522 003 LAB, 8:00-11:50 T, Smith Hall 310, In Person Term Based; 3 cr.
 58523 005 LAB, 13:25-17:15 T, Smith Hall 310, In Person Term Based; 3 cr.
 59241 007 LAB, 13:25-17:15 Th, Smith Hall 310, In Person Term Based; 3 cr.
 60164 004 LAB, 13:25-17:15 T, Smith Hall 310, In Person Term Based; 3 cr.
 60165 006 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)
 58504 001 LEC, 9:05-9:55 MWF, Bruininks Hall 230, In Person Term Based; Debra Salmon ; 3 cr.
 58505 002 LEC, 10:10-11:00 MWF, Bruininks Hall 230, In Person Term Based; Debra Salmon ; 3 cr.
 59839 003 LEC, 13:25-14:15 MWF, Bruininks Hall 220, In Person Term Based; Emily Pelton ; 3 cr.

2302 Organic Chemistry II

(Student Option; Prereq: Grade of at least C- in 2301)
 58506 001 LEC, 9:05-9:55 MWF, Smith Hall 100, In Person Term Based; Christopher Douglas ; 3 cr.
 58507 002 LEC, 10:10-11:00 MWF, Smith Hall 100, In Person Term Based; William Pomerantz ; 3 cr.
 60497 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])
 58513 001 LEC, 11:15-12:05 T, Bruininks Hall 230, In Person Term Based; Grant Frost ; 4 cr.
 58514 002 LEC, 12:20-13:10 T, Bruininks Hall 230, In Person Term Based; Grant Frost ; 4 cr.
 58515 003 LEC, 16:55-17:45 T, Bruininks Hall 230, In Person Term Based; Grant Frost ; 4 cr.
 58517 005 LAB, 8:00-11:50 TTh, Smith Hall 349, In Person Term Based; 4 cr.
 58518 007 LAB, 12:20-16:10 TTh, Smith Hall 349, In Person Term Based; 4 cr.
 59840 008 LAB, 18:00-21:50 TTh, Smith Hall 349, In Person Term Based; 4 cr.
 60246 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)
 60405 001 LEC, 9:05-9:55 MWF, Bruininks Hall 412, In Person Term Based; Joseph Topczewski ; 3 cr.

4021 Computational Chemistry

(Student Option; Prereq: [4502 or equiv], instr consent)
 58604 001 LEC, 9:05-9:55 MWF, Bruininks Hall 131A, 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)
 59772 001 LEC, 16:00-17:15 TTh, Ford Hall 127, In Person Term Based; Timothy Kapsner, David Whitcomb, James Nelson ; 3 cr.

4094V Directed Research

(Student Option; WI)
 60232 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)
 58780 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)
 60862 001 LEC, 9:05-9:55 MWF, Ford Hall 150, In Person Term Based; Kyle Bantz ; 3 cr.

4111W Modern Instrumental Methods of Chemical Analysis Lab

(A-F or Audit; Prereq: 4101 or concurrent registration is required (or allowed) WI)
 58524 001 LEC, 11:15-12:05 T, Appleby Hall 204, In Person Term Based; Edgar Arriaga ; 2 cr.
 58525 003 LAB, 12:20-16:10 W, Smith Hall 310, In Person Term Based; 2 cr.
 61141 002 LAB, 12:20-16:10 T, Smith Hall 310, In Person Term Based; 2 cr.
 68076 004 LAB, 12:20-16:10 Th, 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)
 58605 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.
 58606 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.
 58887 001 LEC, 9:05-9:55 M, Smith Hall 331, In Person Term Based; Meets With: 001 MATS 4223W001 CHEN 4223W; Theresa Reineke ; 2 cr.

4311W Advanced Organic Chemistry Lab

(Student Option; Prereq: 2311WI)
 58526 001 LEC, 12:20-13:10 T, Smith Hall 331, In Person Term Based; George Barany ; 4 cr.
 59212 002 LAB, 12:20-17:20 MW, Kolthoff Hall 593, In Person Term Based; 4 cr.
 59979 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)
 58608 001 LEC, 11:15-12:05 MWF, Bruininks Hall 117, In Person Term Based; Meets With: 001 CHEM 8322; Thomas Hoye ; 3 cr.

4352 Physical Organic Chemistry

(Student Option; Prereq: 4501, [4011 or 8011])
 58610 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)
 67329 001 LEC, 11:15-12:45 MW, Smith Hall 121, In Person Term Based; Meets With: 001 CHEM 8412; Larry Que ; 3 cr.

4423W Foundations of Chemical Biology Laboratory

(Student Option; Prereq: [2302 or 2304], 2311, 2111WI)
 60660 001 LEC, 16:00-17:15 W, Smith Hall 100, In Person Term Based; Erin Carlson ; 2 cr.
 60661 002 LAB, 8:00-11:50 T, Kolthoff Hall 494, In Person Term Based; 2 cr.
 60662 003 LAB, 12:20-16:10 T, Kolthoff Hall 494, In Person Term Based; 2 cr.
 60663 004 LAB, 8:00-11:50 Th, Kolthoff Hall 494, In Person Term Based; 2 cr.
 66741 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])
 59838 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 or 1082/1086], [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 2373], [PHYS 1302 or PHYS 1402V or PHYS 1502V])
 58863 001 LEC, 10:10-11:00 MWF, Bruininks Hall 220, In Person Term Based; James Johns ; 3 cr.

4601 Green Chemistry

(Student Option; Prereq: [2302 or 2081 or equiv]ENV)
 60281 001 LEC, 14:30-15:45 MW, Bruininks Hall 512A, In Person Term Based; Lee Penn ; 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])
 60196 001 LEC, 12:20-13:10 MWF, Bruininks Hall 220, In Person Term Based; Wayne Gladfelter ; 3 cr.

4711W Advanced Inorganic Chemistry Lab

(A-F or Audit; Prereq: 4701, chem majorWI)
 58527 001 LEC, 11:15-12:05 TTh, Smith Hall 331, In Person Term Based; Ian Tonks ; 3 cr.
 58862 002 LAB, 12:20-16:10 TTh, Kolthoff Hall 491, In Person Term Based; 3 cr.
 60574 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)
 60920 001 LEC, 14:30-16:25 TTh, Smith Hall 111, In Person Term Based; Meets With: 001 CHEM 8725; John Ellis ; 3 cr.

4745 Advanced Inorganic Chemistry

(Student Option; Prereq: 4701, chem major, instr consent)
 66756 001 LEC, 11:15-13:15 TTh, Smith Hall 121, In Person Term Based; Meets With: 001 CHEM 8745; Connie Lu ; 3 cr.

4894H Senior Honors Thesis

(A-F only; Prereq: Honors student, instr consent)
60794 001 IND, In Person Term Based; 1-3 cr.

5210 Materials Characterization

(Student Option; Prereq: grad student or instr consent)
58864 001 LEC, 13:25-15:20 MW, Bruininks Hall 530A, In Person Term Based; Aaron Massari ; 4 cr.

5755 X-Ray Crystallography

(A-F or Audit; Prereq: Chem grad student or instr consent)
58865 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)
58603 001 LEC, 9:05-9:55 MWF, Bruininks Hall 131A, 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)
60074 001 LEC, 16:40-18:00 W, Smith Hall 331, In Person Term Based; ; 1 cr.

8081 M.S. Plan B Project I

(A-F or Audit; Prereq: grad chem major)
58738 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)
58739 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8151 Analytical Separations and Chemical Equilibria

(Student Option; Prereq: instr consent)
61088 001 LEC, 11:15-12:05 MWF, Smith Hall 111, In Person Term Based; Michael Bowser ; 4 cr.

8153 Extracting Signal From Noise

(A-F or Audit; Prereq: [4101 or equiv], differential equations course)
66755 001 LAB, 10:10-11:00 MWF, Smith Hall 111, In Person Term Based; Phil Buhlmann ; 5 cr.

8211 Physical Polymer Chemistry

(Student Option; Prereq: Undergrad physical chem course)
59837 001 LEC, 14:30-15:45 TTh, Amundson Hall 156, In Person Term Based; Meets With: 001 MATS 8211; Mahesh Mahanthappa ; 4 cr.

8322 Advanced Organic Chemistry

(Student Option; Prereq: 2302 or equiv)
58607 001 LEC, 11:15-12:05 MWF, Bruininks Hall 117, 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)
58936 001 IND, In Person Term Based; 1 cr.

8352 Physical Organic Chemistry

(Student Option; Prereq: 4011 or 8011)
58609 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)
60189 001 LEC, 11:15-12:45 MW, Smith Hall 121, In Person Term Based; Meets With: 001 CHEM 4412; Larry Que ; 4 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
58952 001 IND, In Person Term Based; 1 cr.

8552 Quantum Mechanics II

(Student Option; Prereq: 8551)
58611 001 LEC, 14:30-15:50 MW, Smith Hall 121, In Person Term Based; Jason Goodpaster ; 4 cr.

8565 Chemical Reaction Dynamics

(Student Option;)
60793 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.)
61086 001 LEC, 11:15-12:30 TTh, Ford Hall 170, 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)
58736 001 LEC, 9:45-11:00 TTh, Smith Hall 331, In Person Term Based; William Pomerantz ; 1 cr.

8602 Seminar Presentation: Modern Problems in Chemistry

(A-F or Audit; Prereq: grad chem major or instr consent)
58737 001 LEC, 15:35-18:00 MWF, Smith Hall 231, 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)
58968 001 IND, In Person Term Based; 1-6 cr.

8725 Organometallic Chemistry

(Student Option; Prereq: 4701 or equiv, grad chem major or instr consent)
60575 001 LEC, 14:30-16:25 TTh, Smith Hall 111, In Person Term Based; Meets With: 001 CHEM 4725; John Ellis ; 4 cr.

8745 Advanced Inorganic Chemistry

(Student Option; Prereq: 8715, grad chem major or instr consent)
67237 001 LEC, 11:15-13:15 TTh, Smith Hall 121, In Person Term Based; Meets With: 001 CHEM 4745; Connie Lu ; 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])
58987 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)
58932 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)
54561 001 LEC, 9:45-11:00 MW, Rapson Hall 45, In Person Term Based; Randy Rodriguez ; 3 cr.

1102H Honors: Latinos in the United States: Culture and Citizenship

(A-F only; DSJ,HIS)
54563 001 LEC, 9:45-11:00 MW, Rapson Hall 45, In Person Term Based; Randy Rodriguez ; 3 cr.

1112 Critical Paradigms in Chicana/o Studies

(Student Option; DSJ)
52050 001 LEC, 14:30-15:45 TTh, Nicholson Hall 335, In Person Term Based; Karen Mary Davalos ; 3 cr.

3221 Chicana/o Cultural Studies: Barrio Culture and the Aesthetics of Everyday Life

(Student Option; AH,DSJ)
54691 001 LEC, 13:00-14:15 TTh, Nicholson Hall 355, In Person Term Based; Jimmy Patino ; 3 cr.

3223 Chicana/o and Latina/o Representation in Film

(Student Option; AH,DSJ)
53562 001 LEC, 16:00-18:30 T, Folwell Hall 12, In Person Term Based; Alexandra Covarrubias ; 3 cr.
66588 002 LEC, 11:15-12:30 MW, Elliott Hall N647, In Person Term Based; Gabriela Spears-Rico ; 3 cr.

3275 Engaged Learning in the Chicano/Latino Community

(A-F only; CIV)
53523 001 LEC, 11:15-12:30 MW, Appleby Hall 219, In Person Term Based; Lisa Sass Zaragoza ; 3 cr.

3374 Migrant Farmworkers in the United States: Families, Work, and Advocacy

(Student Option; CIV)
54856 001 DIS, 16:00-19:20 W, Scott Hall 4, In Person Term Based; Meets With: 001 CHIC 5374; Jose Santillana ; 4 cr.

3446 Chicana and Chicano History II: WWII, El Movimiento, and the New Millennium

(Student Option; DSJ,HIS)
53563 001 LEC, 11:15-12:30 TTh, Nicholson Hall 145, In Person Term Based; Jimmy Patino ; 3 cr.

3507W Introduction to Chicana/o Literature

(Student Option; DSJ,WI,LITR)
53657 001 LEC, 11:15-12:30 TTh, Bruininks Hall 512B, In Person Term Based; Meets With: 001 ENGL 3507W; Alexandra Covarrubias ; 3 cr.
54043 002 LEC, 13:00-14:15 TTh, Ford Hall 127, In Person Term Based; Meets With: 002 ENGL 3507W; Alexandra Covarrubias ; 3 cr.

3672 Chicana/o Experience in the Midwest

(Student Option; DSJ)
67399 001 LEC, 16:00-18:30 Th, Appleby Hall 303, In Person Term Based; Joanna Nunez ; 3 cr.

3752 Chicanas and Chicanos in Contemporary Society

(Student Option; DSJ)
54692 001 LEC, 11:15-12:30 MW, Rapson Hall 43, In Person Term Based; Randy Rodriguez ; 3 cr.

3771 Latino Social Power and Social Movements in the U.S.

(Student Option;)
54562 001 LEC, 14:30-15:45 MW, Nicholson Hall 345, In Person Term Based; Randy Rodriguez ; 3 cr.

3896 Internship for Academic Credit

(Student Option;)
68699 001 IND, In Person Term Based; 1-4 cr.

3900 Topics in Chicano Studies

(A-F only;)
68150 001 LEC, 12:45-14:15 MW, Tate Hall B55, In Person Term Based; Karla Padron ; 3 cr.
68151 002 LEC, 17:00-19:30 M, Smith Hall 121, In Person Term Based; Xavier Tavera Castro ; 3 cr.

3993 Directed Studies

(Student Option; Prereq: instr consent)
54811 001 IND, In Person Term Based; 1-9 cr.
54855 002 IND, 00:00-00:00 , , In Person Term Based; Jimmy Patino ; 1-9 cr.

4401 Chicana/Latina Cultural Studies

(Student Option; AH,DSJ)
55577 001 LEC, 13:00-14:15 TTh, Nicholson Hall 345, In Person Term Based; Meets With: 001 GWSS 4401; Eden Torres ; 3 cr.

4901W Senior Paper

(A-F only; WI)
54859 001 IND, Independent/Directed Study; Gabriela Spears-Rico ; 3 cr.

5374 Migrant Farmworkers in the United States: Families, Work, and Advocacy

(Student Option; CIV)
54857 001 DIS, 16:00-19:20 W, Scott Hall 4, In Person Term Based; Meets With: 001 CHIC 3374; Jose Santillana ; 4 cr.

5993 Directed Studies

(Student Option; Prereq: instr consent)
52051 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
53677 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;)

68405 001 ROT, In Person Term Based; 4 cr.
 68406 002 ROT, In Person Term Based; 4 cr.
 68407 003 ROT, In Person Term Based; 4 cr.
 68408 004 ROT, In Person Term Based; 4 cr.

Child Psychology (CPSY)

1334 Global Issues on Children and Youth in Society

(A-F or Audit; CIV)

51739 001 LEC, 11:15-12:30 MW, Tate Hall 101, In Person Term Based; Meets With: 002 CPSY 1334; Ann Masten ; 3 cr.
 66973 002 LEC, 11:15-12:30 MW, Tate Hall 101, In Person Term Based; Meets With: 001 CPSY 1334; Ann Masten ; 3 cr.

2301 Introduction to Child Psychology

(Student Option; SOCS)

50542 001 LEC, 9:45-11:00 MW, Nicholson Hall 275, In Person Term Based; Meets With: 001 CPSY 3301; Henriette Warren ; 4 cr.
 50543 002 DIS, 9:45-10:35 F, Ford Hall 110, In Person Term Based; Henriette Warren ; 4 cr.
 50544 003 DIS, 9:45-10:35 F, Ford Hall 151, In Person Term Based; Henriette Warren ; 4 cr.
 50809 004 DIS, 10:50-11:40 F, Ford Hall 110, In Person Term Based; Henriette Warren ; 4 cr.
 67406 005 LEC, Completely Online; Meets With: 003 CPSY 3301; Jyothi Ramakrishnan ; 4 cr.
 68103 008 LEC, 9:05-11:00 TTh, Ford Hall 151, In Person Term Based; Keira Leneman, Alyssa Palmer ; 4 cr.
 68104 009 LEC, 14:30-16:25 TTh, Appleby Hall 11, In Person Term Based; Shreya Laxhan-Pal, Robin Sifre ; 4 cr.

3301 Introduction to Child Psychology

(Student Option; SOCS)

51530 001 LEC, 9:45-11:00 MW, Nicholson Hall 275, In Person Term Based; Meets With: 001 CPSY 2301; Henriette Warren ; 4 cr.
 51531 002 DIS, 10:50-11:40 F, Ford Hall 151, In Person Term Based; Henriette Warren ; 4 cr.
 51570 003 LEC, Completely Online; Meets With: 005 CPSY 2301; Jyothi Ramakrishnan ; 4 cr.
 68834 004 DIS, 9:45-10:35 F, Appleby Hall 303, In Person Term Based; Henriette Warren ; 4 cr.

3308W Introduction to Research Methods in Child Psychology

(A-F or Audit; Prereq: CPSY 2301 / 3301 or equiv WI)

50547 001 LEC, 9:05-11:00 MW, Burton Hall 120, 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)

51990 001 DIS, 16:00-17:45 Th, Appleby Hall 219, Partially Online; Sarah Wiebler ; 3 cr.

4303 Adolescent Psychology

(A-F or Audit; Prereq: PSY 1001 or equivalent)

50499 001 LEC, 13:00-14:15 MW, Rapson Hall 43, In Person Term Based; Henriette Warren ; 3 cr.

4310 Special Topics in Child Development

(Student Option;)

67816 001 LEC, 16:00-17:15 TTh, Bruininks Hall 512B, In Person Term Based; Canan Karatekin ; 1-4 cr.
 67822 002 LEC, 16:00-17:15 MW, Appleby Hall 11, In Person Term Based; Stephanie Carlson ; 1-4 cr.
 67877 003 LEC, 10:10-11:40 T, Peik Hall 225, In Person Term Based; Marie Lister ; 1-4 cr.

4313W Disabilities and Development

(Student Option; Prereq: Psy 1001WI)

50545 001 LEC, 9:05-11:00 TTh, Peik Hall 28, In Person Term Based; Brian Abery, Renata Ticha ; 4 cr.

4329 Biological Foundations of Development

(A-F or Audit; Prereq: CPSY 2301 / 3301 or equiv)

51288 001 LEC, 14:30-15:45 MW, Rapson Hall 45, In Person Term Based; Amanda Hodel ; 3 cr.

4331 Social and Personality Development

(A-F or Audit; Prereq: CPSY 2301 / 3301 or equiv)

50500 001 LEC, 13:00-14:15 TTh, 10 Church Street SE 100, In Person Term Based; Max Herzberg, Julie Vaisarova ; 3 cr.

4343 Cognitive Development

(A-F or Audit; Prereq: CPSY 2301 or 3301 or equivalent)

50548 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: CPSY 2301 / 3301 or equiv)

50546 001 LEC, 11:15-12:30 TTh, Nicholson Hall 35, In Person Term Based; Annelise Pesch ; 3 cr.

4347W Senior Project

(A-F or Audit; Prereq: CPsy srWI)

50804 001 LEC, 11:15-12:05 MW, Mayo Bldg & Additions C231, In Person Term Based; Chryle Elieff ; 2 cr.

4994 Directed Research in Child Psychology

(Student Option;)

50829 003 IND, 00:00-00:00 , In Person Term Based; Daniel Berry ; 1-4 cr.
 50830 004 IND, 00:00-00:00 , In Person Term Based; Stephanie Carlson ; 1-4 cr.
 50831 005 IND, 00:00-00:00 , In Person Term Based; Dante Cicchetti ; 1-4 cr.
 50832 006 IND, 00:00-00:00 , In Person Term Based; Jed Elison ; 1-4 cr.
 50833 007 IND, 00:00-00:00 , In Person Term Based; Michelle Englund ; 1-4 cr.
 50834 008 IND, 00:00-00:00 , In Person Term Based; Michael Georgieff ; 1-4 cr.
 50835 009 IND, 00:00-00:00 , In Person Term Based; Abigail Gewirtz ; 1-4 cr.
 50836 010 IND, 00:00-00:00 , In Person Term Based; Megan Gunnar ; 1-4 cr.
 50837 011 IND, 00:00-00:00 , In Person Term Based; Canan Karatekin ; 1-4 cr.
 50838 012 IND, 00:00-00:00 , In Person Term Based; Melissa Koenig ; 1-4 cr.
 50839 013 IND, 00:00-00:00 , In Person Term Based; Maria Kroupina ; 1-4 cr.
 50841 015 IND, 00:00-00:00 , In Person Term Based; Ann Masten ; 1-4 cr.
 50842 016 IND, 00:00-00:00 , In Person Term Based; Michele Mazzocco ; 1-4 cr.
 51042 017 IND, 00:00-00:00 , In Person Term Based; Karina Quevedo ; 1-4 cr.
 51102 018 IND, 00:00-00:00 , In Person Term Based; Arthur Reynolds ; 1-4 cr.
 51103 019 IND, 00:00-00:00 , In Person Term Based; Glenn Roisman ; 1-4 cr.
 51104 020 IND, 00:00-00:00 , In Person Term Based; Maria Sera ; 1-4 cr.
 51186 021 IND, 00:00-00:00 , In Person Term Based; Rebecca Shlafer ; 1-4 cr.
 51217 022 IND, 00:00-00:00 , In Person Term Based; Kathleen Thomas ; 1-4 cr.
 51388 023 IND, 00:00-00:00 , In Person Term Based; Philip Zelazo ; 1-4 cr.
 68661 024 LAB, In Person Term Based; Elizabeth Carlson ; 1-4 cr.
 68673 025 LAB, In Person Term Based; Andrew Barnes ; 1-4 cr.

4994V Directed Research in Child Psychology (Honors Thesis)

(Student Option; Prereq: 4 cr in CPsy, CPsy honors, instr consent, dept consentWI)

50771 001 IND, 00:00-00:00 , In Person Term Based; Brian Abery ; 1-6 cr.
 50843 002 IND, 00:00-00:00 , In Person Term Based; Andrew Barnes ; 1-6 cr.
 50844 003 IND, 00:00-00:00 , In Person Term Based; Daniel Berry ; 1-6 cr.
 50845 004 IND, In Person Term Based; Stephanie Carlson ; 1-6 cr.
 50846 005 IND, In Person Term Based; Dante Cicchetti ; 1-6 cr.
 50847 006 IND, 00:00-00:00 , In Person Term Based; Jed Elison ; 1-6 cr.
 50848 007 IND, 00:00-00:00 , In Person Term Based; Michelle Englund ; 1-6 cr.
 50849 008 IND, 00:00-00:00 , In Person Term Based; Michael Georgieff ; 1-6 cr.
 50850 009 IND, 00:00-00:00 , In Person Term Based; Abigail Gewirtz ; 1-6 cr.
 50851 010 IND, 00:00-00:00 , In Person Term Based; Megan Gunnar ; 1-6 cr.
 50852 011 IND, 00:00-00:00 , In Person Term Based; Canan Karatekin ; 1-6 cr.
 50853 012 IND, 00:00-00:00 , In Person Term Based; Melissa Koenig ; 1-6 cr.
 50854 013 IND, 00:00-00:00 , In Person Term Based; Maria Kroupina ; 1-6 cr.
 50855 014 IND, 00:00-00:00 , In Person Term Based; Michael Maratsos ; 1-6 cr.

50856 015 IND, 00:00-00:00 , In Person Term Based; Ann Masten ; 1-6 cr.
 50857 016 IND, 00:00-00:00 , In Person Term Based; Michele Mazzocco ; 1-6 cr.
 51148 017 IND, 00:00-00:00 , In Person Term Based; Karina Quevedo ; 1-6 cr.
 51187 018 IND, 00:00-00:00 , In Person Term Based; Arthur Reynolds ; 1-6 cr.
 51218 019 IND, 00:00-00:00 , In Person Term Based; Glenn Roisman ; 1-6 cr.
 51219 020 IND, 00:00-00:00 , In Person Term Based; Maria Sera ; 1-6 cr.
 51220 021 IND, 00:00-00:00 , In Person Term Based; Rebecca Shlafer ; 1-6 cr.
 51753 022 IND, In Person Term Based; Kathleen Thomas ; 1-6 cr.
 51754 023 IND, In Person Term Based; Philip Zelazo ; 1-6 cr.

4996 Field Study in Child Psychology

(S-N or Audit;)

50625 001 FWK, 00:00-00:00 , ONLINE, Completely Online; 1-4 cr.

5181 Clinical Experience in Elementary School Teaching

(S-N or Audit;)

50608 001 FWK, 16:30-18:30 M, Child Development 105, 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.)

51356 001 DIS, Independent/Directed Study; Ann Carlson ; 2-4 cr.

5241 Practicum in Early Childhood Education

(A-F only;)

51337 001 LEC, 16:00-18:40 Th, Bruininks Hall 144, In Person Term Based; Amy Betz ; 3 cr.

5252 Facilitating Social and Emotional Learning in Early Childhood Education

(A-F only; Prereq: CPSY 2301 or equiv or inst consent. For Early Childhood or ECSE students.)

50801 001 LEC, 16:00-18:30 T, Folwell Hall 116, In Person Term Based; Elizabeth Criswell ; 3 cr.

5254 Facilitating Creative and Motor Learning in Early Childhood Education

(A-F only; Prereq: CPSY 2301 or equiv or inst consent. For Early Childhood and ECSE students.)

51338 001 LEC, 15:00-17:00 F, Appleby Hall 3, In Person Term Based; Frances Durkin, Ross Thompson ; 2 cr.

5281 Student Teaching in Early Childhood Education

(S-N or Audit; Prereq: Early Childhood or ECSE student plus successful completion of CPSY 5241, 5252, 5253, and 5254.)

66685 002 FWK, 12:30-14:00 F, Child Development 105, 7:45-12:30 MTWThF, Room TBA, In Person Term Based; Sheila Williams Ridge ; 6-8 cr.
 66686 003 FWK, 12:30-14:00 F, Wulling Hall 220, 11:45-16:30 MWTh, Room TBA, In Person Term Based; Sheila Williams Ridge ; 6-8 cr.

5303 Social and Emotional Development

(Student Option;)

66852 001 LEC, Completely Online; Rebecca Shlafer ; 3 cr.

5503 Development and Psychopathology in Early Childhood

(A-F only; Prereq: 5501 or enrolled in MA program)

66850 001 LEC, Completely Online; Elizabeth Carlson ; 3 cr.

5506 Infant Observation Seminar I

(S-N only;)

66851 001 LEC, Completely Online; Jane Ellison, Michele Fallon ; 1 cr.

5601 Child Life Theory, Practice and Program Development

(A-F only;)

66853 001 LEC, Completely Online; Sarah Wiebler ; 3 cr.

5602 Developmental Perspectives on Illness and Injury in Healthcare

(A-F only;)

66854 001 LEC, Completely Online; JoHannah Orman ; 3 cr.

8302 Developmental Psychology: Social and Emotional Processes

(Student Option; Prereq: Doctoral student, instr consent)

50598 001 LEC, 13:35-15:25 TTh, Vincent Hall 301, In Person Term Based; Megan Gunnar, Glenn Roisman ; 4 cr.

8304 Developmental Research Methods

(Student Option;)

51672 001 LEC, 9:45-11:00 TTh, Peik Hall 165, In Person Term Based; Daniel Berry ; 3 cr.

8307 Prelim Seminar

(S-N only; Prereq: Child psychology PhD student in second year of study)

51563 001 DIS, 11:00-12:30 Th, Peik Hall 335, In Person Term Based; Stephanie Carlson ; 1 cr.

8322 Apprenticeship in Teaching Developmental Psychology

(S-N only; Prereq: Child psychology doctoral student)

51346 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)

50737 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8360 Special Topics in Developmental Psychology

(Student Option; Prereq: Doctoral student)

68040 001 LEC, 14:30-17:00 M, Child Development 172, In Person Term Based; Arthur Reynolds ; 1-3 cr.

8444 FTE: Doctoral

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

50743 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)

50750 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])

50759 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)

50766 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)

50623 001 LEC, In Person Term Based; 1-4 cr.

8994 Research Problems in Child Psychology

(Student Option; Prereq: Doctoral student or instr consent)

50624 001 LEC, 00:00-00:00 , , In Person Term Based; Daniel Berry ; 1-6 cr.

50710 002 LEC, 00:00-00:00 , , In Person Term Based; Stephanie Carlson ; 1-6 cr.

50711 003 LEC, 00:00-00:00 , , In Person Term Based; Dante Cicchetti ; 1-6 cr.

50712 004 LEC, 00:00-00:00 , , In Person Term Based; Jed Elison ; 1-6 cr.

50713 005 LEC, 00:00-00:00 , , In Person Term Based; Michael Georgieff ; 1-6 cr.

50714 006 LEC, 00:00-00:00 , , In Person Term Based; Abigail Gewirtz ; 1-6 cr.

50715 007 LEC, 00:00-00:00 , , In Person Term Based; Megan Gunnar ; 1-6 cr.

50716 008 LEC, 00:00-00:00 , , In Person Term Based; Canan Karatekin ; 1-6 cr.

50717 009 LEC, 00:00-00:00 , , In Person Term Based; Melissa Koenig ; 1-6 cr.

50718 010 LEC, 00:00-00:00 , , In Person Term Based; Michael Maratsos ; 1-6 cr.

50719 011 LEC, 00:00-00:00 , , In Person Term Based; Ann Masten ; 1-6 cr.

50720 012 LEC, 00:00-00:00 , , In Person Term Based; Michele Mazzocco ; 1-6 cr.

50798 013 LEC, 00:00-00:00 , , In Person Term Based; Arthur Reynolds ; 1-6 cr.

51095 014 LEC, 00:00-00:00 , , In Person Term Based; Glenn Roisman ; 1-6 cr.

51119 015 LEC, 00:00-00:00 , , In Person Term Based; Maria Sera ; 1-6 cr.

51120 016 LEC, 00:00-00:00 , , In Person Term Based; Kathleen Thomas ; 1-6 cr.

51121 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)

50632 001 FWK, In Person Term Based; 1-6 cr.

China Executive MBA (CHMB)**Chinese (CHN)****1012 Beginning Modern Chinese II**

(Student Option No Audit; Prereq: 1011 or equiv or instr consent)

52401 001 LEC, 10:10-11:00 MTWThF, Folwell Hall 105, Partially Online; Meets With: 001 CHN 4002; Hai Liu ; 6 cr.

52403 004 LEC, 13:25-14:15 MTWThF, Folwell Hall 30, Partially Online; Meets With: 004 CHN 4002; Wei-Hsuan Lo ; 6 cr.

53165 005 LEC, 14:30-15:20 MTWThF, Folwell Hall 103, Partially Online; Meets With: 005 CHN 4002; Wei-Hsuan Lo ; 6 cr.

53166 002 LEC, 11:15-12:05 MTWThF, Folwell Hall 121, Partially Online; Meets With: 002 CHN 4002; Hai Liu ; 6 cr.

53249 050 LEC, 16:40-17:30 W, Folwell Hall 13, 16:40-18:35 MTh, Folwell Hall 4, Partially Online; Meets With: 050 CHN 4002; Jin Stone ; 6 cr.

3016 Accelerated Intermediate Modern Chinese

(Student Option No Audit; Prereq: 1012 or 1015; oral/aural skills or speaker of other Chinese dialect recommended)

52959 001 LEC, 15:35-16:25 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 001 CHN 4006; Jin Stone ; 5 cr.

3022 Intermediate Modern Chinese II

(Student Option No Audit; Prereq: 3021)

52404 001 LEC, 9:05-9:55 MTWThF, Folwell Hall 18, In Person Term Based; Meets With: 001 CHN 4004; Chi-Ping Li ; 5 cr.

52405 002 LEC, 11:15-12:05 MTWThF, Folwell Hall 10, In Person Term Based; Meets With: 002 CHN 4004; Yan Chang ; 5 cr.

52406 003 LEC, 13:25-14:15 MTWThF, Folwell Hall 105, In Person Term Based; Meets With: 003 CHN 4004; Ling Wang ; 5 cr.

53250 050 LEC, 16:40-19:00 TTh, Folwell Hall 10, In Person Term Based; Meets With: 050 CHN 4004; Ling Wang ; 5 cr.

3032 Advanced Modern Chinese II

(Student Option No Audit; Prereq: 3031 or equiv or instr consent)

53168 001 LEC, 11:15-12:05 MTWTh, Folwell Hall 6, In Person Term Based; Meets With: 001 CHN 4008; Chi-Ping Li ; 4 cr.

54417 002 LEC, 13:25-14:15 MTWTh, Bruininks Hall 123, 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)

53167 050 LAB, 18:00-20:00 T, Folwell Hall 112, In Person Term Based; Hong Zhang ; 2 cr.

3203 Advanced Chinese Handwriting

(Student Option;)

55625 001 LAB, 14:30-16:25 T, Vincent Hall 313, In Person Term Based; Hong Zhang ; 2 cr.

3920 Topics in Chinese Culture

(Student Option No Audit;)

66788 001 LEC, 16:40-18:35 T, Folwell Hall 105, In Person Term Based; Yao Tu ; 1-2 cr.

4042 Advanced Readings in Modern Chinese II

(Student Option; Prereq: 3032 or instr consent)

54450 001 LEC, 10:10-12:05 TTh, Vincent Hall 313, In Person Term Based; Wei-Hsuan Lo ; 4 cr.

54783 002 LEC, 14:30-16:25 MW, Kolthoff Hall 138, In Person Term Based; Hai Liu ; 4 cr.

5042 Contemporary Chinese Texts 1949-present

(A-F or Audit; Prereq: CHN 4042 or instructor consent. Recommended: CHN 5041)

66574 001 LEC, 13:25-14:15 MWF, Folwell Hall 107, In Person Term Based; Zhen Zou ; 3 cr.

5393 Directed Study

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

52542 001 IND, Independent/Directed Study; Yao Tu ; 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)

60936 001 LEC, 11:15-12:30 TTh, Amundson Hall B75, In Person Term Based; Kathy Wabner, Miki Hondzo ; 4 cr.

60943 002 LAB, 9:00-12:00 M, Civil Engineering Bldg 650, In Person Term Based; Kathy Wabner ; 4 cr.

60945 004 LAB, 13:00-16:00 W, Civil Engineering Bldg 650, In Person Term Based; Kathy Wabner ; 4 cr.

60946 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)

59125 001 LEC, 14:30-15:45 MW, Civil Engineering Bldg 210, In Person Term Based; Stefano Gonella ; 3 cr.

3102 Uncertainty and Decision Analysis

(A-F or Audit; Prereq: MATH 1372 or equiv)

59645 001 LEC, 10:10-11:00 MW, Akerman Hall 209, In Person Term Based; Randal Barnes ; 3 cr.

60283 002 DIS, 16:00-16:50 W, Civil Engineering Bldg 202, In Person Term Based; Randal Barnes ; 3 cr.

60284 003 DIS, 13:25-14:15 W, Civil Engineering Bldg 202, In Person Term Based; Randal Barnes ; 3 cr.

60285 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)

61078 001 DIS, 8:40-9:30 T, Civil Engineering Bldg 210, In Person Term Based; Vaughan Voller ; 1 cr.

3111 CADD for Civil Engineers

(A-F only; Prereq: CEGE 3201)

60799 001 LAB, 8:00-9:55 MW, Civil Engineering Bldg 221, In Person Term Based; Ann Johnson ; 2 cr.

60800 002 LAB, 10:10-12:05 MW, Civil Engineering Bldg 221, In Person Term Based; Ann Johnson ; 2 cr.

3190 Curricular Practical Training Internship

(S-N only; Prereq: CE, EnvE, or Geo major)

64823 001 FWK, In Person Term Based; Catherine French ; 1 cr.

3201 Transportation Engineering

(A-F or Audit; Prereq: PHYS 1301, CECE 3101, CECE 3102)

58546 001 LEC, 13:00-13:50 TTh, Rapson Hall 100, In Person Term Based; Alireza Khani ; 3 cr.

58547 002 DIS, 14:30-15:20 Th, Civil Engineering Bldg 221, In Person Term Based; Alireza Khani ; 3 cr.

58548 003 DIS, 16:00-16:50 Th, Civil Engineering Bldg 221, In Person Term Based; Alireza Khani ; 3 cr.

59194 005 DIS, 17:10-18:00 Th, Civil Engineering Bldg 221, In Person Term Based; Alireza Khani ; 3 cr.

3301 Soil Mechanics I

(A-F or Audit; Prereq: upper division CSE, AEM 3031, CECE 3101, or instructor consent)

58617 001 LEC, 14:30-15:45 TTh, Akerman Hall 209, In Person Term Based; Bojan Guzina ; 3 cr.

58618 002 LAB, 16:00-18:00 M, Civil Engineering Bldg 350, In Person Term Based; Bojan Guzina ; 3 cr.

58619 003 LAB, 16:00-18:00 T, Civil Engineering Bldg 350, In Person Term Based; Bojan Guzina ; 3 cr.

58620 004 LAB, 16:00-18:00 W, Civil Engineering Bldg 350, In Person Term Based; Bojan Guzina ; 3 cr.

59057 005 LAB, 16:00-18:00 Th, Civil Engineering Bldg 350, In Person Term Based; Bojan Guzina ; 3 cr.

(A-F or Audit;)

64822 001 LAB, 16:00-18:00 TTh, Civil Engineering Bldg 205, In Person Term Based; Sebastian Behrens ; 4 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)

66109 001 LEC, 15:00-16:15 M, Alderman Hall 415, In Person Term Based; Meets With: 001 WRS 8581; Ray Newman ; 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)

58967 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])

58986 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)

59008 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)

54231 001 LEC, 12:20-13:10 MWF, Fraser Hall 102, In Person Term Based; Spencer Cole ; 3 cr.

1042 Greek and Roman Mythology

(Student Option; AH)

53375 001 LEC, 11:15-12:05 MF, Nicholson Hall 275, In Person Term Based; Meets With: 001 CNES 1042H; Nita Krevans ; 4 cr.

53513 003 DIS, 8:15- 9:30 Th, Nicholson Hall 355, In Person Term Based; Erin Baumer ; 4 cr.

53514 004 DIS, 9:45-11:00 T, Peik Hall 335, In Person Term Based; Kristofer Coffman ; 4 cr.

53515 002 DIS, 8:15- 9:30 T, Nicholson Hall 355, In Person Term Based; Erin Baumer ; 4 cr.

53690 005 DIS, 9:45-11:00 Th, Peik Hall 155, In Person Term Based; Kristofer Coffman ; 4 cr.

1042H Honors Course: Greek and Roman Mythology

(A-F only; AH)

53376 001 LEC, 11:15-12:05 MF, Nicholson Hall 275, In Person Term Based; Meets With: 001 CNES 1042; Nita Krevans ; 4 cr.

53377 002 DIS, 11:15-12:30 W, Ford Hall 170, In Person Term Based; Nita Krevans ; 4 cr.

1082 Jesus in History

(Student Option; HIS)

68388 001 LEC, 13:25-14:15 WF, Keller Hall 3-115, In Person Term Based; Meets With: 001 HIST 3092001 CNES 3092001 HIST 1082001 RELS 1082001 RELS 3092; Joshua Reno ; 3 cr.

68389 002 DIS, 13:25-14:15 M, Mechanical Engineering 102, In Person Term Based; Meets With: 002 HIST 3092002 CNES 3092002 HIST 1082002 RELS 1082002 RELS 3092; Joshua Reno ; 3 cr.

68390 003 DIS, 13:25-14:15 M, Keller Hall 3-115, In Person Term Based; Meets With: 003 HIST 3092003 CNES 3092003 HIST 1082003 RELS 1082003 RELS 3092; Joshua Reno ; 3 cr.

3074 Exploring the Quran: An intellectual odyssey with Islam's holy scripture

(Student Option No Audit; AH)

66798 001 DIS, 9:45-11:00 TTh, Nicholson Hall 315, In Person Term Based; Meets With: 001 RELS 3704; Mohsen Goudarzi ; 3 cr.

3082W Greek Tragedy in Translation

(Student Option; LITR,WI)

66810 001 DIS, 16:00-17:15 TTh, Folwell Hall 8, In Person Term Based; Spencer Cole ; 3 cr.

3092 Jesus in History

(Student Option; HIS)

68385 001 LEC, 13:25-14:15 WF, Keller Hall 3-115, In Person Term Based; Meets With: 001 HIST 3092001 CNES 1082001 HIST 1082001 RELS 1082001 RELS 3092; Joshua Reno ; 3 cr.

68386 002 DIS, 13:25-14:15 M, Mechanical Engineering 102, In Person Term Based; Meets With: 002 HIST 3092002 CNES 1082002 HIST 1082002 RELS 1082002 RELS 3092; Joshua Reno ; 3 cr.

68387 003 DIS, 13:25-14:15 M, Keller Hall 3-115, In Person Term Based; Meets With: 003 HIST 3092003 CNES 1082003 HIST 1082003 RELS 1082003 RELS 3092; Joshua Reno ; 3 cr.

3115 Midrash: Reading and Retelling the Hebrew Bible

(Student Option;)

68491 001 LEC, 17:30-20:00 W, Nicholson Hall 125, In Person Term Based; Meets With: 001 JWST 5115001 RELS 5115001 JWST 3115001 RELS 3115001 CNES 5115; Ryan Dulkan ; 3 cr.

3162 Roman Art and Archaeology

(Student Option; HIS)

67966 001 LEC, 14:30-15:45 TTh, Blegen Hall 150, In Person Term Based; Meets With: 001 ARTH 3162; 3 cr.

3205 Women, Gender, and the Hebrew Bible

(Student Option; AH)

66811 001 LEC, 11:15-12:30 TTh, Burton Hall 120, In Person Term Based; Meets With: 001 RELS 3205001 JWST 3205; Hanne Levinson ; 3 cr.

3206 Sex, Murder, and Bodily Discharges: Purity and Pollution in the Ancient World

(Student Option;)

66949 001 DIS, 13:00-14:15 MW, Appleby Hall 103, In Person Term Based; Meets With: 001 JWST 3206001 RELS 3206001 ANTH 3206; Patricia Ahearne-Kroll ; 3 cr.

3502 Ancient Israel: From Conquest to Exile

(Student Option;)

67677 001 LEC, 11:15-12:30 TTh, Blegen Hall 140, In Person Term Based; Meets With: 001 HIST 3502001 JWST 3502001 RELS 3502001 CNES 5502; Eva von Dassow ; 3 cr.

3504 Apocalypticism, Cosmic Warfare, and the Maccabees: Jewish Strategies of Resistance in Antiquity

(Student Option;)

55703 001 LEC, 13:00-14:15 TTh, Nicholson Hall 315, In Person Term Based; Meets With: 001 RELS 3504001 JWST 3504; Patricia Ahearne-Kroll ; 3 cr.

3515 Multiculturalism in Modern Israel: how communities, ideologies, and identities intersect

(Student Option; GP)

67226 001 LEC, 14:30-15:45 MW, Nicholson Hall 145, In Person Term Based; Meets With: 001 JWST 3515; Renana Schneller ; 4 cr.

3951W Capstone

(Student Option; Prereq: course is open to second semester juniors and seniors, major in CNES or RelS], instr consent(WI))

52614 001 IND, 00:00-00:00 , , In Person Term Based; Spencer Cole ; 4 cr.

54099 002 IND, 00:00-00:00 , , In Person Term Based; Andrew Gallia ; 4 cr.

54100 003 IND, 00:00-00:00 , , In Person Term Based; Nita Krevans ; 4 cr.

54101 004 IND, 00:00-00:00 , , In Person Term Based; Bernard Levinson ; 4 cr.

54102 005 IND, 00:00-00:00 , , In Person Term Based; Christopher Nappa ; 4 cr.

54103 006 IND, 00:00-00:00 , , In Person Term Based; Oliver Nicholson ; 4 cr.

54104 007 IND, 00:00-00:00 , , In Person Term Based; Renana Schneller ; 4 cr.

54105 008 IND, 00:00-00:00 , , In Person Term Based; Melissa Sellow ; 4 cr.

54106 009 IND, 00:00-00:00 , , In Person Term Based; George Sheets ; 4 cr.

54107 010 IND, 00:00-00:00 , , In Person Term Based; Stephen Smith ; 4 cr.

54108 011 IND, 00:00-00:00 , , In Person Term Based; Matthew Canepa ; 4 cr.

54139 012 IND, 00:00-00:00 , , In Person Term Based; Stephen Ahearne-Kroll ; 4 cr.

54904 013 IND, 00:00-00:00 , , In Person Term Based; Patricia Ahearne-Kroll ; 4 cr.

54905 014 IND, 00:00-00:00 , , In Person Term Based; Hanne Levinson ; 4 cr.

3993 Directed Studies

(Student Option; Prereq: instr consent)

53488 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5115 Midrash: Jewish Biblical Interpretation

(Student Option;)

68538 001 LEC, 17:30-20:00 W, Nicholson Hall 125, In Person Term Based; Meets With: 001 JWST 5115001 RELS 5115001 CNES 3115001 JWST 3115001 RELS 3115; Ryan Dulkan ; 3 cr.

5502 Ancient Israel: From Conquest to Exile

(Student Option; Prereq: Knowledge of Hebrew not required; 5501 recommended)

67788 001 LEC, 11:15-12:30 TTh, Blegen Hall 140, In Person Term Based; Meets With: 001 HIST 3502001 CNES 3502001 JWST 3502001 RELS 3502; Eva von Dassow ; 3 cr.

5993 Directed Studies

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

53428 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.)

53429 001 IND, In Person Term Based; 1-12 cr.

5996 Directed Instruction

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

53430 001 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

8333 FTE: Master's

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

53431 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

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

53432 001 IND, In Person Term Based; 1 cr.

8530 Religions of the Ancient Mediterranean World

(A-F only;)

66814 001 DIS, 14:30-17:00 Th, Civil Engineering Bldg 214, In Person Term Based; Meets With: 001 RELS 8190; Mohsen Goudarzi ; 3 cr.

66821 002 DIS, 13:30-16:00 M, Nicholson Hall 201, In Person Term Based; Hanne Levinson ; 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)

53433 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])

53434 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)

53435 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)

53669 001 LEC, 13:00-16:00 W, Room TBA, In Person Term Based; 3 cr.

8410 Perspectives in Learning, Perception, and Cognition

(S-N only;)
53577 001 LEC, 15:30-17:00 M, Elliott Hall N119, In Person Term Based; Celia Gershenson ; 2 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer, 24 cr required)
54511 001 IND, In Person Term Based; 1-24 cr.

8991 Independent Study

(Student Option; Prereq: instr consent)
54141 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)
56281 001 LEC, 11:45-12:35 MWF, Ruttan Hall B35, In Person Term Based; Nevin Young, Melissa Palmer ; 3 cr.

1911 Native American Ways of Knowing the Environment

(A-F only; DSJ)
66259 001 DIS, 15:00-16:55 Th, Coffey Hall 120, In Person Term Based; Mark Bellcourt ; 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)
56825 001 LEC, 15:00-16:30 TTh, Haecker Hall 205, 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)
56737 001 LEC, 15:00-18:00 M, McNeal Hall 395, 15:00-18:00 M, McNeal Hall 395, 15:00-18:00 M, McNeal Hall 395, In Person Term Based; Mari Ruddy ; 1 cr.
56738 002 LEC, 14:00-17:00 F, Ruttan Hall B36, 14:00-17:00 F, Ruttan Hall B36, 14:00-17:00 F, Ruttan Hall B36, In Person Term Based; Mari Ruddy ; 1 cr.
56810 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)
56606 001 LEC, 11:45-12:35 T, Ruttan Hall 143, In Person Term Based; Maggie Kubak ; 1 cr.
66929 002 LEC, 16:05-16:55 W, Ruttan Hall B25, In Person Term Based; Ben Hansen ; 1 cr.

4801H Honors Thesis

(A-F only; Prereq-Candidate for graduation with honors through CFANS in any major, college consent.)
56683 001 IND, 00:00-00:00 , Independent/Directed Study; James Anderson ; 3 cr.
68554 002 IND, In Person Term Based; Brian Steffenson ; 3 cr.
68594 003 IND, In Person Term Based; M Marks ; 3 cr.
68615 004 IND, In Person Term Based; Mary Rogers ; 3 cr.
68616 005 IND, In Person Term Based; Jaime Modiano ; 3 cr.
68617 006 IND, In Person Term Based; Joanne Slavin ; 3 cr.
68640 007 IND, In Person Term Based; Melissa Palmer ; 3 cr.
68654 008 IND, In Person Term Based; Hikaru Peterson ; 3 cr.
68686 009 IND, In Person Term Based; Milena Saqui-Salces ; 3 cr.
68899 010 IND, In Person Term Based; Joe Ritter ; 3 cr.

8101 Professional Skills for Scientists

(S-N only;)
67032 001 DIS, 10:40-11:30 MW, Borlaug Hall 306, In Person Term Based; Rex Bernardo ; 2 cr.

Coll of Science, Engineering (CSE)**1012 Project-based Inquiry**

(A-F only;)
67926 001 LAB, 15:35-17:25 M, Civil Engineering Bldg 335, In Person Term Based; Susan Mantell ; 2 cr.

67927 002 LAB, 10:10-12:05 T, Civil Engineering Bldg 335, In Person Term Based; Lorraine Francis ; 2 cr.
67928 003 LAB, 14:30-16:25 T, Civil Engineering Bldg 335, In Person Term Based; Patrick Alford ; 2 cr.
67929 004 LAB, 10:10-12:05 W, Civil Engineering Bldg 335, In Person Term Based; Aaron Massari ; 2 cr.
67930 005 LAB, 12:20-14:15 Th, Civil Engineering Bldg 335, In Person Term Based; Bryan Mosher ; 2 cr.
67931 006 LAB, 10:10-12:05 Th, Civil Engineering Bldg 335, In Person Term Based; Lorraine Francis, John Sartori ; 2 cr.
67932 007 LAB, 12:20-14:15 F, Civil Engineering Bldg 335, In Person Term Based; Kia Bazargan, David Orser ; 2 cr.

1311 Engineering Basics

(A-F only;)
59787 001 LEC, 13:00-14:15 TTh, Amundson Hall 116, In Person Term Based; Paul Imbertson ; 2 cr.

1411 Exploring Careers in Science and Engineering

(A-F only;)
68052 001 DIS, 14:30-16:10 T, Kolthoff Hall 138, In Person Term Based; Christine Francis ; 1 cr.

College of Liberal Arts (CLA)**1002 CLA First-Year Experience II**

(S-N only; Prereq: CLA)
54491 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Chinh Truong ; 1 cr.

1007 CLA First-Year Experience: Independent Study

(S-N only;)
55668 001 IND, Completely Online; Jacob Rudy ; 1 cr.

1051 CLA Freshman Research

(No Grade Associated; Prereq-Available only to CLA freshmen receiving a CLA Research Opportunity.)
54030 001 IND, 00:00-00:00 , Independent/Directed Study; 0 cr.

1052 Dean's First-Year Research and Creative Scholars Program

(Student Option; Prereq-Only available to CLA freshmen receiving a CLA Research Opportunity.)
54031 001 IND, 00:00-00:00 , Independent/Directed Study; 1-2 cr.

1202 BA MD Medical Education Seminar II (Student Option No Audit;)

66809 001 LEC, 15:35-16:25 M, Bruininks Hall 119, In Person Term Based; Andrew Slattengren, Renee Crichlow ; 1 cr.

2005 Introduction to Liberal Education and Responsible Citizenship

(A-F only; Prereq: [CLA 1005], CLA Presidents Emerging Scholars, freshman)
67563 001 DIS, 9:05-11:00 M, Appleby Hall 102, In Person Term Based; Leah Milojevic ; 2 cr.
67564 002 DIS, 9:05-11:00 M, Appleby Hall 204, In Person Term Based; 2 cr.
67565 003 DIS, 9:05-11:00 M, Kolthoff Hall 140, In Person Term Based; 2 cr.
67566 004 DIS, 9:05-11:00 M, Kolthoff Hall 133, In Person Term Based; 2 cr.
67567 005 DIS, 9:05-11:00 M, Nicholson Hall 335, In Person Term Based; 2 cr.
67568 006 DIS, 9:05-11:00 F, Kolthoff Hall 133, In Person Term Based; 2 cr.
67569 007 DIS, 9:05-11:00 F, Kolthoff Hall 140, In Person Term Based; 2 cr.
67570 008 DIS, 9:05-11:00 F, Kolthoff Hall 132, In Person Term Based; 2 cr.
67571 009 DIS, 9:05-11:00 F, Kolthoff Hall 138, In Person Term Based; 2 cr.

2200 Topics

(Student Option;)
66924 001 DIS, 15:35-16:25 M, Bruininks Hall 144, In Person Term Based; Renee Crichlow ; 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.)
55853 001 LEC, Completely Online; Meagan Hagerty ; 1 cr.

3500 Topics

(Student Option;)

54773 001 LEC, 9:45-11:00 WF, No Room Required, In Person Term Based; Natalia Vargas Marquez ; 1-4 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.)
63861 001 DIS, 15:00-16:45 M, Amundson Hall 158, In Person Term Based; Monica McKay ; 1 cr.
63862 003 DIS, 17:00-18:45 W, Folwell Hall 123, In Person Term Based; Laurel Hirt ; 1 cr.
63863 004 DIS, 10:00-11:45 F, Amundson Hall 124, In Person Term Based; Basanti Miller ; 1 cr.

3993 Directed Study for Community Engagement

(A-F only; Prereq: instr consent, dept consent, college consent.)
66762 001 DIS, In Person Term Based; Laurel Hirt ; 1-4 cr.

Communication Studies (COMM)**1101 Introduction to Public Speaking**

(Student Option; CIV)
53113 028 LEC, 16:00-17:15 TTh, Kolthoff Hall 132, In Person Term Based; Eric Short ; 3 cr.
53114 002 LEC, 8:15- 9:30 MW, Ford Hall B15, In Person Term Based; Grace Geier Olive ; 3 cr.
53115 004 LEC, 8:15- 9:30 TTh, Ford Hall B53, In Person Term Based; 3 cr.
53116 005 LEC, 8:15- 9:30 MW, Ford Hall B29, In Person Term Based; Allison Brenneise ; 3 cr.
53117 006 LEC, 9:45-11:00 MW, Ford Hall 151, In Person Term Based; Liora Elias ; 3 cr.
53118 007 LEC, 9:45-11:00 TTh, Bruininks Hall 420A, In Person Term Based; Joshua Morrison ; 3 cr.
53119 008 LEC, 11:15-12:30 MW, Ford Hall 127, In Person Term Based; Allison Brenneise ; 3 cr.
53120 009 LEC, 11:15-12:30 TTh, Kolthoff Hall 134, In Person Term Based; Heidi Zimmerman ; 3 cr.
53121 010 LEC, 11:15-12:30 TTh, Hubert H. Humphrey School 60, In Person Term Based; Samira Mueleh ; 3 cr.
53122 011 LEC, 11:15-12:30 MW, Ford Hall 130, In Person Term Based; Liora Elias ; 3 cr.
53123 012 LEC, 13:00-14:15 TTh, Akerman Hall 211, In Person Term Based; Natalie Warren ; 3 cr.
53124 013 LEC, 13:00-14:15 MW, Ford Hall 130, In Person Term Based; Kate Ranachan ; 3 cr.
53125 014 LEC, 13:00-14:15 MW, Ford Hall B29, In Person Term Based; Austin Fleming ; 3 cr.
53126 015 LEC, 13:00-14:15 TTh, Bruininks Hal 121, In Person Term Based; Eric Short ; 3 cr.
53127 016 LEC, 13:00-14:15 TTh, Ford Hall B29, In Person Term Based; Diane Odash ; 3 cr.
53128 017 LEC, 14:30-15:45 MW, Ford Hall 127, In Person Term Based; Kate Ranachan ; 3 cr.
53607 019 LEC, 14:30-15:45 MW, Ford Hall B29, In Person Term Based; Liora Elias ; 3 cr.
53685 021 LEC, 8:45-10:00 MW, Ruttan Hall B36, In Person Term Based; Mike Baxter-Kauf ; 3 cr.
53686 023 LEC, 10:15-11:30 MW, Ruttan Hall B26, In Person Term Based; Mike Baxter-Kauf ; 3 cr.
53687 025 LEC, 18:00-21:00 M, Ford Hall B53, In Person Term Based; Min Kyong Cho ; 3 cr.
53688 020 LEC, 16:00-17:15 MW, Ford Hall B29, In Person Term Based; William Heinze ; 3 cr.
53689 024 LEC, 11:45-13:00 MW, McNeal Hall 395, In Person Term Based; Mike Baxter-Kauf ; 3 cr.
54040 018 LEC, 14:30-15:45 TTh, Kolthoff Hall 132, In Person Term Based; Eric Short ; 3 cr.
54243 026 LEC, 18:00-21:00 T, Amundson Hall 158, In Person Term Based; David Tucker ; 3 cr.
66577 001 LEC, 8:15- 9:30 TTh, Nicholson Hall 345, In Person Term Based; Heidi Zimmerman ; 3 cr.
66582 003 LEC, 18:00-21:00 W, Ford Hall B29, In Person Term Based; Jules Wight ; 3 cr.
67041 022 LEC, 9:45-11:00 TTh, Cooke Hall 214, In Person Term Based; Jeffrey VanCleave ; 3 cr.
67042 029 LEC, 9:45-11:00 MW, Ford Hall 127, In Person Term Based; Allison Brenneise ; 3 cr.

1101H Honors: Introduction to Public Speaking

(A-F only; Prereq: HonorsCIV)
54087 001 LEC, 9:45-11:00 TTh, Ford Hall 170, In Person Term Based; John Nordin ; 3 cr.

54168 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)
53129 006 LEC, 9:45-11:00 TTh, Ford Hall 130, In Person Term Based; Wendy Anderson ; 3 cr.
53130 002 LEC, 9:45-11:00 MW, Ford Hall B29, In Person Term Based; Kevin Liu ; 3 cr.
53131 003 LEC, 11:15-12:30 MW, Ford Hall B29, In Person Term Based; Simon Calder ; 3 cr.
53132 004 LEC, 13:00-14:15 TTh, Ford Hall B53, In Person Term Based; Matthew Struth ; 3 cr.
53133 005 LEC, 14:30-15:45 MW, Ford Hall B53, In Person Term Based; Brian Long ; 3 cr.
53134 007 LEC, 11:15-12:30 TTh, Lind Hall 302, In Person Term Based; Wendy Anderson ; 3 cr.
53325 008 LEC, 16:00-17:15 MW, Ford Hall B53, In Person Term Based; Brittany Knutson ; 3 cr.
53608 009 LEC, 14:30-15:45 TTh, Ford Hall B10, In Person Term Based; David Helwich ; 3 cr.
53981 010 LEC, 11:15-12:30 TTh, Hubert H. Humphrey School 20, In Person Term Based; Christian Angelich ; 3 cr.
66214 001 LEC, 8:15- 9:30 MW, Lind Hall 303, In Person Term Based; Simon Calder ; 3 cr.

1913 Religious Arguments

(Student Option;)
66119 003 DIS, 13:00-14:15 TTh, Peik Gymnasium G65, In Person Term Based; John Nordin ; 3 cr.

1915 Selfies: Media and the Culture of Me

(Student Option;)
66166 001 DIS, 11:15-12:30 TTh, Murphy Hall 214, In Person Term Based; Laurie Ouellette ; 3 cr.

3110 Topics in Communication Studies

(Student Option;)
66909 001 LEC, 9:45-11:00 MW, Lind Hall 203, In Person Term Based; Simon Calder ; 3 cr.
67101 002 LEC, 18:00-21:00 W, Vincent Hall 213, In Person Term Based; David Helwich ; 3 cr.

3190H Honors Course: Research Seminar in Communication

(A-F only; Prereq: Honors candidate in comm, instr consent, dept consent)
54029 001 IND, 00:00-00:00 , , In Person Term Based; 3 cr.

3201 Introduction to Electronic Media

(A-F or Audit;)
53135 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.
53136 002 LAB, 10:10-12:05 Th, Rarig Center Studio E, 10:10-12:05 T, Ford Hall B60, In Person Term Based; Lisa Hutchinson ; 4 cr.
53235 004 LAB, 13:25-15:20 W, Rarig Center Studio E, 13:25-15:20 M, Ford Hall B60, In Person Term Based; Rebecca Jurisz ; 4 cr.
53609 005 LAB, 10:10-12:05 W, Ford Hall B60, 10:10-12:05 M, Rarig Center Studio E, In Person Term Based; Dawn Schot Klotzbach ; 4 cr.
53812 006 LAB, 10:10-12:05 W, Rarig Center Studio E, 10:10-12:05 M, Ford Hall B60, In Person Term Based; Rebecca Jurisz ; 4 cr.
53843 007 LAB, 8:00- 9:55 Th, Ford Hall B60, 8:00- 9:55 T, Rarig Center Studio E, In Person Term Based; Jay Frank ; 4 cr.
54041 003 LAB, 13:25-15:20 W, Ford Hall B60, 13:25-15:20 M, Rarig Center Studio E, In Person Term Based; Lisa Hutchinson ; 4 cr.
66583 008 LAB, 8:00- 9:55 Th, Rarig Center Studio E, 8:00- 9:55 T, Rarig Center Studio B, In Person Term Based; Rebecca Jurisz ; 4 cr.

3204 Advanced Electronic Media

Production
(A-F or Audit; Prereq: 3201 or instr consent)
53245 001 LAB, 10:10-12:05 TTh, Rarig Center Studio B, In Person Term Based; Rebecca Jurisz ; 4 cr.
53810 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;)
53137 001 LEC, 13:00-14:15 TTh, West Bank Skyway 20, In Person Term Based; Heidi Zimmerman, Joy Hamilton ; 3 cr.

3231 Reality TV: History, Culture, and Economics

(Student Option;)
66911 001 LEC, 11:15-12:30 TTh, Peik Hall 28, In Person Term Based; Caroline Bayne ; 3 cr.

3263W Media Literacy: Decoding Media

Images and Messages
(A-F Only; WI)
53819 001 LEC, 18:00-21:00 W, Ford Hall 150, In Person Term Based; Kristin Fitzsimmons ; 3 cr.
53841 002 LEC, 9:45-11:00 MW, Ford Hall B53, In Person Term Based; Bree Trisler ; 3 cr.
53845 003 LEC, 9:45-11:00 TTh, Ford Hall 127, In Person Term Based; Joy Hamilton ; 3 cr.
53846 004 LEC, 13:00-14:15 MW, Ford Hall 127, In Person Term Based; Runchao Liu ; 3 cr.

3341 Asian American Images

(Student Option; AH,DSJ)
56077 001 DIS, 17:30-20:00 M, Blegen Hall 125, In Person Term Based; Meets With: 001 AAS 3341; John Matsunaga ; 3 cr.

3401 Introduction to Communication

Theory
(Student Option;)
53969 301 LEC, Completely Online; Alyssa Isaacs ; 3 cr.
54840 001 LEC, 11:15-12:30 MW, Anderson Hall 230, In Person Term Based; Jeremy Rose, Austin Fleming, Bree Trisler ; 3 cr.

3402 Introduction to Interpersonal

Communication
(Student Option;)
66120 001 LEC, 14:30-15:45 TTh, Folwell Hall 108, In Person Term Based; Dean Hewes ; 3 cr.

3411 Introduction to Small Group

Communication
(Student Option;)
53138 001 LEC, 8:15- 9:30 MW, Ford Hall B53, In Person Term Based; Stephanie Galameault ; 3 cr.
53139 002 LEC, 9:45-11:00 MW, Blegen Hall 430, In Person Term Based; Stephanie Galameault ; 3 cr.
53140 003 LEC, 11:15-12:30 MW, Ford Hall B53, In Person Term Based; Andrea Shada ; 3 cr.
53141 005 LEC, 13:00-14:15 MW, Ford Hall B53, In Person Term Based; Nan Gesche ; 3 cr.
53142 006 LEC, 11:15-12:30 MW, Nicholson Hall 355, In Person Term Based; Nan Gesche ; 3 cr.
54042 004 LEC, 11:15-12:30 TTh, Kolthoff Hall 132, In Person Term Based; Andrea Shada ; 3 cr.
66618 007 LEC, 18:00-21:00 T, Amundson Hall 156, In Person Term Based; Nan Gesche ; 3 cr.

3422 Interviewing and Communication

(A-F or Audit;)
53143 001 LEC, 8:15- 9:30 TTh, Ford Hall 127, In Person Term Based; Andrea Shada ; 3 cr.
53144 002 LEC, 9:45-11:00 TTh, Ford Hall B29, In Person Term Based; Diane Odash ; 3 cr.
53610 003 LEC, 11:15-12:30 TTh, Ford Hall 127, In Person Term Based; Amy Mulawa ; 3 cr.
54805 004 LEC, 14:30-15:45 TTh, Ford Hall 127, In Person Term Based; Diane Odash ; 3 cr.

3431 Persuasion Theories

(Student Option; Prereq: Soph recommended)
55743 001 LEC, 9:45-11:00 TTh, Burton Hall 120, In Person Term Based; Jeremy Rose ; 3 cr.

3441 Introduction to Organizational

Communication
(Student Option;)
55744 001 LEC, 13:00-14:15 MW, Ford Hall B10, In Person Term Based; Nicole Rudisill ; 3 cr.

3451W Intercultural Communication:

Theory and Practice
(Student Option; Prereq: Planning an intercultural experienceWI)
55136 001 LEC, 13:00-14:15 MW, Kolthoff Hall 134, In Person Term Based; Michael Lechuga ; 3 cr.

3601 Introduction to Rhetorical Theory

(Student Option;)
53145 001 LEC, 10:10-11:00 MWF, Bruininks Hall 412, In Person Term Based; Ronald Greene ; 3 cr.

3605W Persuasive Speaking and Speech

Writing
(Student Option; Prereq: 1101, sophWI)
54610 001 LEC, 11:15-12:30 TTh, Ford Hall B29, In Person Term Based; Jeffrey VanCleave ; 3 cr.

3614 Advanced Public Policy and Debate

(A-F only;)
56114 001 DIS, 18:00-21:00 W, Ford Hall B15, In Person Term Based; David Helwich ; 3 cr.

3615 Argumentation

(Student Option; Prereq: Soph)
55320 001 LEC, 14:30-15:45 TTh, Ford Hall B29, In Person Term Based; Zornitsa Keremidchieva ; 3 cr.

3625 Communication Ethics

(A-F or Audit;)
66584 001 LEC, 8:15- 9:30 TTh, Ford Hall B29, In Person Term Based; Wendy Anderson ; 3 cr.

3631 Freedom of Speech

(Student Option; CIV)
54422 001 LEC, 11:15-12:30 TTh, Lind Hall 315, In Person Term Based; Gilbert Rodman ; 3 cr.

3635W Famous Speeches

(A-F only; WI)
66121 001 LEC, 11:15-12:30 MW, Appleby Hall 204, In Person Term Based; Emily Winderman ; 3 cr.

3645W How Pictures Persuade

(A-F only; WI)
67768 001 LEC, 9:45-11:00 MW, Ford Hall 115, In Person Term Based; Megan Yahnke ; 3 cr.

3896 Internship for Academic Credit

(Student Option;)
68262 001 IND, In Person Term Based; 1-4 cr.

3970 Directed Study

(Student Option; Prereq: One Comm course, instr consent, dept consent, college consent.)
66122 004 IND, In Person Term Based; 1-3 cr.

3980 Directed Instruction

(S-N or Audit; Prereq: instr consent, dept consent)
53148 001 FWK, 00:00-00:00 , , In Person Term Based; 3 cr.

3990 Research Practicum

(Student Option;)
53195 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)
53155 001 IND, In Person Term Based; Dawn Schot Klotzbach ; 1-3 cr.
54978 002 IND, 00:00-00:00 , , In Person Term Based; Kate Ranachan ; 1-3 cr.
54979 003 IND, 00:00-00:00 , , In Person Term Based; Michael Lechuga ; 1-3 cr.
54980 004 IND, In Person Term Based; Jeremy Rose ; 1-3 cr.
54981 005 IND, 00:00-00:00 , , In Person Term Based; Susanne Jones ; 1-3 cr.
54982 006 IND, 00:00-00:00 , , In Person Term Based; Gilbert Rodman ; 1-3 cr.
54983 007 IND, 00:00-00:00 , , In Person Term Based; Kate Lockwood Harris ; 1-3 cr.
54984 008 IND, 00:00-00:00 , , In Person Term Based; Zornitsa Keremidchieva ; 1-3 cr.

4204 Producing for Television: Theory and Practice

(Student Option; Prereq: 3201, 3204)
55407 001 FWK, 14:30-16:15 MW, Vincent Hall 313, In Person Term Based; Dawn Schot Klotzbach ; 4 cr.

4235 Electronic Media and Ethnic

Minorities--A World View
(Student Option;)
66914 001 LEC, 9:45-11:00 MW, Lind Hall 302, In Person Term Based; Kate Ranachan ; 3 cr.

4404W Language Borderlands

(Student Option; WI)
66123 001 LEC, 11:15-12:30 MW, Tate Hall B45, In Person Term Based; Michael Lechuga ; 3 cr.

4471 Communication in Marriage and

Family
(Student Option; Prereq: 3401 or 3402 or instr consent)
54006 001 LEC, 13:00-14:15 TTh, Burton Hall 125, In Person Term Based; Jeremy Rose ; 3 cr.

5110 Special Topics in Communication

Theory
(Student Option;)
68093 001 LEC, 11:15-12:30 MW, Ford Hall 110, In Person Term Based; Susanne Jones ; 3 cr.

5221 Media, Race, and Identity

(Student Option; Prereq: 3211 or instr consent)
56087 001 LEC, 14:30-15:45 TTh, Ford Hall B53, In Person
Term Based; Gilbert Rodman ; 3 cr.

5441 Communication in Human Organizations

(Student Option;)
53612 001 LEC, 16:00-18:30 W, Tate Hall B55, In Person
Term Based; Kate Lockwood Harris ; 3 cr.
55756 301 LEC, Completely Online; Stephanie Galarneault ;
3 cr.

5451W Intercultural Communication Processes

(Student Option; WI)
66609 001 LEC, 11:15-12:30 TTh, Nicholson Hall 355, In
Person Term Based; Zornitsa Keremidchieva ; 3 cr.

5970 Directed Study

(Student Option;)
53149 002 IND, 00:00-00:00 , , In Person Term Based; 1-3
cr.

8000 Communication Studies Research Colloquium

(S-N only;)
68548 001 DIS, 12:15-13:15 F, Ford Hall 115, In Person
Term Based; Mary Vavrus ; 1 cr.

8210 Seminar: Selected Topics in U.S. Electronic Media

(Student Option; Prereq: 5210 or instr consent; offered
when feasible)
66124 001 LEC, 14:30-17:00 T, Ford Hall 200, In Person
Term Based; Mary Vavrus ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)
53150 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)
53151 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8504 Seminar: Rhetorical Criticism

(Student Option; Prereq: 5615 or instr consent)
66147 001 LEC, 14:30-15:45 MW, Ford Hall 200, In Person
Term Based; Karlyn Campbell ; 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)
53152 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])
53153 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)
53154 001 IND, 00:00-00:00 , , In Person Term Based; 1-24
cr.

8994 Directed Research

(Student Option;)
53186 001 FWK, 00:00-00:00 , , In Person Term Based; 1-3
cr.

Compar Study in Discourse/Soc (CSDS)**5401 Origins of Cultural Studies**

(Student Option;)
64778 001 LEC, 14:30-15:45 TTh, Lind Hall 303, In Person
Term Based; Meets With: 001 ENGL 5501001 CSDL
5401001 CL 5401; Timothy Brennan ; 3 cr.

5555 Introduction to Semiotics

(Student Option;)

55489 001 LEC, 11:15-12:30 TTh, Scott Hall 4, In Person
Term Based; Meets With: 001 CSDL 5555001 CL 5555;
Thomas Pepper ; 3 cr.

5993 Directed Study

(Student Option; Prereq: instr consent)
54077 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;)
52584 001 LEC, 16:30-19:30 M, Nicholson Hall 201, In
Person Term Based; Meets With: 001 CL 8002; Tony C.
Brown ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)
52789 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)
52814 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)
52836 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)
52888 001 IND, 00:00-00:00 , , In Person Term Based; 1-24
cr.

8910 Advanced Topics in Comparative Studies in Discourse and Society

(Student Option;)
66532 001 LEC, 13:00-16:00 T, Appleby Hall 3, In Person
Term Based; Meets With: 001 CL 8910; Christian Uwe ; 3
cr.
66533 002 LEC, 13:00-16:00 Th, Lind Hall 216, In Person
Term Based; Meets With: 002 CL 8910; Keya Ganguly ; 3
cr.

8993 Directed Study in Comparative Studies in Discourse and Society

(Student Option; Prereq: instr consent)
52408 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)
52624 001 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.

Comparative & Molecular Biosci (CMB)**5303 Comparative Models of Disease**

(A-F only;)
66818 001 DIS, In Person Term Based; 2 cr.

5340 Structural Biology in Biomedical Research

(A-F only;)
68518 001 DIS, 9:00-11:00 W, , In Person Term Based; Fang
Li ; 2 cr.

5571 Pathogenomics and Molecular Epidemiology - Learning to Fly

(A-F only;)
66830 001 LEC, 13:30-15:00 MW, Veterinary Science 215,
In Person Term Based; Meets With: 001 CMB 8571; Tim
Johnson, Yinduo Ji ; 3 cr.

5594 Directed Research in Comparative and Molecular Biosciences

(Student Option; Prereq: Jr, instr consent)
45341 001 LAB, 00:00-00:00 , , In Person Term Based; Kent
Reed ; 1-4 cr.

5910 Grantwriting: What Makes a Winning Proposal?

(Student Option;)
45388 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

(Student Option;)
67160 001 DIS, 8:00-12:00 MTWThF, Animal Science / Vet
Med 385J, In Person Term Based; Alice Larson ; 1 cr.

8012 Basic Concepts in Skeletal Biology

(A-F only; Prereq: CMB grad student or instr consent)
45360 001 LEC, 10:10-12:05 Th, , In Person Term Based;
Kim Mansky ; 2 cr.

8100 Research Rotation in Comparative and Molecular Biosciences

(S-N only;)
45358 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)
45353 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)
45342 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8394 Research in Comparative Biomedical Sciences

(Student Option; Prereq: Grad CMB major)
45343 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)
45344 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)
45345 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;)
45346 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;)
66829 001 LEC, 13:30-15:00 MW, Veterinary Science 215,
In Person Term Based; Meets With: 001 CMB 5571; Tim
Johnson, Yinduo Ji ; 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])
45348 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)
45349 001 IND, In Person Term Based; 1-24 cr.

8910 Statistical Principles of Research Design

(A-F or Audit; Prereq: intro grad level stats course or
it's equivalent)
66836 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)**5401 Origins of Cultural Studies**

(Student Option;)
64777 001 LEC, 14:30-15:45 TTh, Lind Hall 303, In Person
Term Based; Meets With: 001 ENGL 5501001 CSDL
5401001 CSDS 5401; Timothy Brennan ; 3 cr.

5555 Introduction to Semiotics

(Student Option;)

55490 001 LEC, 11:15-12:30 TTh, Scott Hall 4, In Person
Term Based; Meets With: 001 CSCS 5555001 CSDS 5555;
Thomas Pepper ; 3 cr.

5992 Directed Reading in Comparative Literature

(Student Option; Prereq: instr consent)
52409 001 IND, 00:00-00:00 , , In Person Term Based; 1-3
cr.

8002 Basic Research Seminar in Comparative Literature II

(Student Option;)
52583 001 LEC, 16:30-19:30 M, Nicholson Hall 201, In
Person Term Based; Meets With: 001 CSDS 8002; Tony C.
Brown ; 3 cr.

8333 FTE: Master's

**(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)**
52788 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)**
52813 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)**
52835 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)**
52839 001 IND, 00:00-00:00 , , In Person Term Based; 1-24
cr.

8910 Advanced Topics in Comparative Literature

(Student Option;)
66529 001 LEC, 13:00-16:00 T, Appleby Hall 3, In Person
Term Based; Meets With: 001 CSDS 8910; Christian Uwe ;
3 cr.
66530 002 LEC, 13:00-16:00 Th, Lind Hall 216, In Person
Term Based; Meets With: 002 CSDS 8910; Keya Ganguly ;
3 cr.

8992 Directed Reading in Comparative Literature

(Student Option; Prereq: instr consent)
52407 001 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.

8994 Directed Research in Comparative Literature

(Student Option; Prereq: instr consent)
52623 001 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.

Computer Science (CSCI)

1001 Overview of Computer Science

**(Student Option; Prereq: Non-CSci major, non-CompE
major, non-EE major/MATH,TS)**
59708 001 LEC, 10:10-11:00 MWF, Tate Hall 105, In Person
Term Based; Chris Dovolis ; 4 cr.
59709 002 LAB, 11:15-13:10 M, Keller Hall 1-262, In Person
Term Based; Chris Dovolis ; 4 cr.
59710 003 LAB, 13:25-15:20 M, Keller Hall 1-262, In Person
Term Based; Chris Dovolis ; 4 cr.
60320 004 LAB, 15:35-17:30 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)**
58554 001 LEC, 11:15-12:05 MWF, Smith Hall 100, In
Person Term Based; Phillip Barry ; 4 cr.
58555 003 LAB, 17:45-20:45 M, Keller Hall 1-260, In Person
Term Based; Phillip Barry ; 4 cr.
58556 004 LAB, 17:45-20:45 M, Keller Hall 1-262, In Person
Term Based; Phillip Barry ; 4 cr.
58557 006 LAB, 12:20-15:20 W, Keller Hall 1-262, In Person
Term Based; Phillip Barry ; 4 cr.

58558 005 LAB, 17:45-20:45 T, Keller Hall 1-260, In Person
Term Based; Phillip Barry ; 4 cr.
58559 007 LAB, 14:30-17:30 W, Keller Hall 1-260, In Person
Term Based; Phillip Barry ; 4 cr.
59692 002 LAB, 17:45-20:45 M, Keller Hall 1-250, In Person
Term Based; Phillip Barry ; 4 cr.
60249 011 LAB, 17:45-20:45 W, Keller Hall 1-260, In Person
Term Based; Daniel Kluger ; 4 cr.
60512 012 LAB, 8:00-11:00 Th, Keller Hall 1-250, In Person
Term Based; Daniel Kluger ; 4 cr.
60541 013 LAB, 14:30-17:30 Th, Keller Hall 1-250, In Person
Term Based; Daniel Kluger ; 4 cr.
60605 010 LEC, 13:25-14:15 MWF, Amundson Hall B75, In
Person Term Based; Daniel Kluger ; 4 cr.
60637 008 LAB, 17:45-20:45 W, Keller Hall 1-262, In Person
Term Based; Phillip Barry ; 4 cr.
66779 020 LEC, 18:30-21:00 T, Tate Hall 101, In Person
Term Based; ; 4 cr.
66780 021 LAB, 11:15-14:15 Th, Keller Hall 1-250, In Person
Term Based; ; 4 cr.
66781 022 LAB, 17:45-20:45 Th, Keller Hall 1-250, In Person
Term Based; ; 4 cr.
66782 023 LAB, 17:45-20:45 W, Keller Hall 1-250, In Person
Term Based; ; 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)**
60472 001 LEC, 10:10-11:00 MWF, Rapson Hall 100, In
Person Term Based; Shana Watters ; 4 cr.
60473 002 LAB, 8:00-9:55 Th, Keller Hall 1-262, In Person
Term Based; Shana Watters ; 4 cr.
60474 003 LAB, 10:10-12:05 Th, Keller Hall 1-262, In Person
Term Based; Shana Watters ; 4 cr.
60475 004 LAB, 12:20-14:15 Th, Keller Hall 1-262, In Person
Term Based; Shana Watters ; 4 cr.
60476 005 LAB, 14:30-16:25 Th, Keller Hall 1-262, In Person
Term Based; Shana Watters ; 4 cr.
60525 010 LEC, 18:30-21:00 W, Smith Hall 231, In Person
Term Based; Shana Watters ; 4 cr.
60526 011 LAB, 18:50-20:45 Th, Keller Hall 1-260, In Person
Term Based; Shana Watters ; 4 cr.
60527 012 LAB, 10:10-12:05 F, Keller Hall 1-260, In Person
Term Based; Shana Watters ; 4 cr.
60561 013 LAB, 12:20-14:15 F, Keller Hall 1-260, In Person
Term Based; Shana Watters ; 4 cr.
60773 022 LAB, 10:10-12:05 Th, Keller Hall 1-260, In Person
Term Based; Stephen Guy ; 4 cr.
60774 023 LAB, 12:20-14:15 Th, Keller Hall 1-260, In Person
Term Based; Stephen Guy ; 4 cr.
60775 024 LAB, 14:30-16:25 Th, Keller Hall 1-260, In Person
Term Based; Stephen Guy ; 4 cr.
60797 021 LAB, 8:00-9:55 Th, Keller Hall 1-260, In Person
Term Based; Stephen Guy ; 4 cr.
60798 020 LEC, 10:10-11:00 MWF, Molecular Cellular Biol
3-120, In Person Term Based; Stephen Guy ; 4 cr.
60859 006 LAB, 16:40-18:35 Th, Keller Hall 1-262, In Person
Term Based; Shana Watters ; 4 cr.
60879 025 LAB, 16:40-18:35 Th, Keller Hall 1-260, In Person
Term Based; Stephen Guy ; 4 cr.
64656 007 LAB, 18:50-20:45 Th, Keller Hall 1-262, In Person
Term Based; Shana Watters ; 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)**
60470 001 LEC, 14:30-15:20 MWF, Tate Hall B50, In Person
Term Based; James Moen ; 4 cr.
60471 003 LAB, 10:10-12:05 T, Keller Hall 1-260, In Person
Term Based; James Moen ; 4 cr.
60542 004 LAB, 12:20-14:15 T, Keller Hall 1-260, In Person
Term Based; James Moen ; 4 cr.
60631 005 LAB, 14:30-16:25 T, Keller Hall 1-260, In Person
Term Based; James Moen ; 4 cr.
60744 007 LAB, 10:10-12:05 W, Keller Hall 1-260, In Person
Term Based; James Moen ; 4 cr.
60776 002 LAB, 8:00-9:55 T, Keller Hall 1-260, In Person
Term Based; James Moen ; 4 cr.
61067 010 LEC, 11:15-12:05 MWF, Akerman Hall 319, In
Person Term Based; Daniel Kluger ; 4 cr.
61068 011 LAB, 13:25-15:20 M, Keller Hall 1-260, In Person
Term Based; Daniel Kluger ; 4 cr.
61069 012 LAB, 15:35-17:30 M, Keller Hall 1-260, In Person
Term Based; Daniel Kluger ; 4 cr.
64657 008 LAB, 12:20-14:15 W, 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)
60528 001 LEC, 14:30-15:20 MWF, Willey Hall 125, In
Person Term Based; Meets With: 001 CSCI 1933H; Chris
Dovolis ; 4 cr.
60529 002 LAB, 8:00-9:55 T, Keller Hall 1-262, In Person
Term Based; Chris Dovolis ; 4 cr.
60530 003 LAB, 10:10-12:05 T, Keller Hall 1-262, In Person
Term Based; Chris Dovolis ; 4 cr.
60531 004 LAB, 14:30-16:25 T, Keller Hall 1-262, In Person
Term Based; Chris Dovolis ; 4 cr.
60532 005 LAB, 8:00-9:55 W, Keller Hall 1-262, In Person
Term Based; Chris Dovolis ; 4 cr.
60533 006 LAB, 10:10-12:05 W, Keller Hall 1-262, In Person
Term Based; Chris Dovolis ; 4 cr.
60543 010 LEC, 18:30-21:00 Th, Keller Hall 3-230, In Person
Term Based; Chris Dovolis ; 4 cr.
60544 011 LAB, 16:40-18:35 T, Keller Hall 1-262, In Person
Term Based; Chris Dovolis ; 4 cr.
60545 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)**
60857 001 LEC, 14:30-15:20 MWF, Willey Hall 125, In
Person Term Based; Meets With: 001 CSCI 1933; Chris
Dovolis ; 4 cr.
60861 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)**
58562 001 LEC, 9:05-9:55 MWF, Willey Hall 125, In Person
Term Based; Kathryn Jensen ; 4 cr.
58563 002 DIS, 8:00-8:50 T, Ford Hall 130, In Person Term
Based; Kathryn Jensen ; 4 cr.
58564 003 DIS, 9:05-9:55 T, Keller Hall 3-115, In Person
Term Based; Kathryn Jensen ; 4 cr.
59792 004 DIS, 10:10-11:00 T, Keller Hall 2-260, In Person
Term Based; Kathryn Jensen ; 4 cr.
60321 005 DIS, 11:15-12:05 T, Molecular Cellular Biol 2-122,
In Person Term Based; Kathryn Jensen ; 4 cr.
60366 006 DIS, 12:20-13:10 T, Molecular Cellular Biol 2-120,
In Person Term Based; Kathryn Jensen ; 4 cr.
60566 007 DIS, 13:25-14:15 T, Molecular Cellular Biol 2-120,
In Person Term Based; Kathryn Jensen ; 4 cr.
60639 010 LEC, 16:00-17:15 TTh, Bruininks Hall 220, In
Person Term Based; Nathan Taylor ; 4 cr.
60640 011 DIS, 14:30-15:20 M, Ford Hall 130, In Person
Term Based; Nathan Taylor ; 4 cr.
60641 012 DIS, 15:35-16:25 M, Ford Hall 130, In Person
Term Based; Nathan Taylor ; 4 cr.
60777 013 DIS, 16:40-17:30 M, Ford Hall 150, In Person
Term Based; Nathan Taylor ; 4 cr.
60880 014 DIS, 17:45-18:35 M, Amundson Hall 240, In
Person Term Based; Nathan Taylor ; 4 cr.
60881 015 DIS, 18:50-19:40 M, Amundson Hall 240, In
Person Term Based; Nathan Taylor ; 4 cr.

2011H Honors Discrete Structures of Computer Science

**(A-F only; Prereq: [MATH 1271 or MATH 1371 or MATH
1571H], honors student.)**
60468 001 LEC, 9:05-9:55 MWF, Amundson Hall 240, In
Person Term Based; Ravi Janardan ; 4 cr.
60469 002 DIS, 13:25-14:15 Th, Civil Engineering Bldg 212,
In Person Term Based; Ravi Janardan ; 4 cr.

2021 Machine Architecture and Organization

(Student Option; Prereq: 1913 or 1933 or instr consent)
58565 001 LEC, 12:20-13:10 MWF, 10 Church Street SE
100, In Person Term Based; Christopher Kauffman ; 4 cr.
58566 003 LAB, 19:55-20:45 T, Keller Hall 1-250, In Person
Term Based; Christopher Kauffman ; 4 cr.
58567 004 LAB, 8:00-8:50 W, Keller Hall 1-250, In Person
Term Based; Christopher Kauffman ; 4 cr.
59261 002 LAB, 18:50-19:40 T, Keller Hall 1-250, In Person
Term Based; Christopher Kauffman ; 4 cr.
60586 010 LEC, 15:35-16:25 MWF, Bruininks Hall 220, In
Person Term Based; Christopher Kauffman ; 4 cr.
60651 012 LAB, 12:20-13:10 W, Keller Hall 1-250, In Person
Term Based; Christopher Kauffman ; 4 cr.
60652 013 LAB, 13:25-14:15 W, Keller Hall 1-250, In Person
Term Based; Christopher Kauffman ; 4 cr.
60778 005 LAB, 9:05-9:55 W, Keller Hall 1-250, In Person
Term Based; Christopher Kauffman ; 4 cr.
60882 014 LAB, 14:30-15:20 W, Keller Hall 1-250, In Person
Term Based; Christopher Kauffman ; 4 cr.
64658 006 LAB, 10:10-11:00 W, Keller Hall 1-250, In Person
Term Based; Christopher Kauffman ; 4 cr.

64659 007 LAB, 11:15-12:05 W, Keller Hall 1-250, 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])

60269 001 LEC, 9:05- 9:55 MWF, Tate Hall 105, In Person Term Based; Victoria Interrante ; 4 cr.
60270 002 DIS, 10:10-11:00 T, Amundson Hall 240, In Person Term Based; Victoria Interrante ; 4 cr.
60271 003 DIS, 11:15-12:05 T, Amundson Hall 240, In Person Term Based; Victoria Interrante ; 4 cr.
60272 004 DIS, 12:20-13:10 T, Amundson Hall 240, In Person Term Based; Victoria Interrante ; 4 cr.
60667 013 DIS, 15:35-16:25 T, Amundson Hall 240, In Person Term Based; Carl Sturivant ; 4 cr.
60668 011 DIS, 13:25-14:15 T, Amundson Hall 240, In Person Term Based; Carl Sturivant ; 4 cr.
60669 012 DIS, 14:30-15:20 T, Amundson Hall 240, In Person Term Based; Carl Sturivant ; 4 cr.
60883 010 LEC, 13:25-14:15 MWF, Tate Hall 105, In Person Term Based; Carl Sturivant ; 4 cr.

2041 Advanced Programming Principles

(Student Option; Prereq: [1913 or 1933], 2011)

60547 001 LEC, 13:25-14:15 MWF, Keller Hall 3-210, In Person Term Based; Nick Hopper ; 4 cr.
60548 002 LAB, 8:00- 8:50 T, Keller Hall 1-250, In Person Term Based; Nick Hopper ; 4 cr.
60549 003 LAB, 9:05- 9:55 T, Keller Hall 1-250, In Person Term Based; Nick Hopper ; 4 cr.
60550 004 LAB, 10:10-11:00 T, Keller Hall 1-250, In Person Term Based; Nick Hopper ; 4 cr.
60551 005 LAB, 11:15-12:05 T, Keller Hall 1-250, In Person Term Based; Nick Hopper ; 4 cr.
60552 006 LAB, 12:20-13:10 T, Keller Hall 1-250, In Person Term Based; Nick Hopper ; 4 cr.
60553 007 LAB, 13:25-14:15 T, Keller Hall 1-250, In Person Term Based; Nick Hopper ; 4 cr.
60745 008 LAB, 14:30-15:20 T, Keller Hall 1-250, In Person Term Based; Nick Hopper ; 4 cr.
60779 010 LEC, 15:35-16:25 MWF, Mayo Bldg & Additions C231, In Person Term Based; Eric Van Wyk ; 4 cr.
60780 011 LAB, 15:35-16:25 T, Keller Hall 1-250, In Person Term Based; Eric Van Wyk ; 4 cr.
60781 012 LAB, 16:40-17:30 T, Keller Hall 1-250, In Person Term Based; Eric Van Wyk ; 4 cr.
64660 013 LAB, 17:45-18:35 T, Keller Hall 1-250, In Person Term Based; Eric Van Wyk ; 4 cr.

2980 Special Topics in Computer Science

(A-F or Audit;)

68823 001 LEC, 18:00-20:00 M, , In Person Term Based; 1-4 cr.

3003 Introduction to Computing in Biology

(Student Option; Prereq: introductory biology course.)

60915 001 LEC, 14:30-15:45 TTh, Keller Hall 3-115, In Person Term Based; Meets With: 001 CSCI 5465; Chad Myers ; 3 cr.
60916 002 LAB, 11:15-13:10 F, Keller Hall 1-262, In Person Term Based; Chad Myers ; 3 cr.
61105 003 LAB, 13:25-15:20 F, Keller Hall 1-262, In Person Term Based; Chad Myers ; 3 cr.

3081W Program Design and Development

(Student Option; Prereq: [2021, 2041]; CS upper div, CS grad, or dept. permissionW)

59167 001 LEC, 16:00-17:15 MW, Vincent Hall 16, In Person Term Based; Daniel Challou ; 4 cr.
59168 002 LAB, 8:00- 8:50 F, Keller Hall 1-250, In Person Term Based; Daniel Challou ; 4 cr.
59169 003 LAB, 9:05- 9:55 F, Keller Hall 1-250, In Person Term Based; Daniel Challou ; 4 cr.
60250 004 LAB, 10:10-11:00 F, Keller Hall 1-250, In Person Term Based; Daniel Challou ; 4 cr.
60322 005 LAB, 11:15-12:05 F, Keller Hall 1-250, In Person Term Based; Daniel Challou ; 4 cr.
60546 011 LAB, 12:20-13:10 F, Keller Hall 1-250, In Person Term Based; Amy Larson ; 4 cr.
60562 010 LEC, 14:30-15:45 TTh, Tate Hall 105, In Person Term Based; Amy Larson ; 4 cr.
60563 012 LAB, 13:25-14:15 F, Keller Hall 1-250, In Person Term Based; Amy Larson ; 4 cr.
60860 013 LAB, 14:30-15:20 F, Keller Hall 1-250, In Person Term Based; Amy Larson ; 4 cr.

3970 Industrial Student Co-op Assignment

(S-N or Audit; Prereq: CSci, in co-op program, instr consent)

58890 001 FWK, 00:00-00:00 , , Independent/Directed Study; Chris Dovolis ; 2 cr.

4011 Formal Languages and Automata Theory

(Student Option; Prereq: 2041 or instr consent)

58499 001 LEC, 11:15-12:30 MW, West Bank Skyway 20, In Person Term Based; Kathryn Jensen ; 4 cr.
58500 002 DIS, 12:20-13:10 F, Amundson Hall 240, In Person Term Based; Kathryn Jensen ; 4 cr.
58501 003 DIS, 13:25-14:15 F, Amundson Hall 240, In Person Term Based; Kathryn Jensen ; 4 cr.
60415 004 DIS, 14:30-15:20 F, Amundson Hall 240, In Person Term Based; Kathryn Jensen ; 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)

58568 001 LEC, 13:00-14:15 TTh, Keller Hall 3-210, In Person Term Based; James Moen ; 4 cr.
58569 003 DIS, 10:10-11:00 F, Ford Hall 130, In Person Term Based; James Moen ; 4 cr.
59262 002 DIS, 9:05- 9:55 F, Ford Hall 130, In Person Term Based; James Moen ; 4 cr.
59983 004 DIS, 11:15-12:05 F, Ford Hall 130, In Person Term Based; James Moen ; 4 cr.
60251 005 DIS, 12:20-13:10 F, Ford Hall 130, In Person Term Based; James Moen ; 4 cr.
60305 006 DIS, 13:25-14:15 F, Ford Hall 130, In Person Term Based; James Moen ; 4 cr.
60642 007 DIS, 14:30-15:20 F, Ford Hall 130, In Person Term Based; James Moen ; 4 cr.
60782 010 LEC, 16:00-17:15 MW, Keller Hall 3-210, In Person Term Based; Nathan Taylor ; 4 cr.
60783 011 DIS, 15:35-16:25 Th, Amundson Hall 240, In Person Term Based; Nathan Taylor ; 4 cr.
60784 012 DIS, 16:40-17:30 Th, Keller Hall 2-260, In Person Term Based; Nathan Taylor ; 4 cr.
60858 013 DIS, 17:45-18:35 Th, Keller Hall 3-111, In Person Term Based; Nathan Taylor ; 4 cr.
60884 014 DIS, 18:50-19:40 Th, Ford Hall 150, In Person Term Based; Nathan Taylor ; 4 cr.
64661 015 DIS, 19:55-20:45 Th, Ford Hall 130, In Person Term Based; Nathan Taylor ; 4 cr.
66976 020 LEC, 16:00-17:15 TTh, Rapson Hall 45, In Person Term Based; James Moen ; 4 cr.
66977 021 DIS, 13:25-14:15 F, Mechanical Engineering 108, In Person Term Based; James Moen ; 4 cr.
66978 022 DIS, 14:30-15:20 F, Mechanical Engineering 108, In Person Term Based; James Moen ; 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.)

58496 001 LEC, 9:45-11:00 TTh, Vincent Hall 16, In Person Term Based; Christopher Kauffman ; 4 cr.
58497 003 LAB, 9:05- 9:55 M, Keller Hall 1-250, In Person Term Based; Christopher Kauffman ; 4 cr.
58498 004 LAB, 10:10-11:00 M, Keller Hall 1-250, In Person Term Based; Christopher Kauffman ; 4 cr.
60175 005 LAB, 11:15-12:05 M, Keller Hall 1-250, In Person Term Based; Christopher Kauffman ; 4 cr.
60367 011 LAB, 12:20-13:10 M, Keller Hall 1-250, In Person Term Based; Kangjie Lu ; 4 cr.
60653 010 LEC, 11:15-12:30 TTh, Keller Hall 3-210, In Person Term Based; Kangjie Lu ; 4 cr.
60654 013 LAB, 14:30-15:20 M, Keller Hall 1-250, In Person Term Based; Kangjie Lu ; 4 cr.
60655 014 LAB, 15:35-16:25 M, Keller Hall 1-250, In Person Term Based; Kangjie Lu ; 4 cr.
60743 012 LAB, 13:25-14:15 M, Keller Hall 1-250, In Person Term Based; Kangjie Lu ; 4 cr.
60785 015 LAB, 16:40-17:30 M, Keller Hall 1-250, In Person Term Based; Kangjie Lu ; 4 cr.
64662 002 LAB, 8:00- 8:50 M, Keller Hall 1-250, In Person Term Based; Christopher Kauffman ; 4 cr.

4131 Internet Programming

(Student Option; Prereq: 4061, 4211 recommended, cannot be taken for grad CSci cr)

59103 001 LEC, 18:30-21:00 T, Keller Hall 3-210, In Person Term Based; Daniel Challou ; 3 cr.

4203 Computer Architecture

(Student Option; Prereq: 2021 or instr consent)

58495 001 LEC, 9:45-11:00 TTh, Smith Hall 231, In Person Term Based; Meets With: 001 EE 4363; Pen-Chung Yew ; 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)

60467 001 LEC, 13:00-14:15 MW, Tate Hall 101, In Person Term Based; David Du ; 3 cr.

4511W Introduction to Artificial Intelligence

(Student Option; Prereq: 2041 or instr consentW)

60198 001 LEC, 14:30-15:45 MW, Keller Hall 3-210, In Person Term Based; James Parker ; 4 cr.
60885 002 LEC, 16:00-17:15 TTh, Amundson Hall B75, In Person Term Based; Maria Gini ; 4 cr.

4611 Programming Interactive Computer Graphics and Games

(Student Option; Prereq: 2021 or instr consent)

60516 001 LEC, 14:30-15:45 MW, Keller Hall 3-230, In Person Term Based; Gary Meyer ; 3 cr.

4707 Practice of Database Systems

(Student Option; Prereq: 4041 or instr consent)

60368 001 LEC, 16:00-17:15 MW, Amundson Hall B75, In Person Term Based; Jaideep Srivastava ; 3 cr.

4950 Senior Software Project

(A-F only; Prereq: Upper div CSci, instr consent)

60190 001 DIS, 00:00-00:00 , , In Person Term Based; 3 cr.

4970W Advanced Project Laboratory

(Student Option; Prereq: Upper div CSci, 4061, instr consent; cannot be taken for grad crWI)

58852 001 IND, 00:00-00:00 , , In Person Term Based; 3 cr.
59315 002 IND, 00:00-00:00 , , In Person Term Based; Daniel Boley ; 3 cr.
59316 003 IND, 00:00-00:00 , , In Person Term Based; John Carlis ; 3 cr.
59317 004 IND, 00:00-00:00 , , In Person Term Based; Arindam Banerjee ; 3 cr.
59318 005 IND, 00:00-00:00 , , In Person Term Based; 3 cr.
59319 006 IND, 00:00-00:00 , , In Person Term Based; 3 cr.
59320 007 IND, 00:00-00:00 , , In Person Term Based; David Du ; 3 cr.
59321 008 IND, 00:00-00:00 , , In Person Term Based; Tian He ; 3 cr.
59322 009 IND, 00:00-00:00 , , In Person Term Based; Maria Gini ; 3 cr.
59323 010 IND, 00:00-00:00 , , In Person Term Based; Mats Heimdahl ; 3 cr.
59324 011 IND, 00:00-00:00 , , In Person Term Based; Stephen Guy ; 3 cr.
59325 012 IND, 00:00-00:00 , , In Person Term Based; Victoria Interrante ; 3 cr.
59326 013 IND, 00:00-00:00 , , In Person Term Based; Ravi Janardan ; 3 cr.
59327 014 IND, 00:00-00:00 , , In Person Term Based; George Karypis ; 3 cr.
59328 015 IND, 00:00-00:00 , , In Person Term Based; Dan Knights ; 3 cr.
59329 016 IND, 00:00-00:00 , , In Person Term Based; Joseph Konstan ; 3 cr.
59330 017 IND, 00:00-00:00 , , In Person Term Based; Vipin Kumar ; 3 cr.
59331 018 IND, 00:00-00:00 , , In Person Term Based; Rui Kuang ; 3 cr.
59332 019 IND, 00:00-00:00 , , In Person Term Based; Gary Meyer ; 3 cr.
59333 020 IND, 00:00-00:00 , , In Person Term Based; Gopalan Nadathur ; 3 cr.
59334 021 IND, 00:00-00:00 , , In Person Term Based; Mohamed Mokbel ; 3 cr.
59335 022 IND, 00:00-00:00 , , In Person Term Based; Nikolaos Papanikolopoulos ; 3 cr.
59336 023 IND, 00:00-00:00 , , In Person Term Based; Chad Myers ; 3 cr.
59337 024 IND, 00:00-00:00 , , In Person Term Based; Stephen McCamant ; 3 cr.
59338 025 IND, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis ; 3 cr.
59339 026 IND, 00:00-00:00 , , In Person Term Based; Yousef Saad ; 3 cr.
59340 027 IND, 00:00-00:00 , , In Person Term Based; Paul Schreier ; 3 cr.
59341 028 IND, 00:00-00:00 , , In Person Term Based; Hyun Soo Park ; 3 cr.
59342 029 IND, 00:00-00:00 , , In Person Term Based; Shashi Shekhar ; 3 cr.
59343 030 IND, 00:00-00:00 , , In Person Term Based; Rahul Narain ; 3 cr.
59344 031 IND, 00:00-00:00 , , In Person Term Based; Jaideep Srivastava ; 3 cr.
59345 032 IND, 00:00-00:00 , , In Person Term Based; 3 cr.
59346 033 IND, 00:00-00:00 , , In Person Term Based; Junaed Sattar ; 3 cr.
59347 034 IND, 00:00-00:00 , , In Person Term Based; Loren Terveen ; 3 cr.
59348 035 IND, 00:00-00:00 , , In Person Term Based; Anand Tripathi ; 3 cr.
59349 036 IND, 00:00-00:00 , , In Person Term Based; Eric Van Wyk ; 3 cr.
59350 037 IND, 00:00-00:00 , , In Person Term Based; Volkan Isler ; 3 cr.
59351 038 IND, 00:00-00:00 , , In Person Term Based; Jon Weissman ; 3 cr.

59352 039 IND, 00:00-00:00 , , In Person Term Based; Pen-Chung Yew ; 3 cr.
 59353 040 IND, 00:00-00:00 , , In Person Term Based; Zhi-Li Zhang ; 3 cr.
 59735 041 IND, 00:00-00:00 , , In Person Term Based; Abhishek Chandra ; 3 cr.
 59736 042 IND, 00:00-00:00 , , In Person Term Based; Nick Hopper ; 3 cr.
 59737 043 IND, 00:00-00:00 , , In Person Term Based; Antonia Zhai ; 3 cr.
 60116 044 IND, 00:00-00:00 , , In Person Term Based; Daniel Keefe ; 3 cr.
 60612 045 IND, 00:00-00:00 , , In Person Term Based; Lana Yarosh ; 3 cr.
 60736 046 IND, 00:00-00:00 , , In Person Term Based; Haiyi Zhu ; 3 cr.
 60840 047 IND, In Person Term Based; Qi Zhao ; 3 cr.

4994H Honors Thesis

(A-F only; Prereq: Honors student, instr consent)
 60282 001 IND, 00:00-00:00 , , Independent/Directed Study; Vipin Kumar, Lana Yarosh, Carl Sturtivant ; 1-3 cr.

5103 Operating Systems

(Student Option; Prereq: 4061 or instr consent)
 60323 001 LEC, 13:00-14:15 TTh, Keller Hall 3-111, In Person Term Based; Anand Tripathi ; 3 cr.
 60339 883 LEC, 13:00-14:15 TTh, ONLINE, Completely Online; Anand Tripathi ; 3 cr.

5105 Introduction to Distributed Systems

(Student Option; Prereq: [5103 or equiv] or instr consent)
 60324 001 LEC, 8:15- 9:30 TTh, Keller Hall 3-125, In Person Term Based; Abhishek Chandra ; 3 cr.
 60342 883 LEC, 8:15- 9:30 TTh, ONLINE, Completely Online; Abhishek Chandra ; 3 cr.

5115 User Interface Design, Implementation and Evaluation

(Student Option; Prereq: 4041 or instr consent)
 60645 001 LEC, 9:45-11:00 TTh, Akerman Hall 319, In Person Term Based; Haiyi Zhu ; 3 cr.

5125 Collaborative and Social Computing

(Student Option; Prereq: 5115 or instr consent)
 60556 001 LEC, 18:30-21:00 M, Keller Hall 3-115, In Person Term Based; Joseph Konstan ; 3 cr.
 60569 883 LEC, 18:30-21:00 M, ONLINE, Completely Online; Joseph Konstan ; 3 cr.

5143 Real-Time and Embedded Systems

(A-F only; Prereq: [4061 or instr consent], experience with C language)
 60914 001 LEC, 18:30-21:00 T, Bruininks Hall 530A, In Person Term Based; Amy Larson ; 3 cr.

5161 Introduction to Compilers

(Student Option; Prereq: [2021, 5106] or instr consent)
 64806 001 LEC, 8:15- 9:30 MW, Keller Hall 3-111, In Person Term Based; Eric Van Wyk ; 3 cr.
 67508 883 LEC, 8:15- 9:30 MW, ONLINE, Completely Online; Eric Van Wyk ; 3 cr.

5271 Introduction to Computer Security

(Student Option; Prereq: 4061 or equiv or instr consent)
 66786 001 LEC, 16:00-17:15 TTh, Keller Hall 3-125, In Person Term Based; Stephen McCamant ; 3 cr.
 67511 883 LEC, 16:00-17:15 TTh, ONLINE, Completely Online; Stephen McCamant ; 3 cr.

5302 Analysis of Numerical Algorithms

(Student Option; Prereq: 2031 or 2033 or instr consent)
 58494 001 LEC, 16:00-17:15 TTh, Keller Hall 3-115, In Person Term Based; Daniel Boley ; 3 cr.
 59666 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)
 59083 001 LEC, 18:30-21:00 W, Keller Hall 3-210, In Person Term Based; Carl Sturtivant ; 3 cr.
 59660 883 LEC, 18:30-21:00 W, ONLINE, Completely Online; Carl Sturtivant ; 3 cr.

5451 Introduction to Parallel Computing:

Architectures, Algorithms, and Programming
 (Student Option; Prereq: 4041 or instr consent)
 60181 001 LEC, 8:15- 9:30 TTh, Keller Hall 3-111, In Person Term Based; George Karypis ; 3 cr.
 60192 883 LEC, 8:15- 9:30 TTh, ONLINE, Completely Online; George Karypis ; 3 cr.

5461 Functional Genomics, Systems Biology, and Bioinformatics

(Student Option; Prereq: 3003 or 4041 or instr consent)
 64807 001 LEC, 11:15-12:30 TTh, Mechanical Engineering 212, In Person Term Based; Chad Myers ; 3 cr.
 67512 883 LEC, 11:15-12:30 TTh, ONLINE, Completely Online; Chad Myers ; 3 cr.

5465 Introduction to Computing for Biologists

(Student Option; Prereq: Introductory biology course; non-CSE students only.)
 66787 001 LEC, 14:30-15:45 TTh, Keller Hall 3-115, In Person Term Based; Meets With: 001 CSCI 3003; Chad Myers ; 3 cr.
 67513 883 LEC, 14:30-15:45 TTh, ONLINE, Completely Online; Chad Myers ; 3 cr.
 68357 771 LEC, 14:30-15:45 TTh, ONLINE, Completely Online; 3 cr.

5471 Modern Cryptography

(Student Option; Prereq: [2011, 4041, [familiarity with number theory or finite fields]] or instr consent)
 64808 001 LEC, 9:45-11:00 MW, Armory Building 202, In Person Term Based; Nick Hopper ; 3 cr.

5512 Artificial Intelligence II

(Student Option; Prereq: [STAT 3021, 4041] or instr consent)
 60297 001 LEC, 11:15-12:30 MW, Mechanical Engineering 108, In Person Term Based; James Parker ; 3 cr.
 60345 883 LEC, 11:15-12:30 MW, ONLINE, Completely Online; James Parker ; 3 cr.

5521 Introduction to Machine Learning

(Student Option; Prereq: [[2031 or 2033], STAT 3021] or instr consent)
 60649 001 LEC, 9:45-11:00 TTh, Rapson Hall 45, In Person Term Based; Qi Zhao ; 3 cr.
 60678 883 LEC, 14:30-15:45 TTh, ONLINE, Completely Online; Rui Kuang ; 3 cr.
 60913 002 LEC, 14:30-15:45 TTh, Mechanical Engineering 212, In Person Term Based; Rui Kuang ; 3 cr.

5523 Introduction to Data Mining

(Student Option; Prereq: 4041 or equiv or instr consent)
 60643 001 LEC, 13:00-14:15 MW, Smith Hall 231, In Person Term Based; Vipin Kumar ; 3 cr.
 60681 883 LEC, 18:30-21:00 M, ONLINE, Completely Online; Vipin Kumar ; 3 cr.
 64805 002 LEC, 18:30-21:00 M, Keller Hall 3-111, In Person Term Based; Vipin Kumar ; 3 cr.

5561 Computer Vision

(Student Option; Prereq: 5511 or instr consent)
 58680 001 LEC, 9:45-11:00 MW, Keller Hall 3-111, In Person Term Based; Hyun Soo Park ; 3 cr.
 59663 883 LEC, 9:45-11:00 MW, ONLINE, Completely Online; Hyun Soo Park ; 3 cr.

5609 Visualization

(Student Option; Prereq: [1913, 4041] or equiv or instr consent)
 64810 001 LEC, 11:15-12:30 TTh, Keller Hall 3-125, In Person Term Based; Daniel Keefe ; 3 cr.
 66947 883 LEC, 11:15-12:30 TTh, ONLINE, Completely Online; Daniel Keefe ; 3 cr.

5611 Animation & Planning in Games

(Student Option; Prereq: 4041 or 4611 or instr consent)
 60796 001 LEC, 16:00-17:15 MW, Mechanical Engineering 212, In Person Term Based; Stephen Guy ; 3 cr.
 60822 883 LEC, 16:00-17:15 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)
 58502 001 LEC, 14:30-15:45 TTh, Keller Hall 3-111, In Person Term Based; Shashi Shekhar ; 3 cr.
 59698 883 LEC, 14:30-15:45 TTh, ONLINE, Completely Online; 3 cr.

5801 Software Engineering I

(Student Option; Prereq: 2041 or instr consent)
 60557 001 LEC, 13:00-14:15 MW, Keller Hall 3-230, In Person Term Based; Kevin Wendt ; 3 cr.
 60572 883 LEC, 13:00-14:15 MW, ONLINE, Completely Online; Kevin Wendt ; 3 cr.

5802 Software Engineering II

(Student Option; Prereq: 5801 or instr consent)
 60079 001 LEC, 11:15-12:30 MW, Keller Hall 3-111, In Person Term Based; Sanjai Rayadurgam ; 3 cr.

60098 883 LEC, 11:15-12:30 MW, ONLINE, Completely Online; Sanjai Rayadurgam ; 3 cr.

5991 Independent Study

(Student Option; Prereq: instr consent; may be repeated for cr)
 58788 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.
 59354 002 IND, 00:00-00:00 , , Independent/Directed Study; Daniel Boley ; 1-3 cr.
 59355 003 IND, 00:00-00:00 , , Independent/Directed Study; John Carlis ; 1-3 cr.
 59356 004 IND, 00:00-00:00 , , Independent/Directed Study; Arindam Banerjee ; 1-3 cr.
 59357 005 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.
 59358 006 IND, 00:00-00:00 , , Independent/Directed Study; Chris Dovolis ; 1-3 cr.
 59359 007 IND, 00:00-00:00 , , Independent/Directed Study; David Du ; 1-3 cr.
 59360 008 IND, 00:00-00:00 , , Independent/Directed Study; Tian He ; 1-3 cr.
 59361 009 IND, 00:00-00:00 , , Independent/Directed Study; Maria Gini ; 1-3 cr.
 59362 010 IND, 00:00-00:00 , , Independent/Directed Study; Mats Heimdahl ; 1-3 cr.
 59363 011 IND, 00:00-00:00 , , Independent/Directed Study; Stephen Guy ; 1-3 cr.
 59364 012 IND, 00:00-00:00 , , Independent/Directed Study; Victoria Terrante ; 1-3 cr.
 59365 013 IND, 00:00-00:00 , , Independent/Directed Study; Ravi Janardan ; 1-3 cr.
 59366 014 IND, 00:00-00:00 , , Independent/Directed Study; George Karypis ; 1-3 cr.
 59367 015 IND, 00:00-00:00 , , Independent/Directed Study; Dan Knights ; 1-3 cr.
 59368 016 IND, 00:00-00:00 , , Independent/Directed Study; Joseph Konstan ; 1-3 cr.
 59369 017 IND, 00:00-00:00 , , Independent/Directed Study; Vipin Kumar ; 1-3 cr.
 59370 018 IND, 00:00-00:00 , , Independent/Directed Study; Rui Kuang ; 1-3 cr.
 59371 019 IND, 00:00-00:00 , , Independent/Directed Study; Gary Meyer ; 1-3 cr.
 59372 020 IND, 00:00-00:00 , , Independent/Directed Study; Gopalan Nadathur ; 1-3 cr.
 59373 021 IND, 00:00-00:00 , , Independent/Directed Study; Mohamed Mokbel ; 1-3 cr.
 59374 022 IND, 00:00-00:00 , , Independent/Directed Study; Nikolaos Papanikolopoulos ; 1-3 cr.
 59375 023 IND, 00:00-00:00 , , Independent/Directed Study; Chad Myers ; 1-3 cr.
 59376 024 IND, 00:00-00:00 , , Independent/Directed Study; Stephen McCamant ; 1-3 cr.
 59377 025 IND, 00:00-00:00 , , Independent/Directed Study; Stergios Roumeliotis ; 1-3 cr.
 59378 026 IND, 00:00-00:00 , , Independent/Directed Study; Yousef Saad ; 1-3 cr.
 59379 027 IND, 00:00-00:00 , , Independent/Directed Study; Paul Schrater ; 1-3 cr.
 59380 028 IND, 00:00-00:00 , , Independent/Directed Study; Hyun Soo Park ; 1-3 cr.
 59381 029 IND, 00:00-00:00 , , Independent/Directed Study; Shashi Shekhar ; 1-3 cr.
 59382 030 IND, 00:00-00:00 , , Independent/Directed Study; Rahul Narain ; 1-3 cr.
 59383 031 IND, 00:00-00:00 , , Independent/Directed Study; Jaideep Srivastava ; 1-3 cr.
 59384 032 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.
 59385 033 IND, 00:00-00:00 , , Independent/Directed Study; Junaed Sattar ; 1-3 cr.
 59386 034 IND, 00:00-00:00 , , Independent/Directed Study; Loren Terveen ; 1-3 cr.
 59387 035 IND, 00:00-00:00 , , Independent/Directed Study; Anand Tripathi ; 1-3 cr.
 59388 036 IND, 00:00-00:00 , , Independent/Directed Study; Eric Van Wyk ; 1-3 cr.
 59389 037 IND, 00:00-00:00 , , Independent/Directed Study; Volkan Isler ; 1-3 cr.
 59390 038 IND, 00:00-00:00 , , Independent/Directed Study; Jon Weissman ; 1-3 cr.
 59391 039 IND, 00:00-00:00 , , Independent/Directed Study; Pen-Chung Yew ; 1-3 cr.
 59392 040 IND, 00:00-00:00 , , Independent/Directed Study; Zhi-Li Zhang ; 1-3 cr.
 59738 041 IND, 00:00-00:00 , , Independent/Directed Study; Abhishek Chandra ; 1-3 cr.
 59739 042 IND, 00:00-00:00 , , Independent/Directed Study; Nick Hopper ; 1-3 cr.
 59740 043 IND, 00:00-00:00 , , Independent/Directed Study; Antonia Zhai ; 1-3 cr.
 60117 044 IND, 00:00-00:00 , , Independent/Directed Study; Daniel Keefe ; 1-3 cr.
 60613 045 IND, 00:00-00:00 , , In Person Term Based; Lana Yarosh ; 1-3 cr.

60737 046 IND, 00:00-00:00 , , In Person Term Based; Haiyi Zhu ; 1-3 cr.
60841 047 IND, In Person Term Based; Qi Zhao ; 1-3 cr.

5994 Directed Research

(Student Option; Prereq: instr consent; may be repeated for cr)

58789 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
59393 002 IND, 00:00-00:00 , , In Person Term Based; Daniel Boley ; 1-3 cr.
59394 003 IND, 00:00-00:00 , , In Person Term Based; John Carlis ; 1-3 cr.
59395 004 IND, 00:00-00:00 , , In Person Term Based; Arindam Banerjee ; 1-3 cr.
59396 005 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
59397 006 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
59398 007 IND, 00:00-00:00 , , In Person Term Based; David Du ; 1-3 cr.
59399 008 IND, 00:00-00:00 , , In Person Term Based; Tian He ; 1-3 cr.
59400 009 IND, 00:00-00:00 , , In Person Term Based; Maria Gini ; 1-3 cr.
59401 010 IND, 00:00-00:00 , , In Person Term Based; Mats Heimdahl ; 1-3 cr.
59402 011 IND, 00:00-00:00 , , In Person Term Based; Stephen Guy ; 1-3 cr.
59403 012 IND, 00:00-00:00 , , In Person Term Based; Victoria Interrante ; 1-3 cr.
59404 013 IND, 00:00-00:00 , , In Person Term Based; Ravi Janardan ; 1-3 cr.
59405 014 IND, 00:00-00:00 , , In Person Term Based; George Karypis ; 1-3 cr.
59406 015 IND, 00:00-00:00 , , In Person Term Based; Dan Knights ; 1-3 cr.
59407 016 IND, 00:00-00:00 , , In Person Term Based; Joseph Konstan ; 1-3 cr.
59408 017 IND, 00:00-00:00 , , In Person Term Based; Vipin Kumar ; 1-3 cr.
59409 018 IND, 00:00-00:00 , , In Person Term Based; Rui Kuang ; 1-3 cr.
59410 019 IND, 00:00-00:00 , , In Person Term Based; Gary Meyer ; 1-3 cr.
59411 020 IND, 00:00-00:00 , , In Person Term Based; Gopalan Nadathur ; 1-3 cr.
59412 021 IND, 00:00-00:00 , , In Person Term Based; Mohamed Mokbel ; 1-3 cr.
59413 022 IND, 00:00-00:00 , , In Person Term Based; Nikolaos Papanikolopoulos ; 1-3 cr.
59414 023 IND, 00:00-00:00 , , In Person Term Based; Chad Myers ; 1-3 cr.
59415 024 IND, 00:00-00:00 , , In Person Term Based; Stephen McCamant ; 1-3 cr.
59416 025 IND, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis ; 1-3 cr.
59417 026 IND, 00:00-00:00 , , In Person Term Based; Yousef Saad ; 1-3 cr.
59418 027 IND, 00:00-00:00 , , In Person Term Based; Paul Schrater ; 1-3 cr.
59419 028 IND, 00:00-00:00 , , In Person Term Based; Hyun Soo Park ; 1-3 cr.
59420 029 IND, 00:00-00:00 , , In Person Term Based; Shashi Shekhar ; 1-3 cr.
59421 030 IND, 00:00-00:00 , , In Person Term Based; Rahul Narain ; 1-3 cr.
59422 031 IND, 00:00-00:00 , , In Person Term Based; Jaideep Srivastava ; 1-3 cr.
59423 032 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
59424 033 IND, 00:00-00:00 , , In Person Term Based; Junaed Sattar ; 1-3 cr.
59425 034 IND, 00:00-00:00 , , In Person Term Based; Loren Terveen ; 1-3 cr.
59426 035 IND, 00:00-00:00 , , In Person Term Based; Anand Tripathi ; 1-3 cr.
59427 036 IND, 00:00-00:00 , , In Person Term Based; Eric Van Wyk ; 1-3 cr.
59428 037 IND, 00:00-00:00 , , In Person Term Based; Volkan Isler ; 1-3 cr.
59429 038 IND, 00:00-00:00 , , In Person Term Based; Jon Weissman ; 1-3 cr.
59430 039 IND, 00:00-00:00 , , In Person Term Based; Pen-Chung Yew ; 1-3 cr.
59431 040 IND, 00:00-00:00 , , In Person Term Based; Zhi-Li Zhang ; 1-3 cr.
59741 041 IND, 00:00-00:00 , , In Person Term Based; Abhishek Chandra ; 1-3 cr.
59742 042 IND, 00:00-00:00 , , In Person Term Based; Nick Hopper ; 1-3 cr.
59743 043 IND, 00:00-00:00 , , In Person Term Based; Antonia Zhai ; 1-3 cr.
60118 044 IND, 00:00-00:00 , , In Person Term Based; Daniel Keefe ; 1-3 cr.

60614 045 IND, 00:00-00:00 , , In Person Term Based; Lana Yarosh ; 1-3 cr.
60738 046 IND, 00:00-00:00 , , In Person Term Based; Haiyi Zhu ; 1-3 cr.
60842 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)

58898 001 FWK, 00:00-00:00 , , In Person Term Based; Joseph Nieszner ; 1 cr.
59550 002 FWK, 00:00-00:00 , , In Person Term Based; Daniel Boley ; 1 cr.
59551 003 FWK, 00:00-00:00 , , In Person Term Based; John Carlis ; 1 cr.
59552 004 FWK, 00:00-00:00 , , In Person Term Based; Arindam Banerjee ; 1 cr.
59553 005 FWK, 00:00-00:00 , , In Person Term Based; 1 cr.
59554 006 FWK, 00:00-00:00 , , In Person Term Based; Chris Dovolis ; 1 cr.
59555 007 FWK, 00:00-00:00 , , In Person Term Based; David Du ; 1 cr.
59556 008 FWK, 00:00-00:00 , , In Person Term Based; Tian He ; 1 cr.
59557 009 FWK, 00:00-00:00 , , In Person Term Based; Maria Gini ; 1 cr.
59558 010 FWK, 00:00-00:00 , , In Person Term Based; Mats Heimdahl, Michael Whalen ; 1 cr.
59559 011 FWK, 00:00-00:00 , , In Person Term Based; Stephen Guy ; 1 cr.
59560 012 FWK, 00:00-00:00 , , In Person Term Based; Victoria Interrante ; 1 cr.
59561 013 FWK, 00:00-00:00 , , In Person Term Based; Ravi Janardan ; 1 cr.
59562 014 FWK, 00:00-00:00 , , In Person Term Based; George Karypis ; 1 cr.
59563 015 FWK, 00:00-00:00 , , In Person Term Based; Dan Knights ; 1 cr.
59564 016 FWK, 00:00-00:00 , , In Person Term Based; Joseph Konstan ; 1 cr.
59565 017 FWK, 00:00-00:00 , , In Person Term Based; Vipin Kumar ; 1 cr.
59566 018 FWK, 00:00-00:00 , , In Person Term Based; Rui Kuang ; 1 cr.
59567 019 FWK, 00:00-00:00 , , In Person Term Based; Gary Meyer ; 1 cr.
59568 020 FWK, 00:00-00:00 , , In Person Term Based; Gopalan Nadathur ; 1 cr.
59569 021 FWK, 00:00-00:00 , , In Person Term Based; Mohamed Mokbel ; 1 cr.
59570 022 FWK, 00:00-00:00 , , In Person Term Based; Nikolaos Papanikolopoulos ; 1 cr.
59571 023 FWK, 00:00-00:00 , , In Person Term Based; Chad Myers ; 1 cr.
59572 024 FWK, 00:00-00:00 , , In Person Term Based; Stephen McCamant ; 1 cr.
59573 025 FWK, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis ; 1 cr.
59574 026 FWK, 00:00-00:00 , , In Person Term Based; Yousef Saad ; 1 cr.
59575 027 FWK, 00:00-00:00 , , In Person Term Based; Paul Schrater ; 1 cr.
59576 028 FWK, 00:00-00:00 , , In Person Term Based; Hyun Soo Park ; 1 cr.
59577 029 FWK, 00:00-00:00 , , In Person Term Based; Shashi Shekhar ; 1 cr.
59578 030 FWK, 00:00-00:00 , , In Person Term Based; Rahul Narain ; 1 cr.
59579 031 FWK, 00:00-00:00 , , In Person Term Based; Jaideep Srivastava ; 1 cr.
59580 032 FWK, 00:00-00:00 , , In Person Term Based; 1 cr.
59581 033 FWK, 00:00-00:00 , , In Person Term Based; Junaed Sattar ; 1 cr.
59582 034 FWK, 00:00-00:00 , , In Person Term Based; Loren Terveen ; 1 cr.
59583 035 FWK, 00:00-00:00 , , In Person Term Based; Anand Tripathi ; 1 cr.
59584 036 FWK, 00:00-00:00 , , In Person Term Based; Eric Van Wyk ; 1 cr.
59585 037 FWK, 00:00-00:00 , , In Person Term Based; Volkan Isler ; 1 cr.
59586 038 FWK, 00:00-00:00 , , In Person Term Based; Jon Weissman ; 1 cr.
59587 039 FWK, 00:00-00:00 , , In Person Term Based; Pen-Chung Yew ; 1 cr.
59588 040 FWK, 00:00-00:00 , , In Person Term Based; Zhi-Li Zhang ; 1 cr.
59744 041 FWK, 00:00-00:00 , , In Person Term Based; Abhishek Chandra ; 1 cr.
59745 042 FWK, 00:00-00:00 , , In Person Term Based; Nick Hopper ; 1 cr.
59746 043 FWK, 00:00-00:00 , , In Person Term Based; Antonia Zhai ; 1 cr.
60119 044 FWK, 00:00-00:00 , , In Person Term Based; Daniel Keefe ; 1 cr.

60615 045 FWK, 00:00-00:00 , , In Person Term Based; Lana Yarosh ; 1 cr.
60739 046 FWK, 00:00-00:00 , , In Person Term Based; Haiyi Zhu ; 1 cr.
60843 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)

59844 001 LEC, 11:15-12:30 F, Mechanical Engineering 212, In Person Term Based; George Karypis ; 2 cr.

8205 Parallel Computer Organization

(Student Option; Prereq: 5204 or EE 5364 or instr consent)

60299 883 LEC, 11:15-12:30 TTh, ONLINE, Completely Online; Antonia Zhai ; 3 cr.

61059 001 LEC, 11:15-12:30 TTh, Keller Hall 3-111, In Person Term Based; Meets With: 001 EE 8367; Antonia Zhai ; 3 cr.

8314 Sparse Matrix Computations

(Student Option; Prereq: 5304 or numerical linear algebra course or instr consent)

64812 001 LEC, 9:45-11:00 MW, Akerman Hall 227, In Person Term Based; Yousef Saad ; 3 cr.

8333 FTE: Master's

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

58939 001 IND, In Person Term Based; 1 cr.

8442 Computational Geometry and Applications

(Student Option; Prereq: 5421 or instr consent)

64814 001 LEC, 13:00-14:15 MW, Amundson Hall 240, In Person Term Based; Ravi Janardan ; 3 cr.

8444 FTE: Doctoral

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

58955 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)

58971 001 IND, In Person Term Based; 1-6 cr.

8701 Overview of Database Research

(Student Option; Prereq: 5708 or instr consent)

64813 001 LEC, 13:00-14:15 MW, Amundson Hall 158, In Person Term Based; Jaideep Srivastava ; 3 cr.

8760 Plan B Project

(S-N or Audit; Prereq: CSci MS student, instr consent)

58801 001 IND, 00:00-00:00 , , In Person Term Based; 3 cr.

59510 002 IND, 00:00-00:00 , , In Person Term Based;

Daniel Boley ; 3 cr.

59511 003 IND, 00:00-00:00 , , In Person Term Based; John

Carlis ; 3 cr.

59512 004 IND, 00:00-00:00 , , In Person Term Based;

Arindam Banerjee ; 3 cr.

59513 005 IND, 00:00-00:00 , , In Person Term Based; 3 cr.

59514 006 IND, 00:00-00:00 , , In Person Term Based; 3 cr.

59515 007 IND, 00:00-00:00 , , In Person Term Based; David

Du ; 3 cr.

59516 008 IND, 00:00-00:00 , , In Person Term Based; Tian

He ; 3 cr.

59517 009 IND, 00:00-00:00 , , In Person Term Based; Maria

Gini ; 3 cr.

59518 010 IND, 00:00-00:00 , , In Person Term Based; Mats

Heimdahl ; 3 cr.

59519 011 IND, 00:00-00:00 , , In Person Term Based;

Stephen Guy ; 3 cr.

59520 012 IND, 00:00-00:00 , , In Person Term Based;

Victoria Interrante ; 3 cr.

59521 013 IND, 00:00-00:00 , , In Person Term Based; Ravi

Janardan ; 3 cr.

59522 014 IND, 00:00-00:00 , , In Person Term Based;

George Karypis ; 3 cr.

59523 015 IND, 00:00-00:00 , , In Person Term Based; Dan

Knights ; 3 cr.

59524 016 IND, 00:00-00:00 , , In Person Term Based;

Joseph Konstan ; 3 cr.

59525 017 IND, 00:00-00:00 , , In Person Term Based; Vipin

Kumar ; 3 cr.

59526 018 IND, 00:00-00:00 , , In Person Term Based; Rui

Kuang ; 3 cr.

59527 019 IND, 00:00-00:00 , , In Person Term Based; Gary

Meyer ; 3 cr.

59528 020 IND, 00:00-00:00 , , In Person Term Based;

Gopalan Nadathur ; 3 cr.

59529 021 IND, 00:00-00:00 , , In Person Term Based;

Mohamed Mokbel ; 3 cr.

59530 022 IND, 00:00-00:00 , , In Person Term Based;

Nikolaos Papanikolopoulos ; 3 cr.

59531 023 IND, 00:00-00:00 , , In Person Term Based; Chad Myers ; 3 cr.	59441 011 IND, 00:00-00:00 , , Independent/Directed Study; Stephen Guy ; 1-3 cr.	59479 010 IND, 00:00-00:00 , , In Person Term Based; Mats Heimdahl ; 1-3 cr.
59532 024 IND, 00:00-00:00 , , In Person Term Based; Stephen McCamant ; 3 cr.	59442 012 IND, 00:00-00:00 , , Independent/Directed Study; Victoria Interrante ; 1-3 cr.	59480 011 IND, 00:00-00:00 , , In Person Term Based; Stephen Guy ; 1-3 cr.
59533 025 IND, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis ; 3 cr.	59443 013 IND, 00:00-00:00 , , Independent/Directed Study; Ravi Janardan ; 1-3 cr.	59481 012 IND, 00:00-00:00 , , In Person Term Based; Victoria Interrante ; 1-3 cr.
59534 026 IND, 00:00-00:00 , , In Person Term Based; Yousef Saad ; 3 cr.	59444 014 IND, 00:00-00:00 , , Independent/Directed Study; George Karypis ; 1-3 cr.	59482 013 IND, 00:00-00:00 , , In Person Term Based; Ravi Janardan ; 1-3 cr.
59535 027 IND, 00:00-00:00 , , In Person Term Based; Paul Schrater ; 3 cr.	59445 015 IND, 00:00-00:00 , , Independent/Directed Study; Dan Knights ; 1-3 cr.	59483 014 IND, 00:00-00:00 , , In Person Term Based; George Karypis ; 1-3 cr.
59536 028 IND, 00:00-00:00 , , In Person Term Based; Hyun Soo Park ; 3 cr.	59446 016 IND, 00:00-00:00 , , Independent/Directed Study; Joseph Konstan ; 1-3 cr.	59484 015 IND, 00:00-00:00 , , In Person Term Based; Dan Knights ; 1-3 cr.
59537 029 IND, 00:00-00:00 , , In Person Term Based; Shashi Shekhar ; 3 cr.	59447 017 IND, 00:00-00:00 , , Independent/Directed Study; Vipin Kumar ; 1-3 cr.	59485 016 IND, 00:00-00:00 , , In Person Term Based; Joseph Konstan ; 1-3 cr.
59538 030 IND, 00:00-00:00 , , In Person Term Based; Rahul Narain ; 3 cr.	59448 018 IND, 00:00-00:00 , , Independent/Directed Study; Rui Kuang ; 1-3 cr.	59486 017 IND, 00:00-00:00 , , In Person Term Based; Vipin Kumar ; 1-3 cr.
59539 031 IND, 00:00-00:00 , , In Person Term Based; Jaideep Srivastava ; 3 cr.	59449 019 IND, 00:00-00:00 , , Independent/Directed Study; Gary Meyer ; 1-3 cr.	59487 018 IND, 00:00-00:00 , , In Person Term Based; Rui Kuang ; 1-3 cr.
59540 032 IND, 00:00-00:00 , , In Person Term Based; 3 cr.	59450 020 IND, 00:00-00:00 , , Independent/Directed Study; Gopalan Nadathur ; 1-3 cr.	59488 019 IND, 00:00-00:00 , , In Person Term Based; Gary Meyer ; 1-3 cr.
59541 033 IND, 00:00-00:00 , , In Person Term Based; Junaed Sattar ; 3 cr.	59451 021 IND, 00:00-00:00 , , Independent/Directed Study; Mohamed Mokbel ; 1-3 cr.	59489 020 IND, 00:00-00:00 , , In Person Term Based; Gopalan Nadathur ; 1-3 cr.
59542 034 IND, 00:00-00:00 , , In Person Term Based; Loren Terveen ; 3 cr.	59452 022 IND, 00:00-00:00 , , Independent/Directed Study; Nikolaos Papanikolopoulos ; 1-3 cr.	59490 021 IND, 00:00-00:00 , , In Person Term Based; Mohamed Mokbel ; 1-3 cr.
59543 035 IND, 00:00-00:00 , , In Person Term Based; Anand Tripathi ; 3 cr.	59453 023 IND, 00:00-00:00 , , Independent/Directed Study; Chad Myers ; 1-3 cr.	59491 022 IND, 00:00-00:00 , , In Person Term Based; Nikolaos Papanikolopoulos ; 1-3 cr.
59544 036 IND, 00:00-00:00 , , In Person Term Based; Eric Van Wyk ; 3 cr.	59454 024 IND, 00:00-00:00 , , Independent/Directed Study; Stephen McCamant ; 1-3 cr.	59492 023 IND, 00:00-00:00 , , In Person Term Based; Chad Myers ; 1-3 cr.
59545 037 IND, 00:00-00:00 , , In Person Term Based; Volkan Isler ; 3 cr.	59455 025 IND, 00:00-00:00 , , Independent/Directed Study; Stergios Roumeliotis ; 1-3 cr.	59493 024 IND, 00:00-00:00 , , In Person Term Based; Stephen McCamant ; 1-3 cr.
59546 038 IND, 00:00-00:00 , , In Person Term Based; Jon Weissman ; 3 cr.	59456 026 IND, 00:00-00:00 , , Independent/Directed Study; Yousef Saad ; 1-3 cr.	59494 025 IND, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis ; 1-3 cr.
59547 039 IND, 00:00-00:00 , , In Person Term Based; Pen-Chung Yew ; 3 cr.	59457 027 IND, 00:00-00:00 , , Independent/Directed Study; Paul Schrater ; 1-3 cr.	59495 026 IND, 00:00-00:00 , , In Person Term Based; Yousef Saad ; 1-3 cr.
59548 040 IND, 00:00-00:00 , , In Person Term Based; Zhi-Li Zhang ; 3 cr.	59458 028 IND, 00:00-00:00 , , Independent/Directed Study; Hyun Soo Park ; 1-3 cr.	59496 027 IND, 00:00-00:00 , , In Person Term Based; Paul Schrater ; 1-3 cr.
59747 041 IND, 00:00-00:00 , , In Person Term Based; Abhishek Chandra ; 3 cr.	59459 029 IND, 00:00-00:00 , , Independent/Directed Study; Shashi Shekhar ; 1-3 cr.	59497 028 IND, 00:00-00:00 , , In Person Term Based; Hyun Soo Park ; 1-3 cr.
59748 042 IND, 00:00-00:00 , , In Person Term Based; Nick Hopper ; 3 cr.	59460 030 IND, 00:00-00:00 , , Independent/Directed Study; Rahul Narain ; 1-3 cr.	59498 029 IND, 00:00-00:00 , , In Person Term Based; Shashi Shekhar ; 1-3 cr.
59749 043 IND, 00:00-00:00 , , In Person Term Based; Antonia Zhai ; 3 cr.	59461 031 IND, 00:00-00:00 , , Independent/Directed Study; Jaideep Srivastava ; 1-3 cr.	59499 030 IND, 00:00-00:00 , , In Person Term Based; Rahul Narain ; 1-3 cr.
60120 044 IND, 00:00-00:00 , , In Person Term Based; Daniel Keefe ; 3 cr.	59462 032 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.	59500 031 IND, 00:00-00:00 , , In Person Term Based; Jaideep Srivastava ; 1-3 cr.
60616 045 IND, 00:00-00:00 , , In Person Term Based; Lana Yarosh ; 3 cr.	59463 033 IND, 00:00-00:00 , , Independent/Directed Study; Junaed Sattar ; 1-3 cr.	59501 032 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
60740 046 IND, 00:00-00:00 , , In Person Term Based; Haiyi Zhu ; 3 cr.	59464 034 IND, 00:00-00:00 , , Independent/Directed Study; Loren Terveen ; 1-3 cr.	59502 033 IND, 00:00-00:00 , , In Person Term Based; Junaed Sattar ; 1-3 cr.
60844 047 IND, In Person Term Based; Qi Zhao ; 3 cr.	59465 035 IND, 00:00-00:00 , , Independent/Directed Study; Anand Tripathi ; 1-3 cr.	59503 034 IND, 00:00-00:00 , , In Person Term Based; Loren Terveen ; 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])	59466 036 IND, 00:00-00:00 , , Independent/Directed Study; Eric Van Wyk ; 1-3 cr.	59504 035 IND, 00:00-00:00 , , In Person Term Based; Anand Tripathi ; 1-3 cr.
58990 001 IND, In Person Term Based; 1-18 cr.	59467 037 IND, 00:00-00:00 , , Independent/Directed Study; Volkan Isler ; 1-3 cr.	59505 036 IND, 00:00-00:00 , , In Person Term Based; Eric Van Wyk ; 1-3 cr.
8888 Thesis Credit: Doctoral (No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)	59468 038 IND, 00:00-00:00 , , Independent/Directed Study; Jon Weissman ; 1-3 cr.	59506 037 IND, 00:00-00:00 , , In Person Term Based; Volkan Isler ; 1-3 cr.
59010 001 IND, In Person Term Based; 1-24 cr.	59469 039 IND, 00:00-00:00 , , Independent/Directed Study; Pen-Chung Yew ; 1-3 cr.	59507 038 IND, 00:00-00:00 , , In Person Term Based; Jon Weissman ; 1-3 cr.
8970 Computer Science Colloquium (S-N or Audit;)	59470 040 IND, 00:00-00:00 , , Independent/Directed Study; Zhi-Li Zhang ; 1-3 cr.	59508 039 IND, 00:00-00:00 , , In Person Term Based; Pen-Chung Yew ; 1-3 cr.
58798 001 LEC, 11:15-12:15 M, Mechanical Engineering 212, In Person Term Based; Rui Kuang ; 1 cr.	59750 041 IND, 00:00-00:00 , , Independent/Directed Study; Abhishek Chandra ; 1-3 cr.	59509 040 IND, 00:00-00:00 , , In Person Term Based; Zhi-Li Zhang ; 1-3 cr.
59227 883 LEC, 11:15-12:15 M, ONLINE, Completely Online; Rui Kuang ; 1 cr.	59751 042 IND, 00:00-00:00 , , Independent/Directed Study; Nick Hopper ; 1-3 cr.	59753 041 IND, 00:00-00:00 , , In Person Term Based; Abhishek Chandra ; 1-3 cr.
8980 Special Advanced Topics in Computer Science (Student Option; Prereq: instr consent)	59752 043 IND, 00:00-00:00 , , Independent/Directed Study; Antonia Zhai ; 1-3 cr.	59754 042 IND, 00:00-00:00 , , In Person Term Based; Nick Hopper ; 1-3 cr.
68008 001 LEC, 13:00-14:15 TTh, Ford Hall 115, In Person Term Based; Nikolaos Papanikolopoulos ; 3 cr.	60121 044 IND, 00:00-00:00 , , Independent/Directed Study; Daniel Keefe ; 1-3 cr.	59755 043 IND, 00:00-00:00 , , In Person Term Based; Antonia Zhai ; 1-3 cr.
68009 002 LEC, 18:30-21:00 M, Akerman Hall 227, In Person Term Based; Feng Qian ; 3 cr.	60617 045 IND, 00:00-00:00 , , In Person Term Based; Lana Yarosh ; 1-3 cr.	60122 044 IND, 00:00-00:00 , , In Person Term Based; Daniel Keefe ; 1-3 cr.
68010 003 LEC, 11:15-12:30 TTh, Kolthoff Hall 139, In Person Term Based; Jon Weissman ; 3 cr.	60741 046 IND, 00:00-00:00 , , In Person Term Based; Haiyi Zhu ; 1-3 cr.	60618 045 IND, 00:00-00:00 , , In Person Term Based; Lana Yarosh ; 1-3 cr.
8991 Independent Study (Student Option; Prereq: instr consent)	60845 047 IND, In Person Term Based; Qi Zhao ; 1-3 cr.	60742 046 IND, 00:00-00:00 , , In Person Term Based; Haiyi Zhu ; 1-3 cr.
58790 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.	8994 Directed Research in Computer Science (Student Option; Prereq: instr consent)	60846 047 IND, In Person Term Based; Qi Zhao ; 1-3 cr.
59432 002 IND, 00:00-00:00 , , Independent/Directed Study; Daniel Boley ; 1-3 cr.	58791 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.	
59433 003 IND, 00:00-00:00 , , Independent/Directed Study; John Carlis ; 1-3 cr.	59471 002 IND, 00:00-00:00 , , In Person Term Based; Daniel Boley ; 1-3 cr.	
59434 004 IND, 00:00-00:00 , , Independent/Directed Study; Arindam Banerjee ; 1-3 cr.	59472 003 IND, 00:00-00:00 , , In Person Term Based; John Carlis ; 1-3 cr.	
59435 005 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.	59473 004 IND, 00:00-00:00 , , In Person Term Based; Arindam Banerjee ; 1-3 cr.	
59436 006 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.	59474 005 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.	
59437 007 IND, 00:00-00:00 , , Independent/Directed Study; David Du ; 1-3 cr.	59475 006 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.	
59438 008 IND, 00:00-00:00 , , Independent/Directed Study; Tian He ; 1-3 cr.	59476 007 IND, 00:00-00:00 , , In Person Term Based; David Du ; 1-3 cr.	
59439 009 IND, 00:00-00:00 , , Independent/Directed Study; Maria Gini ; 1-3 cr.	59477 008 IND, 00:00-00:00 , , In Person Term Based; Tian He ; 1-3 cr.	
59440 010 IND, 00:00-00:00 , , Independent/Directed Study; Mats Heimdahl ; 1-3 cr.	59478 009 IND, 00:00-00:00 , , In Person Term Based; Maria Gini ; 1-3 cr.	

Conservation Sciences (CONS)

8001 Conservation Biology Seminar

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

56371 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)

56486 001 DIS, 00:00-00:00 , , In Person Term Based; Daniel Larkin ; 1 cr.

8333 FTE: Master's

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

56376 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

(Student Option; Prereq: Jr or sr or grad student; or instructor consent)

49153 001 LEC, Completely Online; Robin Austin ; 3 cr.
49218 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)

49164 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)

49166 001 LEC, 15:30-18:20 M, Mayo Bldg & Additions 1250, In Person Term Based; Craig Hassel ; 3 cr.

5118 Whole Person, Whole Community: The Reciprocity of Wellbeing

(Student Option No Audit;)

49293 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)

49281 001 LEC, 17:30-20:00 W, Weaver-Densford Hall W2-110, 17:30-20:00 W, Weaver-Densford Hall W2-110, 17:30-20:00 W, Weaver-Densford Hall W2-110, Partially Online; John Miller ; 2 cr.

5201 Spirituality and Resilience

(Student Option; Prereq: Jr or sr or grad student or instr consent)

49156 001 LEC, 16:30-20:00 W, McNeal Hall 395, 9:00-16:00 Sa, McNeal Hall 395, 16:30-20:00 W, McNeal Hall 395, 9:00-16:00 Sa, McNeal Hall 395, 16:30-20:00 W, McNeal Hall 395, 16:30-20:00 W, McNeal Hall 395, 16:30-20:00 W, McNeal Hall 395, 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)

49259 001 LEC, 18:00-21:00 F, Mayo Bldg B393 Meditation Rm, 9:00-16:00 Sa, Moos Health Sci Tower 1-430, 9:00-16:00 Sa, Moos Health Sci Tower 1-430, 9:00-16:00 Sa, Moos Health Sci Tower 1-430, 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)

49161 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.

49204 002 LEC, In Person Term Based; MaryJo Kreitzer ; 1 cr.

5303 Pain Management and Evidence Based Complementary Health Approaches

(A-F only; Prerequisite: Graduate or Professional program student.)

68050 001 LEC, Completely Online; Roni Evans, Gert Bronfort ; 3 cr.

5305 Introduction to Integrative Mental Health

(Student Option; Prerequisite: Graduate or Professional student. This course focuses on introducing students to the concept of integrative mental health (IMH). Definitions of IMH, the history and background of the concept, and how it relates to psychiatric care and health care in general will be explored. Students will explore and practice risk-benefit profiles of different modalities in the context of evidence-based mental health care. An emphasis will be placed on the connection between physical and mental health and how that can be approached from an integrative perspective. Topics such as mindfulness and mental health, nutrition and mental health, herbs and supplements in psychiatric care, and the role of functional medicine in IMH will be covered, as well as how psychotherapy and psychotropic

medications fit in the IMH framework. Students will review the current diagnostic system for mental health disorders and that can both help and hinder an integrative approach to mental health care. Integrative approaches for assessing mental health concerns will be reviewed, and how to use these approaches alongside a traditional medical approach for maximum benefit will be explored. Students will further review specific modalities for mental health and wellbeing that are less focused on specific systems and more focused on holism and the interplay of systems. Students will also identify and explore different ways of viewing mental health and wellbeing based on cultural and geographical issues, and how these may impact the approaches.)

68723 001 LEC, Completely Online; Gisli Kristofersson ; 2 cr.

5311 Introduction to Traditional Chinese Medicine

(A-F or Audit; Prereq: Jr or sr or grad student or instr consent)

67453 001 LEC, 8:00-17:00 SaSu, Mayo Bldg B393 Meditation Rm, Primarily Online; Portia Richardson ; 2 cr.

5313 Acupressure

(Student Option;)

49291 001 LEC, 8:00-17:00 SaSu, Mayo Bldg B393 Meditation Rm, Primarily 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)

49261 001 LEC, Completely Online; Miriam Cameron ; 2 cr.

5317 Yoga: Ethics, Spirituality, and Healing

(Student Option;)

49220 001 LEC, Completely Online; Katie Schuver ; 2 cr.

5343 Ayurveda Medicine: The Science of Self-healing

(Student Option;)

49221 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)

49212 001 LEC, 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)

49163 001 LEC, 15:35-17:30 T, Moos Health Sci Tower 2-520, In Person Term Based; Carolyn Denton ; 2 cr.

5503 Aromatherapy Fundamentals

(Student Option; Prereq: Jr or sr or grad student)

49252 001 LEC, Completely Online; Janet Tomaino ; 1 cr.

5535 Reiki Healing

(S-N only; Prereq: Jr or sr or grad student or instr consent)

49165 001 LEC, 9:00-17:00 SaSu, Mayo Bldg B393 Meditation Rm, In Person Term Based; Deborah Ringdahl ; 1 cr.

67452 002 LEC, 9:00-17:00 FSa, 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)

49160 001 LEC, 15:00-21:00 F, Weaver-Densford Hall W2120, 9:00-17:00 Sa, Weaver-Densford Hall W2120, 9:00-17:00 F, Weaver-Densford Hall W2120, 9:00-17:00 Sa, Weaver-Densford Hall W2120, In Person Term Based; Barbara Nordstrom-Loeb ; 2 cr.

5631 Healing Imagery I

(Student Option; Prereq: Jr or sr or grad student)

49213 001 LEC, Completely Online; Susan Thompson ; 2 cr.

5642 Nature Heals: An Introduction to Nature-Based Therapeutics

(Student Option;)

49260 001 LEC, Completely 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.)

49179 001 LEC, 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])

49197 001 LEC, 18:00-21:00 M, AHC ROOM TBA, 18:00-21:00 M, AHC ROOM TBA, 18:00-21:00 M, AHC ROOM TBA, 18:00-21:00 M, AHC ROOM TBA, Primarily Online; Deborah Olson, Theresa Nutt ; 2 cr.

5708 Mind-Body Science and the Art of Transformation

(Student Option;)

49250 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.)

49276 001 LEC, 9:00-17:00 T, Phillips-Wangenstn Bldg 6-224, Primarily Online; Theresa Nutt, Deborah Olson ; 2 cr.

5806 Wellbeing and Resiliency for Health Professionals

(Student Option;)

49262 001 LEC, Completely Online; Kate Hathaway ; 1 cr.

5807 Mindfulness in the Workplace: Pause, Practice, Perform

(Student Option;)

49310 001 LEC, Completely Online; Alex Haley ; 2 cr.

5905 Food Matters: Cook Like Your Life Depends On It

(Student Option;)

49278 001 LEC, 16:00-19:00 F, AHC ROOM TBA, 9:00-17:00 SaSu, AHC ROOM TBA, In Person Term Based; Kate Shafto, Jennifer Breen ; 1 cr.
49279 002 LEC, 18:00-21:00 M, 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)

68280 001 IND, In Person Term Based; Deborah Ringdahl ; 1-6 cr.

Cultural Study/Comparative Lit (CSCL)

1001 Introduction to Cultural Studies:

Rhetoric, Power, Desire

(Student Option; AH,DSJ)

52063 001 LEC, 9:45-11:00 TTh, Fraser Hall 101, In Person Term Based; Keya Ganguly ; 3 cr.

1101 Literature

(Student Option; LITR)

52387 001 LEC, 12:45-14:00 TTh, Nicholson Hall 155, In Person Term Based; Tony C. Brown ; 4 cr.

1201W Cinema

(Student Option; AH,WI)

53320 001 LEC, 9:05-12:05 F, Nicholson Hall 155, In Person Term Based; Meets With: 001 SCMC 1201W; Michelle Lekas ; 4 cr.
55047 002 DIS, 9:05- 9:55 T, Bruininks Hall 119, In Person Term Based; Meets With: 002 SCMC 1201W; Drishadwati Bargi ; 4 cr.
55048 003 DIS, 10:10-11:00 T, Bruininks Hall 119, In Person Term Based; Meets With: 003 SCMC 1201W; Drishadwati Bargi ; 4 cr.

Curriculum and Instruction (CI)

- 55049 004 DIS, 10:10-11:00 Th, Kolthoff Hall 138, In Person Term Based; Meets With: 004 SCMC 1201W; Joseph Nelson ; 4 cr.
- 55050 005 DIS, 10:10-11:00 W, Nicholson Hall 335, In Person Term Based; Meets With: 005 SCMC 1201W; Xiaoli Yang ; 4 cr.
- 55277 006 DIS, 11:15-12:05 W, Nicholson Hall 335, In Person Term Based; Meets With: 006 SCMC 1201W; Xiaoli Yang ; 4 cr.

1202W Media: Word, Image, Sound

(Student Option; AH,WI,TS)

- 55051 001 LEC, 11:15-12:30 TTh, Bruininks Hall 330, In Person Term Based; Meets With: 001 SCMC 1202W; Meredith Gill ; 4 cr.
- 55052 002 DIS, 9:05- 9:55 M, Bruininks Hall 119, In Person Term Based; Meets With: 002 SCMC 1202W; Soyi Kim, Zosha Winegar-Schultz ; 4 cr.
- 55053 003 DIS, 10:10-11:00 M, Bruininks Hall 119, In Person Term Based; Meets With: 003 SCMC 1202W; Soyi Kim ; 4 cr.
- 55054 004 DIS, 9:05- 9:55 F, Nicholson Hall 345, In Person Term Based; Meets With: 004 SCMC 1202W; Cole Pulice ; 4 cr.
- 55055 005 DIS, 10:10-11:00 F, Nicholson Hall 345, In Person Term Based; Meets With: 005 SCMC 1202W; Cole Pulice ; 4 cr.
- 68272 006 DIS, 9:05- 9:55 W, Bruininks Hall 119, In Person Term Based; Meets With: 006 SCMC 1202W; Zosha Winegar-Schultz ; 4 cr.

1301W Reading Culture: Theory and Practice

(Student Option; AH,WI)

- 54539 001 LEC, 8:15- 9:30 MW, Nicholson Hall 345, In Person Term Based; Jeremy Meckler ; 3 cr.
- 54540 002 LEC, 11:15-12:05 MWF, Nicholson Hall 145, In Person Term Based; Isaac Vayo ; 3 cr.
- 54545 003 LEC, 9:45-11:00 TTh, Nicholson Hall 355, In Person Term Based; Zosha Winegar-Schultz ; 3 cr.

1401W Reading Literature: Theory and Practice

(Student Option; LITR,WI)

- 54541 001 LEC, 8:15- 9:30 MW, Nicholson Hall 125, In Person Term Based; Ian White ; 3 cr.
- 54542 002 LEC, 10:10-11:00 MWF, Bruininks Hall 117, In Person Term Based; Eva Hudcovova ; 3 cr.
- 54543 003 LEC, 16:00-17:15 TTh, Folwell Hall 123, In Person Term Based; Dzmirty Tsapkou ; 3 cr.
- 54544 004 LEC, 18:20-20:50 W, Nicholson Hall 345, In Person Term Based; Kyle Baasch ; 3 cr.
- 55278 005 LEC, 14:30-15:20 MWF, Folwell Hall 31, In Person Term Based; Eva Hudcovova ; 3 cr.
- 68328 006 LEC, 14:30-15:45 TTh, Burton Hall 125, In Person Term Based; Thomas David ; 3 cr.
- 68674 007 LEC, 14:30-15:45 MW, Folwell Hall 32, In Person Term Based; Thomas Pepper ; 3 cr.

1501W Reading History: Theory and Practice

(Student Option; HIS,WI)

- 52652 001 LEC, 11:15-12:30 TTh, Nicholson Hall 345, In Person Term Based; Heidar Azodanloo ; 3 cr.
- 55622 003 LEC, 9:45-11:00 MW, Kolthoff Hall 134, In Person Term Based; Igor Tchoukarine ; 3 cr.

3120 Poetry as Cultural Critique

(Student Option;)

- 64779 001 DIS, 12:45-14:00 TTh, Civil Engineering Bldg 214, In Person Term Based; Erin Trapp ; 3 cr.

3122 Reading Literary Movements

(Student Option; LITR)

- 66525 001 LEC, 9:45-11:00 MW, Nicholson Hall 145, In Person Term Based; Erin Trapp ; 3 cr.

3130W Colonial and Postcolonial Literatures and Theory: 1700 to the Present

(Student Option; GP,WI,LITR)

- 66526 001 LEC, 9:45-11:00 MW, Ford Hall 170, In Person Term Based; Christian Uwe ; 3 cr.

3220W Screen Cultures

(Student Option; AH,WI,TS)

- 55303 001 LEC, 11:15-12:30 TTh, , In Person Term Based; Meets With: 001 SCMC 3220W; Graeme Stout ; 3 cr.

3221 On Television

(Student Option; CIV)

- 53280 001 LEC, 13:00-14:15 TTh, Peik Hall 28, In Person Term Based; Brad Stiffler ; 3 cr.

3231 Comedy: Text and Theory

(Student Option; AH)

- 54447 001 LEC, 12:45-14:00 TTh, Elliott Hall N119, In Person Term Based; Matthew Hadley ; 3 cr.

3250 Music as Discourse

(Student Option; AH)

- 55671 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)

- 53386 001 LEC, 14:30-15:45 TTh, Nicholson Hall 110, In Person Term Based; Erin Trapp ; 3 cr.

3334 Monsters, Robots, Cyborgs

(Student Option; LITR)

- 53554 001 LEC, 13:00-14:15 MW, Anderson Hall 310, In Person Term Based; Meredith Gill ; 3 cr.

3335 Aliens: Science Fiction to Social Theory

(Student Option; DSJ)

- 54500 001 LEC, 11:15-12:30 MW, Nicholson Hall 110, In Person Term Based; Matthew Hadley ; 3 cr.

3350W Sexuality and Culture

(Student Option; DSJ,WI)

- 54232 002 LEC, 14:30-15:45 MW, Nicholson Hall 125, In Person Term Based; Michelle Lekas ; 3 cr.

3351W The Body and the Politics of Representation

(Student Option; HIS,WI)

- 54547 001 LEC, 9:45-11:00 MW, Nicholson Hall 110, In Person Term Based; Matthew Hadley ; 3 cr.

3352W Queer Aesthetics & Queer Critique

(Student Option; DSJ,WI,LITR)

- 66982 001 LEC, 9:45-11:00 MW, Nicholson Hall 315, In Person Term Based; Andrea Gyenge ; 3 cr.

3353 Contemporary Sub-Saharan African Popular Art Forms

(A-F only;)

- 68501 001 LEC, In Person Term Based; 3 cr.

3405 Marx for Today

(Student Option; AH,DSJ)

- 55369 001 LEC, 13:00-14:15 TTh, Kolthoff Hall 139, In Person Term Based; Meredith Gill ; 3 cr.

3993 Directed Study

(Student Option; Prereq-instr consent, dept consent, college consent.)

- 53240 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

4993 Directed Study

(A-F or Audit;)

- 53420 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

5401 Origins of Cultural Studies

(Student Option;)

- 64776 001 LEC, 14:30-15:45 TTh, Lind Hall 303, In Person Term Based; Meets With: 001 ENGL 5501001 CL 5401001 CSDS 5401; Timothy Brennan ; 3 cr.

5555 Introduction to Semiotics

(Student Option;)

- 55488 001 LEC, 11:15-12:30 TTh, Scott Hall 4, In Person Term Based; Meets With: 001 CSDS 5555001 CL 5555; Thomas Pepper ; 3 cr.

5666 Film Music: Theory, History, Practice

(A-F only;)

- 66527 001 DIS, 13:00-15:00 Th, Appleby Hall 102, 15:45-17:45 W, Folwell Hall 106, In Person Term Based; Matthew Henseler, Matthew Hensler ; 4 cr.

5944H Honors Thesis

(A-F only; Prereq: Candidate for honors in CSCL, consent of CSCL honors adviser)

- 53099 001 IND, 00:00-00:00 , , In Person Term Based; 3 cr.

5993 Directed Study

(Student Option; Prereq-instr consent, dept consent, college consent.)

- 52410 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

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)

- 51153 001 LEC, 13:25-15:20 MW, Appleby Hall 302, In Person Term Based; Meets With: 001 CI 1871; Douglas Robertson ; 0 cr.
- 51154 002 LEC, 9:05-11:00 TTh, Appleby Hall 302, In Person Term Based; Meets With: 002 CI 1871; Douglas Robertson ; 0 cr.
- 51276 003 LEC, 13:25-15:20 TTh, Appleby Hall 302, In Person Term Based; Meets With: 003 CI 1871; Douglas Robertson ; 0 cr.
- 51403 004 LEC, Completely Online; Douglas Robertson ; 0 cr.

1001 Introduction to the Elementary School (A-F or Audit;)

- 50663 001 LEC, 9:45-11:00 TTh, Peik Hall 365, In Person Term Based; Annie Mason ; 3 cr.
- 50697 002 LEC, 11:15-12:30 TTh, Peik Hall 385, In Person Term Based; Asha Omar ; 3 cr.
- 51077 003 LEC, 13:00-14:15 TTh, Peik Hall 325, In Person Term Based; Younkung Hong ; 3 cr.

1032 Creating Identities: Learning In and Through the Arts

(Student Option; AH)

- 51712 001 LAB, 9:05-11:00 MW, Peik Hall 40, In Person Term Based; Betsy Maloney Leaf ; 4 cr.
- 51713 002 LAB, 11:15-13:10 MW, Appleby Hall 201, In Person Term Based; Samuel Peck ; 4 cr.
- 51714 003 LAB, 13:25-15:20 MW, Appleby Hall 201, In Person Term Based; Danielle Christensen ; 4 cr.
- 51715 005 LAB, 11:15-13:10 TTh, Appleby Hall 201, In Person Term Based; Linda Buturian ; 4 cr.
- 51875 004 LAB, 9:05-11:00 TTh, Appleby Hall 201, In Person Term Based; Linda Buturian ; 4 cr.

1121 Educational Movements Past and Present: Multicultural Perspectives

(Student Option; DSJ,HIS)

- 51716 001 LEC, 9:05-11:00 MW, Bruininks Hall 420B, In Person Term Based; Micah Laz Davis ; 4 cr.
- 51717 002 LEC, 12:20-14:15 TTh, Keller Hall 2-260, In Person Term Based; Robert Poch ; 4 cr.

1124 Global Stories of Education: Literature for Young Adults

(Student Option; GP,LITR)

- 51718 001 DIS, 8:15- 9:30 MW, Peik Hall 365, In Person Term Based; Elise Toedt ; 3 cr.
- 51719 002 DIS, 9:45-11:00 MW, Peik Hall 365, In Person Term Based; Kris Cory ; 3 cr.
- 51720 004 DIS, 8:15- 9:30 TTh, Peik Hall 365, In Person Term Based; Julio Vega Cedeno ; 3 cr.
- 51880 003 DIS, 14:30-15:45 MW, Peik Hall 385, In Person Term Based; Abby Boehm-Turner ; 3 cr.
- 51924 005 DIS, 11:15-12:30 TTh, Peik Hall 365, In Person Term Based; Kristin Bauck ; 3 cr.
- 66435 006 DIS, 14:30-15:45 TTh, Peik Hall 365, In Person Term Based; Linda Buturian ; 3 cr.
- 67264 007 DIS, 9:45-11:00 TTh, Nicholson Hall 345, In Person Term Based; Julio Vega Cedeno ; 3 cr.

1563 Physics by Inquiry

(Student Option; PHYS)

- 51748 002 LAB, 16:40-20:15 M, Bruininks Hall 131B, In Person Term Based; Travis Churchward ; 4 cr.
- 51921 001 LAB, 14:30-16:25 MW, Bruininks Hall 131B, In Person Term Based; Paula Rozowa ; 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)

- 51721 001 LEC, 8:15- 9:30 MW, Peik Hall 335, In Person Term Based; Bismark Akoto ; 3 cr.
- 51722 002 LEC, 13:00-14:15 MW, Peik Hall 375, In Person Term Based; Bismark Akoto ; 3 cr.
- 51723 003 LEC, 9:45-11:00 TTh, Peik Hall 215, In Person Term Based; Dexter Lim ; 3 cr.

1826 Social Change, Social Justice: An Introduction to Applied Calculus

(Student Option; Prerequisites: four years high school math OR grade of at least B+ in CI 0832 or PSTL 0732 OR placement test score OR instructor consent. MATH)

- 66436 001 LEC, 14:30-15:45 MW, Peik Hall 335, In Person Term Based; Susan Staats ; 3 cr.

1871 Computer Literacy and Problem Solving

(Student Option;)
 51676 001 LAB, 13:25-15:20 MW, Appleby Hall 302, In Person Term Based; Meets With: 001 CI 832; Douglas Robertson ; 4 cr.
 51677 002 LAB, 9:05-11:00 TTh, Appleby Hall 302, In Person Term Based; Meets With: 002 CI 832; Douglas Robertson ; 4 cr.
 51678 003 LAB, 13:25-15:20 TTh, Appleby Hall 302, In Person Term Based; Meets With: 003 CI 832; Douglas Robertson ; 4 cr.
 51679 004 LAB, Completely Online; Douglas Robertson ; 4 cr.

1943W Science, Technology, and Society

(Student Option; TS,WI)
 66438 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)
 51030 001 LEC, Completely Online; Robert Kremel ; 3 cr.
 51051 002 LEC, Completely Online; Jennifer Englund ; 3 cr.
 51263 003 LEC, Completely Online; Jennifer Englund ; 3 cr.
 51347 004 LEC, Completely Online; Sarah Barksdale ; 3 cr.

2312 Sex, Drugs, and the Internet: Educational Perspectives

(A-F only;)
 51289 001 DIS, Completely Online; Fan Zheng ; 3 cr.
 51290 002 DIS, Completely Online; Fan Zheng ; 3 cr.

3001 Engaged Arts Learning in Elementary Classrooms

(A-F or Audit;)
 51268 001 LAB, 9:05-11:00 W, Appleby Hall 201, In Person Term Based; Samuel Peck ; 2 cr.
 51269 002 LAB, 9:05-11:00 F, Peik Hall 40, In Person Term Based; Heather Delisle ; 2 cr.
 51873 003 LAB, 11:30-13:25 F, Peik Hall 40, In Person Term Based; Danielle Christensen ; 2 cr.

3101 Issues in Urban Education

(Student Option;)
 66439 001 LEC, 12:20-14:15 WF, Peik Hall 48, In Person Term Based; Abigail Rombalski ; 3 cr.

3211 Introduction to Elementary Teaching

(A-F only; Prereq: [Elementary ed or early childhood ed foundations major], concurrent practicum experience)
 51225 001 DIS, 8:30-11:00 T, Peik Hall 355, In Person Term Based; Cynthia Zwicky ; 3 cr.
 51226 002 DIS, 8:30-11:00 T, Peik Hall 40, In Person Term Based; Meghan Phadke ; 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)
 51213 001 FWK, 7:45-11:45 WF, No Room Required, 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)
 51214 001 FWK, 8:00-12:00 TTh, No Room Required, In Person Term Based; Cynthia Zwicky ; 2 cr.

3342 Social Media & Connected Learning

(A-F only;)
 68108 001 DIS, Completely Online; Angelica Pazurek ; 3 cr.

3401W Diversity in Children's Literature

(A-F or Audit; WI)
 51041 001 LEC, 12:20-15:00 M, Peik Hall 365, In Person Term Based; Laura Lemanski ; 3 cr.
 51150 002 LEC, 12:20-15:00 W, Peik Hall 365, In Person Term Based; Denise Huynh ; 3 cr.
 51151 003 LEC, 15:35-18:15 W, Peik Hall 225, In Person Term Based; Nicholas Kleese ; 3 cr.

3421W Writing on Education: Pivotal Experiences of Teaching and Learning

(Student Option; WI)
 66437 001 DIS, 11:15-13:10 MW, Peik Hall 225, In Person Term Based; Kris Cory ; 4 cr.

3610 Linguistics for Teachers

(A-F only; SOCS)
 51316 001 LEC, 9:45-11:00 MW, Peik Hall 325, In Person Term Based; Margaret Buchanan ; 3 cr.
 51317 002 LEC, 14:30-15:45 MW, Peik Hall 48, In Person Term Based; Margaret Buchanan ; 3 cr.
 51550 003 LEC, 11:15-12:30 TTh, Peik Hall 355, In Person Term Based; Kendall King ; 3 cr.
 66440 004 LEC, 14:30-15:45 TTh, Peik Hall 325, In Person Term Based; Amanda Swearingen ; 3 cr.

3611W Basics in Teaching English as a Second Language

(Student Option No Audit; Prereq: Have studied another language.WI)
 51496 003 LEC, 14:30-16:25 TTh, Peik Hall 385, Partially Online; Laura Lowe ; 4 cr.
 51497 002 LEC, 10:10-12:05 TTh, Peik Hall 31, In Person Term Based; Janet Stewart ; 4 cr.
 51551 001 LEC, 14:30-16:25 MW, Peik Hall 46, In Person Term Based; Mengying Liu ; 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)
 51498 001 LEC, 10:10-12:05 MW, Peik Hall 48, In Person Term Based; Suzanne Mccurdy ; 4 cr.
 51499 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;)
 51500 001 LEC, 13:00-14:15 MW, Peik Hall 46, In Person Term Based; Amanda Swearingen ; 3 cr.
 51874 002 LEC, 11:15-12:30 TTh, Peik Hall 40, Partially Online; Saern Heo ; 3 cr.

3902 Exploring the Teaching Profession II

(A-F only; Prereq: CI 3901, admission to DirecTrack to Teaching or department consent)
 51179 001 LEC, 17:00-20:00 T, Peik Hall 165, In Person Term Based; Jehanne Beaton ; 2 cr.
 66441 002 LEC, 17:00-20:00 T, Peik Hall 165, In Person Term Based; Jehanne Beaton ; 2 cr.

3993 Directed Study: Curriculum and Instruction

(Student Option No Audit; Prereq instr consent.)
 68557 001 IND, In Person Term Based; 1-6 cr.

4121 Culture Power and Education

(A-F only;)
 51614 001 DIS, 16:40-19:20 W, Peik Hall 46, In Person Term Based; Alissa Case ; 3 cr.
 51903 002 DIS, 8:30-11:00 Th, Peik Hall 355, In Person Term Based; Alissa Case ; 3 cr.
 67713 003 DIS, 8:30-11:00 F, Peik Hall 355, In Person Term Based; Alissa Case ; 3 cr.

4122 Social Class Education and Pedagogy

(A-F only;)
 51615 001 DIS, 16:40-19:20 M, Peik Hall 325, In Person Term Based; Colleen Clements ; 3 cr.
 51902 002 DIS, 16:40-19:20 T, Peik Hall 355, In Person Term Based; Ryan Kiesel ; 3 cr.

4311W Technology and Ethics in Society

(Student Option; CIV,WI)
 51208 001 LEC, Completely Online; Angelica Pazurek ; 3 cr.
 51209 002 LEC, Completely Online; Jolie Kennedy ; 3 cr.
 66442 003 LEC, Completely Online; Valerie Barbaro ; 3 cr.

4312 Sex, Drugs, and the Internet: Educational Perspectives

(A-F only;)
 51291 001 DIS, Completely Online; Matti Koivula ; 3 cr.
 66443 002 DIS, Completely Online; 3 cr.

4602 English Learners and Academic Language

(A-F only;)
 51622 001 DIS, 9:00-15:00 Sa, Bruininks Hall 114, Primarily Online; Gina Keenan ; 1 cr.
 51623 002 DIS, 9:00-15:00 Sa, Bruininks Hall 114, Primarily Online; Gina Keenan ; 1 cr.

5008 Theory and Practice of Arts Teaching

(A-F or Audit;)
 51686 001 LEC, 9:30-12:30 MWF, Peik Hall 40, In Person Term Based; Timothy Babulski ; 1-2 cr.

5097 Student Teaching in Arts Education

(S-N or Audit;)
 51350 001 FWK, 16:40-19:20 M, Peik Hall 40, In Person Term Based; Betsy Maloney Leaf ; 8 cr.

5116 Action Research in Educational Settings

(A-F or Audit;)
 51724 001 LEC, 16:40-19:20 M, Peik Hall 48, In Person Term Based; Susan Staats ; 3 cr.

5155 Contemporary Approaches to Curriculum: Instruction and Assessment

(A-F or Audit; Prereq: Grad students only)
 51637 001 LEC, 16:40-19:20 M, Peik Hall 355, In Person Term Based; 3 cr.

5186 School-Related Projects

(A-F or Audit; Prereq: MEd student)
 51309 001 IND, Independent/Directed Study; James Bequette ; 1-4 cr.
 51310 002 IND, Independent/Directed Study; 1-4 cr.
 51468 003 IND, In Person Term Based; Aaron Doering, Angelica Pazurek, Cassandra Scharber, Bodong Chen, Matti Koivula ; 1-4 cr.
 51469 004 IND, In Person Term Based; Timothy Lensmire, Lori Helman, David O'Brien ; 1-4 cr.
 51470 005 IND, In Person Term Based; Barbara Billington, Bhaskar Upadhyay, Gillian Roehrig ; 1-4 cr.
 51471 006 IND, In Person Term Based; Martha Bigelow, Kendall King, Mary Hermes, Samuel David, Blanca Caldas Chumbes ; 1-4 cr.
 51472 007 IND, In Person Term Based; Patricia Avery, J.B. Mayo ; 1-4 cr.
 51473 008 IND, In Person Term Based; Lesa Clarkson, Terrence Wyberg, Thomas Post ; 1-4 cr.

5190 Directed Individual Study in Curriculum and Instruction

(Student Option; Prereq: Grad student, instr consent)
 51466 001 IND, Independent/Directed Study; James Bequette, Betsy Maloney Leaf ; 1-6 cr.
 51474 002 IND, In Person Term Based; 1-6 cr.
 51475 003 IND, In Person Term Based; 1-6 cr.
 51476 004 IND, In Person Term Based; 1-6 cr.
 51477 005 IND, In Person Term Based; 1-6 cr.
 51478 006 IND, In Person Term Based; 1-6 cr.
 51479 007 IND, In Person Term Based; 1-6 cr.
 51480 008 IND, In Person Term Based; 1-6 cr.

5212 Elementary Education Content and Pedagogy II

(A-F only;)
 66620 200 DIS, In Person Term Based; 3 cr.

5213 Elementary Education Content and Pedagogy III

(A-F only;)
 66621 300 DIS, Partially Online; 3 cr.

5215 Elementary Education Content and Pedagogy V

(A-F only;)
 68281 300 DIS, In Person Term Based; Stephanie Owen ; 2 cr.

5285 Clinical Experience in Elementary School Teaching

(S-N only; Prereq: M.Ed./Elementary education initial licensure students)
 51311 001 FWK, In Person Term Based; Jana LoBello ; 12 cr.
 51361 002 FWK, In Person Term Based; Jana LoBello ; 12 cr.
 51362 003 FWK, In Person Term Based; Jana LoBello ; 12 cr.
 51734 004 FWK, In Person Term Based; Jana LoBello ; 12 cr.

5286 Student Teaching Seminar: Elementary Education

(A-F only; Prereq: M.Ed./Elementary education initial licensure only)
 51312 001 LEC, 16:40-19:20 T, Peik Hall 325, In Person Term Based; Jeff Henning-Smith ; 3 cr.
 51313 002 LEC, 16:40-19:20 W, Peik Hall 325, In Person Term Based; Jana LoBello ; 3 cr.
 51314 003 LEC, 16:40-19:20 T, Peik Hall 385, In Person Term Based; Cynthia Zwicky ; 3 cr.
 51735 004 LEC, 16:40-19:20 W, Peik Hall 215, In Person Term Based; Annie Mason ; 3 cr.

5287 Capstone Project: Improvement of Teaching in Elementary and Pre-Kindergarten Schools

(A-F only; Prereq: M.Ed./elementary education initial licensure student)
 51467 001 FWK, 16:40-19:20 Th, Peik Hall 28, 16:40-19:20 Th, Peik Hall 28, 16:40-19:20 Th, Peik Hall 28, Primarily Online; Meets With: 003 CI 5287; Elizabeth Stretch, Jeff Henning-Smith ; 3 cr.
 51483 002 FWK, 16:40-19:20 M, Peik Hall 28, 16:40-19:20 M, Peik Hall 28, 16:40-19:20 M, Peik Hall 28, Primarily Online; Meets With: 004 CI 5287; Justine Kim, Jeff Henning-Smith ; 3 cr.
 51484 003 FWK, 16:40-19:20 Th, Peik Hall 28, 16:40-19:20 Th, Peik Hall 28, 16:40-19:20 Th, Peik Hall 28, Primarily Online; Meets With: 001 CI 5287; Elizabeth Stretch, Jeff Henning-Smith ; 3 cr.
 51736 004 FWK, 16:40-19:20 M, Peik Hall 28, 16:40-19:20 M, Peik Hall 28, 16:40-19:20 M, Peik Hall 28, Primarily Online; Meets With: 002 CI 5287; Justine Kim, Jeff Henning-Smith ; 3 cr.

5301 Foundations of Computer Applications for Business and Education (A-F only;)

51232 001 DIS, Completely Online; Jolie Kennedy ; 3 cr.
 51233 002 DIS, Completely Online; Bodong Chen ; 3 cr.
 51234 003 DIS, Completely Online; Hong Shui ; 3 cr.
 51481 004 DIS, Completely Online; Hong Shui ; 3 cr.
 51689 005 DIS, Completely Online; Rukmini Manasa Avadhanam ; 3 cr.

5307 Technology for Teaching and Learning

(A-F or Audit; Prereq: [MEd/initial licensure or CLA music ed major or preteaching major or instr consent], basic computer skills)

50536 001 LAB, 16:40-19:20 Th, Lrng & Environmental Sci R260, 16:40-19:20 Th, Lrng & Environmental Sci R260, 16:40-19:20 Th, Lrng & Environmental Sci R260, 16:40-19:20 Th, Lrng & Environmental Sci R260, 16:40-19:20 Th, Lrng & Environmental Sci R260, 16:40-19:20 Th, Lrng & Environmental Sci R260, Partially Online; Angela Kalthoff ; 1.5 cr.
 50537 002 LAB, 16:40-19:20 W, Lrng & Environmental Sci R260, 16:40-19:20 W, Lrng & Environmental Sci R260, 16:40-19:20 W, Lrng & Environmental Sci R260, 16:40-19:20 W, Lrng & Environmental Sci R260, 16:40-19:20 W, Lrng & Environmental Sci R260, 16:40-19:20 W, Lrng & Environmental Sci R260, Partially Online; Robert Olson ; 1.5 cr.
 50538 003 LAB, 16:40-19:20 W, Lrng & Environmental Sci R250, 16:40-19:20 W, Lrng & Environmental Sci R250, 16:40-19:20 W, Lrng & Environmental Sci R250, 16:40-19:20 W, Lrng & Environmental Sci R250, 16:40-19:20 W, Lrng & Environmental Sci R250, 16:40-19:20 W, Lrng & Environmental Sci R250, Partially Online; 1.5 cr.
 50787 004 LAB, 16:40-19:20 M, Lrng & Environmental Sci R260, 16:40-19:20 M, Lrng & Environmental Sci R260, 16:40-19:20 M, Lrng & Environmental Sci R260, 16:40-19:20 M, Lrng & Environmental Sci R260, 16:40-19:20 M, Lrng & Environmental Sci R260, 16:40-19:20 M, Lrng & Environmental Sci R260, Partially Online; Dave Lostetter ; 1.5 cr.

5325 Designing and Developing Online Distance Learning

(A-F or Audit; Prereq: 5351 or 5362 recommended)
 66581 001 LEC, Completely Online; Angelica Pazurek ; 3 cr.

5331 Introduction to Learning Technologies

(A-F or Audit;)
 51772 001 LEC, Completely Online; Aaron Doering ; 3 cr.

5361 Teaching and Learning with the Internet

(Student Option;)
 50596 001 LEC, Completely Online; Jolie Kennedy ; 2-3 cr.

5362 Foundations of Interactive Design for Web-based Learning

(A-F or Audit;)
 51878 001 LEC, Completely Online; Matti Koivula ; 3 cr.

5392 Learning Technologies M.Ed. Capstone Project

(A-F only; Prereq: Learning Technologies M.Ed. students)
 68581 001 DIS, Completely Online; Matti Koivula ; 3 cr.

5413 Foundations of Reading

(A-F or Audit; Prereq: CI 3610 and concurrent registration with CI 5414)
 51228 001 LEC, 8:00-12:20 MW, Peik Hall 46, In Person Term Based; Michelle Stevens Martig ; 3 cr.
 51229 002 LEC, 8:00-12:20 TTh, Peik Hall 46, In Person Term Based; Eva Boehm ; 3 cr.
 51628 003 LEC, 8:00-12:20 TTh, Peik Hall 48, In Person Term Based; Elizabeth Fogarty ; 3 cr.

5414 Practicum: Working With Developing Readers

(S-N only; Prereq: CI 3610 and concurrent registration with CI 5413 required; elementary education foundations major)
 51227 001 FWK, In Person Term Based; Elizabeth Fogarty, Michelle Stevens Martig, Eva Boehm ; 2 cr.

5419 The American Middle School (Student Option;)

51882 001 LEC, Completely Online; Danielle Heinle ; 3 cr.

5433 Instructional Leadership in Reading for the Middle and Secondary Grades

(A-F or Audit; Prereq: 5432)
 51629 001 LEC, Completely Online; 3 cr.

5452 Reading in the Content Areas for Initial Licensure Candidates

(A-F only; Prereq: Concurrent enrollment in licensure area methods course(s), enrolled in Initial Licensure Program, Internet access, basic understanding of [computer use, Web browsers, email, word processing software])

51090 001 LEC, Completely Online; Thomas Lonetti, Yongjun Lee ; 1-2 cr.
 67035 200 LEC, In Person Term Based; Merry Meltz Holloway ; 1-2 cr.

5461 Teaching Composition in the Secondary School

(A-F or Audit;)
 51526 001 LEC, 9:05-13:05 W, Peik Hall 355, In Person Term Based; Anna Schick ; 3 cr.

5481 Developments in Teaching English and Speech

(A-F or Audit;)
 50607 001 LEC, 12:25-16:25 M, Peik Hall 325, 12:25-16:25 F, Peik Hall 325, In Person Term Based; Justin Grinage ; 3 cr.

5484 Improving Secondary English Language Arts Instruction: Seminar for Early Career Teachers Part I

(A-F only; Prereq: Recently received Communication Arts and Literature (i.e., English Language Arts) teaching license.)

67322 001 DIS, Completely Online; Abigail Rombalski ; 1.5 cr.

5485 Improving Secondary English Language Arts Instruction: Seminar for Early Career Teachers Part II

(A-F only; Prereq: Successful completion of CI 5484.)
 66447 001 DIS, Completely Online; Abigail Rombalski ; 1.5 cr.

5496 Directed Experiences in Teaching English

(S-N or Audit; Prereq: MEd/initial licensure students in English ed only)
 51146 001 FWK, In Person Term Based; 4-8 cr.

5532 Secondary Science Methods III

(A-F or Audit; Prereq: Admission to initial licensure program in science and CI 5531 Secondary Science Methods II)
 50862 001 DIS, 16:00-19:20 Th, Lrng & Environmental Sci 139A, In Person Term Based; Barbara Billington ; 3 cr.

5535 Foundations of Science Education

(A-F or Audit; Prereq: M.Ed., grad student, or instr consent)
 67263 001 LEC, Completely Online; Stefanie Marshall ; 3 cr.

5552 Reflecting on Science Classroom Practices II

(A-F only;)
 51641 001 DIS, Completely Online; Barbara Billington ; 1.5 cr.

5597 Clinical Experience in Secondary School Science Teaching

(S-N or Audit; Prereq: initial licensure or instr consent)
 50680 001 FWK, In Person Term Based; Barbara Billington ; 4-8 cr.

5618 Academic Language and English Learners II

(A-F only; Prereq: Enrolled in teacher initial licensure program)

51375 001 FWK, 9:00-12:00 Sa, Bruininks Hall 114, 9:00-12:00 Sa, Bruininks Hall 114, Primarily Online; Jane Riordan ; 1 cr.
 51383 002 FWK, 9:00-12:00 Sa, Bruininks Hall 114, 9:00-12:00 Sa, Bruininks Hall 114, Primarily Online; Jane Riordan ; 1 cr.
 51384 003 FWK, 9:00-12:00 Sa, Bruininks Hall 114, 9:00-12:00 Sa, Bruininks Hall 114, Primarily Online; Mary Bertrand ; 1 cr.
 51385 004 FWK, 9:00-12:00 Sa, Bruininks Hall 114, 9:00-12:00 Sa, Bruininks Hall 114, Primarily Online; Mary Bertrand ; 1 cr.
 51386 005 FWK, 9:00-12:00 Sa, Bruininks Hall 114, 9:00-12:00 Sa, Bruininks Hall 114, Primarily Online; Karla Stone ; 1 cr.

5634 Content-Based Instruction in Second Language Settings

(A-F or Audit; Prereq: SLC initial licensure only)
 50606 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)
 50604 001 LEC, 13:25-16:25 T, Peik Hall 355, In Person Term Based; Martha Bigelow ; 3 cr.

5641 Language, Culture, and Education

(A-F or Audit;)
 66449 001 LEC, 16:40-19:20 M, Peik Hall 46, In Person Term Based; Melissa Engman ; 3 cr.

5648 Advanced Practices in Teaching Academic Language

(A-F only; Prereq: Grad student, instr consent)
 66897 001 DIS, Completely Online; Susan Ranney ; 3 cr.

5649 Language Analysis for ESL Teaching in Higher Ed

(Student Option No Audit; Prereq: 5646)
 51501 001 LEC, 13:25-16:25 W, Peik Hall 355, In Person Term Based; Kendall King ; 4 cr.

5654 Practicum in Language Teaching: ESL and World Languages

(S-N only;)
 51502 001 FWK, 16:40-19:20 T, Burton Hall 125, In Person Term Based; Michael Anderson ; 1-6 cr.

5657 Teaching Speaking and Listening in Second Language Classrooms

(A-F or Audit;)
 51080 001 LEC, 16:40-19:20 Th, Peik Hall 48, In Person Term Based; Leah Shepard-Carey ; 3 cr.

5662 Second Language Curriculum Design

(A-F or Audit;)
 51107 001 LEC, 16:40-19:20 W, Peik Hall 365, In Person Term Based; Caroline Maguire ; 3 cr.

5671 Curriculum Development and Assessment in Dual Language/Immersion Classrooms

(Student Option; Prereq: instr consent)
 51884 004 LEC, Completely Online; Cory Mathieu ; 3 cr.

5693 Directed Study in Second Language Education

(Student Option; Prereq: instr consent)
 51031 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)

50599 001 LEC, In Person Term Based; Alice Yang ; 2-6 cr.

5697 Practicum: ESL in the Elementary School

(Student Option; Prereq: Adviser approval)
51033 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)
50649 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)
50650 001 FWK, 13:25-16:25 W, Peik Hall 40, In Person Term Based; Karla Stone ; 3-12 cr.
50650 001 FWK, 13:25-16:25 W, Peik Hall 40, In Person Term Based; Karla Stone ; 3-12 cr.

5744 Seminar: Reflecting on Professional Development in Social Studies Education

(A-F only; Prereq: Secondary social studies initial licensure student)
50622 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;)
51655 001 DIS, 16:40-20:00 T, Peik Hall 46, In Person Term Based; J.B. Mayo, Ryan Oto, Noah Sims ; 3 cr.

5762 Developing Civic Discourse in the Social Studies

(A-F or Audit;)
51669 001 LEC, 16:40-20:00 T, Peik Hall 31, In Person Term Based; Scott Glew ; 3 cr.

5782 Clinical Experiences in Teaching Social Studies

(S-N or Audit; Prereq: MEd/initial licensure student)
50690 001 FWK, In Person Term Based; Molly Siebert, George Dalbo ; 1-8 cr.

5980 Clinical Experiences for K-12 Teaching

(A-F only;)
51646 200 FWK, In Person Term Based; Jennifer Niedzielski ; 1-4 cr.

5986 Foundations of Special Education

(A-F only;)
67036 200 DIS, 18:30-20:30 T, Wulling Hall 220, In Person Term Based; Sara Lein ; 1 cr.

5987 Child and Adolescent Development for Teaching, Learning, and Assessment

(A-F only;)
66623 200 DIS, In Person Term Based; Kasey Michel ; 1 cr.
68282 300 DIS, In Person Term Based; Kasey Michel ; 1 cr.

8079 Arts Based Research in Education

(A-F or Audit; Prereq: Educ grad student or instr consent)
66454 001 LEC, 16:40-19:20 Th, Peik Hall 40, In Person Term Based; Betsy Maloney Leaf ; 3 cr.

8095 Problems: Art Education

(Student Option; Prereq: Grad art educ major or instr consent)
51315 001 IND, Independent/Directed Study; James Bequette, Betsy Maloney Leaf ; 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)
50772 001 LEC, 16:40-19:20 Th, Peik Hall 46, 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)
51032 001 LEC, 13:25-16:05 T, Peik Hall 46, In Person Term Based; J.B. Mayo ; 3 cr.

8135 Foundations of Research in Curriculum and Instruction II

(A-F or Audit;)
51685 001 DIS, 16:40-19:20 W, Peik Hall 385, In Person Term Based; Nina Asher, David O'Brien ; 3 cr.

8145 Using Mixed Methods in Educational Research

(A-F or Audit; Prereq: [8133, 8148, OLPD 8812] or equiv, [CI PhD student or instr consent], additional quantitative/qualitative methodology courses recommended)
66455 001 DIS, 16:40-19:20 T, Peik Hall 365, In Person Term Based; David O'Brien ; 3 cr.

8150 Research Topics in Curriculum & Instruction

(Student Option;)
67405 001 LEC, 16:40-19:20 M, Bruininks Hall 530A, In Person Term Based; Robert Poch ; 3 cr.

8165 Queer and Feminist Theories: Collective Memory Research Methods

(A-F only;)
66456 001 DIS, 16:40-19:20 W, Peik Hall 48, In Person Term Based; Mary Hermes ; 3 cr.

8195 Problems: Improvement of Instruction

(Student Option; Prereq: instr consent)
51630 001 IND, In Person Term Based; 1-6 cr.

8196 Practicum in Teaching in Colleges of Education

(S-N only;)
51688 001 FWK, In Person Term Based; 1 cr.

8197 Problems: Curriculum Studies

(A-F or Audit; Prereq: MA student)
51888 001 IND, In Person Term Based; 1-4 cr.

8198 Problems: Teacher Education

(Student Option; Prereq: instr consent)
51059 001 IND, In Person Term Based; 1-6 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser approval, DGS approval)
50811 001 IND, In Person Term Based; 1 cr.

8371 Applied Social Network Analysis in Education

(Student Option;)
66457 001 DIS, Completely Online; Bodong Chen ; 3 cr.

8395 Directed Study: Learning Technologies

(A-F only; Prereq: instr consent)
50807 001 IND, In Person Term Based; 1-6 cr.

8416 Speculative Fiction, Radical Imagination, and Social Change

(Student Option;)
66478 001 DIS, 16:40-19:20 M, Peik Hall 385, In Person Term Based; Marek Oziewicz ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser approval, DGS approval)
50812 001 IND, In Person Term Based; 1 cr.

8492 Readings in English Education and Reading

(Student Option; Prereq: instr consent)
51060 001 IND, Independent/Directed Study; 1-3 cr.

8495 Problems: Teaching English and Reading

(A-F or Audit; Prereq: instr consent)
51061 001 IND, Independent/Directed Study; 1-6 cr.

8573 Nature of Inquiry in STEM Education

(A-F only; Prereq: MA or PhD student or instr consent)
66479 001 DIS, 16:40-19:20 T, Lrng & Environmental Sci 139B, In Person Term Based; Gillian Roehrig ; 3 cr.

8574 History and Philosophy of Science in Education

(A-F only;)
66458 001 DIS, 16:40-19:20 Th, Lrng & Environmental Sci R250, In Person Term Based; Bhaskar Upadhyay ; 3 cr.

8595 Problems: Science Education

(Student Option; Prereq: CI grad student or instr consent)
50681 001 IND, In Person Term Based; Gillian Roehrig, Bhaskar Upadhyay ; 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)
50813 001 IND, In Person Term Based; 1-6 cr.

8671 Sociolinguistic Research Approaches to Education

(A-F only;)
66459 001 DIS, 9:30-12:00 T, Peik Hall 325, In Person Term Based; Kendall King ; 3 cr.

8691 Readings in Second Languages and Cultures Education

(Student Option; Prereq: instr consent)
50601 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)
50600 001 IND, In Person Term Based; Kendall King, Martha Bigelow, Blanca Caldas Chumbes, Samuel David ; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated;)
51050 001 IND, In Person Term Based; 1-18 cr.

8795 Problems: Social Studies Education

(Student Option; Prereq: CI grad student or instr consent)
50806 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)
51040 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)
50814 001 IND, In Person Term Based; 1-24 cr.

Dakota (DAKO)

1122 Beginning Dakota II

(Student Option; Prereq: 1121)
53820 001 LEC, 9:05-9:55 MTWThF, Folwell Hall 118, In Person Term Based; Meets With: 001 DAKO 4122; Wayne Bendickson ; 5 cr.

3124 Intermediate Dakota II

(Student Option; Prereq: 1121, 1122, 3123)
53821 001 LEC, 10:10-11:00 MTWThF, Civil Engineering Bldg 213, In Person Term Based; Meets With: 001 DAKO 4124; Wayne Bendickson ; 5 cr.

3127 Dakota Language for Teachers

(A-F only; Prereq: 1121)
54193 001 LEC, 13:00-14:15 MW, Appleby Hall 102, 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)
55367 001 LEC, 9:05-9:55 MTWThF, Folwell Hall 118, In Person Term Based; Meets With: 001 DAKO 1122; Wayne Bendickson ; 3 cr.

4124 Intermediate Dakota II

(Student Option; Prereq: 1121, 1122, 3123)
55368 001 LEC, 10:10-11:00 MTWThF, Civil Engineering Bldg 213, In Person Term Based; Meets With: 001 DAKO 3124; Wayne Bendickson ; 3 cr.

5129 Advanced Dakota Language II

(A-F or Audit;)
53814 001 LEC, 14:30-15:20 MWF, Ford Hall 155, In Person Term Based; Neil McKay ; 3 cr.

Dance (DNCE)**1001 Modern/Contemporary Dance****Technique 1**

(Student Option;)

54467 001 LAB, 10:10-11:40 TTh, , In Person Term Based; Ryan-Olivia McCoy ; 1 cr.

1020 Modern/Contemporary Dance**Technique 4**

(Student Option; Prereq: 1010, dept consent, audition)

53300 001 LAB, 12:20-13:50 MTThF, , In Person Term Based; Erin Thompson, Laura Anne Virtucio ; 1-2 cr.

1102 Ballet Technique 2

(Student Option; Prereq: 1101, or audition, or instr consent)

52314 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)

52300 001 LAB, 8:25- 9:55 MWF, , In Person Term Based; Tina Wallum ; 2 cr.

1202 Jazz Technique 2

(Student Option; Prereq: 1201 or audition or instr consent)

52382 001 LAB, 18:30-19:45 TTh, , In Person Term Based; Karla Grotting ; 1 cr.

1220 Jazz Technique 4

(Student Option; Prereq: 1210, dept consent, audition)

52383 001 LAB, 8:25- 9:55 TTh, , In Person Term Based; Karla Grotting ; 1 cr.

1302 Tap Technique 2

(Student Option; Prereq: 1301 or instr consent)

52228 001 LAB, 17:00-18:15 TTh, , In Person Term Based; Ellen Keane ; 1 cr.

1331 Yoga

(Student Option;)

53256 001 LAB, 8:25- 9:55 TTh, , In Person Term Based; 1 cr.
53497 002 LAB, 10:10-11:40 TTh, , In Person Term Based; 1 cr.**1343 Urban & Street Dance Forms 1:****Introduction**

(Student Option No Audit;)

56102 002 LAB, 17:00-18:15 MW, , In Person Term Based; Jason Noer ; 1 cr.

1344 Urban & Street Dance Forms 2:**Advanced Foundation and Histories**

(A-F only; Prerequisite: completion of DNCE 1343 or audition.)

68248 001 LAB, 10:10-11:40 TTh, , In Person Term Based; Jason Noer ; 1 cr.

1345 Alexander Technique for Movement**Artists**

(Student Option No Audit;)

54148 001 LAB, 12:20-13:50 W, , In Person Term Based; Erin Thompson ; 2 cr.

1349 Contact Improvisation

(Student Option;)

54849 001 LAB, 14:05-15:35 W, , In Person Term Based; Kristin Vanloon, Anwen Wilder ; 1 cr.

1354 African Diasporic Movement 4

(Student Option No Audit; Prereq: 1353 or audition or instr consent)

54173 001 LAB, 10:10-11:40 TTh, , In Person Term Based; Leslie Parker ; 1 cr.

1401 Introduction to Dance

(Student Option No Audit; AH)

52962 001 LEC, 10:10-11:40 MW, , In Person Term Based; Jason Noer ; 3 cr.

1701 Freshman/Sophomore Repertory

(A-F only;)

68247 001 LAB, 9:00-13:00 Sa, , 15:45-18:15 MTWThF, , In Person Term Based; Joan Smith ; 1 cr.

3020 Modern/Contemporary Dance**Technique 6**

(Student Option; Prereq: 3010, dept consent, audition)

52379 001 LAB, 14:05-15:35 MTThF, , In Person Term Based; Leslie Parker ; 2 cr.

3120 Ballet Technique 6

(Student Option; Prereq: 3110, dept consent, audition)

52301 001 LAB, 8:25- 9:55 MWF, , In Person Term Based; Penelope Freeh ; 2 cr.

52776 002 LAB, 8:25- 9:55 MWF, , In Person Term Based; Abdo Sayegh Rodriguez ; 2 cr.

3220 Jazz Technique 6

(Student Option; Prereq: 3210, dept consent, audition)

52384 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)

52234 001 LAB, 18:30-19:45 TTh, , In Person Term Based; Ellen Keane ; 1 cr.

3342 Urban & Street Dance Forms 4:**Scholar**

(A-F or Audit; Prerequisite: Completion of DNCE 3341 or audition)

68249 001 LAB, 8:25- 9:55 TTh, Rarig Center 20, In Person Term Based; Herbert Johnson ; 1 cr.

3352 African Diasporic Movement 6

(Student Option No Audit; Prereq: DNCE 3351 African Diasporic Movement 5 or audition or instructor consent)

68265 001 LAB, 10:10-11:40 TTh, , In Person Term Based; Leslie Parker ; 1 cr.

3402W Dance History 2

(Student Option; Prereq: 3401WWW)

52654 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)

52655 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;)

54147 001 LEC, 12:20-13:50 W, , In Person Term Based; Allison Doughty ; 2 cr.

3601 Dance Composition 1

(Student Option; Prereq: 1020, 1601, concurrent regis in a modern dance technique course, dept consent)

53162 001 LAB, 10:10-11:40 MWF, , In Person Term Based; Leslie Parker ; 3 cr.

53163 002 LAB, 10:10-11:40 MWF, , In Person Term Based; Penelope Freeh ; 3 cr.

3622 Dance Production II

(A-F or Audit; Prereq: 3621, dance major, dept consent)

54847 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)

52388 001 LAB, 10:00-13:00 Sa, , 15:45-18:15 MTWThF, , In Person Term Based; Joan Smith ; 1 cr.

3901 Career Readiness in Dance

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

54848 001 LEC, 8:25- 9:55 TTh, , In Person Term Based; Maggie Bergeron ; 1-3 cr.

4601 Dance Composition 3

(Student Option; Prereq: 3602, concurrent regis in a modern dance technique course, dept consent)

53964 001 LAB, 12:20-13:50 MWF, , In Person Term Based; Carl Flink ; 3 cr.

53965 002 LAB, 12:20-13:50 MWF, , In Person Term Based; Joan Smith ; 3 cr.

5020 Modern/Contemporary Dance**Technique 8**

(Student Option; Prereq: 5010, dept consent, audition)

52386 001 LAB, 14:05-15:35 MTThF, , In Person Term Based; Leslie Parker, Ananya Chatterjea ; 2 cr.

5040 Modern/Contemporary Dance**Technique 10**

(Student Option;)

56104 001 LAB, 14:05-15:35 MTThF, , In Person Term Based; Laura Anne Virtucio, Erin Thompson ; 2 cr.

5120 Ballet Technique 8

(Student Option; Prereq: 5110, dept consent, audition)

54846 001 LAB, 8:25- 9:55 TTh, , In Person Term Based; Penelope Freeh ; 1 cr.

5601 Dance Composition 5

(Student Option; Prereq: 4601, 4602, dept consent)

53380 001 LAB, 10:10-11:40 F, , In Person Term Based; Joan Smith ; 1-2 cr.

5993 Directed Studies

(Student Option; Prereq-instr consent, dept consent, college consent.)

52989 001 IND, 00:00-00:00 , , In Person Term Based; Carl Flink ; 1-4 cr.

Data Science (DSCI)**5994 Directed Research**

(Student Option;)

61117 001 IND, In Person Term Based; 1-3 cr.

8760 Data Science M.S. Plan B Project

(S-N only;)

60955 001 IND, In Person Term Based; Daniel Boley ; 3 cr.

8970 Data Science M.S. Colloquium

(S-N or Audit;)

60956 001 LEC, In Person Term Based; Daniel Boley ; 1 cr.
66999 883 LEC, Completely Online; Daniel Boley ; 1 cr.**8991 Independent Study**

(Student Option; Prereq: instr consent)

61118 001 IND, In Person Term Based; 1-3 cr.

Dental Hygiene (DH)**2212 Communication for Oral Health****Providers**

(A-F only;)

56915 001 LEC, 8:00- 9:40 Th, Moos Health Sci Tower 8-348, In Person Term Based; 2 cr.

2221W Periodontology

(A-F only; Prereq: DH studentWI)

56914 001 LEC, 13:00-14:40 M, Moos Health Sci Tower 8-348, In Person Term Based; 3 cr.

57000 002 LAB, 14:45-16:45 M, No Room Required, In Person Term Based; 3 cr.

2222 Dental Hygiene Care Process Clinical Application II

(A-F or Audit;)

56916 001 LEC, 11:10-12:00 T, AHC ROOM TBA, In Person Term Based; 4 cr.

56917 002 FWK, 9:00-12:00 MWF, No Room Required, 13:00-16:00 W, No Room Required, In Person Term Based; 4 cr.

3125 General and Oral Pathology

(A-F or Audit;)

68135 001 LEC, 13:00-14:40 Th, Moos Health Sci Tower 8-348, In Person Term Based; 2 cr.

3151 Oral and Maxillofacial Radiology

(A-F or Audit; Prereq: DH student)

57023 001 LEC, 10:10-11:00 Th, Moos Health Sci Tower 2-620, 10:10-11:00 T, Moos Health Sci Tower 2-620, In Person Term Based; Meets With: 001 DDS 6233; 2 cr.

4105 Dental Professional Development

(A-F only;)

57069 001 LEC, 8:00- 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; DSJ,WI)

57007 001 LEC, 9:00- 9:50 W, Moos Health Sci Tower 8-348, In Person Term Based; 6 cr.

57008 002 FWK, 13:00-16:00 MTTh, No Room Required, 9:00-12:00 Th, No Room Required, 8:00-12:00 T, No Room Required, In Person Term Based; 6 cr.

4135W Research Methods in Dental**Hygiene**

(A-F only; Prereq: DHWI)

57012 001 LEC, 9:45-10:35 M, Moos Health Sci Tower 8-348, 10:00-11:45 W, Moos Health Sci Tower 8-348, In Person Term Based; 3 cr.

4136 Periodontology III Lecture**(A-F or Audit;)**

57013 001 LEC, 7:30- 8:20 Th, Moos Health Sci Tower 2-530, 7:30- 8:20 F, Moos Health Sci Tower 2-530, 7:30- 8:20 Th, Moos Health Sci Tower 2-530, 7:30- 8:20 Th, Moos Health Sci Tower 2-530, 7:30- 8:20 Th, Moos Health Sci Tower 2-530, 7:30- 8:20 F, Moos Health Sci Tower 2-530, 7:30- 8:20 Th, Moos Health Sci Tower 2-530, 7:30- 8:20 F, Moos Health Sci Tower 2-530, 7:30- 8:20 Th, Moos Health Sci Tower 2-530, 7:30- 9:30 Th, Moos Health Sci Tower 2-530, In Person Term Based; Meets With: 001 DDS6113; Deborah Johnson, ; 1 cr.

4139 Dental Public Health and Academic Service Learning II**(A-F only;)**

57010 001 LEC, 10:45-12:00 M, Moos Health Sci Tower 8-348, In Person Term Based; 2 cr.

5401 Research Methods in Health Sciences**(A-F only; Prereq: Dental hygiene grad student)**

57073 001 LEC, 18:30-20:30 M, AHC ROOM TBA, In Person Term Based; 3 cr.

5405 Curriculum and Course Development**(A-F only; Prereq: Dental Hygiene grad student)**

57074 001 LEC, 18:30-20:30 W, AHC ROOM TBA, In Person Term Based; 2 cr.

5415 Dental Hygiene Supervised Didactic Course Student Teaching**(A-F only;)**

68136 001 IND, 18:30-20:00 W, AHC ROOM TBA, In Person Term Based; 2 cr.

7000 Thesis/Capstone Independent Study**(No Grade Associated; Prereq: Dental hygiene grad student)**

68677 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])**

57075 004 IND, 18:30-20:30 M, AHC ROOM TBA, In Person Term Based; 1-18 cr.

Dental Therapy (DT)**4460 Essentials of Clinical Care I For the Dental Therapist****(S-N only;)**

57078 001 FWK, In Person Term Based; Todd Thierer ; 3 cr.

5130 Preclinical Pediatric Dentistry**(A-F only; Prereq-DT grad program.)**

57037 001 LEC, 8:00- 8:50 M, Moos Health Sci Tower 2-620, 8:00- 8:50 W, Moos Health Sci Tower 2-620, In Person Term Based; Meets With: 001 DDS 6131; Elise Sarvas, ; 1 cr.

5321 Treatment Planning for the Dental Therapist**(S-N only;)**

57072 001 LEC, 8:00-17:00 Th, Moos Health Sci Tower 1-450, 8:00-12:00 F, Moos Health Sci Tower 1-450, 8:00-17:00 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, In Person Term Based; Meets With: 001 DDS 6314; Richard Nadeau, ; 1 cr.

5410 Applied Dental Biomaterials**(A-F only; Prereq-2nd yr DT student.)**

57079 001 LEC, In Person Term Based; Conrado Aparicio ; 1 cr.

5460 Essentials of Clinical Care I For the Dental Therapist**(S-N only;)**

57057 001 FWK, 00:00-00:00 , , In Person Term Based; Karl Self ; 10 cr.

5471 Prosthodontic Topics for Dental**Therapy****(A-F only;)**

57056 001 LEC, In Person Term Based; 2 cr.

Dentistry (DENT)**6470 Health Ecology Elective****(Student Option;)**

56942 001 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.

6480 Advanced General Dentistry Elective**(Student Option;)**

56943 001 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.

6490 Health Ecology: Independent Study**(Student Option;)**

56944 001 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.

7000 Dental Clinic**(Student Option;)**

56995 001 LEC, 00:00-00:00 , , In Person Term Based; 1-6 cr.

7021 Contemporary Diagnosis and Management of Orofacial Pain**(A-F only;)**

68900 001 LEC, In Person Term Based; Scott McClanahan ; 1 cr.

7032 Field Experience: Administration in a Multidisciplinary Health Center**(Student Option;)**

56924 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)**

56925 001 LEC, 16:35-18:30 T, Moos Health Sci Tower 2-580, In Person Term Based; David Born ; 3 cr.

7051 Advanced Study in the Theory and Principles of Oral Medicine**(A-F only;)**

57006 001 LEC, 00:00-00:00 , , In Person Term Based; 2 cr.

7062 Special Oral Pathology II**(S-N only; Prereq-7061, resident [or grad student] in discipline other than oral pathology.)**

56982 001 LEC, 15:30-16:30 Th, Moos Health Sci Tower 2-520, In Person Term Based; Ioannis Koutlas ; 1 cr.

7071 General Practice Residency Dental Clinic**(S-N only;)**

57032 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)**

56919 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)**

56994 001 LEC, 00:00-00:00 , , In Person Term Based; 2 cr.

7112 Treatment Planning Seminar**(A-F only;)**

56987 001 LEC, 00:00-00:00 , , In Person Term Based; 2 cr.

7991 Independent Study**(Student Option No Audit; Prereq: Enrolled in an advanced dental education program)**

57002 001 IND, 00:00-00:00 , , Independent/Directed Study; Stephen Shuman ; 1-4 cr.

8031 Topics and Problems in Dental Education**(Student Option;)**

56985 001 LEC, 00:00-00:00 , , In Person Term Based; David Born ; 1-3 cr.

8090 Evidence-based Clinical Pediatric Dentistry**(A-F or Audit;)**

56984 001 LEC, In Person Term Based; 2 cr.

8100 Topics in Advanced Periodontology: Literature Review**(Student Option;)**

56986 001 LEC, 9:15-11:00 T, Moos Health Sci Tower 1-460, In Person Term Based; Massimo Costalonga ; 2 cr.

8121 Current Literature in TMD and Orofacial Pain**(A-F or Audit;)**

57067 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)**

56979 001 LEC, 7:30- 8:30 MWF, AHC ROOM TBA, In Person Term Based; Kate Hathaway ; 2 cr.

8333 FTE: Master's**(No Grade Associated; Prereq: Master's student, adviser and DGS consent)**

56945 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])**

56949 001 IND, In Person Term Based; 1-18 cr.

Dermatology (DERM)**7182 Dermatology Preceptorship****(H-N only;)**62173 001 ROT, In Person Term Based; 4 cr.
62174 002 ROT, In Person Term Based; 4 cr.
62175 003 ROT, In Person Term Based; 4 cr.
62176 004 ROT, In Person Term Based; 4 cr.**7183 Advanced Dermatology****(H-N only;)**62177 001 ROT, In Person Term Based; 4 cr.
62178 002 ROT, In Person Term Based; 4 cr.
62179 003 ROT, In Person Term Based; 4 cr.
62180 004 ROT, In Person Term Based; 4 cr.**7185 Research in Dermatology****(H-N only;)**

62041 099 IND, In Person Term Based; 8 cr.

7910 Dermatology Medical Residency**(No Grade Associated;)**

62045 001 FWK, In Person Term Based; 6 cr.

7930 Dermatology Medical Fellowship**(No Grade Associated;)**

62046 001 FWK, In Person Term Based; 6 cr.

Design (DES)**1000 D@MN: Design@Minnesota****(A-F only; AH)**

49846 001 LEC, 11:15-12:30 TTh, Rapson Hall 56, In Person Term Based; Emily Stover ; 3 cr.

1002 Improvisation for Design**(A-F only;)**

66968 001 LEC, 13:00-14:15 TTh, Mechanical Engineering 212, In Person Term Based; 3 cr.

1101W Introduction to Design Thinking**(A-F only; AH,WI)**49643 001 LEC, 8:45-10:00 TTh, McNeal Hall 33, In Person Term Based; Patricia Hemmis ; 4 cr.
49644 002 DIS, 8:30- 9:20 W, McNeal Hall 250, In Person Term Based; 4 cr.
49645 003 DIS, 9:35-10:25 W, McNeal Hall 250, In Person Term Based; 4 cr.
49646 004 DIS, 11:45-12:35 W, McNeal Hall 250, In Person Term Based; 4 cr.
49647 005 DIS, 10:40-11:30 T, McNeal Hall 10, In Person Term Based; 4 cr.
49648 006 DIS, 10:40-11:30 Th, McNeal Hall 316, In Person Term Based; 4 cr.**1111 Creative Problem Solving****(A-F only;)**

49651 001 LEC, Completely Online; Brad Hokanson ; 3 cr.

1402 Homelessness: Understanding the Issues and Proposal Solutions**(A-F only;)**

66922 001 DIS, 13:30-15:10 W, McNeal Hall 395, In Person Term Based; Marilyn Bruin ; 2 cr.

1406W Design and Culture in England and Scotland

(A-F only; GP,WI)
66817 001 DIS, 9:35-11:30 W, McNeal Hall B9, In Person Term Based; James Boyd Brent ; 3 cr.

2101 Design and Visual Presentation

(A-F only ;)
49652 001 LEC, 16:30-18:10 Th, McNeal Hall 316, In Person Term Based; 2 cr.
49953 002 LEC, Completely Online; Sauman Chu ; 2 cr.
68827 003 LEC, Completely Online; 2 cr.

3131 User Experience in Design

(A-F only ;)
49867 001 LEC, 18:15-19:05 W, McNeal Hall 146, 18:15-21:00 M, McNeal Hall 146, In Person Term Based; 4 cr.

3141 Technology, Design, and Society

(A-F only; TS)
49866 001 LEC, 17:45-19:00 MW, Keller Hall 2-260, 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)
49590 001 LEC, 11:45-12:35 T, McNeal Hall 395, In Person Term Based; Sara Newberg ; 1 cr.
49591 002 LEC, 16:05-16:55 W, McNeal Hall 310, In Person Term Based; Kristen Murphy ; 1 cr.
49832 004 LEC, 9:05- 9:55 T, Bruininks Hall 530A, In Person Term Based; Christine Bartley ; 1 cr.
49940 003 LEC, 10:40-11:30 W, McNeal Hall 395, In Person Term Based; Dana Rechtzigel ; 1 cr.

3311 Travels in Typography

(A-F only ;)
49597 001 LAB, 18:20-20:50 M, Rapson Hall 109, In Person Term Based; 3 cr.

3322 Furniture Design, Practice

(A-F only ;)
64653 001 LEC, 9:45-12:05 MW, Northrop Memorial Aud 110, In Person Term Based; Thomas Oliphant ; 4 cr.

3331 Street Life Urban Design Seminar

(A-F only ;)
49586 001 LEC, 13:25-15:55 T, 1425 University Ave 75, In Person Term Based; Jen Krava ; 3 cr.

3351 Phenomenon of Everyday Design

(A-F only ;)
49891 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)
49833 001 LEC, 18:15-21:00 T, McNeal Hall 250, In Person Term Based; Brad Holschuh ; 3 cr.

8103 Qualitative and Mixed Methods

Research
(A-F or Audit ;)
49653 001 LEC, 15:00-17:45 M, McNeal Hall 250, In Person Term Based; Marilyn Bruin ; 3 cr.

8112 Design Theory

(A-F or Audit ;)
65814 001 LEC, 9:35-12:35 F, McNeal Hall 250, In Person Term Based; Brad Hokanson ; 3 cr.

8181 Research Ethics

(S-N or Audit; Prereq: Grad student)
49822 001 LEC, Primarily Online; Marilyn Bruin ; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
49654 001 IND, Independent/Directed Study; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
49655 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)
49656 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])
49657 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)
49658 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)
67011 001 LEC, 9:45-11:45 F, Hubert H. Humphrey School 25, In Person Term Based; Bhaskar Upadhyay ; 1 cr.

8310 Topics in Development Studies and Social Change

(S-N only ;)
67012 001 LEC, 14:00-16:00 Th, Social Sciences Building 1314, In Person Term Based; Karen Brown ; 1-3 cr.
67040 002 LEC, In Person Term Based; Tracey Deutsch ; 1-3 cr.

Doctor of Dental Surgery (DDS)

6111 Periodontology I Lecture

(A-F only ;)
57068 001 LEC, 8:00- 8:50 M, Moos Health Sci Tower 2-690, 11:15-12:05 W, Moos Health Sci Tower 2-690, 11:15-12:05 W, Moos Health Sci Tower 2-690, 11:15-12:05 W, Moos Health Sci Tower 2-690, 11:15-12:05 W, Moos Health Sci Tower 2-690, 11:15-12:05 W, Moos Health Sci Tower 2-690, 8:00- 8:50 M, Moos Health Sci Tower 2-690, 11:15-12:05 W, Moos Health Sci Tower 2-690, 8:00- 8:50 M, Moos Health Sci Tower 2-690, 8:00- 8:50 M, Moos Health Sci Tower 1-451, 11:15-12:05 W, Moos Health Sci Tower 2-690, 15:10-16:00 F, Moos Health Sci Tower 2-620, 11:15-12:05 W, Moos Health Sci Tower 2-690, 11:15-12:05 W, Moos Health Sci Tower 5-125, In Person Term Based; Elham Akhlaghi ; 1.5 cr.

6112 Periodontology II: Technique

(A-F or Audit; Prereq-In DDS program.)
68227 001 LEC, 8:00- 8:50 W, Moos Health Sci Tower 2-530, In Person Term Based; Judy Danielson ; 2 cr.

6113 Periodontology III Lecture

(A-F only ;)
57046 001 LEC, 7:30- 8:20 Th, Moos Health Sci Tower 2-530, 7:30- 8:20 F, Moos Health Sci Tower 2-530, 7:30- 8:20 Th, Moos Health Sci Tower 2-530, 7:30- 8:20 Th, Moos Health Sci Tower 2-530, 7:30- 8:20 Th, Moos Health Sci Tower 2-530, 7:30- 8:20 F, Moos Health Sci Tower 2-530, 7:30- 8:20 Th, Moos Health Sci Tower 2-530, 7:30- 8:20 F, Moos Health Sci Tower 2-530, 7:30- 9:30 Th, Moos Health Sci Tower 2-530, In Person Term Based; Meets With: 001 DH 4136; Deborah Johnson ; 1.5 cr.

6114 Clinical Pharmacology Correlations in Dentistry

(A-F only ;)
57066 001 LEC, 8:30- 9:20 M, Moos Health Sci Tower 2-530, 8:30- 9:20 M, 8:30- 9:20 F, Moos Health Sci Tower 2-530, 7:30- 9:30 W, , In Person Term Based; Daniel Skaar ; 1 cr.

6122 Periodontology Clinic DDS3

(A-F only ;)
56895 001 FWK, In Person Term Based; Elham Akhlaghi ; 2 cr.

6124 Periodontology Clinic D4

(A-F only ;)
57070 001 ROT, In Person Term Based; Elham Akhlaghi ; 2 cr.

6130 Introduction to Clinical Dentistry

(S-N only; Prereq: Enrolled in PASS)
57055 001 LEC, In Person Term Based; 2.2 cr.

6131 Pediatric Dentistry Pre-Clinic

(A-F or Audit ;)
57036 001 LEC, 8:00- 8:50 M, Moos Health Sci Tower 2-620, 8:00- 8:50 W, Moos Health Sci Tower 2-620, 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.)
57021 001 FWK, In Person Term Based; Elise Sarvas ; 3.6 cr.

6151 Pain and Anxiety Control

(A-F or Audit ;)
57004 001 LEC, 8:00- 8:50 T, Moos Health Sci Tower 2-530, 8:00- 8:50 T, Moos Health Sci Tower 2-530, 9:05- 9:55 T, Moos Health Sci Tower 2-530, In Person Term Based; Rachel Uppgaard-Penaz ; 1.2 cr.

6153 Oral and Maxillofacial Surgery II

(A-F only; Prereq-Oral Surgery I.)
56894 001 LEC, 7:30- 8:20 T, Moos Health Sci Tower 2-620, 7:30- 8:20 Th, Moos Health Sci Tower 2-530, 8:30- 9:20 Th, Moos Health Sci Tower 2-650, In Person Term Based; James Swift ; 1.2 cr.

6161 Oral & Maxillofacial Surgery Clinic Rotation

(S-N or Audit ;)
57016 001 FWK, In Person Term Based; Robert Nadeau, Crystal King ; 2.5 cr.

6172 Orthodontics II

(A-F only ;)
56905 001 LEC, 7:30- 8:20 M, Moos Health Sci Tower 2-530, 8:30- 9:20 T, Moos Health Sci Tower 2-620, 8:30- 9:20 W, Moos Health Sci Tower 2-620, 8:30- 9:20 W, Moos Health Sci Tower 2-620, 7:30- 8:20 M, Moos Health Sci Tower 2-530, In Person Term Based; John Beyer ; 1.5 cr.

6181 Orthodontic Clinic Rotation

(S-N or Audit ;)
56906 001 FWK, In Person Term Based; John Beyer ; 1 cr.

6213 Microbiology for Dental Students

(A-F or Audit; Prereq-In DDS program.)
67495 001 LEC, 8:00- 9:50 F, Moos Health Sci Tower 2-690, 9:05- 9:55 M, Moos Health Sci Tower 2-690, 8:00- 9:50 F, Moos Health Sci Tower 2-690, 8:00- 8:50 F, Moos Health Sci Tower 2-690, In Person Term Based; Kristin Shingler ; 4 cr.

6215 Dental Pharmacology

(A-F only; Prereq: Must be in DDS program)
57044 001 LEC, 11:15-12:05 WTh, Moos Health Sci Tower 2-620, 11:15-12:05 T, Moos Health Sci Tower 2-620, 9:30-10:20 F, Moos Health Sci Tower 2-620, In Person Term Based; Daniel Skaar ; 3 cr.

6232 Physical Evaluation II

(A-F or Audit ;)
57019 001 LEC, 9:05- 9:55 W, Moos Health Sci Tower 2-530, 9:05- 9:55 Th, Moos Health Sci Tower 2-530, 9:05- 9:55 Th, Moos Health Sci Tower 2-530, 9:05- 9:55 Th, Moos Health Sci Tower 2-620, In Person Term Based; Nelson Rhodus ; 2.2 cr.

6233 Oral and Maxillofacial Radiology

(A-F only ;)
57022 001 LEC, 10:10-11:00 Th, Moos Health Sci Tower 2-620, 10:10-11:00 T, 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.)
57033 001 LEC, 00:00-00:00 , No Room Required, 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.)
57035 001 FWK, In Person Term Based; Nelson Rhodus ; 0.7 cr.

6243 Oral Radiology Clinic

(S-N only; Prereq-3rd yr DDS student.)
57047 001 FWK, In Person Term Based; Mansur Ahmad ; 0.5 cr.

6251 Oral Histology and Embryology and Medical Genetics

- (A-F only ;)
57018 001 LEC, 11:15-12:05 Th, Moos Health Sci Tower 2-530, 11:15-12:05 T, Moos Health Sci Tower 2-530, In Person Term Based; Ioannis Koutlas ; 2.6 cr.
- 6252 Oral and Maxillofacial Pathology**
(A-F or Audit; ;)
56990 001 LEC, 10:10-11:00 W, Moos Health Sci Tower 2-620, 8:00- 8:50 F, Moos Health Sci Tower 2-620, 10:10-11:00 T, 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 2-620, 8:00- 8:50 F, Moos Health Sci Tower 2-620, 8:00- 8:50 F, Moos Health Sci Tower 2-620, 8:00- 8:50 F, Moos Health Sci Tower 2-620, In Person Term Based; ; 3.1 cr.
- 6312 Comprehensive Care Clinic I**
(S-N only ;)
57048 001 FWK, In Person Term Based; Richard Nadeau ; 1 cr.
- 6313 Comprehensive Care Clinic II**
(S-N only; Prereq-6050.)
57005 001 FWK, In Person Term Based; Richard Nadeau ; 1 cr.
- 6314 Treatment Planning and Introduction to Patient Care**
(S-N or Audit; ;)
56989 001 LEC, 8:00-17:00 Th, Moos Health Sci Tower 1-450, 8:00-12:00 F, Moos Health Sci Tower 1-450, 8:00-17:00 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, In Person Term Based; Meets With: 001 DT 5321; Richard Nadeau, ; 4.1 cr.
- 6325 Dental Professional Development I**
(S-N only ;)
57059 001 DIS, In Person Term Based; 1 cr.
- 6327 Dental Professional Development III**
(S-N only ;)
57065 001 DIS, 7:30- 9:30 W, Moos Health Sci Tower 2-690, 7:30- 9:30 W, Moos Health Sci Tower 2-690, 7:30- 9:20 W, Moos Health Sci Tower 2-690, 7:30- 9:20 W, Moos Health Sci Tower 2-690, In Person Term Based; ; 2 cr.
- 6331 Dental Public Health I**
(S-N only; Prereq-1st yr in DDS Program.)
57063 001 LEC, 8:00- 8:50 Th, Moos Health Sci Tower 2-690, 8:00- 8:50 T, Moos Health Sci Tower 2-690, In Person Term Based; Naty Lopez, Karl Self ; 1.9 cr.
- 6334 Professional Problem Solving**
(S-N only; Prereq-DDS 3rd yr.)
57020 001 DIS, In Person Term Based; Karin Quick ; 0.8 cr.
- 6335 Professional Problem Solving**
(S-N only ;)
57017 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.)
57034 001 LEC, 8:30- 9:20 T, Moos Health Sci Tower 2-620, In Person Term Based; Carol Meyer ; 0.8 cr.
- 6360 Introduction to Outreach Experiences**
(S-N only ;)
57049 001 IND, In Person Term Based; 0 cr.
- 6363 Outreach Experiences III**
(S-N only ;)
57058 001 FWK, In Person Term Based; Paul Schulz ; 2 cr.
- 6411 Applied Dental Biomaterials**
(A-F only; Prereq-In DDS program.)
57028 001 LEC, 10:10-12:05 F, Moos Health Sci Tower 2-530, 13:30-14:20 T, Moos Health Sci Tower 2-530, 13:30-14:20 T, Moos Health Sci Tower 2-530, 10:10-11:00 F, Moos Health Sci Tower 2-530, 10:10-11:00 F, Moos Health Sci Tower 2-530, 10:10-11:00 F, Moos Health Sci Tower 2-530, In Person Term Based; Conrado Aparicio, ; 2 cr.
- 6434 Operative Dentistry I**
(A-F only; Prereq-Dental Anatomy, Biomaterials.)
67497 001 LEC, 15:00-15:50 T, Moos Health Sci Tower 2-530, 15:00-15:50 Th, Moos Health Sci Tower 2-530, 15:00-15:50 T, Moos Health Sci Tower 2-530, 15:00-15:50 T, Moos Health Sci Tower 2-530, 15:00-15:50 Th, Moos Health Sci Tower 2-530, 10:00-12:00 Th, Moos Health Sci Tower 2-650, In Person Term Based; Gary Hildebrandt ; 1.7 cr.
- 6435 Operative Dentistry I Laboratory**
(A-F or Audit; Prereq-Dental Anatomy, Biomaterials.)
67514 001 LAB, In Person Term Based; 2.3 cr.
- 6438 Operative Dentistry III**
(A-F or Audit; Prereq-Operative Dentistry [I, II], Operative Dentistry [I, II] Lab.)
57045 001 LEC, 8:00- 8:50 Th, Moos Health Sci Tower 2-620, 9:05- 9:55 T, Moos Health Sci Tower 2-530, In Person Term Based; Ignatius Lee, Gary Hildebrandt ; 3.8 cr.
- 6441 Operative Dentistry Clinic II**
(A-F only; Prereq: Operative Dentistry [I, II, III], Operative Dentistry [I, II] Lab.)
56907 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.)
56908 001 FWK, In Person Term Based; Gary Hildebrandt ; 7.5 cr.
- 6461 Endodontic Clinic D3**
(S-N only ;)
56913 001 FWK, In Person Term Based; Carolina Rodriguez-Figueroa ; 2 cr.
- 6462 Endodontic Clinic**
(A-F or Audit; ;)
57029 001 FWK, In Person Term Based; Carolina Rodriguez-Figueroa ; 2 cr.
- 6471 Preclinical Prosthodontics Single Crown Restoration Lecture II**
(A-F or Audit; ;)
56912 001 LEC, 8:00- 8:50 M, Moos Health Sci Tower 2-690, 9:05- 9:55 W, Moos Health Sci Tower 2-620, 8:00- 8:50 W, Moos Health Sci Tower 2-690, In Person Term Based; ; 1.5 cr.
- 6472 Preclinical Prosthodontic Single Crown Restoration Technique Laboratory II**
(A-F or Audit; ;)
56991 001 LAB, 9:05-12:05 MW, No Room Required, In Person Term Based; Ranier Adarve ; 3.3 cr.
- 6477 Preclinical Prosthodontics Technique Lecture V, Removable Partial Dentures**
(A-F only ;)
56992 001 LEC, 13:00-13:50 W, Moos Health Sci Tower 2-530, 13:00-13:50 M, Moos Health Sci Tower 2-530, 13:00-14:15 W, Moos Health Sci Tower 2-530, 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 ;)
56993 001 LAB, In Person Term Based; Meets With: 001 DDS 6486; 2.2 cr.
- 6479 Clinical Occlusion**
(A-F or Audit; Prereq: Enrolled in dentistry program)
57015 001 LEC, 10:10-11:00 M, Moos Health Sci Tower 2-530, In Person Term Based; 1 cr.
68718 002 LEC, 13:00-13:50 F, Moos Health Sci Tower 2-530, 13:00-13:50 M, Moos Health Sci Tower 2-530, 13:00-13:50 W, Moos Health Sci Tower 2-530, 13:00-13:50 F, Moos Health Sci Tower 2-530, In Person Term Based; ; 1 cr.
- 6481 Fixed Prosthodontics Clinic II**
(S-N only ;)
56909 001 LAB, In Person Term Based; Gary Cook ; 1 cr.
- 6482 Removable Prosthodontics Clinic II**
(S-N only ;)
56910 001 LAB, In Person Term Based; Gary Cook ; 1 cr.
- 6483 Fixed Prosthodontics Clinic IV**
(A-F only ;)
57050 001 FWK, In Person Term Based; Gary Cook ; 7.5 cr.
- 6484 Removable Prosthodontics Clinic IV**
(A-F only ;)
56911 001 FWK, In Person Term Based; Gary Cook ; 4 cr.
- 6485 Preclinical Removable Prosthodontics Lectures for PASS**
(A-F only ;)
57042 001 LEC, 13:00-13:50 W, Moos Health Sci Tower 2-530, 13:00-13:50 M, Moos Health Sci Tower 2-530, 13:00-14:15 W, Moos Health Sci Tower 2-530, In Person Term Based; Meets With: 001 DDS 6477; Jeffrey Hodd ; 2.5 cr.
- 6486 Removable Prosthodontics Laboratory for PASS**
(A-F only ;)
57043 001 LAB, In Person Term Based; Meets With: 001 DDS 6478; 2.2 cr.
- 6493 Prosthodontics I**
(A-F only; Prereq-Fundamentals of prosthodontics shape/color, aesthetics of anterior prosthodontics.)
56923 001 LEC, 8:30- 9:20 F, Moos Health Sci Tower 2-530, 8:30- 9:20 F, Moos Health Sci Tower 2-530, 7:30- 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 ;)
57064 001 IND, 00:00-00:00 , , In Person Term Based; Keith Mays ; 1 cr.
- 6601 Phillips Neighborhood Elective Volunteer Experience**
(No Grade Associated; ;)
57051 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)
57052 001 FWK, 00:00-00:00 , , In Person Term Based; Karin Quick, Sara Johnson ; 0 cr.
- 6603 Elective Regional Volunteer Experience**
(S-N only ;)
57053 001 FWK, 00:00-00:00 , , In Person Term Based; Karin Quick, Sara Johnson ; 0 cr.
- 6604 Elective Regional Volunteer Experience**
(S-N only ;)
57054 001 FWK, 00:00-00:00 , , In Person Term Based; Karin Quick, Sara Johnson ; 0 cr.
- 6608 Elective Externship I**
(S-N only ;)
57038 001 FWK, 00:00-00:00 , , In Person Term Based; Karin Quick ; 1-5 cr.
- 6609 Elective Externship II**
(S-N only ;)
57039 001 FWK, 00:00-00:00 , , In Person Term Based; Karin Quick ; 1-5 cr.
- 6610 Elective Externship III**
(S-N only ;)
57040 001 FWK, 00:00-00:00 , , In Person Term Based; Karin Quick ; 1-5 cr.
- 6611 Study Abroad Externship**
(S-N only ;)
57030 001 FWK, 00:00-00:00 , , In Person Term Based; Karin Quick ; 1-10 cr.
- 6621 Introduction to CAD/CAM Restorations**
(S-N only ;)
57031 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.)
57060 001 FWK, 00:00-00:00 , No Room Required, In Person Term Based; Carmen Real ; 0 cr.
- 6911 Essentials of Clinical Care: D3**
(S-N only; Prereq-DDS 3rd yr.)
57061 001 FWK, In Person Term Based; 0-18 cr.
- 6918 Evidence Based Dentistry**
(A-F only; Prereq-Must be in DDS program.)

57071 001 LEC, 15:10-17:00 W, Moos Health Sci Tower 2-530, In Person Term Based; 2 cr.

6921 Essentials of Clinical Care: D4

(S-N only; Prereq: DDS 4th yr.)
57062 001 FWK, In Person Term Based; Carmen Real ; 0-18 cr.

Dutch (DTCH)

1002 Beginning Dutch

(Student Option; Prereq: 1001)
53246 001 DIS, 9:05- 9:55 MTWThF, Folwell Hall 122, In Person Term Based; Meets With: 001 DTCH 4002; Jenneke Oosterhoff ; 5 cr.

1911 Anne Frank: Her Life and Legacy

(Student Option;)
66226 001 DIS, 13:00-14:15 TTh, Folwell Hall 107, In Person Term Based; Jenneke Oosterhoff ; 3 cr.

3012 Conversation and Composition

(Student Option; Prereq: 3011 or 4011)
55643 001 DIS, 16:40-17:55 TTh, Folwell Hall 107, 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.)
52586 001 IND, In Person Term Based; Jenneke Oosterhoff ; 1-5 cr.

4002 Beginning Dutch for Graduate

Research
(Student Option;)
53247 001 DIS, 9:05- 9:55 MTWThF, Folwell Hall 122, 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.)
52587 001 IND, In Person Term Based; 1-4 cr.

Early Modern Studies (EMS)

8100 Workshop in Early Modern Studies

(S-N only; Prereq: instr consent)
54109 001 LEC, 00:00-00:00 , , Primarily Online; JB Shank, Sarah Chambers ; 1-3 cr.

8250 Seminar in Early Modern Studies

(Student Option;)
69609 001 LEC, 13:25-15:20 Th, Hubert H. Humphrey School 15, In Person Term Based; Meets With: 001 ARTH 8320; Katharine Gerbner, Sinem Casale ; 3 cr.

Earth Sciences (ESCI)

1001 Earth and Its Environments

(Student Option; ENV,PHYS)
59023 001 LEC, 11:15-12:05 MWF, Bruininks Hall 230, In Person Term Based; Meets With: 101 ESCI 1101; Larry Edwards ; 4 cr.
59024 002 LEC, 9:45-11:00 TTh, Nicholson Hall 275, In Person Term Based; Meets With: 102 ESCI 1101; Andrew Wickert ; 4 cr.
59025 003 LEC, 13:00-14:15 TTh, Bruininks Hall 220, In Person Term Based; Meets With: 103 ESCI 1101; Christian Teyssier ; 4 cr.
59026 101 LAB, 9:05-10:45 M, Ford Hall 185, In Person Term Based; 4 cr.
59027 102 LAB, 12:20-14:00 M, Ford Hall 185, In Person Term Based; 4 cr.
59028 103 LAB, 14:30-16:10 M, Ford Hall 185, In Person Term Based; 4 cr.
59029 104 LAB, 16:30-18:10 M, Ford Hall 185, In Person Term Based; 4 cr.
59030 105 LAB, 11:15-12:55 T, Ford Hall 185, In Person Term Based; 4 cr.
59031 106 LAB, 14:30-16:10 T, Ford Hall 185, In Person Term Based; 4 cr.
59032 107 LAB, 16:30-18:10 T, Ford Hall 185, In Person Term Based; 4 cr.
59033 108 LAB, 9:05-10:45 W, Ford Hall 185, In Person Term Based; 4 cr.
59034 109 LAB, 12:20-14:00 W, Ford Hall 185, In Person Term Based; 4 cr.

59035 110 LAB, 14:30-16:10 W, Ford Hall 185, In Person Term Based; 4 cr.
59036 111 LAB, 16:30-18:10 W, Ford Hall 185, In Person Term Based; 4 cr.
59037 113 LAB, 13:25-15:05 Th, Ford Hall 185, In Person Term Based; 4 cr.
59258 112 LAB, 11:15-12:55 Th, Ford Hall 185, In Person Term Based; 4 cr.

1003 Dinosaurs and Our World

(Student Option; BIOL,ENV)
60078 001 LEC, 12:20-13:10 MWF, Nicholson Hall 275, In Person Term Based; Kent Kirkby ; 4 cr.
61131 101 LAB, 10:10-12:05 M, Tate Hall 160, In Person Term Based; 4 cr.
61133 102 LAB, 13:25-15:20 M, Tate Hall 160, In Person Term Based; 4 cr.
61134 103 LAB, 15:35-17:30 M, Tate Hall 160, In Person Term Based; 4 cr.
61135 104 LAB, 11:15-13:10 T, Tate Hall 160, In Person Term Based; 4 cr.
61136 105 LAB, 13:25-15:20 T, Tate Hall 160, In Person Term Based; 4 cr.
61137 106 LAB, 15:35-17:30 T, Tate Hall 160, In Person Term Based; 4 cr.
61138 107 LAB, 10:10-12:05 W, Tate Hall 160, In Person Term Based; 4 cr.
61139 108 LAB, 13:25-15:20 W, Tate Hall 160, In Person Term Based; 4 cr.
61140 109 LAB, 15:35-17:30 W, Tate Hall 160, In Person Term Based; 4 cr.

1005 Geology and Cinema

(Student Option; ENV,PHYS)
59196 001 LEC, 14:30-15:45 TTh, Willey Hall 175, In Person Term Based; Meets With: 001 ESCI 1105; Justin Revenaugh ; 4 cr.
59215 101 LAB, 9:05-11:00 M, Tate Hall 185, In Person Term Based; 4 cr.
59216 102 LAB, 11:15-13:10 M, Tate Hall 185, In Person Term Based; 4 cr.
59217 103 LAB, 13:25-15:20 M, Tate Hall 185, In Person Term Based; 4 cr.
59218 104 LAB, 15:35-17:30 M, Tate Hall 185, In Person Term Based; 4 cr.
59219 105 LAB, 10:10-12:05 T, Tate Hall 185, In Person Term Based; 4 cr.
59220 106 LAB, 12:20-14:15 T, Tate Hall 185, In Person Term Based; 4 cr.
59221 107 LAB, 16:10-18:05 T, Tate Hall 185, In Person Term Based; 4 cr.
59222 108 LAB, 9:05-11:00 W, Tate Hall 185, In Person Term Based; 4 cr.
59641 109 LAB, 11:15-13:10 W, Tate Hall 185, In Person Term Based; 4 cr.
59642 110 LAB, 13:25-15:20 W, Tate Hall 185, In Person Term Based; 4 cr.
59643 111 LAB, 15:35-17:30 W, Tate Hall 185, In Person Term Based; 4 cr.
59644 112 LAB, 10:10-12:05 Th, Tate Hall 185, In Person Term Based; 4 cr.
60657 113 LAB, 12:20-14:15 Th, Tate Hall 185, In Person Term Based; 4 cr.
60830 114 LAB, 17:45-19:40 W, Tate Hall 185, In Person Term Based; 4 cr.
60831 115 LAB, 17:45-19:40 M, Tate Hall 185, In Person Term Based; 4 cr.

1012 Natural Hazards and Disasters

(Student Option; TS)
60286 001 LEC, 10:10-11:00 MWF, Tate Hall 101, In Person Term Based; Ikuko Wada ; 3 cr.

1081 Conspiracies, Fraud, and Deception in Earth History

(Student Option;)
60750 001 LEC, 11:15-12:05 M, Kolthoff Hall 140, In Person Term Based; Hans-Olaf Pfannkuch ; 1 cr.

1101 Introduction to Geology

(Student Option; ENV)
58843 101 LEC, 11:15-12:05 MWF, Bruininks Hall 230, In Person Term Based; Meets With: 001 ESCI 1001; Larry Edwards ; 3 cr.
58850 D07 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Kent Kirkby ; 3 cr.
58851 E07 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Kent Kirkby ; 3 cr.
59096 B07 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Kent Kirkby ; 3 cr.
59097 C07 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Kent Kirkby ; 3 cr.
59834 102 LEC, 9:45-11:00 TTh, Nicholson Hall 275, In Person Term Based; Meets With: 002 ESCI 1001; Andrew Wickert ; 3 cr.

59835 103 LEC, 13:00-14:15 TTh, Bruininks Hall 220, In Person Term Based; Meets With: 003 ESCI 1001; Christian Teyssier ; 3 cr.

1105 Geology and Cinema

(Student Option; ENV)
59836 001 LEC, 14:30-15:45 TTh, Willey Hall 175, In Person Term Based; Meets With: 001 ESCI 1005; Justin Revenaugh ; 3 cr.

1907 Caves and Karst: Rocks, Water, and Human Impact

(Student Option No Audit; ENV)
66773 001 LEC, 15:15-16:30 MW, Tate Hall 120, In Person Term Based; Joshua Feinberg ; 3 cr.

2202 Earth History

(A-F only; Prereq: [2201, 2301] or instr consent)
60230 001 LEC, 9:45-11:00 TTh, Tate Hall 120, In Person Term Based; David Fox ; 4 cr.
60274 101 LAB, 9:05-10:45 M, Tate Hall 170, In Person Term Based; 4 cr.
60275 102 LAB, 11:15-12:55 M, Tate Hall 170, In Person Term Based; 4 cr.
60521 103 LAB, 14:30-16:10 M, Tate Hall 170, In Person Term Based; 4 cr.
60870 104 LAB, 16:40-18:20 M, Tate Hall 170, In Person Term Based; 4 cr.

2203 Earth Surface Dynamics

(A-F or Audit;)
60277 001 LEC, 11:15-12:30 TTh, Tate Hall 120, In Person Term Based; Chris Paola, Jake Bailey, Jeff Havig ; 4 cr.
60278 101 LAB, 9:05-10:45 W, Tate Hall 170, In Person Term Based; 4 cr.
60279 102 LAB, 11:15-12:55 W, Tate Hall 170, In Person Term Based; 4 cr.
60522 103 LAB, 14:30-16:10 W, Tate Hall 170, In Person Term Based; 4 cr.
60871 104 LAB, 16:40-18:20 W, Tate Hall 170, In Person Term Based; 4 cr.

2302 Petrology

(Student Option; Prereq: 2301 or instr consent)
58594 101 LAB, 9:05- 9:55 F, Tate Hall B55, In Person Term Based; 3 cr.
58595 102 LAB, 12:20-14:00 F, Tate Hall 180, In Person Term Based; 3 cr.
67366 001 LEC, 13:25-14:15 MW, Tate Hall 120, In Person Term Based; Rodey Batiza, Donna Whitney ; 3 cr.

3002 Climate Change and Human History

(A-F or Audit; ENV)
66965 001 LEC, 10:10-11:00 MWF, Tate Hall 120, In Person Term Based; Meets With: 001 ESCI 5102; Emi Ito ; 3 cr.

3093 Problems in Earth Sciences: Junior

(Student Option; Prereq: instr consent)
58759 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

3891 Field Methods

(A-F only;)
60176 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)
58760 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)
58761 001 IND, 00:00-00:00 , , In Person Term Based; 2 cr.

4204 Geomagnetism and Paleomagnetism

(Student Option; Prereq: 2201, Phys 1302, Math 1272 or instr consent)
66791 001 LEC, 9:45-11:00 TTh, Tate Hall B85, In Person Term Based; Meets With: 001 ESCI 8204; Bruce Moskowit ; 3 cr.

4212 Solid Earth Geophysics II

(A-F or Audit; Prereq: 2201, Phys 1302)
66792 001 LEC, 13:25-14:15 MWF, Tate Hall B85, In Person Term Based; Ikuko Wada ; 3 cr.

4401 Aqueous Environmental

Geochemistry
(Student Option;)
66795 001 LEC, 11:15-12:30 TTh, Tate Hall B85, In Person Term Based; Meets With: 001 ESCI 8401; William Seyfried ; 3 cr.

4602 Sedimentology and Stratigraphy

(Student Option; Prereq: [2203, 2301] or instr consent)

58596 001 LEC, 11:15-12:05 MW, Tate Hall 120, In Person Term Based; Chris Paola ; 3 cr.
 58597 101 LAB, 9:05-10:45 T, Tate Hall 180, In Person Term Based; 3 cr.
 58598 102 LAB, 11:15-12:55 T, Tate Hall 180, In Person Term Based; 3 cr.
 60876 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)

60114 001 LEC, 13:00-14:15 TTh, Tate Hall 120, In Person Term Based; Robert Tipping, Gene-Hua Ng, Peter K Kang ; 4 cr.
 60115 101 LAB, 9:05-10:45 F, Tate Hall 170, In Person Term Based; 4 cr.
 60524 102 LAB, 11:15-12:55 F, Tate Hall 170, In Person Term Based; 4 cr.
 60658 103 LAB, 13:25-15:05 F, Tate Hall 170, In Person Term Based; 4 cr.

4801 Geomicrobiology

(Student Option; Prereq: One semester college level biology)

60333 001 LEC, 14:30-15:45 TTh, Tate Hall B45, In Person Term Based; Meets With: 001 ESCI 8801; Jake Bailey, Cara Santelli ; 3 cr.

5102 Climate Change and Human History

(Student Option; Prereq: 1001 or equiv or instr consent)

66966 001 DIS, 10:10-11:00 MWF, Tate Hall 120, In Person Term Based; Meets With: 001 ESCI 3002; Eri Ito ; 3 cr.

5203 Mineral and Rock Physics

(Student Option; Prereq: 2201, Phys 1302)

60877 001 LEC, 11:15-12:05 MWF, Tate Hall B55, In Person Term Based; David Kohlstedt ; 3 cr.

5805 Standards and Practices for Professional Geoscientists

(Student Option;)

66837 001 LEC, 10:10-11:00 MW, Tate Hall B45, In Person Term Based; Joshua Feinberg ; 3 cr.

8204 Geomagnetism and Paleomagnetism

(Student Option; Prereq: 2201, Phys 1302, [Math 1272 or instr consent])

66838 001 LEC, 9:45-11:00 TTh, Tate Hall B85, In Person Term Based; Meets With: 001 ESCI 4204; Bruce Moskowitz ; 3 cr.

8333 FTE: Master's

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

58941 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8401 Aqueous Environmental Geochemistry

(Student Option; Prereq: Chem 5501 or instr consent)

66796 001 LEC, 11:15-12:30 TTh, Tate Hall B85, In Person Term Based; Meets With: 001 ESCI 4401; William Seyfried ; 3 cr.

8444 FTE: Doctoral

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

58957 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)

58973 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])

58992 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8801 Geomicrobiology

(Student Option; Prereq: One semester college level biology)

60659 001 LEC, 14:30-15:45 TTh, Tate Hall B45, In Person Term Based; Meets With: 001 ESCI 4801; Jake Bailey, Cara Santelli ; 3 cr.

8888 Thesis Credit: Doctoral

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

59012 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)

66863 001 LEC, 16:00-17:30 Th, Tate Hall B20, In Person Term Based; 1-4 cr.

8994 Research in Earth Sciences

(Student Option; Prereq: instr consent)

58800 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)

53281 001 LEC, 11:15-12:30 MW, Blegen Hall 220, In Person Term Based; Meets With: 001 HIST 3462; Ann Waltner ; 3-4 cr.

67686 002 DIS, 13:25-14:15 W, Social Sciences Building 278, In Person Term Based; Meets With: 002 HIST 3462; ; 3-4 cr.

67687 003 DIS, 14:30-15:20 W, Hubert H. Humphrey School 35, In Person Term Based; Meets With: 003 HIST 3462; ; 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 majorENV)

50133 001 LEC, 13:00-14:15 TTh, Burton Hall 120, In Person Term Based; Elizabeth Borer ; 3 cr.

3002 Sex, Evolution, and Behavior: Examining Human Evolutionary Biology (A-F or Audit;)

50265 001 LEC, 9:45-11:00 TTh, Anderson Hall 350, In Person Term Based; Meets With: 001 ANTH 3002; 4 cr.

50266 002 LAB, 10:10-11:00 M, Blegen Hall 318, In Person Term Based; Meets With: 002 ANTH 3002; 4 cr.

50267 003 LAB, 11:15-12:05 T, Blegen Hall 318, In Person Term Based; Meets With: 003 ANTH 3002; 4 cr.

50268 004 LAB, 14:30-15:20 T, Blegen Hall 318, In Person Term Based; Meets With: 004 ANTH 3002; 4 cr.

50269 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]WI)

50359 001 LEC, 9:00-10:15 TTh, Borlaug Hall 335, In Person Term Based; Allison Shaw, Eric Seabloom ; 4 cr.

50360 003 LAB, 16:30-19:30 T, Biological Sciences Ctr 6, In Person Term Based; Allison Shaw, Eric Seabloom ; 4 cr.

50361 002 LAB, 12:50-15:50 T, Biological Sciences Ctr 6, In Person Term Based; Allison Shaw, Eric Seabloom ; 4 cr.

50362 004 LAB, 8:30-11:30 W, Biological Sciences Ctr 6, In Person Term Based; Allison Shaw, Eric Seabloom ; 4 cr.

50363 005 LAB, 12:50-15:50 W, Biological Sciences Ctr 6, In Person Term Based; Allison Shaw, Eric Seabloom ; 4 cr.

50364 008 LAB, 16:30-19:30 Th, Biological Sciences Ctr 6, In Person Term Based; Allison Shaw, Eric Seabloom ; 4 cr.

50365 007 LAB, 12:50-15:50 Th, Biological Sciences Ctr 6, In Person Term Based; Allison Shaw, Eric Seabloom ; 4 cr.

68276 006 LAB, 17:10-20:10 W, Biological Sciences Ctr 6, In Person Term Based; Eric Seabloom, Allison Shaw ; 4 cr.

68277 009 LAB, 9:35-12:35 F, Biological Sciences Ctr 6, In Person Term Based; Eric Seabloom, Allison Shaw ; 4 cr.

3409 Evolution

(Student Option; Prereq: One semester college biology)

50354 001 LEC, 10:40-11:30 MW, Borlaug Hall 335, In Person Term Based; Meets With: 001 EEB 5409; William Harcombe, Emma Goldberg ; 3 cr.

50355 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.

50356 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.

50357 004 LAB, 11:45-14:45 W, Biological Sciences Ctr 245, In Person Term Based; Meets With: 004 EEB 5409; Emma Goldberg, William Harcombe ; 3 cr.

50358 007 LAB, 8:30-11:30 F, Biological Sciences Ctr 245, In Person Term Based; Meets With: 007 EEB 5409; Emma Goldberg, William Harcombe ; 3 cr.

68286 005 LAB, 9:35-12:35 Th, Biological Sciences Ctr 245, In Person Term Based; Meets With: 005 EEB 5409; Emma Goldberg, William Harcombe ; 3 cr.

68287 006 LAB, 13:55-16:55 Th, Biological Sciences Ctr 245, In Person Term Based; Meets With: 006 EEB 5409; Emma Goldberg, William Harcombe ; 3 cr.

3534 Biodiversity Science: The origins, maintenance, consequences, detection & assessment of biodiversity

(A-F only; 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 equivENV)

68221 001 LEC, 13:00-14:15 W, Ecology Building 505, 13:00-14:15 M, Ecology Building 170, In Person Term Based; Meets With: 001 EEB 5534; Jeannine Cavender-Bares ; 3 cr.

4134 Introduction to Ornithology

(Student Option; Prereq: BIOL 1001 or Biol 2012)

50000 001 LEC, 11:45-12:35 TTh, Hodson Hall 495, In Person Term Based; Keith Barker ; 4 cr.

50001 002 LAB, 8:30-11:30 T, Ecology Building 150, In Person Term Based; Keith Barker ; 4 cr.

50002 003 LAB, 8:30-11:30 Th, Ecology Building 150, In Person Term Based; Keith Barker ; 4 cr.

4611 Biogeochemical Processes

(Student Option; Prereq: [BIOC 2331, CHEM 2301, PHYS 1201] or instr consent)

50189 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)

50111 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)

50112 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)

50082 001 IND, 00:00-00:00 , , In Person Term Based; Jeannine Cavender-Bares ; 1-7 cr.

4994 Directed Research

(S-N only; Prereq: instr consent, dept consent)

50083 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

5409 Evolution

(Student Option; Prereq: One semester college biology)

50372 001 LEC, 10:40-11:30 MW, Borlaug Hall 335, In Person Term Based; Meets With: 001 EEB 3409; William Harcombe, Emma Goldberg ; 3 cr.

50373 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.

50374 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.

50375 004 LAB, 11:45-14:45 W, Biological Sciences Ctr 245, In Person Term Based; Meets With: 004 EEB 3409; Emma Goldberg, William Harcombe ; 3 cr.

50376 007 LAB, 8:30-11:30 F, Biological Sciences Ctr 245, In Person Term Based; Meets With: 007 EEB 3409; Emma Goldberg, William Harcombe ; 3 cr.

68299 005 LAB, 9:35-12:35 Th, Biological Sciences Ctr 245, In Person Term Based; Meets With: 005 EEB 3409; Emma Goldberg, William Harcombe ; 3 cr.

68302 006 LAB, 13:55-16:55 Th, Biological Sciences Ctr 245, In Person Term Based; Meets With: 006 EEB 3409; Emma Goldberg, William Harcombe ; 3 cr.

8503 Wages and Employment

(Student Option; Prereq: 8502 or instr consent)
54090 001 LEC, 16:30-19:50 W, Hanson Hall 4-168, In Person Term Based; Kyle Herkenhoff ; 2 cr.

8582 Advanced Topics in Labor Economics

(Student Option; Prereq: 8502 or instr consent)
67009 002 LEC, 10:00-11:40 TTh, Hanson Hall 4-190, In Person Term Based; Jeremy Lise ; 2 cr.
67010 001 LEC, 10:00-11:40 MW, Hanson Hall 4-170, In Person Term Based; Joseph Mullins ; 2 cr.

8603 Industrial Organization and Government Regulation

(Student Option; Prereq: 8602 or instr consent)
55064 001 LEC, 13:30-16:30 T, Blegen Hall 425, In Person Term Based; Joel Waldfogel ; 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)
52837 001 IND, In Person Term Based; 1-6 cr.

8692 Workshop in Applied Microeconomics

(Student Option; Prereq: instr consent)
54003 001 LEC, 12:00-13:30 T, Hanson Hall 4-190, In Person Term Based; Amil Petrin, Thomas Holmes ; 1-3 cr.

8702 Monetary Economics

(Student Option; Prereq: 8701 or instr consent)
67028 001 LEC, 15:30-16:50 MW, Hanson Hall 4-190, In Person Term Based; Varadarajan Chari ; 2 cr.

8703 Monetary Economics

(Student Option; Prereq: 8702 or instr consent)
55903 001 LEC, 13:30-14:50 MW, Hanson Hall 4-168, In Person Term Based; Cristina Arellano ; 2 cr.

8704 Financial Economics

(Student Option; Prereq: 8103, 8106 or instr consent)
67029 001 LEC, 14:30-15:50 TTh, Blegen Hall 335, 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])
52859 001 IND, In Person Term Based; 1-18 cr.

8792 Workshop in Macroeconomics

(Student Option; Prereq: instr consent)
54770 001 LEC, 9:00-11:00 M, Hanson Hall 4-190, In Person Term Based; Ellen McGrattan ; 1-3 cr.
55412 002 LEC, 14:00-16:00 Th, Hanson Hall 4-170, In Person Term Based; Jeremy Lise, Fatih Guvenen ; 1-3 cr.

8803 Public Economics

(Student Option; Prereq: 8802 or instr consent)
54070 001 LEC, 9:00-10:40 MW, Hanson Hall 4-168, 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)
52894 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8990 Individual Graduate Research

(Student Option; Prereq: instr consent)
52635 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

Education (EDUC)**8333 FTE: Master's**

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
50739 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
50745 001 IND, In Person Term Based; 1 cr.
50746 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)
50752 001 IND, In Person Term Based; 1-6 cr.
50753 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])
50761 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)
50734 001 IND, In Person Term Based; 1-24 cr.
50735 002 IND, In Person Term Based; 1-24 cr.

Educational Psychology (EPSY)**1261 Understanding Data Stories through Visualization & Computing**

(A-F only; MATH)
51770 001 LEC, 9:45-11:00 T, Appleby Hall 227, 9:45-11:00 Th, Appleby Hall 321, In Person Term Based; Suzanne Loch ; 3 cr.
51838 002 LEC, 9:45-11:00 MW, Appleby Hall 227, In Person Term Based; Suzanne Loch ; 3 cr.

1281 Psychological Science Applied

(A-F only; SOCS)
51702 001 LEC, 9:05-9:55 MW, Rapson Hall 100, In Person Term Based; Martin Van Boekel ; 4 cr.
51703 002 LAB, 15:35-16:25 TTh, Peik Hall 315, In Person Term Based; Martin Van Boekel ; 4 cr.
51704 003 LAB, 9:05-9:55 TTh, Peik Hall 315, In Person Term Based; Martin Van Boekel ; 4 cr.
51705 004 LAB, 15:35-16:25 TTh, Peik Hall 225, In Person Term Based; Martin Van Boekel ; 4 cr.
51706 005 LAB, 15:35-16:25 TTh, Peik Hall 215, In Person Term Based; Martin Van Boekel ; 4 cr.
51836 006 LAB, 9:05-9:55 TTh, Peik Hall 225, In Person Term Based; Martin Van Boekel ; 4 cr.
51881 007 LAB, 15:35-16:25 TTh, Peik Hall 375, In Person Term Based; Martin Van Boekel ; 4 cr.

2601 Understanding Differences, Disabilities, and the Career of Special Education

(A-F only;)
51558 001 LEC, 11:45-14:15 Th, Smith Hall 111, 11:45-14:15 T, Smith Hall 111, In Person Term Based; Rose Vukovic ; 4 cr.

3101 Creativity and Intelligence: an Introduction

(Student Option No Audit;)
51336 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Meets With: 001 EPSY 5101; William Bart ; 3 cr.

3105 Community Engaged Research Experiences in K-12 Contexts

(A-F only; DSJ)
68042 001 LEC, 14:30-17:25 T, Folwell Hall 112, In Person Term Based; Keisha Varma ; 3 cr.

3119 Learning, Cognition, and Assessment

(A-F or Audit;)
50510 001 LEC, 13:00-14:15 T, Anderson Hall 270, In Person Term Based; Meets With: 001 EPSY 5001; Martin Van Boekel ; 3 cr.
51464 002 LAB, 13:00-14:15 Th, Appleby Hall 303, In Person Term Based; Meets With: 002 EPSY 5001; Martin Van Boekel ; 3 cr.
51465 003 LAB, 13:00-14:15 Th, Appleby Hall 3, In Person Term Based; Meets With: 003 EPSY 5001; Martin Van Boekel ; 3 cr.
51556 004 LAB, 13:00-14:15 Th, Scott Hall 4, In Person Term Based; Meets With: 004 EPSY 5001; Martin Van Boekel ; 3 cr.

3132 Psychology of Multiculturalism in Education

(A-F or Audit; DSJ)
66633 001 LEC, 11:15-12:30 TTh, Peik Hall 215, In Person Term Based; Jessie Kember, Lori Boucher ; 3 cr.

3264 Basic and Applied Statistics

(Student Option; MATH)
50534 001 LEC, 9:45-11:00 MW, Bruininks Hall 512A, In Person Term Based; 3 cr.

50756 002 LEC, 9:45-11:00 TTh, Bruininks Hall 512A, In Person Term Based; 3 cr.
50794 003 LEC, 13:00-14:15 TTh, Bruininks Hall 512B, In Person Term Based; 3 cr.
51076 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;)
51559 001 FWK, In Person Term Based; Charissa O'Neill ; 1-2 cr.
51931 002 FWK, In Person Term Based; Charissa O'Neill ; 1-2 cr.
51932 003 FWK, In Person Term Based; Charissa O'Neill ; 1-2 cr.
51933 004 FWK, In Person Term Based; Charissa O'Neill ; 1-2 cr.
51954 005 FWK, 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)
66820 001 LEC, 13:00-14:15 MW, Elliott Hall N647, In Person Term Based; Jessie Kember ; 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.)
51525 001 DIS, 8:05-11:00 W, Peik Hall 225, In Person Term Based; 1 cr.

5001 Learning, Cognition, and Assessment

(Student Option; Prereq: MEd/initial licensure student or CLA music ed or preteaching major or instr consent; psych course recommended)
50694 001 LEC, 13:00-14:15 T, Anderson Hall 270, In Person Term Based; Meets With: 001 EPSY 3119; Martin Van Boekel ; 3 cr.
51462 002 LAB, 13:00-14:15 Th, Appleby Hall 303, In Person Term Based; Meets With: 002 EPSY 3119; Martin Van Boekel ; 3 cr.
51463 003 LAB, 13:00-14:15 Th, Appleby Hall 3, In Person Term Based; Meets With: 003 EPSY 3119; Martin Van Boekel ; 3 cr.
51557 004 LAB, 13:00-14:15 Th, Scott Hall 4, In Person Term Based; Meets With: 004 EPSY 3119; Martin Van Boekel ; 3 cr.
51633 005 LEC, 16:30-17:45 T, Peik Hall 215, In Person Term Based; 3 cr.
51634 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)
51438 001 FWK, 16:40-19:20 T, Peik Hall 225, Partially Online; 1 cr.

5101 Intelligence and Creativity

(A-F or Audit;)
51079 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;)
51868 001 LEC, 14:30-17:25 W, Appleby Hall 204, In Person Term Based; Martin Van Boekel ; 3 cr.

5151 Cooperative Learning

(Student Option;)
51486 001 LEC, 8:00-17:00 Sa, Peik Hall 28, 8:00-17:00 Sa, Peik Hall 28, 8:00-13:00 Sa, Peik Hall 28, In Person Term Based; David Johnson, Roger Johnson ; 3 cr.

5191 Education of the Gifted and Talented

(A-F or Audit;)
51699 001 LEC, 00:00-00:00 , ONLINE, Completely Online; William Bart ; 3 cr.

5243 Principles and Methods of Evaluation

(Student Option;)
51339 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Meets With: 001 OLPD 5501; Stuart Yeh ; 3 cr.

67437 002 LEC, 16:40-19:20 W, Peik Hall 155, In Person
Term Based; Meets With: 002 OLPD 5501; Karen Storm ;
3 cr.

5261 Introductory Statistical Methods

(Student Option;)
50540 001 LEC, 16:00-17:15 TTh, Bruininks Hall 512A, In
Person Term Based; Elizabeth Fry, Irene Duranczyk ; 3 cr.
50725 002 LEC, 00:00-00:00 , ONLINE, Completely Online;
Elizabeth Fry, Irene Duranczyk ; 3 cr.
68711 003 LEC, 00:00-00:00 , ONLINE, Completely Online;
Elizabeth Fry ; 3 cr.

5262 Intermediate Statistical Methods

(Student Option; Prereq: 3264 or 5261 or equiv)
51113 001 LEC, 00:00-00:00 , ONLINE, Completely Online;
Elizabeth Fry ; 3 cr.

5400 Special Topics in Counseling

Psychology
(Student Option;)
66896 001 LEC, 16:40-20:20 Th, Folwell Hall 28, In Person
Term Based; Kelli Howard ; 1-4 cr.

5401 Counseling Procedures

(Student Option; Prereq: Upper div student)
66498 001 LEC, 16:40-19:30 Th, Appleby Hall 223, In Person
Term Based; Sherri Turner ; 3 cr.

5435 Introduction to School Counseling

(A-F only; Prereq: CSPP grad student in school
counselor prog or instr consent)
50721 001 LEC, 16:40-19:20 T, Peik Hall 335, In Person
Term Based; Marguerite Ohrtman ; 3-6 cr.

5604 Transition From School to Work and Community Living for Persons With Special Needs

(Student Option;)
50507 001 LEC, 16:40-19:20 M, Ford Hall 130, In Person
Term Based; Virginia Zeyer ; 3 cr.

5605W Collaborative Practices for the Special Educator

(A-F only; WI)
51560 001 LEC, 16:40-19:20 T, Ford Hall 130, In Person
Term Based; Kathy Seifert ; 3 cr.

5613 Foundations of Special Education I

(A-F or Audit; DSJ)
50508 001 LEC, 13:00-14:15 TTh, Rapson Hall 45, In Person
Term Based; Amy Kunkel ; 3 cr.
51732 003 LEC, 16:40-19:20 W, Elliott Hall N647, In Person
Term Based; Michelle Marchant-Wood ; 3 cr.

5614W Assessment and Due Process in Special Education

(A-F or Audit; WI)
50504 001 LEC, 16:40-19:20 W, Vincent Hall 209, In Person
Term Based; Rose Vukovic ; 3 cr.
51707 002 LEC, 16:40-19:20 W, Bruininks Hall 123, In
Person Term Based; Kathy Seifert ; 3 cr.

5616W Classroom Management and Behavior Analytic Problem Solving

(Student Option; WI)
50724 002 LEC, 14:30-15:45 TTh, Peik Hall 335, In Person
Term Based; Michelle Marchant-Wood ; 3 cr.
50861 001 LEC, 14:30-15:45 TTh, Elliott Hall N119, In
Person Term Based; Amy Kunkel ; 3 cr.
51285 003 LEC, 16:40-19:20 Th, Peik Hall 215, In Person
Term Based; Meets With: 001 EPSY 5658; Robert Henery ;
3 cr.

5617 Academic and Social Interventions for Students with Mild to Moderate Disabilities

(A-F only; Prereq: instr consent)
51487 001 LEC, 16:40-19:20 Th, Ford Hall 130, 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;)
51857 001 DIS, 16:40-19:20 M, Peik Hall 165, In Person
Term Based; ; 3 cr.

5619W Specialized Interventions in Mathematics for Students with Mild to Moderate Disabilities

(A-F only; WI)
51858 001 LEC, 16:40-19:20 Th, Peik Hall 165, In Person
Term Based; 3 cr.

5623 Ethics in Applied Behavior Analysis

(A-F only;)
68575 001 LEC, 10:10-13:10 Th, Carlson School of Mgmt
1-122, In Person Term Based; Rebecca Kolb ; 3 cr.

5631 Module 1: Introduction to Augmentative and Alternative Communication

(A-F only;)
51489 001 LEC, Completely Online; 1 cr.

5645 Deaf Plus: Educating and Understanding Deaf Students with Disabilities

(A-F only;)
51871 001 LEC, 18:40-19:35 W, Folwell Hall 118, In Person
Term Based; 1 cr.

5646 Best Practices Teaching Reading and Writing for School Age: Deaf and Hard of Hearing

(A-F only;)
51860 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;)
51488 001 LEC, 16:40-19:20 T, Appleby Hall 223, In Person
Term Based; Brynn Roemen ; 3 cr.

5654 Current Research, Issues Trends in Deaf Education

(A-F only;)
51861 001 DIS, 16:40-18:30 W, Folwell Hall 118, In Person
Term Based; Debbie Golos ; 1 cr.

5656 Advanced Issues in Emotional Behavior Disorders

(A-F or Audit;)
51585 001 LEC, 16:40-19:20 T, Bruininks Hall 119, In Person
Term Based; 3 cr.

5657 Interventions for Behavioral Problems in School Settings

(A-F or Audit;)
66803 001 LEC, 14:30-15:45 MW, Wulling Hall 220, In
Person Term Based; 3 cr.

5658 Characteristics of Moderate to Severe Emotional/Behavioral Disorders

(A-F only; Prereq: Special Education graduate or
licensure student)
66840 001 LEC, 16:40-19:20 Th, Peik Hall 215, In Person
Term Based; Meets With: 003 EPSY 5616W; Robert
Henery ; 3 cr.

5681 Educating Preschoolers with Disabilities: Specialized Approaches and Interventions

(A-F only; Prereq: [5616, 5625] or instr consent)
50505 001 LEC, 16:40-19:20 M, Scott Hall 4, In Person Term
Based; LeAnne Johnson ; 3 cr.

5690 Experimental Teaching Seminar: ME Culminating Project

(A-F only; Prereq: instr consent)
51493 001 LEC, 16:40-18:20 W, Smith Hall 121, In Person
Term Based; Robert Henery ; 2 cr.

5701 Practicum: Field Experience in General Education - Inclusive Classrooms

(S-N only;)
50755 001 FWK, In Person Term Based; Charissa O'Neill ;
1-2 cr.
51934 002 FWK, In Person Term Based; Charissa O'Neill ;
1-2 cr.
51935 003 FWK, In Person Term Based; Charissa O'Neill ;
1-2 cr.
51936 004 FWK, In Person Term Based; Charissa O'Neill ;
1-2 cr.
51955 005 FWK, 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;)
51490 001 FWK, In Person Term Based; Charissa O'Neill ;
1-2 cr.
51864 002 FWK, In Person Term Based; Charissa O'Neill ;
1-2 cr.
51865 003 FWK, In Person Term Based; Janet Caven ; 1-2
cr.
51866 004 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;)
51491 001 FWK, In Person Term Based; Charissa O'Neill ;
1-2 cr.
51862 002 FWK, In Person Term Based; Charissa O'Neill ;
1-2 cr.
51863 003 FWK, In Person Term Based; Janet Caven ; 1-2
cr.
51869 004 FWK, In Person Term Based; Janet Caven ; 1-2
cr.

5706 Practicum in Moderate to Severe Developmental Disabilities

(S-N only;)
51811 001 LEC, In Person Term Based; Virginia Zeyer,
Robert Henery ; 2 cr.

5707 Practicum in Moderate to Severe Learning Disabilities

(S-N only;)
51755 001 FWK, Independent/Directed Study; Kathy Seifert,
Robert Henery ; 3 cr.

5708 Practicum in Moderate to Severe Emotional/Behavioral Disorders

(S-N only;)
51668 001 FWK, In Person Term Based; Robert Henery ; 3
cr.

5741 Student Teaching: Academic and Behavioral Strategist

(S-N only; Prereq: Special education licensure program
or instr consent)
51561 001 FWK, In Person Term Based; Robert Henery ; 3-6
cr.
51914 002 FWK, In Person Term Based; Robert Henery ; 3-6
cr.

5742 Student Teaching: Autism Spectrum Disorders

(S-N only;)
51562 001 FWK, In Person Term Based; Robert Henery ; 6
cr.

5751 Student Teaching for Deaf Education

(A-F only;)
68620 001 FWK, In Person Term Based; Janet Caven, Brynn
Roemen ; 1-6 cr.

5756 Student Teaching: Developmental Disabilities, Moderate/Severe

(A-F or Audit; Prereq: Completion of all licensure
coursework, instr consent)
68679 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 when possible)
51242 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)

51243 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;)

68595 001 FWK, In Person Term Based; ; 2 cr.

5849 Multi-tiered Systems of Support in Early Childhood Education (A-F only;)

66831 001 LEC, 14:30-17:20 W, Smith Hall 111, In Person Term Based; 3 cr.

5851 Engaging Diverse Students and Families

(Student Option; Prereq: Honors senior or grad student)

51828 001 DIS, 14:30-17:20 W, Appleby Hall 223, In Person Term Based; Annie Hansen-Burke ; 3 cr.

5991 Independent Study in Educational Psychology

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

50651 001 IND, In Person Term Based; Robert Henery ; 1-8 cr.

50652 002 IND, 00:00-00:00 , , Independent/Directed Study; 1-8 cr.

50653 003 IND, Independent/Directed Study; 1-8 cr.

50653 003 IND, Independent/Directed Study; 1-8 cr.

50654 004 IND, 00:00-00:00 , , Independent/Directed Study; 1-8 cr.

51583 005 IND, 00:00-00:00 , , Independent/Directed Study; 1-8 cr.

51756 006 IND, 16:40-18:20 W, Vincent Hall 313, In Person Term Based; Robert Henery ; 1-8 cr.

51928 007 IND, In Person Term Based; 1-8 cr.

8114 Seminar: Cognition and Learning

(Student Option;)

65700 002 LEC, 12:20-15:20 T, Education Sciences Bldg 320, In Person Term Based; Sashank Varma ; 3 cr.

8132 Personality Development and Socialization

(Student Option; Prereq: Personality or child psych course)

50541 001 LEC, 10:10-12:50 Th, Peik Hall 225, In Person Term Based; Carolyn Berger ; 3 cr.

8220 Special Topics: Seminar in Quantitative Methods

(Student Option;)

66362 001 LEC, 9:05-11:55 W, Amundson Hall 156, In Person Term Based; Mark Davison ; 1-6 cr.

67392 002 LEC, 13:00-15:45 Th, Education Sciences Bldg 320, In Person Term Based; Joseph Rios ; 1-6 cr.

8224 Performance Assessment Design and Analysis

(Student Option; Prereq: 5221, [5262 or 8261 or 8251 or equiv])

66245 001 LEC, 9:05-11:55 M, Peik Hall 215, 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])

51760 001 LEC, 16:00-17:15 MW, Ford Hall 155, In Person Term Based; Mark Davison ; 3 cr.

8251 Statistical Methods in Education I

(Student Option; Prereq: [EPSY 5261 or equiv] or undergrad statistics course)

66246 001 LEC, 14:30-17:20 T, Nicholson Hall 125, In Person Term Based; Michael Harwell ; 3 cr.

8252 Statistical Methods in Education II

(Student Option; Prereq: [8251, 8261 or equiv])

51333 001 LEC, 14:30-15:45 MW, Ford Hall 151, In Person Term Based; Andrew Zieffler ; 3 cr.

51643 002 LEC, 11:15-12:30 TTh, Burton Hall 125, In Person Term Based; Andrew Zieffler ; 3 cr.

51843 003 LEC, 13:00-14:15 TTh, Peik Hall 315, In Person Term Based; Bob delMas ; 3 cr.

8266 Statistical Analysis Using Structural Equation Methods

(Student Option; Prereq: 8265, [8252 or equiv])

51206 001 LEC, 11:15-12:30 TTh, Peik Hall 315, In Person Term Based; Michael Harwell, Geoffrey Maruyama ; 3 cr.

8268 Hierarchical Linear Modeling in Educational Research

(Student Option; Prereq: [8252 or equiv])

66247 001 LEC, 13:00-14:15 TTh, Appleby Hall 204, In Person Term Based; Michael Harwell ; 3 cr.

8333 FTE: Master's

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

50740 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8403 Social/Cultural Contexts: Counseling and Skills

(A-F or Audit; Prereq: Grad ed psy major with CSPP subprog or instr consent)

50509 001 DIS, 16:40-19:20 T, Elliott Hall N119, In Person Term Based; Carolyn Berger ; 3 cr.

8404 Group Counseling: Theory, Applications, and Skills

(A-F or Audit; Prereq: Ed psy MA or PhD student with CSPP subprog or instr consent)

50511 001 LEC, 10:10-12:50 F, Elliott Hall N647, In Person Term Based; Carolyn Berger ; 3 cr.

8407 Assessing and Counseling Clients With Psychological Disorders

(A-F only; Prereq: CSPP PhD or MA student or instr consent)

51117 001 LEC, 16:40-20:20 M, Burton Hall 123, In Person Term Based; Michael Butchko ; 4 cr.

8431 Master's Research Seminar: CSPP

(A-F or Audit; Prereq: 5261 or equiv, 5221 or equiv, EPSY MA student with CSPP subprog or instr consent)

51485 001 LEC, 16:40-19:20 M, Elliott Hall N647, In Person Term Based; Kelli Howard ; 3 cr.

8444 FTE: Doctoral

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

50747 001 IND, In Person Term Based; 1 cr.

8504 Counseling Practicum II

(A-F or Audit; Prereq: 8503 or instr consent)

50512 001 FWK, 16:30-18:30 W, Education Sciences Bldg 125, In Person Term Based; Kelli Howard ; 1-4 cr.

50774 003 FWK, 16:30-19:20 W, Peik Hall 315, In Person Term Based; Marguerite Ohrtman ; 1-4 cr.

8512 Internship: CSPP

(S-N only; Prereq: EdPsy PhD student with CSPP subprog)

50513 001 FWK, 00:00-00:00 , , In Person Term Based; 1-12 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)

50754 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8694 Research in Special Education

(Student Option;)

51211 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)

50506 001 LEC, 14:30-17:20 M, Peik Hall 215, In Person Term Based; Kristen McMaster ; 3 cr.

8708 Functional Behavior Assessment

(A-F only; Prereq: [Grad student, one [learning or psychology] course] or instr consent)

66842 001 LEC, 14:30-17:20 Th, Peik Hall 155, In Person Term Based; Jennifer McComas ; 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])

50762 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8813 Introductory Practicum in School Psychology

(A-F only;)

50532 001 FWK, 11:15-14:15 M, Peik Hall 315, In Person Term Based; Jessie Kember ; 2 cr.

8815 Behavioral and Social Emotional Prevention and Intervention

(A-F or Audit; Prereq: 8821, 8811, 8812)

50795 001 LEC, 14:30-17:30 T, Peik Hall 28, In Person Term Based; Faith Miller ; 3 cr.

8816 Academic Prevention and Intervention

(A-F or Audit;)

51759 001 LEC, 9:05-12:05 W, Peik Hall 215, In Person Term Based; Robin Coddling ; 3 cr.

8817 Problem Analysis and Consultation in School Psychology

(A-F or Audit;)

51404 001 LEC, 14:30-17:20 M, Appleby Hall 223, 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)

50533 001 FWK, 11:15-14:15 M, Peik Hall 335, In Person Term Based; Robin Coddling ; 2 cr.

8819 Emotion & Childhood Psychopathology

(A-F only;)

51680 001 LEC, 14:30-17:20 T, Peik Hall 155, In Person Term Based; Elyse Farnsworth ; 3 cr.

8822 Research in School Psychology

(A-F only;)

51907 001 LEC, 8:00-8:50 M, Ford Hall 170, In Person Term Based; Clayton Cook ; 3 cr.

8832 Advanced Practicum in School Psychology

(A-F only;)

51929 001 FWK, 14:15-17:15 M, Peik Hall 155, 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)

50695 001 FWK, 14:30-17:20 M, Peik Hall 225, In Person Term Based; 3 cr.

8842 Internship: School Psychological Services

(S-N or Audit; Prereq: Grad ed psy major with school psy subprog, instr consent)

50696 001 FWK, Independent/Directed Study; Annie Hansen-Burke ; 1-10 cr.

8843 Internship - School Psychology

(S-N only; Prereq: instr consent)

51761 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)

50768 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8905 History and Systems of Psychology: Landmark Issues in Educational Psychology

(Student Option; Prereq: Ed psy PhD student)

66186 001 LEC, 14:30-17:25 M, Smith Hall 111, In Person Term Based; Martin Van Boekel ; 3 cr.

8993 Directed Study: Educational Psychology

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

50659 001 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.

50660 002 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.

50661 003 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.

50662 004 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.

51708 005 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.

8994 Research Problems: Educational Psychology

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

50655 001 IND, In Person Term Based; 1-6 cr.

50656 002 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

50657 003 IND, In Person Term Based; 1-6 cr.

50658 004 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

51709 005 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

Educational/Human Development (EDHD)

1620 Current Topics: Strategies for Student Success

(Student Option;)

68864 001 LEC, 12:20-14:15 Th, Appleby Hall 103, In Person Term Based; Arien Telles ; 1-4 cr.

68865 002 LEC, 12:20-14:15 M, Ford Hall 155, In Person Term Based; Jonathan Andicoechea ; 1-4 cr.

68970 003 LEC, 14:30-16:25 Th, Vincent Hall 313, In Person Term Based; Jonathan Andicoechea ; 1-4 cr.

68971 004 LEC, 14:30-16:25 Th, Folwell Hall 107, In Person Term Based; A. Ort?z ; 1-4 cr.

68972 005 LEC, 9:05-11:00 F, Peik Hall 165, In Person Term Based; A. Ort?z ; 1-4 cr.

1909W Galileo on Trial in Italy

(A-F only; GP,WI)

68736 001 LEC, 14:30-17:00 M, Folwell Hall 123, In Person Term Based; Laura Coffin Koch ; 3 cr.

2201H Basics of Research Methods for Honors Students

(Student Option;)

51905 001 LEC, 10:10-11:00 MW, Peik Hall 165, In Person Term Based; Ethan Brown ; 2 cr.

2701 Your Future: Identity, Culture & Career Success

(Student Option No Audit;)

51915 001 LEC, 14:30-16:25 W, Civil Engineering Bldg 213, In Person Term Based; Jeannie Stumne ; 2 cr.

3161 Great Minds of the Renaissance

(A-F only; GP,HIS)

66737 001 DIS, 9:00-12:00 Sa, Folwell Hall 16, 9:00-12:00 Sa, Folwell Hall 16, In Person Term Based; Laura Coffin Koch ; 4 cr.

Electrical & Computer Eng (EE)

1001 Introduction to Electrical and Computer Engineering

(S-N or Audit;)

58715 001 LEC, 16:00-17:45 T, Bruininks Hall 131A, 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)

58857 001 LEC, 14:30-15:45 TTh, Smith Hall 231, In Person Term Based; David Orser ; 4 cr.

58858 002 LAB, 14:30-17:30 M, Keller Hall 4-138, In Person Term Based; David Orser ; 4 cr.

59121 005 LAB, 14:30-17:30 W, Keller Hall 4-138, In Person Term Based; David Orser ; 4 cr.

60848 003 LAB, 17:45-20:45 M, Keller Hall 4-138, In Person Term Based; David Orser ; 4 cr.

60849 008 LAB, 13:25-16:25 F, Keller Hall 4-138, In Person Term Based; David Orser ; 4 cr.

1701 Climate Crisis: Implementing Solutions

(Student Option; TS)

60847 001 LEC, 16:00-17:15 TTh, Mechanical Engineering 212, In Person Term Based; Ned Mohan ; 3 cr.

67814 882 LEC, 16:00-17:15 TTh, ONLINE, Completely Online; Ned Mohan ; 3 cr.

67815 883 LEC, 16:00-17:15 TTh, ONLINE, Completely Online; Ned Mohan ; 3 cr.

1703 Laboratory for Climate Crisis: Implementing Solutions

(Student Option; Prereq: EE 1701 or concurrent registration is required (or allowed) in EE 1701PHYS)

68059 001 LAB, 15:45-17:45 M, Keller Hall 3-146, In Person Term Based; Ned Mohan ; 1 cr.

68060 002 LAB, 15:45-17:45 W, Keller Hall 3-146, In Person Term Based; Ned Mohan ; 1 cr.

68062 003 LAB, 15:45-17:45 F, Keller Hall 3-146, In Person Term Based; Ned Mohan ; 1 cr.

68063 004 LAB, 14:00-16:00 Th, Keller Hall 3-146, In Person Term Based; Ned Mohan ; 1 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))

58650 001 LEC, 9:05-9:55 MWF, Akerman Hall 319, In Person Term Based; Jeong-Hyun Cho ; 3 cr.

58651 003 DIS, 15:35-16:25 W, Bruininks Hall 123, In Person Term Based; 3 cr.

58652 005 DIS, 13:25-14:15 Th, Bruininks Hall 117, 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)

58712 002 LAB, 13:25-15:20 M, Keller Hall 3-136, In Person Term Based; Jeong-Hyun Cho ; 1 cr.

58713 003 LAB, 15:35-17:30 M, Keller Hall 3-136, In Person Term Based; Jeong-Hyun Cho ; 1 cr.

58714 005 LAB, 10:10-12:05 T, Keller Hall 3-136, In Person Term Based; Jeong-Hyun Cho ; 1 cr.

59120 006 LAB, 13:25-15:20 Th, Keller Hall 3-136, In Person Term Based; Jeong-Hyun Cho ; 1 cr.

2011 Linear Systems, Circuits, and Electronics

(Student Option; Prereq: 2001)

58653 001 LEC, 12:20-13:10 MWF, Amundson Hall B75, In Person Term Based; Fikri Goksu ; 3 cr.

58654 002 DIS, 11:15-12:05 M, Keller Hall 3-170, In Person Term Based; 3 cr.

58655 003 DIS, 13:25-14:15 M, Keller Hall 3-170, In Person Term Based; 3 cr.

58656 005 DIS, 12:20-13:10 T, Keller Hall 3-170, In Person Term Based; 3 cr.

58657 006 DIS, 14:30-15:20 T, Keller Hall 3-170, In Person Term Based; 3 cr.

60766 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)

58528 001 LEC, 9:45-11:00 TTh, Akerman Hall 225, In Person Term Based; Vladimir Cherkassky ; 4 cr.

58529 014 LAB, 11:15-13:10 W, Keller Hall 2-178, In Person Term Based; Vladimir Cherkassky ; 4 cr.

58530 015 LAB, 13:25-15:20 W, Keller Hall 2-178, In Person Term Based; Vladimir Cherkassky ; 4 cr.

58531 017 LAB, 11:15-13:10 Th, Keller Hall 2-178, In Person Term Based; Vladimir Cherkassky ; 4 cr.

59119 016 LAB, 15:35-17:30 Th, Keller Hall 2-178, In Person Term Based; Vladimir Cherkassky ; 4 cr.

60202 002 DIS, 11:15-12:05 T, Bruininks Hall 117, In Person Term Based; 4 cr.

60209 005 DIS, 13:25-14:15 T, Akerman Hall 227, In Person Term Based; 4 cr.

2361 Introduction to Microcontrollers

(Student Option; Prereq: 2301, [1301 or CSCI 1113 or CSCI 1901])

58549 001 LEC, 9:45-11:00 TTh, Keller Hall 3-210, In Person Term Based; Changhyun Choi ; 4 cr.

58844 017 LAB, 8:00-9:55 M, Keller Hall 2-182, In Person Term Based; Changhyun Choi ; 4 cr.

58845 021 LAB, 11:15-13:10 T, Keller Hall 2-182, In Person Term Based; Changhyun Choi ; 4 cr.

58846 018 LAB, 10:10-12:05 M, Keller Hall 2-182, In Person Term Based; Changhyun Choi ; 4 cr.

58847 019 LAB, 14:30-16:25 M, Keller Hall 2-182, In Person Term Based; Changhyun Choi ; 4 cr.

59038 022 LAB, 13:25-15:20 T, Keller Hall 2-182, In Person Term Based; Changhyun Choi ; 4 cr.

59117 020 LAB, 16:40-18:35 M, Keller Hall 2-182, In Person Term Based; Changhyun Choi ; 4 cr.

59118 023 LAB, 15:35-17:30 T, Keller Hall 2-182, In Person Term Based; Changhyun Choi ; 4 cr.

59259 024 LAB, 8:00-9:55 W, Keller Hall 2-182, In Person Term Based; Changhyun Choi ; 4 cr.

59260 025 LAB, 10:10-12:05 W, Keller Hall 2-182, In Person Term Based; Changhyun Choi ; 4 cr.

60203 002 DIS, 11:15-12:05 Th, Keller Hall 4-138, In Person Term Based; 4 cr.

60204 003 DIS, 12:20-13:10 Th, Keller Hall 4-138, In Person Term Based; 4 cr.

60205 004 DIS, 13:25-14:15 Th, Keller Hall 4-138, In Person Term Based; 4 cr.

60206 005 DIS, 14:30-15:20 Th, Keller Hall 4-138, In Person Term Based; 4 cr.

60767 006 DIS, 11:15-12:05 F, Keller Hall 4-138, In Person Term Based; 4 cr.

60768 026 LAB, 14:30-16:25 W, Keller Hall 2-182, In Person Term Based; Changhyun Choi ; 4 cr.

60769 027 LAB, 16:40-18:35 W, Keller Hall 2-182, In Person Term Based; Changhyun Choi ; 4 cr.

2701 Sustainable Electricity Supply: Renewables and Conservation

(Student Option; TS)

68152 001 LEC, 13:25-14:40 MW, Keller Hall 3-111, In Person Term Based; Abhijit Kshirsagar ; 3 cr.

68175 883 LEC, 13:25-14:45 MW, ONLINE, Completely Online; Abhijit Kshirsagar, Ned Mohan ; 3 cr.

3005 Fundamentals of Electrical Engineering

(Student Option; Prereq: Math 2243, Phys 1302; not for EE majors)

58536 001 LEC, 9:05-9:55 MTWF, Keller Hall 3-230, In Person Term Based; Daniel Glumac ; 4 cr.

67352 883 LEC, 9:05-9:55 MTWF, ONLINE, Completely Online; Daniel Glumac ; 4 cr.

3006 Fundamentals of Electrical Engineering Laboratory

(Student Option; Prereq: Concurrent enrollment in 3005 is allowed but not required)

58537 004 LAB, 8:00-9:55 Th, Keller Hall 3-136, In Person Term Based; Daniel Glumac ; 1 cr.

58538 005 LAB, 10:10-12:05 Th, Keller Hall 3-136, In Person Term Based; Daniel Glumac ; 1 cr.

58539 006 LAB, 13:25-15:20 Th, Keller Hall 3-136, In Person Term Based; Daniel Glumac ; 1 cr.

58540 007 LAB, 15:35-17:30 Th, Keller Hall 3-136, In Person Term Based; Daniel Glumac ; 1 cr.

58541 008 LAB, 10:10-12:05 F, Keller Hall 3-136, In Person Term Based; Daniel Glumac ; 1 cr.

58542 009 LAB, 12:20-14:15 F, Keller Hall 3-136, In Person Term Based; Daniel Glumac ; 1 cr.

59116 002 LAB, 13:25-15:20 W, Keller Hall 3-136, In Person Term Based; Daniel Glumac ; 1 cr.

60011 011 LAB, 15:35-17:30 T, Keller Hall 3-136, In Person Term Based; Daniel Glumac ; 1 cr.

60690 010 LAB, 14:30-16:25 F, Keller Hall 3-136, In Person Term Based; Daniel Glumac ; 1 cr.

3015 Signals and Systems

(Student Option; Prereq: [2011, CSE Upper Division] or dept consent)

58658 001 LEC, 10:10-11:00 MWF, Keller Hall 3-125, In Person Term Based; Mingyi Hong ; 3 cr.

58659 002 DIS, 12:20-13:10 W, Keller Hall 3-170, In Person Term Based; 3 cr.

58660 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)

58532 001 LEC, 9:45-11:00 TTh, Amundson Hall B75, In Person Term Based; Fikri Goksu ; 3 cr.

58533 002 DIS, 12:20-13:10 M, Keller Hall 3-170, In Person Term Based; 3 cr.

58534 004 DIS, 11:15-12:05 T, Keller Hall 3-170, In Person Term Based; 3 cr.

58535 005 DIS, 11:15-12:05 Th, Keller Hall 3-170, In Person Term Based; 3 cr.

60369 006 DIS, 13:25-14:15 T, Keller Hall 3-170, In Person Term Based; 3 cr.

61045 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)

60012 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)

58664 001 LAB, 11:15-14:15 M, Keller Hall 3-144, In Person Term Based; Steven Koester; 2 cr.
 58665 005 LAB, 11:15-14:15 T, Keller Hall 3-144, In Person Term Based; Steven Koester; 2 cr.
 58888 006 LAB, 14:30-17:30 T, Keller Hall 3-144, In Person Term Based; Steven Koester; 2 cr.
 60370 004 LAB, 8:00-11:00 T, Keller Hall 3-144, In Person Term Based; Steven Koester; 2 cr.
 60691 003 LAB, 16:40-19:40 M, Keller Hall 3-144, In Person Term Based; Steven Koester; 2 cr.
 60851 007 LAB, 17:45-20:45 T, Keller Hall 3-144, In Person Term Based; Steven Koester; 2 cr.

3102 Circuits and Electronics Laboratory II (Student Option; Prereq: [3101 or CSE or dept consent], attendance first day of class.)

58666 004 LAB, 17:45-20:45 W, Keller Hall 3-144, In Person Term Based; Ted Higman; 2 cr.
 58667 005 LAB, 8:00-11:00 Th, Keller Hall 3-144, In Person Term Based; Ted Higman; 2 cr.
 58668 006 LAB, 11:15-14:15 Th, Keller Hall 3-144, In Person Term Based; Ted Higman; 2 cr.
 58669 007 LAB, 14:30-17:30 Th, Keller Hall 3-144, In Person Term Based; Ted Higman; 2 cr.
 58670 008 LAB, 17:45-20:45 Th, Keller Hall 3-144, In Person Term Based; Ted Higman; 2 cr.
 59050 002 LAB, 11:15-14:15 W, Keller Hall 3-144, In Person Term Based; Ted Higman; 2 cr.
 59051 003 LAB, 14:30-17:30 W, Keller Hall 3-144, In Person Term Based; Ted Higman; 2 cr.
 59691 009 LAB, 17:45-20:45 Th, Keller Hall 3-136, In Person Term Based; Ted Higman; 2 cr.
 60579 001 DIS, 15:35-16:25 T, Tate Hall B20, In Person Term Based; Ted Higman; 2 cr.
 60852 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)

58671 001 LEC, 15:35-16:25 MWF, Smith Hall 331, In Person Term Based; William Robbins; 3 cr.
 58672 003 DIS, 12:20-13:10 Th, Keller Hall 3-170, In Person Term Based; 3 cr.
 58906 005 DIS, 12:20-13:10 F, Keller Hall 3-170, In Person Term Based; 3 cr.
 60534 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)

58703 001 LEC, 8:15-9:30 TTh, Mechanical Engineering 18, In Person Term Based; Sang-Hyun Oh; 3 cr.
 58704 002 DIS, 13:25-14:15 T, Bruininks Hall 117, In Person Term Based; 3 cr.
 58705 003 DIS, 14:30-15:20 T, Akerman Hall 227, 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)

58661 001 LEC, 9:05-9:55 MWF, Mechanical Engineering 18, In Person Term Based; Abolghasem Mahmoodi; 3 cr.
 58662 004 DIS, 14:30-15:20 M, Bruininks Hall 121, In Person Term Based; 3 cr.
 58663 005 DIS, 11:15-12:05 T, Akerman Hall 227, In Person Term Based; 3 cr.
 59136 006 DIS, 12:20-13:10 T, Akerman Hall 227, In Person Term Based; 3 cr.

3990 Curricular Practical Training

(S-N only; Prereq: instr consent, undergrad EE or CompE major)

59841 001 FWK, 00:00-00:00, Independent/Directed Study; James Leger; 1-2 cr.

4044 Industrial Assignment III

(A-F only; Prereq: 4043W)

60013 001 FWK, 00:00-00:00, Independent/Directed Study; Ted Higman; 2 cr.

4111 Advanced Analog Electronics Design

(Student Option; Prereq: 3015, 3115)

58673 001 LEC, 15:35-16:25 MWF, Keller Hall 3-125, In Person Term Based; Ted Higman; 4 cr.
 59113 002 LAB, 13:25-15:20 T, Keller Hall 2-120, In Person Term Based; Ted Higman; 4 cr.
 60221 003 LAB, 15:35-17:30 T, Keller Hall 2-120, In Person Term Based; Ted Higman; 4 cr.

60698 883 LEC, 15:35-16:25 MWF, ONLINE, Completely Online; Ted Higman; 4 cr.

4161W Energy Conversion and Storage

(Student Option; Prereq: 3161 or instr consentWI)
 60220 001 LEC, 11:15-12:30 TTh, Bruininks Hall 312, 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)

60326 001 LAB, 8:00-11:00 T, Keller Hall 2-140, In Person Term Based; Philip Cohen; 1 cr.
 60327 002 LAB, 8:00-11:00 Th, Keller Hall 2-140, In Person Term Based; Philip Cohen; 1 cr.
 60853 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)

58681 001 LEC, 16:00-17:15 TTh, Tate Hall 105, In Person Term Based; murti salapaka; 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)

60169 002 LAB, 8:00-9:55 T, Keller Hall 2-188, In Person Term Based; murti salapaka; 1 cr.
 60170 004 LAB, 12:20-14:15 F, Keller Hall 2-188, In Person Term Based; murti salapaka; 1 cr.
 60498 003 LAB, 12:20-14:15 W, Keller Hall 2-188, In Person Term Based; murti salapaka; 1 cr.
 60554 001 LAB, 8:00-9:55 W, Keller Hall 2-188, In Person Term Based; murti salapaka; 1 cr.

4341 Embedded System Design

(Student Option; Prereq: 2301, 2361, upper div CSE)

58694 001 LEC, 11:15-12:05 MWF, Keller Hall 3-230, In Person Term Based; Thomas Posbergh; 4 cr.
 58695 003 LAB, 14:30-16:25 M, Keller Hall 2-172, In Person Term Based; Thomas Posbergh; 4 cr.
 58696 005 LAB, 10:10-12:05 T, Keller Hall 2-172, In Person Term Based; Thomas Posbergh; 4 cr.
 58697 006 LAB, 12:20-14:15 T, Keller Hall 2-172, In Person Term Based; Thomas Posbergh; 4 cr.
 58698 008 LAB, 8:00-9:55 Th, Keller Hall 2-172, In Person Term Based; Thomas Posbergh; 4 cr.
 59112 007 LAB, 12:20-14:15 W, Keller Hall 2-172, In Person Term Based; Thomas Posbergh; 4 cr.
 60854 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)

59166 001 LEC, 9:45-11:00 TTh, Smith Hall 231, In Person Term Based; Meets With: 001 CSCI 4203; Pen-Chung Yew; 4 cr.

4607 Wireless Hardware System Design

(Student Option; Prereq: [3015, 3115, 3601, CSE student] or dept consent)

60105 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)

60106 001 LEC, 14:30-15:45 WF, Rapson Hall 56, 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)

59791 001 LAB, 10:10-12:05 M, Keller Hall 3-146, In Person Term Based; Paul Imbertson; 1 cr.
 59977 002 LAB, 10:10-12:05 T, Keller Hall 3-146, In Person Term Based; Paul Imbertson; 1 cr.
 60109 003 LAB, 10:10-12:05 W, Keller Hall 3-146, In Person Term Based; Paul Imbertson; 1 cr.
 60111 005 LAB, 10:10-12:05 Th, Keller Hall 3-146, In Person Term Based; Paul Imbertson; 1 cr.
 60112 007 LAB, 12:20-14:15 F, Keller Hall 3-146, In Person Term Based; Paul Imbertson; 1 cr.
 60580 006 LAB, 8:00-9:55 F, Keller Hall 3-146, In Person Term Based; Paul Imbertson; 1 cr.

4951W Senior Design Project

(Student Option; Prereq: 3015, 3115, 3102, attendance first day of classWI)

58709 001 LEC, 14:30-15:45 TTh, Tate Hall 101, In Person Term Based; Paul Imbertson; 4 cr.

4970 Directed Study

(Student Option; Prereq: Cr ar [may be repeated for cr]; dept consent)

58710 001 IND, 00:00-00:00, In Person Term Based; Massoud Amin; 1-3 cr.
 59263 002 IND, 00:00-00:00, In Person Term Based; Kia Bazargan; 1-3 cr.
 59264 003 IND, 00:00-00:00, In Person Term Based; Stephen Campbell; 1-3 cr.
 59265 004 IND, 00:00-00:00, In Person Term Based; Vladimir Cherkassky; 1-3 cr.
 59267 006 IND, 00:00-00:00, In Person Term Based; Philip Cohen; 1-3 cr.
 59268 007 IND, 00:00-00:00, In Person Term Based; Rhonda Franklin; 1-3 cr.
 59269 008 IND, 00:00-00:00, In Person Term Based; Emad Ebbini; 1-3 cr.
 59270 009 IND, 00:00-00:00, In Person Term Based; Douglas Ernie; 1-3 cr.
 59273 012 IND, 00:00-00:00, In Person Term Based; Georgios Giannakis; 1-3 cr.
 59274 013 IND, 00:00-00:00, In Person Term Based; Anand Gopinath; 1-3 cr.
 59275 014 IND, 00:00-00:00, In Person Term Based; Ramesh Harjani; 1-3 cr.
 59276 015 IND, 00:00-00:00, In Person Term Based; Bin He; 1-3 cr.
 59277 016 IND, 00:00-00:00, In Person Term Based; Ted Higman; 1-3 cr.
 59279 018 IND, 00:00-00:00, In Person Term Based; Allison Hubel; 1-3 cr.
 59280 019 IND, 00:00-00:00, In Person Term Based; Paul Imbertson; 1-3 cr.
 59284 023 IND, 00:00-00:00, In Person Term Based; Mihailo Jovanovic; 1-3 cr.
 59285 024 IND, 00:00-00:00, In Person Term Based; Mostafa Kaveh; 1-3 cr.
 59289 028 IND, 00:00-00:00, In Person Term Based; Chris H. Kim; 1-3 cr.
 59290 029 IND, 00:00-00:00, In Person Term Based; Larry Kinney; 1-3 cr.
 59292 031 IND, 00:00-00:00, In Person Term Based; James Leger; 1-3 cr.
 59293 032 IND, 00:00-00:00, In Person Term Based; David Lilja; 1-3 cr.
 59294 033 IND, 00:00-00:00, In Person Term Based; Zhi-Quan Luo; 1-3 cr.
 59295 034 IND, 00:00-00:00, In Person Term Based; Ned Mohan; 1-3 cr.
 59298 037 IND, 00:00-00:00, In Person Term Based; Sang-Hyun Oh; 1-3 cr.
 59300 039 IND, 00:00-00:00, In Person Term Based; Keshab Parhi; 1-3 cr.
 59303 042 IND, 00:00-00:00, In Person Term Based; Thomas Posbergh; 1-3 cr.
 59304 043 IND, 00:00-00:00, In Person Term Based; Marc Riedel; 1-3 cr.
 59305 044 IND, 00:00-00:00, In Person Term Based; William Robbins; 1-3 cr.
 59307 046 IND, 00:00-00:00, In Person Term Based; Stergios Roumeliotis; 1-3 cr.
 59309 048 IND, 00:00-00:00, In Person Term Based; P Ruden; 1-3 cr.
 59310 049 IND, 00:00-00:00, In Person Term Based; Sachin Sapatnekar; 1-3 cr.
 59311 050 IND, 00:00-00:00, In Person Term Based; murti salapaka; 1-3 cr.
 59313 052 IND, 00:00-00:00, In Person Term Based; Gerald Sobelman; 1-3 cr.
 59314 053 IND, 00:00-00:00, In Person Term Based; Bethanie Stadler; 1-3 cr.
 59776 054 IND, 00:00-00:00, In Person Term Based; Joseph Talghader; 1-3 cr.
 59809 057 IND, 00:00-00:00, In Person Term Based; Randall Victoria; 1-3 cr.
 59810 058 IND, 00:00-00:00, In Person Term Based; Jianping Wang; 1-3 cr.
 59811 059 IND, 00:00-00:00, In Person Term Based; Bruce Wollenberg; 1-3 cr.

4982V Senior Honors Project II

(Student Option; Prereq: 4981WI)

58711 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)

60611 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)

58674 001 LEC, 16:00-17:15 MW, Keller Hall 3-115, In Person Term Based; Sarah Swisher ; 3 cr.
59229 883 LEC, 16:00-17:15 MW, ONLINE, Completely Online; Sarah Swisher ; 3 cr.

5235 Robust Control System Design

(Student Option; Prereq: CSE grad, 3015, 5231 or instr consent)

59049 001 LEC, 9:45-11:00 TTh, Mechanical Engineering 212, In Person Term Based; Meets With: 001 AEM 8421; Peter Seiler Jr ; 3 cr.
59243 883 LEC, 9:45-11:00 TTh, ONLINE, Completely Online; Peter Seiler Jr ; 3 cr.

5324 VLSI Design II

(Student Option; Prereq: [5323, CSE grad student] or dept consent)

58550 001 LEC, 13:00-14:15 TTh, Keller Hall 3-125, In Person Term Based; Kia Bazargan ; 3 cr.
59233 883 LEC, 13:00-14:15 TTh, ONLINE, Completely Online; Kia Bazargan ; 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)

59039 001 LEC, 15:35-17:30 T, Akerman Hall 319, In Person Term Based; Gerald Sobelman ; 3 cr.
59040 002 LAB, 15:35-17:30 Th, Keller Hall 2-120, In Person Term Based; Gerald Sobelman ; 3 cr.
59065 003 LAB, 15:35-17:30 F, Keller Hall 2-120, In Person Term Based; Gerald Sobelman ; 3 cr.
60703 004 LAB, 13:25-15:20 F, Keller Hall 2-120, In Person Term Based; Gerald Sobelman ; 3 cr.

5329 VLSI Digital Signal Processing Systems

(Student Option; Prereq: [[5323 or concurrent registration is required (or allowed) in 5323], CSE grad student] or dept consent)

67790 001 LEC, 9:45-11:00 TTh, Mechanical Engineering 102, In Person Term Based; Keshab Parhi ; 3 cr.
67817 883 LEC, 9:45-11:00 TTh, ONLINE, Completely Online; Keshab Parhi ; 3 cr.

5355 Algorithmic Techniques for Scalable Many-core Computing

(Student Option; Prereq: basic knowledge of CUDA, experience working in a Unix environment, and experience developing and running scientific codes written in C or C++. Completion of EE 5351 is not required but highly recommended.)

67791 001 LEC, 14:30-15:45 TTh, Keller Hall 3-210, In Person Term Based; John Sartori ; 3 cr.
67796 883 LEC, 14:30-15:45 TTh, ONLINE, Completely Online; John Sartori ; 3 cr.

5393 Circuits, Computation, and Biology

(Student Option; Prereq: MATH 2263 or dept consent)

60406 001 LEC, 9:45-11:00 MW, Keller Hall 3-210, In Person Term Based; Marc Riedel ; 3 cr.
60410 883 LEC, 9:45-11:00 MW, ONLINE, Completely Online; Marc Riedel ; 3 cr.

5505 Wireless Communication

(Student Option; Prereq: [4501, CSE grad student] or dept consent; 5501 recommended)

60756 001 LEC, 9:45-11:00 MW, Mechanical Engineering 102, In Person Term Based; Martina Cardone ; 3 cr.
60764 883 LEC, 9:45-11:00 MW, ONLINE, Completely Online; Martina Cardone ; 3 cr.

5561 Image Processing and Applications

(Student Option; Prereq: [4541, 5581, CSE grad student] or instr consent)

67797 001 LEC, 14:30-15:45 TTh, Vincent Hall 209, In Person Term Based; Mehmet Akcakaya ; 3 cr.

5601 Introduction to RF/Microwave Engineering

(Student Option; Prereq: [3601, CSE grad student] or dept consent)

59111 001 LEC, 14:30-15:45 TTh, Keller Hall 3-125, In Person Term Based; Rhonda Franklin ; 3 cr.
59225 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)

58859 001 LEC, 13:25-14:15 W, Amundson Hall 124, In Person Term Based; Rhonda Franklin ; 2 cr.

58860 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)

58848 001 LEC, 13:00-14:15 TTh, Keller Hall 3-115, In Person Term Based; James Leger ; 3 cr.
59669 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)

58849 001 LAB, 14:30-16:25 M, Keller Hall 2-158, In Person Term Based; James Leger ; 1 cr.

5649 Infrared Devices and Technology

(Student Option;)

67800 001 LEC, 11:15-12:30 MW, Amundson Hall 158, In Person Term Based; Joseph Talghader ; 3 cr.

5657 Physical Principles of Thin Film Technology

(Student Option;)

67802 001 LEC, 9:45-11:00 TTh, Akerman Hall 211, In Person Term Based; Bethanie Stadler ; 4 cr.

5741 Advanced Power Electronics

(Student Option; Prereq: CSE grad student] or dept consent)

67806 001 LEC, 9:45-11:00 TTh, Keller Hall 3-111, In Person Term Based; William Robbins, Ned Mohan ; 3 cr.
67807 883 LEC, 9:45-11:00 TTh, ONLINE, Completely Online; William Robbins, Ned Mohan ; 3 cr.

5990 Curricular Practical Training

(S-N or Audit; Prereq: Grad student, instr consent)

59095 001 FWK, 00:00-00:00 , , In Person Term Based; Martina Cardone ; 1-2 cr.
59589 002 FWK, 00:00-00:00 , , In Person Term Based; Kia Bazargan ; 1-2 cr.
59590 003 FWK, 00:00-00:00 , , In Person Term Based; Stephen Campbell ; 1-2 cr.
59591 004 FWK, 00:00-00:00 , , In Person Term Based; Vladimir Cherkassky ; 1-2 cr.
59592 005 FWK, 00:00-00:00 , , In Person Term Based; Changhyun Choi ; 1-2 cr.
59593 006 FWK, 00:00-00:00 , , In Person Term Based; Philip Cohen ; 1-2 cr.
59594 007 FWK, 00:00-00:00 , , In Person Term Based; Rhonda Franklin ; 1-2 cr.
59595 008 FWK, 00:00-00:00 , , In Person Term Based; Emad Ebbini ; 1-2 cr.
59596 009 FWK, 00:00-00:00 , , In Person Term Based; Douglas Ernie ; 1-2 cr.
59597 010 FWK, 00:00-00:00 , , In Person Term Based; Mingyi Hong ; 1-2 cr.
59599 012 FWK, 00:00-00:00 , , In Person Term Based; Georgios Giannakis ; 1-2 cr.
59600 013 FWK, 00:00-00:00 , , In Person Term Based; Anand Gopinath ; 1-2 cr.
59601 014 FWK, 00:00-00:00 , , In Person Term Based; Ramesh Harjani ; 1-2 cr.
59602 015 FWK, 00:00-00:00 , , In Person Term Based; Bin He ; 1-2 cr.
59603 016 FWK, 00:00-00:00 , , In Person Term Based; Ted Higman ; 1-2 cr.
59605 018 FWK, 00:00-00:00 , , In Person Term Based; Allison Hubel ; 1-2 cr.
59606 019 FWK, 00:00-00:00 , , In Person Term Based; Paul Imbertson ; 1-2 cr.
59611 024 FWK, 00:00-00:00 , , In Person Term Based; Mostafa Kaveh ; 1-2 cr.
59614 027 FWK, 00:00-00:00 , , In Person Term Based; Ulya Karpuzcu ; 1-2 cr.
59615 028 FWK, 00:00-00:00 , , In Person Term Based; Chris H. Kim ; 1-2 cr.
59617 030 FWK, 00:00-00:00 , , In Person Term Based; Andrew Lamperski ; 1-2 cr.
59618 031 FWK, 00:00-00:00 , , In Person Term Based; James Leger ; 1-2 cr.
59619 032 FWK, 00:00-00:00 , , In Person Term Based; David Lilja ; 1-2 cr.
59620 033 FWK, 00:00-00:00 , , In Person Term Based; Zhi-Quan Luo ; 1-2 cr.
59621 034 FWK, 00:00-00:00 , , In Person Term Based; Ned Mohan ; 1-2 cr.
59624 037 FWK, 00:00-00:00 , , In Person Term Based; Sang-Hyun Oh ; 1-2 cr.
59626 039 FWK, 00:00-00:00 , , In Person Term Based; Keshab Parhi ; 1-2 cr.
59629 042 FWK, 00:00-00:00 , , In Person Term Based; Thomas Posbergh ; 1-2 cr.

59630 043 FWK, 00:00-00:00 , , In Person Term Based; Marc Riedel ; 1-2 cr.

59631 044 FWK, 00:00-00:00 , , In Person Term Based; William Robbins ; 1-2 cr.
59633 046 FWK, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis ; 1-2 cr.
59634 047 FWK, 00:00-00:00 , , In Person Term Based; John Sartori ; 1-2 cr.
59635 048 FWK, 00:00-00:00 , , In Person Term Based; P Ruden ; 1-2 cr.
59636 049 FWK, 00:00-00:00 , , In Person Term Based; Sachin Sapatnekar ; 1-2 cr.
59637 050 FWK, 00:00-00:00 , , In Person Term Based; murti salapaka ; 1-2 cr.
59639 052 FWK, 00:00-00:00 , , In Person Term Based; Gerald Sobelman ; 1-2 cr.
59640 053 FWK, 00:00-00:00 , , In Person Term Based; Bethanie Stadler ; 1-2 cr.
59820 054 FWK, 00:00-00:00 , , In Person Term Based; Joseph Talghader ; 1-2 cr.
59822 056 FWK, 00:00-00:00 , , In Person Term Based; Yahya Tousei ; 1-2 cr.
59823 057 FWK, 00:00-00:00 , , In Person Term Based; Randall Victoria ; 1-2 cr.
59824 058 FWK, 00:00-00:00 , , In Person Term Based; Jianping Wang ; 1-2 cr.

8231 Optimization Theory

(Student Option; Prereq: instr consent)

67808 001 LEC, 14:30-15:45 WF, Keller Hall 3-115, In Person Term Based; Andrew Lamperski ; 3 cr.
67910 883 LEC, 14:30-15:45 WF, ONLINE, Completely Online; Andrew Lamperski ; 3 cr.

8333 FTE: Master's

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

58940 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8337 Analog Circuits for Wire/Wireless Communications

(A-F or Audit; Prereq: 5333)

66467 001 LEC, 9:05-9:55 MWF, Keller Hall 3-125, In Person Term Based; Ramesh Harjani ; 3 cr.
66932 883 LEC, 9:05-9:55 MWF, ONLINE, Completely Online; Ramesh Harjani ; 3 cr.

8367 Parallel Computer Organization

(Student Option; Prereq: 5364 or CSci 5204)

59231 883 LEC, 11:15-12:30 TTh, ONLINE, Completely Online; Antonia Zhai ; 3 cr.
60412 001 LEC, 11:15-12:30 TTh, Keller Hall 3-111, In Person Term Based; Meets With: 001 CSCI 8205; Antonia Zhai ; 3 cr.

8444 FTE: Doctoral

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

58956 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8510 Advanced Topics in Communications

(Student Option; Prereq: instr consent)

67789 001 LEC, 13:00-14:15 MW, Vincent Hall 213, In Person Term Based; Soheil Mohajer ; 1-3 cr.

8520 Advanced Topics in Signal Processing

(Student Option; Prereq: instr consent)

60761 001 LEC, 11:15-12:30 MW, Mechanical Engineering 102, In Person Term Based; Jarvis Haupt ; 1-3 cr.

8581 Detection and Estimation Theory

(Student Option; Prereq: 5531 or instr consent)

58975 001 LEC, 11:15-12:30 TTh, Mechanical Engineering 102, In Person Term Based; Georgios Giannakis ; 3 cr.
59226 883 LEC, 11:15-12:30 TTh, ONLINE, Completely Online; Georgios Giannakis ; 3 cr.

8660 Seminar: Magnetism

(S-N or Audit;)

58781 001 LEC, 14:30-15:20 F, Keller Hall 3-125, In Person Term Based; Jianping Wang ; 1 cr.
59228 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)
58972 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8744 Modeling, Analysis, and Control of Renewable Energy Systems

(Student Option;)
67857 001 LEC, 16:00-17:15 MW, Keller Hall 3-111, In Person Term Based; Sairaj Dhople ; 3 cr.
68659 883 LEC, 16:00-17:15 MW, ONLINE, Completely Online; Sairaj Dhople ; 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])
58991 001 IND, 00:00-00:00 , In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated;)
59011 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)
58707 001 IND, 00:00-00:00 , In Person Term Based; Ulya Karpuzcu ; 1-3 cr.
59986 002 IND, 00:00-00:00 , In Person Term Based; Kia Bazargan ; 1-3 cr.
59987 003 IND, 00:00-00:00 , In Person Term Based; Stephen Campbell ; 1-3 cr.
59988 004 IND, 00:00-00:00 , In Person Term Based; Vladimir Cherkassky ; 1-3 cr.
59990 006 IND, 00:00-00:00 , In Person Term Based; Philip Cohen ; 1-3 cr.
59991 007 IND, 00:00-00:00 , In Person Term Based; Rhonda Franklin ; 1-3 cr.
59992 008 IND, 00:00-00:00 , In Person Term Based; Emad Ebbini ; 1-3 cr.
59993 009 IND, 00:00-00:00 , In Person Term Based; Douglas Ernie ; 1-3 cr.
59995 011 IND, 00:00-00:00 , In Person Term Based; Tryphon Georgiou ; 1-3 cr.
59996 012 IND, 00:00-00:00 , In Person Term Based; Georgios Giannakis ; 1-3 cr.
59997 013 IND, 00:00-00:00 , In Person Term Based; Anand Gopinath ; 1-3 cr.
59998 014 IND, 00:00-00:00 , In Person Term Based; Ramesh Harjani ; 1-3 cr.
59999 015 IND, 00:00-00:00 , In Person Term Based; Bin He ; 1-3 cr.
60000 016 IND, 00:00-00:00 , In Person Term Based; Ted Higman ; 1-3 cr.
60003 019 IND, 00:00-00:00 , In Person Term Based; Paul Imbertson ; 1-3 cr.
60004 018 IND, 00:00-00:00 , In Person Term Based; Allison Hubel ; 1-3 cr.
60005 021 IND, 00:00-00:00 , In Person Term Based; Heinrich Jacobs ; 1-3 cr.
60006 037 IND, 00:00-00:00 , In Person Term Based; Sang-Hyun Oh ; 1-3 cr.
60016 023 IND, 00:00-00:00 , In Person Term Based; Mihailo Jovanovic ; 1-3 cr.
60017 024 IND, 00:00-00:00 , In Person Term Based; Mostafa Kaveh ; 1-3 cr.
60021 028 IND, 00:00-00:00 , In Person Term Based; Chris H. Kim ; 1-3 cr.
60022 029 IND, 00:00-00:00 , In Person Term Based; Larry Kinney ; 1-3 cr.
60024 031 IND, 00:00-00:00 , In Person Term Based; James Leger ; 1-3 cr.
60025 032 IND, 00:00-00:00 , In Person Term Based; David Lilja ; 1-3 cr.
60026 033 IND, 00:00-00:00 , In Person Term Based; Zhi-Quan Luo ; 1-3 cr.
60027 034 IND, 00:00-00:00 , In Person Term Based; Ned Mohan ; 1-3 cr.
60031 039 IND, 00:00-00:00 , In Person Term Based; Keshab Parhi ; 1-3 cr.
60034 042 IND, 00:00-00:00 , In Person Term Based; Thomas Posbergh ; 1-3 cr.
60035 043 IND, 00:00-00:00 , In Person Term Based; Marc Riedel ; 1-3 cr.
60036 044 IND, 00:00-00:00 , In Person Term Based; William Robbins ; 1-3 cr.
60037 045 IND, 00:00-00:00 , In Person Term Based; Charles Rennolet ; 1-3 cr.
60038 046 IND, 00:00-00:00 , In Person Term Based; Stergios Roumeliotis ; 1-3 cr.
60040 048 IND, 00:00-00:00 , In Person Term Based; P Ruden ; 1-3 cr.
60041 049 IND, 00:00-00:00 , In Person Term Based; Sachin Sapatnekar ; 1-3 cr.
60042 050 IND, 00:00-00:00 , In Person Term Based; murti salapaka ; 1-3 cr.
60043 051 IND, 00:00-00:00 , In Person Term Based; John Sartori ; 1-3 cr.
60044 052 IND, 00:00-00:00 , In Person Term Based; Gerald Sobelman ; 1-3 cr.

60045 053 IND, 00:00-00:00 , In Person Term Based; Bethanie Stadler ; 1-3 cr.
60046 054 IND, 00:00-00:00 , In Person Term Based; Joseph Talghader ; 1-3 cr.
60049 057 IND, 00:00-00:00 , In Person Term Based; Randall Victoria ; 1-3 cr.
60051 058 IND, 00:00-00:00 , In Person Term Based; Jianping Wang ; 1-3 cr.
60052 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)
60535 001 LEC, 11:15-12:30 MW, Amundson Hall 120, In Person Term Based; Steven Koester ; 1-3 cr.

8965 Plan C Project I

(Student Option; Prereq: Grad EE major)
59846 001 IND, 00:00-00:00 , Independent/Directed Study; 3 cr.
59847 002 IND, 00:00-00:00 , Independent/Directed Study; Kia Bazargan ; 3 cr.
59848 003 IND, 00:00-00:00 , Independent/Directed Study; Stephen Campbell ; 3 cr.
59849 004 IND, 00:00-00:00 , Independent/Directed Study; Vladimir Cherkassky ; 3 cr.
59850 005 IND, 00:00-00:00 , Independent/Directed Study; 3 cr.
59851 006 IND, 00:00-00:00 , Independent/Directed Study; Philip Cohen ; 3 cr.
59852 007 IND, 00:00-00:00 , Independent/Directed Study; Rhonda Franklin ; 3 cr.
59853 008 IND, 00:00-00:00 , Independent/Directed Study; Emad Ebbini ; 3 cr.
59854 009 IND, 00:00-00:00 , Independent/Directed Study; Douglas Ernie ; 3 cr.
59856 011 IND, 00:00-00:00 , Independent/Directed Study; Tryphon Georgiou ; 3 cr.
59857 012 IND, 00:00-00:00 , Independent/Directed Study; Georgios Giannakis ; 3 cr.
59858 013 IND, 00:00-00:00 , Independent/Directed Study; Anand Gopinath ; 3 cr.
59859 014 IND, 00:00-00:00 , Independent/Directed Study; Ramesh Harjani ; 3 cr.
59860 015 IND, 00:00-00:00 , Independent/Directed Study; Bin He ; 3 cr.
59861 016 IND, 00:00-00:00 , Independent/Directed Study; Ted Higman ; 3 cr.
59863 018 IND, 00:00-00:00 , Independent/Directed Study; Allison Hubel ; 3 cr.
59864 019 IND, 00:00-00:00 , Independent/Directed Study; Paul Imbertson ; 3 cr.
59866 021 IND, 00:00-00:00 , Independent/Directed Study; Heinrich Jacobs ; 3 cr.
59868 023 IND, 00:00-00:00 , Independent/Directed Study; Mihailo Jovanovic ; 3 cr.
59869 024 IND, 00:00-00:00 , Independent/Directed Study; Mostafa Kaveh ; 3 cr.
59873 028 IND, 00:00-00:00 , Independent/Directed Study; Chris H. Kim ; 3 cr.
59874 029 IND, 00:00-00:00 , Independent/Directed Study; Larry Kinney ; 3 cr.
59876 031 IND, 00:00-00:00 , Independent/Directed Study; James Leger ; 3 cr.
59877 032 IND, 00:00-00:00 , Independent/Directed Study; David Lilja ; 3 cr.
59878 033 IND, 00:00-00:00 , Independent/Directed Study; Zhi-Quan Luo ; 3 cr.
59879 034 IND, 00:00-00:00 , Independent/Directed Study; Ned Mohan ; 3 cr.
59882 037 IND, 00:00-00:00 , Independent/Directed Study; Sang-Hyun Oh ; 3 cr.
59884 039 IND, 00:00-00:00 , Independent/Directed Study; Keshab Parhi ; 3 cr.
59887 042 IND, 00:00-00:00 , Independent/Directed Study; Thomas Posbergh ; 3 cr.
59888 043 IND, 00:00-00:00 , Independent/Directed Study; Marc Riedel ; 3 cr.
59889 044 IND, 00:00-00:00 , Independent/Directed Study; William Robbins ; 3 cr.
59890 045 IND, 00:00-00:00 , Independent/Directed Study; Charles Rennolet ; 3 cr.
59891 046 IND, 00:00-00:00 , Independent/Directed Study; Stergios Roumeliotis ; 3 cr.
59893 048 IND, 00:00-00:00 , Independent/Directed Study; P Ruden ; 3 cr.
59894 049 IND, 00:00-00:00 , Independent/Directed Study; Sachin Sapatnekar ; 3 cr.
59895 050 IND, 00:00-00:00 , Independent/Directed Study; murti salapaka ; 3 cr.
59897 052 IND, 00:00-00:00 , Independent/Directed Study; Gerald Sobelman ; 3 cr.
59898 053 IND, 00:00-00:00 , Independent/Directed Study; Bethanie Stadler ; 3 cr.

59899 054 IND, 00:00-00:00 , Independent/Directed Study; Joseph Talghader ; 3 cr.
59902 057 IND, 00:00-00:00 , Independent/Directed Study; Randall Victoria ; 3 cr.
59903 058 IND, 00:00-00:00 , Independent/Directed Study; Jianping Wang ; 3 cr.
59904 059 IND, 00:00-00:00 , Independent/Directed Study; Bruce Wollenberg ; 3 cr.

8967 Plan C Project II

(Student Option; Prereq: EE grad student)
59911 001 IND, 00:00-00:00 , Independent/Directed Study; 1-3 cr.
59912 002 IND, 00:00-00:00 , Independent/Directed Study; Kia Bazargan ; 1-3 cr.
59913 003 IND, 00:00-00:00 , Independent/Directed Study; Stephen Campbell ; 1-3 cr.
59914 004 IND, 00:00-00:00 , Independent/Directed Study; Vladimir Cherkassky ; 1-3 cr.
59916 006 IND, 00:00-00:00 , Independent/Directed Study; Philip Cohen ; 1-3 cr.
59917 007 IND, 00:00-00:00 , Independent/Directed Study; Rhonda Franklin ; 1-3 cr.
59918 008 IND, 00:00-00:00 , Independent/Directed Study; Emad Ebbini ; 1-3 cr.
59919 009 IND, 00:00-00:00 , Independent/Directed Study; Douglas Ernie ; 1-3 cr.
59921 011 IND, 00:00-00:00 , Independent/Directed Study; Tryphon Georgiou ; 1-3 cr.
59922 012 IND, 00:00-00:00 , Independent/Directed Study; Georgios Giannakis ; 1-3 cr.
59923 013 IND, 00:00-00:00 , Independent/Directed Study; Anand Gopinath ; 1-3 cr.
59924 014 IND, 00:00-00:00 , Independent/Directed Study; Ramesh Harjani ; 1-3 cr.
59925 015 IND, 00:00-00:00 , Independent/Directed Study; Bin He ; 1-3 cr.
59926 016 IND, 00:00-00:00 , Independent/Directed Study; Ted Higman ; 1-3 cr.
59928 018 IND, 00:00-00:00 , Independent/Directed Study; Allison Hubel ; 1-3 cr.
59929 019 IND, 00:00-00:00 , Independent/Directed Study; Paul Imbertson ; 1-3 cr.
59931 021 IND, 00:00-00:00 , Independent/Directed Study; Heinrich Jacobs ; 1-3 cr.
59933 023 IND, 00:00-00:00 , Independent/Directed Study; Mihailo Jovanovic ; 1-3 cr.
59934 024 IND, 00:00-00:00 , Independent/Directed Study; Mostafa Kaveh ; 1-3 cr.
59938 028 IND, 00:00-00:00 , Independent/Directed Study; Chris H. Kim ; 1-3 cr.
59939 029 IND, 00:00-00:00 , Independent/Directed Study; Larry Kinney ; 1-3 cr.
59941 031 IND, 00:00-00:00 , Independent/Directed Study; James Leger ; 1-3 cr.
59942 032 IND, 00:00-00:00 , Independent/Directed Study; David Lilja ; 1-3 cr.
59943 033 IND, 00:00-00:00 , Independent/Directed Study; Zhi-Quan Luo ; 1-3 cr.
59944 034 IND, 00:00-00:00 , Independent/Directed Study; Ned Mohan ; 1-3 cr.
59947 037 IND, 00:00-00:00 , Independent/Directed Study; Sang-Hyun Oh ; 1-3 cr.
59949 039 IND, 00:00-00:00 , Independent/Directed Study; Keshab Parhi ; 1-3 cr.
59953 042 IND, 00:00-00:00 , Independent/Directed Study; Thomas Posbergh ; 1-3 cr.
59954 043 IND, 00:00-00:00 , Independent/Directed Study; Marc Riedel ; 1-3 cr.
59955 044 IND, 00:00-00:00 , Independent/Directed Study; William Robbins ; 1-3 cr.
59956 045 IND, 00:00-00:00 , Independent/Directed Study; Charles Rennolet ; 1-3 cr.
59957 046 IND, 00:00-00:00 , Independent/Directed Study; Stergios Roumeliotis ; 1-3 cr.
59959 048 IND, 00:00-00:00 , Independent/Directed Study; P Ruden ; 1-3 cr.
59960 049 IND, 00:00-00:00 , Independent/Directed Study; Sachin Sapatnekar ; 1-3 cr.
59961 050 IND, 00:00-00:00 , Independent/Directed Study; murti salapaka ; 1-3 cr.
59963 052 IND, 00:00-00:00 , Independent/Directed Study; Gerald Sobelman ; 1-3 cr.
59964 053 IND, 00:00-00:00 , Independent/Directed Study; Bethanie Stadler ; 1-3 cr.
59965 054 IND, 00:00-00:00 , Independent/Directed Study; Joseph Talghader ; 1-3 cr.
59968 057 IND, 00:00-00:00 , Independent/Directed Study; Randall Victoria ; 1-3 cr.
59969 058 IND, 00:00-00:00 , Independent/Directed Study; Jianping Wang ; 1-3 cr.
59970 059 IND, 00:00-00:00 , Independent/Directed Study; Bruce Wollenberg ; 1-3 cr.

8980 Graduate Seminar II (S-N or Audit;)

58708 001 LEC, 16:00-17:15 Th, Keller Hall 3-230, In Person Term Based; Marc Riedel ; 1 cr.

Emergency Medicine (EMMD)

7500 Emergency Medicine

(H-N only;)

61621 001 ROT, In Person Term Based; 4 cr.
61949 002 ROT, In Person Term Based; 4 cr.
61950 003 ROT, In Person Term Based; 4 cr.
61951 004 ROT, In Person Term Based; 4 cr.

7512 Bedside Ultrasound

(H-N only;)

62181 001 ROT, In Person Term Based; 4 cr.
62182 002 ROT, In Person Term Based; 4 cr.
62183 003 ROT, In Person Term Based; 4 cr.
62184 004 ROT, In Person Term Based; 4 cr.

7521 Emergency Medicine Research

(H-N only;)

62078 099 IND, In Person Term Based; 4-8 cr.

7530 Special Elective in EMS

(H-N only;)

62503 001 ROT, In Person Term Based; 4 cr.
62504 002 ROT, In Person Term Based; 4 cr.
62505 003 ROT, In Person Term Based; 4 cr.
62506 004 ROT, In Person Term Based; 4 cr.

7571 Clinical Toxicology and Emergency Medicine

(H-N only;)

62185 001 ROT, In Person Term Based; 4 cr.
62186 002 ROT, In Person Term Based; 4 cr.
62187 003 ROT, In Person Term Based; 4 cr.
62229 004 ROT, In Person Term Based; 4 cr.

7600 Advanced Emergency Medicine: Career Track

(H-N only;)

62188 001 ROT, In Person Term Based; 4 cr.
62189 002 ROT, In Person Term Based; 4 cr.
62190 003 ROT, In Person Term Based; 4 cr.
62191 004 ROT, In Person Term Based; 4 cr.

Endodontics (ENDO)

5306 Advanced Clinical Endodontics

(A-F or Audit;)

56927 001 FWK, 00:00-00:00 , , In Person Term Based; Scott McClanahan ; 1-6 cr.

5309 Advanced Clinical Endodontics

(A-F or Audit; Prereq: 5318)

56928 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)

56929 001 FWK, 00:00-00:00 , , In Person Term Based; Scott McClanahan ; 1 cr.

5316 Advanced Endodontic Emergency

(S-N or Audit; Prereq: 5315)

56930 001 FWK, 00:00-00:00 , , In Person Term Based; Walter Bowles ; 1 cr.

5330 Review of Cases

(A-F or Audit; Prereq: 5329)

56976 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)

56932 001 DIS, 00:00-00:00 , , In Person Term Based; Scott McClanahan ; 1 cr.

5600 Endodontic Histopathology

(S-N or Audit;)

56988 001 LEC, 00:00-00:00 , , In Person Term Based; Robert Edmunds ; 1 cr.

8002 Research in Endodontics

(Student Option; Prereq: dept consent)

56977 001 IND, In Person Term Based; 1-2 cr.

8005 Research in Endodontics

(A-F only; Prereq: dept consent)

56935 001 IND, 00:00-00:00 , , In Person Term Based; Scott McClanahan ; 1-2 cr.

8311 Literature Review

(A-F or Audit; Prereq: 8310)

56978 001 LEC, In Person Term Based; Scott McClanahan ; 2 cr.

8313 Literature Review

(A-F or Audit; Prereq: 8312)

56931 001 LEC, 00:00-00:00 , , In Person Term Based; Scott McClanahan ; 2 cr.

8321 Advanced Endodontic Lecture

(A-F or Audit; Prereq: 8320)

56933 001 LEC, In Person Term Based; 1 cr.

8323 Advanced Endodontic Lecture

(A-F or Audit; Prereq: 8322)

56934 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)

56981 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)

63699 001 LEC, 9:05-9:55 MTWThF, Kolthoff Hall 136, 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)

63701 001 LEC, 10:10-12:05 MTWThF, Blegen Hall 105, In Person Term Based; Meets With: 099 ESL 20; 0 cr.

30 Beginning Oral Skills

(S-N or Audit; Prereq: Non-native English speaker)

63703 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)

63584 001 LEC, 9:05-9:55 MTWThF, Blegen Hall 105, 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)

63586 001 LEC, 10:10-12:05 MTWThF, Kolthoff Hall 135, In Person Term Based; Meets With: 099 ESL 120; Leah Kronick ; 0 cr.

130 High Beginning Oral Skills

(S-N or Audit; Prereq: Non-native speaker of English)

63588 001 LEC, 14:30-16:25 MTWThF, Blegen Hall 105, In Person Term Based; Meets With: 099 ESL 130; Crystal Rose-Wainstock ; 0 cr.

210 Intermediate Grammar

(S-N or Audit; Prereq: Non-native speaker of English)

63590 001 LEC, 12:20-13:10 MTWThF, Civil Engineering Bldg 213, In Person Term Based; Meets With: 099 ESL 210; Annie Marrin ; 0 cr.

220 Intermediate Reading and Composition

(S-N or Audit; Prereq: Nonnative English speaker)

63593 001 LEC, 10:10-12:05 MTWThF, Blegen Hall 210, In Person Term Based; Meets With: 099 ESL 220; Annie Marrin ; 0 cr.

230 Intermediate Oral Skills

(S-N or Audit; Prereq: Nonnative English speaker)

63596 001 LEC, 14:30-16:25 MTWThF, Kolthoff Hall 135, In Person Term Based; Meets With: 099 ESL 230; Kate Trexel, Ghaida Shamsan ; 0 cr.

310 Advanced Grammar

(S-N or Audit; Prereq: Non-native speaker of English)

63624 001 LEC, 12:20-13:10 MTWThF, Amundson Hall 124, In Person Term Based; Meets With: 001 ESL 3101099 ESL 310; David Atterberry, Shannon Cosgrove-Rucker ; 0 cr.
63626 002 LEC, 12:20-13:10 MTWThF, Kolthoff Hall 135, In Person Term Based; 0 cr.

320 Advanced Reading and Composition

(S-N or Audit; Prereq: Non-native speaker of English)

63569 001 LEC, 9:05-11:00 MWF, Amundson Hall 162, In Person Term Based; Meets With: 099 ESL 320001 ESL 3201; Catherine Clements ; 0 cr.
63582 002 LEC, 8:00-9:55 MWF, Civil Engineering Bldg 213, In Person Term Based; 0 cr.

330 Advanced Oral Skills

(S-N or Audit; Prereq: Non-native speaker of English)

63600 001 LEC, 14:30-16:25 TTh, Akerman Hall 313, In Person Term Based; Meets With: 001 ESL 3501099 ESL 330; Catherine Clements ; 0 cr.
63601 002 DIS, 15:35-16:25 F, Ford Hall 127, In Person Term Based; Meets With: 199 ESL 330002 ESL 3501; Catherine Clements ; 0 cr.
63602 003 LEC, 14:30-16:25 TTh, Kolthoff Hall 134, In Person Term Based; 0 cr.
63603 004 DIS, 15:35-16:25 F, Kolthoff Hall 133, In Person Term Based; 0 cr.

410 English Grammar for Academic

Purposes

(S-N or Audit; Prereq: Non-native speaker of English)

63606 001 LEC, 12:20-13:10 MTWThF, Blegen Hall 210, In Person Term Based; Meets With: 099 ESL 410; Jonathan Gill ; 0 cr.
63705 002 LEC, 12:20-13:10 MTWThF, Vincent Hall 313, In Person Term Based; 0 cr.

420 High Advanced Reading/Composition

(S-N or Audit; Prereq: Non-native speaker of English)

63608 001 LEC, 9:05-11:00 MWF, Bruininks Hall 144, In Person Term Based; Meets With: 099 ESL 420; Jonathan Gill ; 0 cr.
63706 002 LEC, 8:00-9:55 MWF, Kolthoff Hall 139, In Person Term Based; 0 cr.

430 High Advanced Oral Skills

(S-N or Audit; Prereq: Non-native speaker of English)

63610 001 LEC, 10:10-12:05 TTh, Blegen Hall 220, In Person Term Based; Meets With: 099 ESL 430; Paula Bramante ; 0 cr.
63611 002 DIS, 11:15-12:05 F, Ford Hall 127, In Person Term Based; Meets With: 199 ESL 430; Paula Bramante ; 0 cr.
63707 003 LEC, 10:10-12:05 TTh, Blegen Hall 335, In Person Term Based; 0 cr.
63708 004 DIS, 11:15-12:05 F, Kolthoff Hall 132, In Person Term Based; 0 cr.

901 American Culture

(S-N or Audit; Prereq: Non-native speaker of English)

63627 001 LEC, 8:00-9:55 TTh, Kolthoff Hall 135, In Person Term Based; Meets With: 099 ESL 901; Robin Murie ; 0 cr.
63628 002 DIS, 14:30-15:20 F, Ford Hall 127, In Person Term Based; Meets With: 199 ESL 901; Robin Murie ; 0 cr.
63631 003 LEC, 14:30-16:25 MW, Appleby Hall 319, In Person Term Based; Jonathan Gill ; 0 cr.
63632 004 DIS, 14:30-15:20 F, Appleby Hall 319, In Person Term Based; Jonathan Gill ; 0 cr.

902 Academic Skills for the American

University

(S-N or Audit; Prereq: Non-native speaker of English)

63633 001 LEC, 13:25-14:15 MTWTh, Kolthoff Hall 135, In Person Term Based; Meets With: 099 ESL 902; Catherine Clements ; 0 cr.
63635 002 LEC, 13:25-14:15 MTWTh, Kolthoff Hall 136, In Person Term Based; Alyssa Bonnac ; 0 cr.
63681 003 LEC, 13:25-14:15 MTWTh, Blegen Hall 210, In Person Term Based; 0 cr.

904 TOEFL Preparation

(S-N or Audit;)

63579 001 LEC, 16:40-18:35 MW, Blegen Hall 105, In Person Term Based; Ellen Wormwood ; 0 cr.
63580 002 LEC, 16:40-18:35 MW, Kolthoff Hall 133, In Person Term Based; 0 cr.

909 Reading for Academic Purposes

(S-N or Audit;)

63779 001 LEC, 13:25-14:15 MTWTh, Blegen Hall 105, 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)

63578 001 LEC, 16:40-18:35 TTh, Kolthoff Hall 135, In Person Term Based; Meets With: 001 ESL 3302001 ESL 5302; Ellen Wormwood ; 0 cr.

931 Academic Speaking

(S-N or Audit; Prereq: Non-native speaker of English)

63636 001 LEC, 14:30-16:25 MW, Kolthoff Hall 132, 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)

63641 001 LEC, 8:00- 9:55 MW, Kolthoff Hall 135, In Person Term Based; Meets With: 001 ESL 3402; Bethany Peters ; 0 cr.

951 Pronunciation

(S-N or Audit; Prereq: Non-native speaker of English)

63637 001 LEC, 16:40-18:35 MW, Blegen Hall 210, In Person Term Based; Meets With: 001 ESL 3551; 0 cr.

3001 Integrated Skills for Academic English

(Student Option; Prereq: Non-native speaker of English)

63638 001 LEC, 16:40-18:35 MW, Kolthoff Hall 135, In Person Term Based; Bethany Peters ; 2 cr.

3006 English for Business Interactions

(Student Option; Prereq: Non-native English speaker)

63710 001 LEC, 14:30-15:20 F, Ford Hall 170, 16:40-18:35 M, Kolthoff Hall 132, In Person Term Based; Meets With: 001 ESL 906001 ESL 5006; Eric Nelson ; 2 cr.

3008 English for Chemistry

(Student Option;)

67093 002 LEC, 14:30-16:25 F, Kolthoff Hall 134, In Person Term Based; Alyssa Bonnac ; 1 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)

63616 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Eric Nelson ; 4 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)

63682 003 LEC, 16:40-18:35 MW, Kolthoff Hall 136, In Person Term Based; Robin Murie ; 5 cr.

63683 004 DIS, 16:40-17:30 F, Kolthoff Hall 135, In Person Term Based; Robin Murie ; 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)

63564 001 LEC, 16:40-18:35 TTh, Kolthoff Hall 135, In Person Term Based; Meets With: 001 ESL 921001 ESL 5302; Ellen Wormwood ; 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)

63640 001 LEC, 8:00- 9:55 MW, Kolthoff Hall 135, In Person Term Based; Meets With: 001 ESL 941; Bethany Peters ; 4 cr.

63734 002 LEC, 16:40-18:35 TTh, Kolthoff Hall 136, In Person Term Based; 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)

63565 001 LEC, 12:20-14:15 TTh, Kolthoff Hall 138, In Person Term Based; Leah Kronick ; 5 cr.

63583 002 DIS, 12:20-13:10 F, Ford Hall 127, In Person Term Based; Leah Kronick ; 5 cr.

3551 English Pronunciation

(Student Option; Prereq: Non-native speaker of English, dept consent)

63566 001 LEC, 16:40-18:35 MW, Blegen Hall 210, In Person Term Based; Meets With: 001 ESL 951; 4 cr.

3602 Speaking for Academic Purposes

(Student Option; Prereq: 3602, non-native speaker of English, [C-TOEFL score of at least 190 or equiv], dept consent)

63615 001 LEC, 14:30-16:25 MW, Kolthoff Hall 132, 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)

63711 001 LEC, 14:30-15:20 F, Ford Hall 170, 16:40-18:35 M, Kolthoff Hall 132, In Person Term Based; Meets With: 001 ESL 906001 ESL 3006; Eric Nelson ; 2 cr.

5302 Academic Writing

(Student Option;)

63787 001 LEC, 16:40-18:35 TTh, Kolthoff Hall 135, In Person Term Based; Meets With: 001 ESL 3302001 ESL 921; Ellen Wormwood ; 4 cr.

5900 Special Topics in English Language

(Student Option; Prereq: Non-native speaker of English)

67821 001 LEC, 16:40-17:30 T, Kolthoff Hall 134, Partially Online; Paula Bramante ; 1-5 cr.

English: Literature (ENGL)

1001W Introduction to Literature: Poetry, Drama, Narrative

(Student Option; LITR,WI)

53978 001 LEC, 8:00- 9:55 TTh, Amundson Hall 124, In Person Term Based; Melissa Cundieff-Pexa ; 4 cr.

54629 002 LEC, 17:30-19:25 MW, Akerman Hall 327, In Person Term Based; Matthew Brogden ; 4 cr.

55330 003 LEC, 10:10-12:05 MW, Appleby Hall 103, In Person Term Based; Elizabeth Weixel ; 4 cr.

1003W Women Write the World

(Student Option; GP,WI,LITR)

66524 001 LEC, 10:10-11:00 MW, Bruininks Hall 330, In Person Term Based; Meets With: 001 GWSS 1003W; Jigna Desai ; 3 cr.

67181 002 DIS, 11:15-12:05 M, Blegen Hall 215, In Person Term Based; Meets With: 002 GWSS 1003W; 3 cr.

67183 003 DIS, 11:15-12:05 W, Blegen Hall 215, In Person Term Based; Meets With: 003 GWSS 1003W; 3 cr.

67184 004 DIS, 12:20-13:10 M, Blegen Hall 215, In Person Term Based; Meets With: 004 GWSS 1003W; 3 cr.

68122 005 DIS, 9:05- 9:55 W, Vincent Hall 313, In Person Term Based; Meets With: 007 GWSS 1003W; 3 cr.

1011 Laughter and Literature Through the Ages

(Student Option; CIV,LITR)

67720 001 LEC, 11:15-12:30 MW, Bruininks Hall 512B, In Person Term Based; David Haley ; 3 cr.

1031 Introduction to the Short Story

(Student Option; LITR)

66319 001 LEC, 11:15-12:30 MW, Lind Hall 302, In Person Term Based; Chris Kamerbeek ; 3 cr.

67293 002 LEC, 14:30-15:45 MW, Ford Hall B15, In Person Term Based; Heather Holcombe ; 3 cr.

1041 Adaptation: Literature into Film

(Student Option; AH)

55770 001 LEC, 13:00-17:00 W, Ford Hall B80, In Person Term Based; Siobhan Craig ; 3 cr.

1051 Progress & Madness: Literature, Science & Technology

(Student Option; LITR)

67294 001 LEC, 9:45-11:00 MW, Akerman Hall 313, In Person Term Based; Chris Kamerbeek ; 3 cr.

1181W Introduction to Shakespeare

(Student Option; LITR,WI)

53187 001 LEC, 14:30-16:25 MW, Akerman Hall 313, In Person Term Based; Eunhyun Cho ; 4 cr.

54865 002 LEC, 9:05-11:00 TTh, Nicholson Hall 335, In Person Term Based; Katherine Scheil ; 4 cr.

68746 003 LEC, 12:20-14:15 TTh, Kolthoff Hall 133, In Person Term Based; Katherine Scheil ; 4 cr.

1201W Contemporary American Literature

(Student Option; LITR,WI)

52064 001 LEC, 13:00-14:15 TTh, Fraser Hall 102, In Person Term Based; John Pistelli ; 4 cr.

52065 002 DIS, 13:25-14:15 M, Kolthoff Hall 137, In Person Term Based; 4 cr.

53489 003 DIS, 13:25-14:15 W, Akerman Hall 215, In Person Term Based; 4 cr.

53490 004 DIS, 13:25-14:15 M, Akerman Hall 313, In Person Term Based; 4 cr.

53491 005 DIS, 13:25-14:15 W, Akerman Hall 211, In Person Term Based; 4 cr.

1301W Introduction to Multicultural Literatures of the United States

(Student Option; DSJ,WI,LITR)

54866 001 DIS, 9:05-11:00 MW, Akerman Hall 215, In Person Term Based; Melissa Merte ; 4 cr.

55246 002 DIS, 9:05-11:00 TTh, Mechanical Engineering 221, In Person Term Based; Yon Ji Sol ; 4 cr.

66306 003 DIS, 18:00-19:55 TTh, Kolthoff Hall 133, In Person Term Based; Kristina Popiel ; 4 cr.

1401W Introduction to World Literatures in English

(Student Option; GP,WI,LITR)

52066 001 LEC, 10:10-12:05 MW, Akerman Hall 317, In Person Term Based; Sungjin Shin ; 4 cr.

54734 002 LEC, 14:30-16:25 TTh, Akerman Hall 327, In Person Term Based; Abhay Doshi ; 4 cr.

1501W Literature and Public Life

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

53665 001 LEC, 10:10-12:05 MW, Lind Hall 340, In Person Term Based; Ann Tandy-Treiber ; 4 cr.

54437 002 LEC, 12:20-14:15 MW, Kolthoff Hall 140, In Person Term Based; Jonas Gardsby ; 4 cr.

54438 003 LEC, 14:30-16:25 MW, Akerman Hall 215, In Person Term Based; James Cihlar ; 4 cr.

54439 004 LEC, 8:00- 9:55 TTh, Ford Hall B80, In Person Term Based; Marc Juberg ; 4 cr.

54440 005 LEC, 10:10-12:05 TTh, Ford Hall B80, In Person Term Based; John Pistelli ; 4 cr.

54564 006 LEC, 13:25-15:20 TTh, Amundson Hall 124, In Person Term Based; Amy Bolis ; 4 cr.

55403 007 LEC, 16:40-18:35 TTh, Lind Hall 320, In Person Term Based; John Pistelli ; 4 cr.

1701 Modern Fiction

(Student Option; LITR)

53379 001 LEC, 11:15-12:30 TTh, 10 Church Street SE 100, In Person Term Based; Annemarie Lawless ; 3 cr.

54480 002 LEC, 9:45-11:00 TTh, Appleby Hall 102, In Person Term Based; Ann Tandy-Treiber ; 3 cr.

54565 003 LEC, 14:30-15:45 MW, Lind Hall 302, In Person Term Based; Matthew Harrison ; 3 cr.

54735 004 LEC, 18:00-20:30 W, Lind Hall 203, In Person Term Based; James Cihlar ; 3 cr.

1701H Honors: Modern Fiction

(A-F only; Prereq: Honors or instr consent LITR)

55165 001 DIS, 13:00-14:15 MW, Amundson Hall 116, In Person Term Based; Brian Goldberg ; 3 cr.

3001W Textual Analysis: Methods

(A-F only; Prereq: [English major or minor or approved BIS or IDIM program with English area])

53282 002 LEC, 13:25-15:20 TTh, Amundson Hall 120, In Person Term Based; M. Fitzgerald ; 4 cr.

53401 003 LEC, 17:30-19:25 TTh, Kolthoff Hall 132, In Person Term Based; David Andrews ; 4 cr.

53605 001 LEC, 10:10-12:05 MW, Lind Hall 325, In Person Term Based; Qadri Ismail ; 4 cr.

3002 Modern Literary Criticism and Theory

(Student Option;)

53371 001 LEC, 11:15-12:30 TTh, Tate Hall B65, In Person Term Based; Amit Yahav ; 3 cr.

53606 002 LEC, 13:00-14:15 MW, Ford Hall 110, In Person Term Based; Qadri Ismail ; 3 cr.

3003W Historical Survey of British Literatures I

(Student Option; HIS,WI)

52702 001 LEC, 10:10-12:05 MW, Blegen Hall 135, In Person Term Based; Lianna Farber ; 4 cr.

54754 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Elizabeth Weixel ; 4 cr.

68864 302 LEC, Completely Online; Santi Clarke ; 4 cr.

3004W Historical Survey of British Literatures II

(Student Option; HIS,WI)

52045 001 LEC, 11:15-12:30 TTh, Akerman Hall 319, In Person Term Based; Elaine Auyoung ; 4 cr.

52046 003 DIS, 11:15-12:05 W, Lind Hall 320, In Person Term Based; 4 cr.

52047 002 DIS, 11:15-12:05 M, Lind Hall 320, In Person Term Based; 4 cr.

3005W Survey of American Literatures and Cultures I

(Student Option; DSJ,WI,LITR)

53200 001 LEC, 18:00-19:55 MW, Kolthoff Hall 134, In Person Term Based; David Lemke ; 4 cr.

55271 302 LEC, Completely Online; Shavera Seneviratne ; 4 cr.

55301 301 LEC, Completely Online; Hannah Jorgenson ; 4 cr.

3006V Honors: Survey of American Literatures and Cultures II**(A-F only; DSJ,WI,LITR)**

64753 001 DIS, 10:10-12:05 TTh, Lind Hall 320, In Person Term Based; Nathaniel Mills ; 4 cr.

3006W Survey of American Literatures and Cultures II**(Student Option; DSJ,WI,LITR)**

52068 001 LEC, 13:00-14:15 TTh, Vincent Hall 16, In Person Term Based; Chris Kamerbeek ; 4 cr.

52069 002 DIS, 13:25-14:15 M, Akerman Hall 211, In Person Term Based; 4 cr.

52071 003 DIS, 13:25-14:15 W, Lind Hall 340, In Person Term Based; 4 cr.

3007 Shakespeare**(A-F or Audit; LITR)**

53350 001 LEC, 13:00-14:15 MW, Ford Hall 151, In Person Term Based; Andrew Scheil ; 3 cr.

53402 002 LEC, 14:30-15:45 MW, Amundson Hall 116, In Person Term Based; Katelyn Mccarthy ; 3 cr.

55793 003 LEC, 9:45-11:00 TTh, Lind Hall 315, In Person Term Based; Geoffrey Sirc ; 3 cr.

55808 004 LEC, 18:00-19:15 TTh, Lind Hall 203, In Person Term Based; Jenna Dreier ; 3 cr.

3011 Jewish American Literature: Toward a Poetics of Diasporic Identity**(Student Option; DSJ,HIS)**

66521 001 LEC, 13:00-14:15 TTh, Ford Hall 110, In Person Term Based; Meets With: 001 JWST 3011; Natan Paradise ; 3 cr.

3022 Science Fiction and Fantasy**(Student Option;)**

54425 001 LEC, 14:30-15:45 TTh, Ford Hall 110, In Person Term Based; Ashley Campbell ; 3 cr.

54446 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Jennifer Jodell ; 3 cr.

3023 Children's Literature**(Student Option;)**

54736 001 LEC, 8:15- 9:30 TTh, Lind Hall 302, In Person Term Based; Melissa Johnson ; 3 cr.

3024 The Graphic Novel**(Student Option;)**

54571 001 LEC, 16:00-17:15 MW, Lind Hall 302, In Person Term Based; Laura Scroggs ; 3 cr.

3025 The End of the World in Literature and History**(Student Option; HIS)**

55166 001 DIS, 11:15-12:30 TTh, Anderson Hall 250, In Person Term Based; Meets With: 001 RELS 3627; John Watkins ; 3 cr.

3027W The Essay**(Student Option; WI)**

53691 001 LEC, 9:05-11:00 TTh, Appleby Hall 11, In Person Term Based; Elisabeth Alderks ; 4 cr.

53692 002 LEC, 13:25-15:20 MW, Amundson Hall 162, In Person Term Based; Ann Tandy-Treiber ; 4 cr.

3061 Literature and Music**(Student Option; LITR)**

54782 001 DIS, 13:00-14:15 TTh, Lind Hall 302, In Person Term Based; Geoffrey Sirc ; 3 cr.

66307 002 DIS, 16:00-18:30 T, Lind Hall 302, In Person Term Based; Douglas Kearney ; 3 cr.

3091 The Literature and Film of Baseball**(Student Option; LITR)**

54918 001 DIS, 13:00-14:15 MW, Bruininks Hall 432, In Person Term Based; Lianna Farber ; 3 cr.

3101 Survey of Medieval English Literature**(A-F or Audit;)**

64754 001 LEC, 9:45-11:00 TTh, Lind Hall 302, In Person Term Based; Meets With: 001 MEST 3101; Rebecca Krug ; 3 cr.

3132 The King James Bible as Literature**(Student Option;)**

64755 001 LEC, 13:00-14:15 MW, Lind Hall 302, In Person Term Based; David Haley ; 3 cr.

3182 Irish Literature**(Student Option;)**

66512 001 LEC, 14:30-15:45 TTh, Lind Hall 302, In Person Term Based; Annemarie Lawless ; 3 cr.

3301 Asian America through Arts and Culture**(Student Option; AH,DSJ)**

55167 001 LEC, 16:00-17:15 TTh, Ford Hall 151, In Person Term Based; Meets With: 001 AAS 3301; Youngbin Hyeon ; 3 cr.

3501 Public Discourse: Coming to Terms with the Environment**(Student Option; ENV,LITR)**

54572 001 LEC, 13:00-14:15 TTh, Ford Hall 151, In Person Term Based; Melissa Licht ; 3 cr.

64768 002 LEC, 14:30-15:45 TTh, Ford Hall 151, In Person Term Based; Melissa Licht ; 3 cr.

3506 Social Movements & Community Education**(A-F or Audit; CIV)**

53860 001 FWK, 14:30-15:45 MW, Ford Hall 170, In Person Term Based; Eric Daigre ; 4 cr.

3507W Introduction to Chicana/o Literature**(Student Option; DSJ,WI,LITR)**

54622 001 LEC, 11:15-12:30 TTh, Bruininks Hall 512B, In Person Term Based; Meets With: 001 CHIC 3507W; Alexandra Covarrubias ; 3 cr.

54623 002 LEC, 13:00-14:15 TTh, Ford Hall 127, In Person Term Based; Meets With: 002 CHIC 3507W; Alexandra Covarrubias ; 3 cr.

3592W Introduction to Black Women**Writers in the United States****(A-F only; DSJ,WI,LITR)**

55866 001 LEC, 9:45-11:00 TTh, Blegen Hall 230, In Person Term Based; Meets With: 001 AFRO 3592W; Terrion Williamson ; 3 cr.

3601 Analysis of the English Language**(Student Option;)**

64757 001 DIS, 13:25-15:20 TTh, Ford Hall B15, In Person Term Based; Amanda Alexander ; 4 cr.

3712 Literary Magazine Production Lab II**(A-F only; Prereq: [3711, instr consent])**

54038 001 LAB, 18:15-20:00 TTh, Lind Hall 325, In Person Term Based; James Cihlar ; 4 cr.

3741 Literacy and American Cultural**Diversity****(Student Option; DSJ)**

53387 001 FWK, 9:45-11:00 MW, Lind Hall 315, In Person Term Based; Eric Daigre ; 4 cr.

53693 002 FWK, 13:00-14:15 MW, Ford Hall 170, 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)**

53403 001 IND, 9:05-11:00 T, Lind Hall 202, In Person Term Based; Daniel Philippon ; 1-4 cr.

3896 Internship for Academic Credit**(A-F only; Prereq: must be a formally declared English major registered in the College of Liberal Arts and have consent of instructor.)**

68289 001 FWK, Independent/Directed Study; Terri Sutton ; 1-4 cr.

68296 002 FWK, Independent/Directed Study; Rachel Drake ; 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)**

55759 001 LEC, 11:15-13:10 TTh, Bruininks Hall 119, In Person Term Based; Timothy Brennan ; 4 cr.

55760 002 LEC, 10:10-12:05 MW, Tate Hall B85, In Person Term Based; Brian Goldberg ; 4 cr.

55761 003 LEC, 11:15-13:10 TTh, Bruininks Hall 144, In Person Term Based; Rebecca Krug ; 4 cr.

55762 004 LEC, 14:30-16:25 TTh, Lind Hall 325, In Person Term Based; Siobhan Craig ; 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.)**

53549 001 IND, 00:00-00:00 , Independent/Directed Study; Elaine Auyoung ; 1-4 cr.

53863 003 IND, 00:00-00:00 , Independent/Directed Study; Timothy Brennan ; 1-4 cr.

53865 006 IND, 00:00-00:00 , Independent/Directed Study; Siobhan Craig ; 1-4 cr.

53866 007 IND, 00:00-00:00 , Independent/Directed Study; Lois Cucullu ; 1-4 cr.

53867 008 IND, 00:00-00:00 , Independent/Directed Study; Andrew Eifenbein ; 1-4 cr.

53868 009 IND, 00:00-00:00 , Independent/Directed Study; Lianna Farber ; 1-4 cr.

53869 010 IND, 00:00-00:00 , Independent/Directed Study; M. Fitzgerald ; 1-4 cr.

53870 011 IND, 00:00-00:00 , Independent/Directed Study; V.V. Ganeshanathan ; 1-4 cr.

53872 013 IND, 00:00-00:00 , Independent/Directed Study; Brian Goldberg ; 1-4 cr.

53873 014 IND, 00:00-00:00 , Independent/Directed Study; Ramon Gonzalez ; 1-4 cr.

53876 017 IND, 00:00-00:00 , Independent/Directed Study; Ellen Messer-Davidow ; 1-4 cr.

53877 018 IND, 00:00-00:00 , Independent/Directed Study; Qadri Ismail ; 1-4 cr.

53878 019 IND, 00:00-00:00 , Independent/Directed Study; Rebecca Krug ; 1-4 cr.

53879 020 IND, 00:00-00:00 , Independent/Directed Study; Josephine Lee ; 1-4 cr.

53880 021 IND, 00:00-00:00 , Independent/Directed Study; Nabil Matar ; 1-4 cr.

53882 023 IND, 00:00-00:00 , Independent/Directed Study; Nathaniel Mills ; 1-4 cr.

53883 024 IND, 00:00-00:00 , Independent/Directed Study; Christopher Pexa ; 1-4 cr.

53884 025 IND, 00:00-00:00 , Independent/Directed Study; Daniel Philippon ; 1-4 cr.

53885 026 IND, 00:00-00:00 , Independent/Directed Study; Jani Scandura ; 1-4 cr.

53886 027 IND, 00:00-00:00 , Independent/Directed Study; Andrew Scheil ; 1-4 cr.

53887 029 IND, 00:00-00:00 , Independent/Directed Study; Julie Schumacher ; 1-4 cr.

53888 030 IND, 00:00-00:00 , Independent/Directed Study; Geoffrey Sirc ; 1-4 cr.

53889 031 IND, 00:00-00:00 , Independent/Directed Study; Kimberley Todd ; 1-4 cr.

53890 032 IND, 00:00-00:00 , Independent/Directed Study; John Watkins ; 1-4 cr.

53891 033 IND, 00:00-00:00 , Independent/Directed Study; John Wright ; 1-4 cr.

53892 034 IND, 00:00-00:00 , Independent/Directed Study; Amit Yahav ; 1-4 cr.

53894 028 IND, 00:00-00:00 , Independent/Directed Study; Katherine Scheil ; 1-4 cr.

54137 036 IND, 00:00-00:00 , Independent/Directed Study; Terri Sutton ; 1-4 cr.

54812 005 IND, 00:00-00:00 , Independent/Directed Study; Peter Campion ; 1-4 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)**

53284 001 DIS, 17:45-19:35 MW, Amundson Hall 104, In Person Term Based; Michael Tortorello, Meghan Martin ; 4 cr.

5090 Readings in Special Subjects**(Student Option;)**

66513 001 LEC, 15:35-18:05 Th, Kolthoff Hall 137, In Person Term Based; Meets With: 001 ENGW 5130; Douglas Kearney ; 1-4 cr.

5150 Readings in 19th-Century Literature and Culture**(Student Option;)**

64759 001 LEC, 14:30-17:00 Th, Lind Hall 202, In Person Term Based; Elaine Auyoung ; 3 cr.

5501 Origins of Cultural Studies**(Student Option;)**

64760 001 LEC, 14:30-15:45 TTh, Lind Hall 303, In Person Term Based; Meets With: 001 CSCL 5401001 CL 5401001 CSDS 5401; Timothy Brennan ; 3 cr.

5510 Readings in Criticism and Theory

(Student Option;)

64761 001 LEC, 14:30-17:00 T, Kolthoff Hall 137, In Person Term Based; Amit Yahav ; 3 cr.

5701 Great River Review**(Student Option;)**

55202 001 LAB, 16:40-19:10 M, Lind Hall 226, 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.)**

53550 001 IND, 00:00-00:00 , , Independent/Directed Study; Elaine Auyoung ; 1-3 cr.
 53604 002 IND, 00:00-00:00 , , Independent/Directed Study; Charles Baxter ; 1-3 cr.
 53896 003 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Brennan ; 1-3 cr.
 53897 005 IND, 00:00-00:00 , , Independent/Directed Study; Peter Campion ; 1-3 cr.
 53898 006 IND, 00:00-00:00 , , Independent/Directed Study; Siobhan Craig ; 1-3 cr.
 53899 007 IND, 00:00-00:00 , , Independent/Directed Study; Lois Cucullu ; 1-3 cr.
 53900 008 IND, 00:00-00:00 , , Independent/Directed Study; Andrew Elfenbein ; 1-3 cr.
 53901 009 IND, 00:00-00:00 , , Independent/Directed Study; Lianna Farber ; 1-3 cr.
 53902 010 IND, 00:00-00:00 , , Independent/Directed Study; M. Fitzgerald ; 1-3 cr.
 53903 011 IND, 00:00-00:00 , , Independent/Directed Study; V.V. Ganeshanathan ; 1-3 cr.
 53904 012 IND, 00:00-00:00 , , Independent/Directed Study; Brian Goldberg ; 1-3 cr.
 53905 013 IND, 00:00-00:00 , , Independent/Directed Study; Ramon Gonzalez ; 1-3 cr.
 53910 018 IND, 00:00-00:00 , , Independent/Directed Study; Qadri Ismail ; 1-3 cr.
 53911 019 IND, 00:00-00:00 , , Independent/Directed Study; Rebecca Krug ; 1-3 cr.
 53912 020 IND, 00:00-00:00 , , Independent/Directed Study; Josephine Lee ; 1-3 cr.
 53913 021 IND, 00:00-00:00 , , Independent/Directed Study; Nabil Matar ; 1-3 cr.
 53914 022 IND, 00:00-00:00 , , Independent/Directed Study; Ellen Messer-Davidow ; 1-3 cr.
 53915 023 IND, 00:00-00:00 , , Independent/Directed Study; Nathaniel Mills ; 1-3 cr.
 53916 024 IND, 00:00-00:00 , , Independent/Directed Study; Christopher Pexa ; 1-3 cr.
 53917 025 IND, 00:00-00:00 , , Independent/Directed Study; Daniel Philippon ; 1-3 cr.
 53918 026 IND, 00:00-00:00 , , Independent/Directed Study; Jani Scandura ; 1-3 cr.
 53919 027 IND, 00:00-00:00 , , Independent/Directed Study; Andrew Scheil ; 1-3 cr.
 53920 028 IND, 00:00-00:00 , , Independent/Directed Study; Katherine Scheil ; 1-3 cr.
 53921 029 IND, 00:00-00:00 , , Independent/Directed Study; Julie Schumacher ; 1-3 cr.
 53922 030 IND, 00:00-00:00 , , Independent/Directed Study; Geoffrey Sirc ; 1-3 cr.
 53924 032 IND, 00:00-00:00 , , Independent/Directed Study; Kimberley Todd ; 1-3 cr.
 53925 033 IND, 00:00-00:00 , , Independent/Directed Study; John Watkins ; 1-3 cr.
 53926 034 IND, 00:00-00:00 , , Independent/Directed Study; John Wright ; 1-3 cr.
 53927 035 IND, 00:00-00:00 , , Independent/Directed Study; Amit Yahav ; 1-3 cr.

8110 Seminar: Medieval Literature and Culture**(Student Option;)**

64762 001 LEC, 16:00-18:30 M, Lind Hall 202, In Person Term Based; Meets With: 001 MEST 8110; Andrew Scheil ; 3 cr.

8300 Seminar in American Minority Literature**(Student Option;)**

64764 001 LEC, 17:30-20:00 Th, Lind Hall 202, In Person Term Based; Meets With: 002 AMST 8920; Nathaniel Mills ; 3 cr.

8444 FTE: Doctoral**(No Grade Associated;)**

55747 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)

53551 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)

53552 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)**

53553 001 IND, 00:00-00:00 , , In Person Term Based; Elaine Auyoung ; 1-9 cr.
 53930 003 IND, 00:00-00:00 , , In Person Term Based; Timothy Brennan ; 1-9 cr.
 53931 004 IND, 00:00-00:00 , , In Person Term Based; Tony C. Brown ; 1-9 cr.
 53932 005 IND, 00:00-00:00 , , In Person Term Based; Peter Campion ; 1-9 cr.
 53933 006 IND, 00:00-00:00 , , In Person Term Based; Siobhan Craig ; 1-9 cr.
 53934 007 IND, 00:00-00:00 , , In Person Term Based; Lois Cucullu ; 1-9 cr.
 53935 008 IND, 00:00-00:00 , , In Person Term Based; Andrew Elfenbein ; 1-9 cr.
 53936 009 IND, 00:00-00:00 , , In Person Term Based; Lianna Farber ; 1-9 cr.
 53937 010 IND, 00:00-00:00 , , In Person Term Based; M. Fitzgerald ; 1-9 cr.
 53938 011 IND, 00:00-00:00 , , In Person Term Based; V.V. Ganeshanathan ; 1-9 cr.
 53940 013 IND, 00:00-00:00 , , In Person Term Based; Brian Goldberg ; 1-9 cr.
 53941 014 IND, 00:00-00:00 , , In Person Term Based; Ramon Gonzalez ; 1-9 cr.
 53945 018 IND, 00:00-00:00 , , In Person Term Based; Qadri Ismail ; 1-9 cr.
 53946 019 IND, 00:00-00:00 , , In Person Term Based; Rebecca Krug ; 1-9 cr.
 53947 020 IND, 00:00-00:00 , , In Person Term Based; Josephine Lee ; 1-9 cr.
 53948 021 IND, 00:00-00:00 , , In Person Term Based; Nabil Matar ; 1-9 cr.
 53950 023 IND, 00:00-00:00 , , In Person Term Based; Nathaniel Mills ; 1-9 cr.
 53951 024 IND, 00:00-00:00 , , In Person Term Based; Christopher Pexa ; 1-9 cr.
 53952 025 IND, 00:00-00:00 , , In Person Term Based; Daniel Philippon ; 1-9 cr.
 53953 026 IND, 00:00-00:00 , , In Person Term Based; Jani Scandura ; 1-9 cr.
 53954 027 IND, 00:00-00:00 , , In Person Term Based; Andrew Scheil ; 1-9 cr.
 53955 028 IND, 00:00-00:00 , , In Person Term Based; Katherine Scheil ; 1-9 cr.
 53956 029 IND, 00:00-00:00 , , In Person Term Based; Julie Schumacher ; 1-9 cr.
 53958 031 IND, 00:00-00:00 , , In Person Term Based; Geoffrey Sirc ; 1-9 cr.
 53959 032 IND, 00:00-00:00 , , In Person Term Based; Kimberley Todd ; 1-9 cr.
 53960 033 IND, 00:00-00:00 , , In Person Term Based; John Watkins ; 1-9 cr.
 53961 034 IND, 00:00-00:00 , , In Person Term Based; John Wright ; 1-9 cr.
 53962 035 IND, 00:00-00:00 , , In Person Term Based; Amit Yahav ; 1-9 cr.

53747 009 LAB, 11:15-13:10 Th, Bruininks Hall 420B, In Person Term Based; Zi Ning Mok ; 4 cr.

53748 010 LAB, 13:25-15:20 Th, Akerman Hall 317, In Person Term Based; Hannah Suchor ; 4 cr.

54618 011 LAB, 9:05-11:00 F, Lind Hall 315, In Person Term Based; Brooke White ; 4 cr.

54867 012 LAB, 10:10-12:05 F, Lind Hall 320, In Person Term Based; Connor Simons ; 4 cr.

55475 013 LAB, 11:15-13:10 F, Lind Hall 315, In Person Term Based; Eleanor Garran ; 4 cr.

1102 Introduction to Fiction Writing**(Student Option No Audit;)**

52097 001 LEC, 18:20-20:50 M, Lind Hall 320, In Person Term Based; Gao Vang ; 3 cr.

52657 002 LEC, 14:30-15:20 MWF, Lind Hall 325, In Person Term Based; Leslie Hodgkins ; 3 cr.

53346 003 LEC, 8:15- 9:30 TTh, Kolthoff Hall 137, In Person Term Based; Mae Rice ; 3 cr.

1103 Introduction to Poetry Writing**(Student Option No Audit;)**

52658 001 LEC, 11:15-12:30 MW, Lind Hall 315, In Person Term Based; Benjamin Meyerson ; 3 cr.

1104 Introduction to Literary Nonfiction Writing**(Student Option No Audit; Prereq: Students not allowed to audit this course)**

53351 002 LEC, 11:15-12:30 TTh, Ford Hall 115, In Person Term Based; Damian Johansson ; 3 cr.

3102 Intermediate Fiction Writing**(Student Option No Audit; Prereq: [ENgW 1101 OR 1102 OR 1103 OR 1104], students cannot audit course)**

52098 001 LEC, 13:00-14:15 TTh, Lind Hall 315, In Person Term Based; Vincent Cheng ; 3 cr.

52659 002 LEC, 18:20-20:50 T, Ford Hall 170, In Person Term Based; Mihret Sibhat ; 3 cr.

3104 Intermediate Poetry Writing**(Student Option No Audit; Prereq: [1101 or 1102 or 1103 or 1104], students cannot audit course)**

52099 001 LEC, 18:20-20:50 M, Lind Hall 315, In Person Term Based; Jennifer Carter ; 3 cr.

3106 Intermediate Literary Nonfiction Writing**(Student Option No Audit; Prereq: [1101 or 1102 or 1103 or 1104], students cannot audit course)**

53352 002 LEC, 11:15-12:30 TTh, Lind Hall 303, In Person Term Based; Kelsey Donk ; 3 cr.

3110 Topics in Creative Writing**(Student Option No Audit; Prereq: 1101 or 1102 or 1103 or 1104 or dept consent)**

66625 001 LEC, 16:00-18:30 M, Lind Hall 340, In Person Term Based; Ramon Gonzalez ; 3 cr.

66723 002 LEC, 13:00-14:15 MW, Lind Hall 315, In Person Term Based; Theodosia Henney ; 3 cr.

67906 003 LEC, 9:45-11:00 TTh, Smith Hall 111, In Person Term Based; Peter Campion ; 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)

55765 001 LEC, 12:20-14:15 TTh, Lind Hall 320, In Person Term Based; Peter Campion ; 4 cr.

55766 002 LEC, 11:15-13:10 MW, Appleby Hall 11, In Person Term Based; Kathryn Nuernberger ; 4 cr.

4205 Screenwriting**(Student Option No Audit; Prereq: One EngW or ENGL 3xxx course, [permission number available in creative writing office])**

54917 001 LEC, 18:20-20:50 M, Lind Hall 303, In Person Term Based; Miriam Queensen ; 3 cr.

5130 Topics: Graduate Creative Writing**(Student Option; Prereq: instr consent)****English: Creative Writing (ENGW)****1101W Introduction to Creative Writing****(Student Option No Audit; Prereq: Students may not audit this courseLITR,WI)**

52081 001 LEC, 14:30-15:20 W, 10 Church Street SE 100, In Person Term Based; M. Fitzgerald ; 4 cr.

53740 002 LAB, 9:05-11:00 M, Nicholson Hall 355, In Person Term Based; Teresa Fahlgren ; 4 cr.

53741 003 LAB, 10:10-12:05 M, Lind Hall 229, In Person Term Based; Clare Boerigter ; 4 cr.

53742 004 LAB, 11:15-13:10 M, Amundson Hall 156, In Person Term Based; Purvai Aranya ; 4 cr.

53743 005 LAB, 13:25-15:20 M, Ford Hall B80, In Person Term Based; Maria Bowler ; 4 cr.

53744 006 LAB, 14:30-16:25 M, Ford Hall 110, In Person Term Based; Ron Edwards ; 4 cr.

53745 007 LAB, 18:20-20:15 M, Ford Hall 127, In Person Term Based; Chelli Riddiough ; 4 cr.

53746 008 LAB, 9:05-11:00 Th, Akerman Hall 313, In Person Term Based; Liana Roux ; 4 cr.

66523 001 LEC, 15:35-18:05 Th, Kolthoff Hall 137, In Person Term Based; Meets With: 001 ENGL 5090; Douglas Kearney; 4 cr.

5606W Literary Aspects of Journalism (Student Option; WI)

67907 001 LEC, 16:00-17:15 TTh, Murphy Hall 228, In Person Term Based; Meets With: 001 JOUR 5606W; Gayle Golden; 3 cr.

5701 Great River Review (Student Option;)

55201 001 LAB, 16:40-19:10 M, Lind Hall 226, 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.)

52195 001 IND, Independent/Directed Study; Peter Campion; 1-4 cr.

52772 002 IND, Independent/Directed Study; V.V. Ganeshananthan; 1-4 cr.

55254 003 IND, Independent/Directed Study; Ramon Gonzalez; 1-4 cr.

55255 004 IND, Independent/Directed Study; Julie Schumacher; 1-4 cr.

55256 005 IND, Independent/Directed Study; Kimberley Todd; 1-4 cr.

55257 006 IND, Independent/Directed Study; Miriam Queensen; 1-4 cr.

55258 007 IND, Independent/Directed Study; Charles Baxter; 1-4 cr.

68580 008 IND, Independent/Directed Study; Douglas Kearney; 1-4 cr.

8110 Seminar: Writing of Fiction (Student Option; Prereq: dept consent)

64765 001 LEC, 15:35-18:05 T, Lind Hall 207A, In Person Term Based; Charles Baxter; 4 cr.

8120 Seminar: Writing of Poetry (Student Option; Prereq: dept consent)

64766 001 LEC, 15:35-18:05 W, Lind Hall 202, In Person Term Based; Kathryn Nuernberger; 4 cr.

8130 Seminar: Writing of Literary Nonfiction (Student Option; Prereq: dept consent)

64767 001 LEC, 15:35-18:05 T, Lind Hall 202, In Person Term Based; Ramon Gonzalez; 4 cr.

8170 MFA Practicum: EngW 1101W (S-N only; Prereq: Creative writing MFA student, instr consent)

53817 001 FWK, 13:00-15:20 W, Lind Hall 202, In Person Term Based; M. Fitzgerald; 1-3 cr.

8333 FTE: Master's

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

52791 001 IND, In Person Term Based; 1 cr.

8990 MFA Creative Thesis

(Student Option; Prereq: 8140, 8150, 8160, creative writing MFA student, instr consent)

52632 001 IND, 00:00-00:00 , , In Person Term Based; 2-8 cr.

52773 002 IND, 00:00-00:00 , , In Person Term Based; 2-8 cr.

Entomology (ENT)

1021 An Introduction to Forensic Entomology (A-F only;)

66653 001 LEC, 13:30-14:20 MWF, Kaufert Laboratory 302, In Person Term Based; Robin Thomson; 3 cr.

2920 Introductory Lectures in Entomology (Student Option;)

68347 001 LEC, 12:00-13:15 MW, Hodson Hall 485, In Person Term Based; Sujaya Rao; 1-4 cr.

68348 002 LEC, 16:30-17:15 TTh, Hodson Hall 480, In Person Term Based; Ann Fallon; 1-4 cr.

5011 Insect Structure and Function (A-F or Audit;)

56771 001 LEC, 9:35-11:30 TTh, Hodson Hall 485, In Person Term Based; Timothy Kurtti, Karen Mesce; 4 cr.

56772 002 LAB, 11:45-12:35 TTh, Hodson Hall 485, In Person Term Based; Timothy Kurtti, Karen Mesce; 4 cr.

5061 Insect Molecular Science

(Student Option; Prereq: [5011, basic genetics course] or instr consent)

68084 001 LEC, 16:00-17:00 MW, Hodson Hall 490, In Person Term Based; Ann Fallon; 2 cr.

5121 Applied Experimental Design

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

56584 001 LEC, 11:45-13:00 MW, McNeal Hall 310, In Person Term Based; Meets With: 001 AGRO 5121; Nancy Jo Ehlike, Daniel Cariveau; 4 cr.

56585 002 DIS, 13:00-13:50 M, McNeal Hall 310, In Person Term Based; Meets With: 002 AGRO 5121; Nancy Jo Ehlike, Daniel Cariveau; 4 cr.

5211 Insect Pest Management

(Student Option;)

68014 001 LEC, 12:00-13:15 MW, Hodson Hall 485, In Person Term Based; Sujaya Rao; 3 cr.

5275 Insect-transmitted diseases of humans

(Student Option; Prerequisites Biol 1009 or equivalent)

68013 001 LEC, 16:30-17:15 TTh, Hodson Hall 480, In Person Term Based; Ann Fallon; 3 cr.

5341 Biological Control of Insects and Weeds

(Student Option; Prereq: 3001, Biol 1009, EEB 3001 or grad)

67716 001 LAB, 9:30-11:30 W, Hodson Hall 490, In Person Term Based; George Heimpel; 3-4 cr.

67809 002 LEC, 13:00-14:15 TTh, Hodson Hall 490, In Person Term Based; George Heimpel; 3-4 cr.

5361 Aquatic Insects

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

56459 001 LEC, 15:00-16:15 MW, Hodson Hall 485, In Person Term Based; Leonard Ferrington; 4 cr.

56460 002 LAB, 16:30-18:20 MW, Hodson Hall 485, In Person Term Based; Leonard Ferrington; 4 cr.

5900 Basic Entomology

(Student Option; Prereq: instr consent)

56192 102 LEC, 00:00-00:00 , , In Person Term Based; David Andow; 1-6 cr.

56193 103 LEC, 00:00-00:00 , , In Person Term Based; Brian Aukema; 1-6 cr.

56194 105 LEC, 00:00-00:00 , , In Person Term Based; Ann Fallon; 1-6 cr.

56195 106 LEC, 00:00-00:00 , , In Person Term Based; Leonard Ferrington; 1-6 cr.

56196 107 LEC, 00:00-00:00 , , In Person Term Based; George Heimpel; 1-6 cr.

56197 108 LEC, 00:00-00:00 , , In Person Term Based; Ralph Holzenthal; 1-6 cr.

56198 109 LEC, 00:00-00:00 , , In Person Term Based; William Hutchison; 1-6 cr.

56199 110 LEC, 00:00-00:00 , , In Person Term Based; Stephen Kells; 1-6 cr.

56200 111 LEC, 00:00-00:00 , , In Person Term Based; Vera Krischik; 1-6 cr.

56201 112 LEC, 00:00-00:00 , , In Person Term Based; Timothy Kurtti; 1-6 cr.

56202 113 LEC, 00:00-00:00 , , In Person Term Based; Karen Mesce; 1-6 cr.

56203 115 LEC, 00:00-00:00 , , In Person Term Based; Ulrike Munderloh; 1-6 cr.

56204 116 LEC, 00:00-00:00 , , In Person Term Based; Kenneth Ostlie; 1-6 cr.

56205 117 LEC, 00:00-00:00 , , In Person Term Based; Marla Spivak; 1-6 cr.

56452 119 LEC, 00:00-00:00 , , In Person Term Based; Daniel Cariveau; 1-6 cr.

56470 120 LEC, 00:00-00:00 , , In Person Term Based; Christopher Philips; 1-6 cr.

56471 121 LEC, 00:00-00:00 , , In Person Term Based; Robert Venette; 1-6 cr.

56537 101 LEC, In Person Term Based; Robin Thomson; 1-6 cr.

5910 Special Problems in Entomology

(Student Option; Prereq: instr consent)

56206 101 LEC, In Person Term Based; Robin Thomson; 1-6 cr.

56207 102 LEC, 00:00-00:00 , , In Person Term Based; David Andow; 1-6 cr.

56208 103 LEC, 00:00-00:00 , , In Person Term Based; Brian Aukema; 1-6 cr.

56209 105 LEC, 00:00-00:00 , , In Person Term Based; Ann Fallon; 1-6 cr.

56210 106 LEC, 00:00-00:00 , , In Person Term Based; Leonard Ferrington; 1-6 cr.

56211 107 LEC, 00:00-00:00 , , In Person Term Based; George Heimpel; 1-6 cr.

56212 108 LEC, 00:00-00:00 , , In Person Term Based; Ralph Holzenthal; 1-6 cr.

56213 109 LEC, 00:00-00:00 , , In Person Term Based; William Hutchison; 1-6 cr.

56214 110 LEC, 00:00-00:00 , , In Person Term Based; Stephen Kells; 1-6 cr.

56215 111 LEC, 00:00-00:00 , , In Person Term Based; Vera Krischik; 1-6 cr.

56216 112 LEC, 00:00-00:00 , , In Person Term Based; Timothy Kurtti; 1-6 cr.

56217 113 LEC, 00:00-00:00 , , In Person Term Based; Karen Mesce; 1-6 cr.

56218 115 LEC, 00:00-00:00 , , In Person Term Based; Ulrike Munderloh; 1-6 cr.

56219 116 LEC, 00:00-00:00 , , In Person Term Based; Kenneth Ostlie; 1-6 cr.

56220 117 LEC, 00:00-00:00 , , In Person Term Based; Marla Spivak; 1-6 cr.

56453 119 LEC, 00:00-00:00 , , In Person Term Based; Daniel Cariveau; 1-6 cr.

56472 120 LEC, 00:00-00:00 , , In Person Term Based; Christopher Philips; 1-6 cr.

56473 121 LEC, 00:00-00:00 , , In Person Term Based; Robert Venette; 1-6 cr.

5920 Special Lectures in Entomology (S-N only;)

67860 001 LAB, In Person Term Based; 1-4 cr.

8006 Supervised Laboratory or Extension Teaching Experience

(S-N only; Prereq: 3005 or equiv or instr consent)

68739 001 FWK, In Person Term Based; Timothy Kurtti; 1-3 cr.

8300 Graduate Seminar

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

56233 010 LEC, 15:00-16:55 T, Hodson Hall 490, In Person Term Based; George Heimpel; 1-2 cr.

8333 FTE: Master's

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

56377 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

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

56394 001 IND, In Person Term Based; 1 cr.

8594 Research in Entomology

(S-N or Audit;)

56282 101 IND, 00:00-00:00 , , In Person Term Based; Robin Thomson; 1-16 cr.

56283 102 IND, 00:00-00:00 , , In Person Term Based; David Andow; 1-16 cr.

56284 103 IND, 00:00-00:00 , , In Person Term Based; Brian Aukema; 1-16 cr.

56285 104 IND, 00:00-00:00 , , In Person Term Based; Ann Fallon; 1-16 cr.

56286 105 IND, 00:00-00:00 , , In Person Term Based; George Heimpel; 1-16 cr.

56287 106 IND, 00:00-00:00 , , In Person Term Based; Ralph Holzenthal; 1-16 cr.

56288 107 IND, 00:00-00:00 , , In Person Term Based; William Hutchison; 1-16 cr.

56289 108 IND, 00:00-00:00 , , In Person Term Based; Stephen Kells; 1-16 cr.

56290 109 IND, 00:00-00:00 , , In Person Term Based; Vera Krischik; 1-16 cr.

56291 110 IND, 00:00-00:00 , , In Person Term Based; Timothy Kurtti; 1-16 cr.

56292 111 IND, 00:00-00:00 , , In Person Term Based; Karen Mesce; 1-16 cr.

56293 113 IND, 00:00-00:00 , , In Person Term Based; Ulrike Munderloh; 1-16 cr.

56294 114 IND, 00:00-00:00 , , In Person Term Based; Kenneth Ostlie; 1-16 cr.

56295 115 IND, 00:00-00:00 , , In Person Term Based; Marla Spivak; 1-16 cr.

56296 116 IND, 00:00-00:00 , , In Person Term Based; Daniel Cariveau; 1-16 cr.

56297 117 IND, 00:00-00:00 , , In Person Term Based; Christopher Philips; 1-16 cr.

56298 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)
56412 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])
56424 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)
56443 001 IND, In Person Term Based; 1-24 cr.

Entrepreneurship (ENTR)

6020 Business Formation

(A-F only; Prereq: MBA student)
57351 060 LEC, 17:45-21:05 W, Carlson School of Mgmt L-122, In Person Term Based; Alan Fine ; 4 cr.

6036 Managing the Growing Business

(A-F only; Prereq: MBA student)
57165 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)
57417 060 LEC, 17:00-20:20 W, Carlson School of Mgmt 1-147, In Person Term Based; Meets With: 001 ME 8222001 BMEN 8402; Daniel Forbes, William Durfee, Arthur Erdman ; 4 cr.

Environment Sci, Policy, Mgmt (ESPM)

1002 Transfer Orientation Seminar

(A-F or Audit;)
67476 001 LEC, 15:00-16:55 M, Skok Hall 100, 15:00-16:55 M, Skok Hall 100, In Person Term Based; Jessica Gutknecht, Ingrid Schneider ; 1 cr.

1011 Issues in the Environment

(Student Option; ENV)
56306 001 LEC, 11:45-13:00 TTh, Ruttan Hall B45, In Person Term Based; Amit Pradhananga, Charlie Blinn, Brandy Toner, Dylan Millet ; 3 cr.

1012H Environmental Science and Society

(A-F only; ENV)
56682 001 LEC, 14:30-15:45 MW, Bruininks Hall 432, In Person Term Based; Stephen Kells ; 3 cr.

1202 People, Land, and Water: Systems Under Stress

(A-F only; HIS)
56875 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)
56248 001 LEC, 15:35-16:25 MWF, Bruininks Hall 330, In Person Term Based; Meets With: 001 GEOG 1425; Tracy Twine, Peter Snyder ; 4 cr.
56536 002 LAB, 16:40-17:30 M, Bruininks Hall 330, In Person Term Based; Meets With: 002 GEOG 1425; Tracy Twine, Peter Snyder ; 4 cr.
56599 003 LAB, 16:40-17:30 W, Bruininks Hall 330, 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)
56604 001 LEC, 15:00-16:15 TTh, Biological Sciences Ctr 64, In Person Term Based; Satoshi Ishii, Amit Pradhananga ; 3 cr.

3000 Seminar on Current Issues for ESPM

(A-F or Audit; Prereq: Jr)
67464 001 LEC, 13:55-14:45 T, Green Hall 203, In Person Term Based; Peter Reich ; 1 cr.

3011W Ethics in Natural Resources

(Student Option; WI,CIV)

56264 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)
56704 001 LEC, 11:45-13:00 MW, Green Hall 203, In Person Term Based; John Zobel ; 4 cr.
56705 002 LAB, 16:05-18:00 W, Skok Hall 35, In Person Term Based; John Zobel ; 4 cr.
56706 003 LAB, 16:05-18:00 W, Green Hall 210A, In Person Term Based; John Zobel ; 4 cr.

3031 Applied Global Positioning Systems for Geographic Information Systems

(A-F or Audit; Prereq: Intro GIS course)
56521 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;)
56498 001 LEC, 15:00-18:00 Th, Biosystems & Ag Eng Bldg 106, In Person Term Based; Meets With: 001 ESPM 5111; Joe Wagner ; 3 cr.

3131 Environmental Physics

(A-F or Audit; Prereq: Phys 1101)
56506 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)
56320 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)
56711 001 LEC, 11:45-13:00 TTh, Green Hall 203, In Person Term Based; Meets With: 001 ESPM 5211; John Zobel ; 3 cr.

3221 Soil Conservation and Land-Use Management

(Student Option; Prereq: SOIL 2125 or instr consent)
56246 001 LEC, 8:30- 9:20 MW, Borlaug Hall 375, In Person Term Based; Daniel Wheeler ; 3 cr.
56247 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)
56251 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 equivENV,SOCs)
56775 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;)
68071 001 LEC, 11:45-12:35 W, Green Hall 19, In Person Term Based; Meets With: 001 ESPM 5480; Dean Current ; 1-4 cr.
68172 002 LEC, 8:30- 9:20 TTh, Soils S415, In Person Term Based; Meets With: 002 ESPM 5480; Kyungsoo Yoo ; 1-4 cr.

3575 Wetlands

(Student Option;)
56518 001 LEC, 16:30-17:45 MW, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 ESPM 5575; Amy Schrank, Jay Bell ; 3 cr.

3601 Sustainable Housing--Community, Environment, and Technology

(A-F or Audit; TS)

56368 001 LEC, Completely Online; Marilou Cheple ; 3 cr.

3602 Regulations and Corporate Environmental Management

(A-F only; Prereq: APEC 1101 or ECON 1101 or 3261W)
56592 001 LEC, 16:00-18:30 M, Biosystems & Ag Eng Bldg 106, In Person Term Based; Meets With: 001 ESPM 5602; Garth Hickle ; 3 cr.

3605 Recycling: Extending Raw Materials

(A-F only; TS)
56596 001 LEC, Completely Online; Meets With: 001 ESPM 5605; Brett Barney ; 3 cr.

3607 Natural Resources Consumption and Sustainability

(A-F only; GP)
56305 001 LEC, 10:40-11:55 MW, Hodson Hall 495, 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.)
56893 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)
56173 001 FWK, 13:30-14:45 MW, Hodson Hall 490, In Person Term Based; Ed Nater, Brent Dalzell ; 4 cr.

4093 Directed Study

(Student Option; Prereq: instr consent)
56504 001 LEC, 00:00-00:00 , , In Person Term Based; Carl Rosen ; 1-7 cr.
56622 002 LEC, 00:00-00:00 , , In Person Term Based; Claire Bleser ; 1-7 cr.
56624 003 LEC, 00:00-00:00 , , In Person Term Based; Terence Cooper ; 1-7 cr.
56646 004 LEC, 00:00-00:00 , , In Person Term Based; Joe Knight ; 1-7 cr.
56663 005 LEC, 00:00-00:00 , , In Person Term Based; Ed Nater ; 1-7 cr.
56725 006 LEC, 00:00-00:00 , , In Person Term Based; Kristen Nelson ; 1-7 cr.

4094 Directed Research

(Student Option; Prereq: instr consent)
56505 001 LEC, 00:00-00:00 , , In Person Term Based; Carl Rosen ; 1-7 cr.
56727 002 LEC, 00:00-00:00 , , In Person Term Based; Joe Knight ; 1-7 cr.
56728 003 LEC, 00:00-00:00 , , In Person Term Based; Kristen Nelson ; 1-7 cr.

4256 Natural Resource Law and the Management of Public Lands and Waters

(A-F or Audit; Prereq: 3241W or instructor consent)
66239 001 LEC, 17:10-20:00 T, Green Hall 110, In Person Term Based; Meets With: 001 ESPM 5256; Sherry Enzler ; 3 cr.

4601 Environmental Pollution

(Student Option; Prereq: SOIL 2125, CHEM 1061 and 1062 or equiv, or permission)
56821 001 LEC, 10:15-11:30 MW, Soils S415, In Person Term Based; Ed Nater ; 3 cr.

4607 Industrial Biotechnology and the Environment

(A-F only; Prereq: BIOL 1009, CHEM 1021)
56769 001 LEC, 16:30-17:45 TTh, Ruttan Hall B25, In Person Term Based; Meets With: 001 ESPM 5607; Simo Sarkanen ; 3 cr.

4811 Environmental Interpretation

(A-F or Audit;)
56301 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)
56522 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)
56499 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;)
56319 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;)
56876 001 LEC, 11:45-13:00 TTh, Green Hall 203, In Person Term Based; Meets With: 001 ESPM 3211; John Zobel ; 3 cr.

5241 Natural Resource and Environmental Policy

(Student Option; Prereq: Grad student or instr consent)
56315 001 LEC, 10:15-11:30 TTh, Green Hall 110, In Person Term Based; Meets With: 001 ESPM 3241W; Forrest Fleischman ; 3 cr.

5256 Natural Resource Law and the Management of Public Lands and Waters

(A-F or Audit; Prereq: grad student)
66240 001 LEC, 17:10-20:00 T, Green Hall 110, In Person Term Based; Meets With: 001 ESPM 4256; Sherry Enzler ; 3 cr.

5261 Economics and Natural Resources Management

(A-F or Audit;)
56776 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;)
68016 001 LEC, 11:45-12:35 W, Green Hall 19, In Person Term Based; Meets With: 001 ESPM 3480; Dean Current ; 1-4 cr.
68173 002 LEC, 8:30- 9:20 TTh, Soils S415, In Person Term Based; Meets With: 002 ESPM 3480; Kyungsoo Yoo ; 1-4 cr.

5575 Wetlands

(Student Option; Prereq: 3575, [sr or grad student or instr consent])
56734 001 LEC, 16:30-17:45 MW, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 ESPM 3575; Amy Schrank; Jay Bell ; 3 cr.

5602 Regulations and Corporate Environmental Management

(A-F only; Prereq: APEC 1101 or ECON 1101)
56593 001 LEC, 16:00-18:30 M, Biosystems & Ag Eng Bldg 106, In Person Term Based; Meets With: 001 ESPM 3602; Garth Hickle ; 3 cr.

5605 Recycling: Extending Raw Materials Supplies

(A-F only;)
56597 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)
56770 001 LEC, 16:30-17:45 TTh, Ruttan Hall B25, In Person Term Based; Meets With: 001 ESPM 4607; Simo Sarkanen ; 3 cr.

5811 Environmental Interpretation

(A-F or Audit;)
56479 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)**5620 Drug Metabolism and Disposition**

(A-F or Audit; Prereq: Grad student or instr consent)
62993 001 LEC, 8:00- 8:50 MWF, Weaver-Densford Hall W7-193, In Person Term Based; L'Aurelle Johnson ; 3 cr.

5983 Scientific Communications in Experimental and Clinical Pharmacology

(Student Option;)
62984 001 IND, In Person Term Based; Swayam Prabha ; 1 cr.

8100 Seminar

(Student Option; Prereq: ECP grad student or instr consent)
62983 001 LEC, 12:20-13:10 W, Moos Health Sci Tower 1-450, In Person Term Based; Meets With: 001 PHAR 6160; Swayam Prabha ; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq-Doctoral student, adviser and DGS consent.)
67811 001 IND, In Person Term Based; 1 cr.

8500 Advances in Pharmacometrics Modeling and Simulation

(S-N only; Prereq: Grad student in ECP or PHM or instr consent)
63014 001 DIS, 10:00-12:00 F, Room TBA, In Person Term Based; Richard Brundage ; 1 cr.

8503 Intermediate Population PK/PD Methods

(A-F only;)
67325 001 LAB, In Person Term Based; Richard Brundage ; 2 cr.

8505 Application of physiological-based pharmacokinetic modeling(PBPK) to model-informed drug development

(A-F only;)
68818 001 LEC, In Person Term Based; Richard Brundage ; 2 cr.

8776 Project Credits: Master's Plan B

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required (Plan B only))
68819 001 IND, In Person Term Based; 1-18 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required (Plan A only))
67812 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)
67813 001 IND, In Person Term Based; 1-24 cr.

8993 Directed Study in Experimental and Clinical Pharmacology

(Student Option;)
62991 004 LEC, 00:00-00:00 , , In Person Term Based; Pamala Jacobson ; 1-4 cr.
62998 002 LEC, 00:00-00:00 , , In Person Term Based; Susan Marino ; 1-4 cr.
62999 003 LEC, 00:00-00:00 , , In Person Term Based; Ling Li ; 1-4 cr.
63002 001 LEC, 00:00-00:00 , , In Person Term Based; Richard Brundage ; 1-4 cr.
68513 005 LEC, In Person Term Based; R. Stephanie Huang ; 1-4 cr.

Family Med & Community Health (FMCH)**7200 Introduction to Residency in Family Medicine**

(H-N only;)
62230 011 ROT, In Person Term Based; 2 cr.
62231 012 ROT, In Person Term Based; 2 cr.
62232 021 ROT, In Person Term Based; 2 cr.
62233 022 ROT, In Person Term Based; 2 cr.
62234 031 ROT, In Person Term Based; 2 cr.
62235 032 ROT, In Person Term Based; 2 cr.
62236 041 ROT, In Person Term Based; 2 cr.
62237 042 ROT, In Person Term Based; 2 cr.

7500 Sub-internship in Family Medicine

(P-N only;)

62049 001 ROT, In Person Term Based; 4 cr.
62238 002 ROT, In Person Term Based; 4 cr.
62239 003 ROT, In Person Term Based; 4 cr.
62240 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)
61674 003 FWK, 00:00-00:00 , , In Person Term Based; Kathleen Brooks ; 2-6 cr.
61675 004 FWK, 00:00-00:00 , , In Person Term Based; Kathleen Brooks ; 2-6 cr.

7503 Preceptorship in Family Medicine Obstetrics

(H-N only;)
62050 021 ROT, In Person Term Based; 2 cr.
62079 022 ROT, In Person Term Based; 2 cr.
62080 031 ROT, In Person Term Based; 2 cr.
62081 032 ROT, In Person Term Based; 2 cr.
62082 041 ROT, In Person Term Based; 2 cr.
62083 042 ROT, In Person Term Based; 2 cr.
62084 011 ROT, In Person Term Based; 2 cr.
62085 012 ROT, In Person Term Based; 2 cr.

7511 Urban Community Ambulatory Medicine (UCAM)

(H-N only; Prereq: FMCH 7600 and FMCH 7700)
61543 019 ROT, 00:00-00:00 , , In Person Term Based; Christopher Reif, Timothy Rumsey, David Power ; 4 cr.
62478 003 ROT, In Person Term Based; 4 cr.

7512 Urban Community Ambulatory Medicine (UCAM)

(H-N or Audit; Prereq: 7511, InMd 5508, InMd 7509)
61561 020 FWK, In Person Term Based; 4 cr.

7516 Research in Human Sexuality

(H-N only;)
62479 001 IND, In Person Term Based; 2-4 cr.
62480 011 IND, In Person Term Based; 2-4 cr.
62481 012 IND, In Person Term Based; 2-4 cr.
62482 002 IND, In Person Term Based; 2-4 cr.
62483 021 IND, In Person Term Based; 2-4 cr.
62484 022 IND, In Person Term Based; 2-4 cr.
62485 003 IND, In Person Term Based; 2-4 cr.
62486 031 IND, In Person Term Based; 2-4 cr.
62487 032 IND, In Person Term Based; 2-4 cr.
62488 004 IND, In Person Term Based; 2-4 cr.
62489 041 IND, In Person Term Based; 2-4 cr.
62490 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)
62051 011 ROT, In Person Term Based; 2 cr.
62241 012 ROT, In Person Term Based; 2 cr.
62242 021 ROT, In Person Term Based; 2 cr.
62243 022 ROT, In Person Term Based; 2 cr.
62244 031 ROT, In Person Term Based; 2 cr.
62245 032 ROT, In Person Term Based; 2 cr.
62246 041 ROT, In Person Term Based; 2 cr.
62247 042 ROT, In Person Term Based; 2 cr.

7519 Clinical Practice of Occupational Medicine

(H-N or Audit;)
61634 011 FWK, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; 2-4 cr.
62017 008 FWK, In Person Term Based; 2-4 cr.
62018 010 FWK, In Person Term Based; 2-4 cr.
62019 007 FWK, In Person Term Based; 2-4 cr.
62020 006 FWK, In Person Term Based; 2-4 cr.
62021 005 FWK, In Person Term Based; 2-4 cr.
62022 004 FWK, In Person Term Based; 2-4 cr.
62023 003 FWK, In Person Term Based; 2-4 cr.
62024 002 FWK, In Person Term Based; 2-4 cr.
62025 001 FWK, In Person Term Based; 2-4 cr.
62026 015 FWK, In Person Term Based; 2-4 cr.
62027 014 FWK, In Person Term Based; 2-4 cr.
62028 013 FWK, In Person Term Based; 2-4 cr.
62029 012 FWK, In Person Term Based; 2-4 cr.

7520 Rural Rotation in Family Medicine

(H-N only;)
62171 001 ROT, In Person Term Based; 4 cr.
62248 002 ROT, In Person Term Based; 4 cr.
62249 003 ROT, In Person Term Based; 4 cr.
62250 004 ROT, In Person Term Based; 4 cr.

7521 Topics in Immigrant Health

(H-N only;)

62172 001 ROT, In Person Term Based; 4 cr.
62251 002 ROT, In Person Term Based; 4 cr.

7524 Rotation in Palliative Medicine and Hospice**(H-N only;)**

62052 011 ROT, In Person Term Based; 2 cr.
62086 012 ROT, In Person Term Based; 2 cr.
62087 021 ROT, In Person Term Based; 2 cr.
62088 022 ROT, In Person Term Based; 2 cr.
62089 031 ROT, In Person Term Based; 2 cr.
62090 032 ROT, In Person Term Based; 2 cr.
62091 041 ROT, In Person Term Based; 2 cr.
62092 042 ROT, In Person Term Based; 2 cr.

7525 Cardiovascular Medicine**(H-N only; Prereq: Med 7500)**

62192 011 ROT, In Person Term Based; H. Peter Cao ; 2 cr.
62193 022 ROT, In Person Term Based; H. Peter Cao ; 2 cr.
62194 012 ROT, In Person Term Based; H. Peter Cao ; 2 cr.
62195 021 ROT, In Person Term Based; H. Peter Cao ; 2 cr.
62196 031 ROT, In Person Term Based; H. Peter Cao ; 2 cr.
62197 032 ROT, In Person Term Based; H. Peter Cao ; 2 cr.
62198 041 ROT, In Person Term Based; H. Peter Cao ; 2 cr.
62252 042 ROT, In Person Term Based; 2 cr.

7530 Preceptorship in Community Family Medicine**(H-N only;)**

62053 021 ROT, In Person Term Based; 2 cr.
62093 022 ROT, In Person Term Based; 2 cr.
62094 031 ROT, In Person Term Based; 2 cr.
62095 032 ROT, In Person Term Based; 2 cr.
62096 041 ROT, In Person Term Based; 2 cr.
62097 011 ROT, In Person Term Based; 2 cr.
62098 012 ROT, In Person Term Based; 2 cr.
62099 042 ROT, In Person Term Based; 2 cr.

7537 Sports Medicine**(H-N only;)**

61730 003 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62030 002 ROT, In Person Term Based; 4 cr.
62031 001 ROT, In Person Term Based; 4 cr.
62032 004 ROT, In Person Term Based; 4 cr.

7538 Sports Medicine in Duluth**(H-N only;)**

62054 001 ROT, In Person Term Based; 4 cr.
62100 002 ROT, In Person Term Based; 4 cr.
62101 003 ROT, In Person Term Based; 4 cr.
62253 004 ROT, In Person Term Based; 4 cr.

7544 Outpatient-HIV Management in Family Medicine**(H-N only;)**

62055 021 ROT, In Person Term Based; 2 cr.
62102 041 ROT, In Person Term Based; 2 cr.

7560 Alcohol and Drug Addiction Treatment**(H-N only;)**

62103 011 ROT, In Person Term Based; 2 cr.
62254 012 ROT, In Person Term Based; 2 cr.
62255 021 ROT, In Person Term Based; 2 cr.
62256 022 ROT, In Person Term Based; 2 cr.
62257 031 ROT, In Person Term Based; 2 cr.
62258 032 ROT, In Person Term Based; 2 cr.
62259 041 ROT, In Person Term Based; 2 cr.
62260 042 ROT, In Person Term Based; 2 cr.

7585 Sexual Problems in Clinical Practice**(P-N only;)**

62033 011 ROT, In Person Term Based; 2 cr.
62261 012 ROT, In Person Term Based; 2 cr.
62262 021 ROT, In Person Term Based; 2 cr.
62263 022 ROT, In Person Term Based; 2 cr.
62264 031 ROT, In Person Term Based; 2 cr.
62265 032 ROT, In Person Term Based; 2 cr.
62266 041 ROT, In Person Term Based; 2 cr.
62267 042 ROT, In Person Term Based; 2 cr.

7595 Family Medicine Research**(H-N only;)**

62056 099 IND, In Person Term Based; 2-8 cr.

7599 Family Medicine Independent Study**(H-N only;)**

62057 099 IND, In Person Term Based; 2-8 cr.

7600 Family Medicine Four-Week Clerkship**(H-N only;)**

61833 002 ROT, 7:30-15:15 W, Weaver-Densford Hall W2120, In Person Term Based; 4 cr.
61952 003 ROT, 7:30-15:15 W, Weaver-Densford Hall W2120, In Person Term Based; 4 cr.
62491 001 ROT, 7:30-15:15 W, Weaver-Densford Hall W2120, In Person Term Based; 4 cr.
62492 004 ROT, 7:30-15:15 W, Weaver-Densford Hall W2120, In Person Term Based; 4 cr.

7700 UCAM Family Medicine Selective**(P-N only;)**

61962 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)**

50668 001 LEC, 14:30-16:25 T, Smith Hall 100, In Person Term Based; Tai Mendenhall ; 4 cr.
50669 002 DIS, 14:30-16:25 Th, Scott Hall 4, In Person Term Based; 4 cr.
50670 003 DIS, 14:30-16:25 Th, Civil Engineering Bldg 212, In Person Term Based; 4 cr.
50802 004 DIS, 14:30-16:25 Th, Peik Hall 28, In Person Term Based; 4 cr.

1201 Human Development in Families: Lifespan**(Student Option; DSJ,SOCS)**

51270 001 LEC, Completely Online; Abigail Gewirtz ; 4 cr.

1211 An Interdisciplinary Look at the Family in Multicultural America**(A-F or Audit; SOCS,DSJ)**

51749 001 DIS, 13:25-15:20 MW, Appleby Hall 226, In Person Term Based; Margaret Kelly ; 4 cr.
51750 002 DIS, 9:05-11:00 MW, Peik Hall 155, In Person Term Based; Margaret Kelly ; 4 cr.

1301 Cash or Credit: You Need to Know**(A-F only;)**

51037 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)**

51742 001 DIS, 8:15- 9:30 TTh, Hubert H. Humphrey School 20, In Person Term Based; Jill Trites ; 3 cr.
51743 002 DIS, 9:45-11:00 TTh, Hubert H. Humphrey School 20, In Person Term Based; Jill Trites ; 3 cr.

2101 Preparation for Working With Families**(A-F or Audit;)**

51161 001 LEC, 8:15- 9:30 TTh, Bruininks Hall 131A, In Person Term Based; Tabitha Grier-Reed ; 3 cr.

2103 Family Policy**(Student Option;)**

51035 001 LEC, Completely Online; Sara Axtell ; 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)**

51036 001 LEC, 10:15-11:30 TTh, Kaufert Laboratory 302, In Person Term Based; Kristen Johnson ; 3 cr.

2106 Family Resource Management**(Student Option;)**

51631 001 LEC, Completely Online; Beth Magistad ; 3 cr.

2107 Preparation for Family and Community Engagement**(Student Option;)**

51819 001 DIS, 13:30-14:45 MW, Ruttan Hall B25, In Person Term Based; Sara Axtell ; 3 cr.

2191 Independent Study in Family Social Science**(Student Option; Prereq: Soph, instr consent)**

50676 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1-4 cr.
50863 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1-4 cr.
50864 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-4 cr.
50865 004 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-4 cr.

50866 005 IND, 00:00-00:00 , , Independent/Directed Study;

Jodi Dworkin ; 1-4 cr.
50867 006 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-4 cr.
50868 007 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-4 cr.
50869 008 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-4 cr.
50870 009 IND, 00:00-00:00 , , Independent/Directed Study; Margaret Kelly ; 1-4 cr.
50871 010 IND, 00:00-00:00 , , Independent/Directed Study; Beth Magistad ; 1-4 cr.
50872 011 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-4 cr.
50873 012 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-4 cr.
50874 013 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1-4 cr.
50875 014 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-4 cr.
50876 015 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-4 cr.
51364 016 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-4 cr.
51387 017 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-4 cr.
51389 018 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-4 cr.
51509 019 IND, 00:00-00:00 , , Independent/Directed Study; Jill Trites ; 1-4 cr.
51592 020 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-4 cr.
51593 021 IND, Independent/Directed Study; Lindsey Weiler ; 1-4 cr.
64860 022 IND, In Person Term Based; Elizabeth Wieling ; 1-4 cr.
64863 023 IND, In Person Term Based; Zha Xiong ; 1-4 cr.
64864 024 IND, In Person Term Based; Virginia Solis Zuiker ; 1-4 cr.

3101 Personal and Family Finances
(Student Option; Prereq: FSOS 4106 is a recommended prerequisite for this course.)
50672 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)
50671 001 LEC, Completely Online; Zha Xiong ; 3 cr.

3105 Technology in Parenting and Family Relationships
(Student Option; TS)
51834 001 LEC, 15:00-16:15 TTh, Hodson Hall 495, In Person Term Based; Susan Walker ; 3 cr.

3191 Independent Study in Family Social Science
(Student Option; Prereq: Jr, instr consent)
50677 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1-5 cr.
50877 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1-5 cr.
50878 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-5 cr.
50879 004 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-5 cr.
50880 005 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-5 cr.
50881 006 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-5 cr.
50882 007 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-5 cr.
50883 008 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-5 cr.
50884 009 IND, 00:00-00:00 , , Independent/Directed Study; Margaret Kelly ; 1-5 cr.
50885 010 IND, 00:00-00:00 , , Independent/Directed Study; Beth Magistad ; 1-5 cr.
50886 011 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-5 cr.
50887 012 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-5 cr.
50888 013 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1-5 cr.
50889 014 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-5 cr.
50890 015 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-5 cr.
51365 016 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-5 cr.
51390 017 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-5 cr.
51391 018 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-5 cr.

51510 019 IND, 00:00-00:00 , , Independent/Directed Study;
Jill Trites ; 1-5 cr.
51594 020 IND, 00:00-00:00 , , Independent/Directed Study;
Susan Walker ; 1-5 cr.
51595 021 IND, Independent/Directed Study; Lindsey Weiler ;
1-5 cr.
64861 022 IND, In Person Term Based; Elizabeth Wieling ;
1-5 cr.
64865 023 IND, In Person Term Based; Zha Xiong ; 1-5 cr.
64866 024 IND, In Person Term Based; Virginia Solis Zuiker ;
1-5 cr.

3426 Alcohol and Drugs: Families and Culture

(Student Option;)

50673 001 LEC, Completely Online; Cynthia Meyer ; 3 cr.

3429 Counseling Skills Practicum I

(Student Option;)

51546 001 LEC, 13:30-14:45 TTh, McNeal Hall 310, In Person Term Based; Meets With: 001 FSOS 5429; Cynthia Meyer ; 3 cr.

3431 Counseling Skills Practicum II

(Student Option;)

51822 001 LEC, 9:45-11:00 TTh, Bruininks Hall 512B, In Person Term Based; Tabitha Grier-Reed ; 3 cr.

4101 Sexuality and Gender in Families and Close Relationships

(Student Option; Prereq: At least jr or instr consent)

50803 001 LEC, 00:00-00:00 , , ONLINE, Completely Online; Cynthia Meyer ; 3 cr.

4104 Family Psychology

(Student Option;)

50797 001 LEC, 10:15-11:30 TTh, Hodson Hall 495, In Person Term Based; Steven Harris ; 3 cr.

4107 Traumatic Stress and Resilience in Vulnerable Families Across the Lifespan

(Student Option;)

51823 001 LEC, 8:45-10:00 MW, Hodson Hall 495, In Person Term Based; Tai Mendenhall ; 3 cr.

4108 Understanding and Working with Immigrants and Refugee Families

(Student Option; DSJ,SOCS)

51835 001 LEC, 10:15-11:30 MW, Alderman Hall 415, In Person Term Based; Zha Xiong ; 3 cr.

4109W Family Theories

(Student Option; WI)

65697 001 LEC, 13:30-14:45 TTh, Borlaug Hall 365, In Person Term Based; Kristen Johnson ; 3 cr.

4154 Families and Aging

(Student Option;)

65698 001 LEC, 13:30-14:45 MW, Borlaug Hall 365, In Person Term Based; Beth Magistad ; 3 cr.

4158 Thailand: Global Change, Communities and Families

(A-F only; GP)

66066 001 DIS, Study Abroad; Catherine Solheim ; 3 cr.

4160H Honors Capstone Project

(A-F only;)

51189 001 IND, 00:00-00:00 , , Independent/Directed Study;
Gerald August ; 1-4 cr.
51190 002 IND, 00:00-00:00 , , Independent/Directed Study;
Lynne Borden ; 1-4 cr.
51191 003 IND, 00:00-00:00 , , Independent/Directed Study;
William Doherty ; 1-4 cr.
51192 004 IND, 00:00-00:00 , , Independent/Directed Study;
Jodi Dworkin ; 1-4 cr.
51193 005 IND, 00:00-00:00 , , Independent/Directed Study;
Abigail Gewirtz ; 1-4 cr.
51194 006 IND, 00:00-00:00 , , Independent/Directed Study;
Tabitha Grier-Reed ; 1-4 cr.
51195 007 IND, 00:00-00:00 , , Independent/Directed Study;
Steven Harris ; 1-4 cr.
51196 008 IND, 00:00-00:00 , , Independent/Directed Study;
Beth Magistad ; 1-4 cr.
51197 009 IND, 00:00-00:00 , , Independent/Directed Study;
Jennifer McGuire ; 1-4 cr.
51198 010 IND, 00:00-00:00 , , Independent/Directed Study;
Tai Mendenhall ; 1-4 cr.
51199 011 IND, 00:00-00:00 , , Independent/Directed Study;
Cynthia Meyer ; 1-4 cr.
51200 012 IND, 00:00-00:00 , , Independent/Directed Study;
Timothy Piehler ; 1-4 cr.

51201 013 IND, 00:00-00:00 , , Independent/Directed Study;
Martha Rueter ; 1-4 cr.
51202 014 IND, 00:00-00:00 , , Independent/Directed Study;
Joyce Serido ; 1-4 cr.
51203 015 IND, 00:00-00:00 , , Independent/Directed Study;
Catherine Solheim ; 1-4 cr.
51366 016 IND, 00:00-00:00 , , Independent/Directed Study;
Marlene Stum ; 1-4 cr.
51392 017 IND, 00:00-00:00 , , Independent/Directed Study;
Susan Walker ; 1-4 cr.
51393 018 IND, 00:00-00:00 , , Independent/Directed Study;
Lindsey Weiler ; 1-4 cr.
51511 019 IND, 00:00-00:00 , , Independent/Directed Study;
Elizabeth Wieling ; 1-4 cr.
51596 020 IND, 00:00-00:00 , , Independent/Directed Study;
Zha Xiong ; 1-4 cr.
64862 021 IND, In Person Term Based; Virginia Solis Zuiker ;
1-4 cr.

4191 Independent Study in Family Social Science

(Student Option; Prereq: Sr, instr consent)

50793 001 IND, 00:00-00:00 , , Independent/Directed Study;
Gerald August ; 1-4 cr.
50891 002 IND, 00:00-00:00 , , Independent/Directed Study;
Sara Axtell ; 1-4 cr.
50892 003 IND, 00:00-00:00 , , Independent/Directed Study;
Lynne Borden ; 1-4 cr.
50893 004 IND, 00:00-00:00 , , Independent/Directed Study;
William Doherty ; 1-4 cr.
50894 005 IND, 00:00-00:00 , , Independent/Directed Study;
Jodi Dworkin ; 1-4 cr.
50895 006 IND, 00:00-00:00 , , Independent/Directed Study;
Abigail Gewirtz ; 1-4 cr.
50896 007 IND, 00:00-00:00 , , Independent/Directed Study;
Tabitha Grier-Reed ; 1-4 cr.
50897 008 IND, 00:00-00:00 , , Independent/Directed Study;
Steven Harris ; 1-4 cr.
50898 009 IND, 00:00-00:00 , , Independent/Directed Study;
Margaret Kelly ; 1-4 cr.
50899 010 IND, 00:00-00:00 , , Independent/Directed Study;
Beth Magistad ; 1-4 cr.
50900 011 IND, 00:00-00:00 , , Independent/Directed Study;
Jennifer McGuire ; 1-4 cr.
50901 012 IND, 00:00-00:00 , , Independent/Directed Study;
Tai Mendenhall ; 1-4 cr.
50902 013 IND, 00:00-00:00 , , Independent/Directed Study;
Cynthia Meyer ; 1-4 cr.
50903 014 IND, 00:00-00:00 , , Independent/Directed Study;
Timothy Piehler ; 1-4 cr.
50904 015 IND, 00:00-00:00 , , Independent/Directed Study;
Martha Rueter ; 1-4 cr.
51367 016 IND, 00:00-00:00 , , Independent/Directed Study;
Joyce Serido ; 1-4 cr.
51394 017 IND, 00:00-00:00 , , Independent/Directed Study;
Catherine Solheim ; 1-4 cr.
51395 018 IND, 00:00-00:00 , , Independent/Directed Study;
Marlene Stum ; 1-4 cr.
51512 019 IND, 00:00-00:00 , , Independent/Directed Study;
Jill Trites ; 1-4 cr.
51597 020 IND, 00:00-00:00 , , Independent/Directed Study;
Susan Walker ; 1-4 cr.
51598 021 IND, 00:00-00:00 , , Independent/Directed Study;
Lindsey Weiler ; 1-4 cr.
64867 022 IND, In Person Term Based; Elizabeth Wieling ;
1-4 cr.
64868 023 IND, In Person Term Based; Zha Xiong ; 1-4 cr.
64869 024 IND, In Person Term Based; Virginia Solis Zuiker ;
1-4 cr.

4294 Research Internship

(Student Option; Prereq: [FSOS major, at least jr] or instr consent)

50678 001 IND, 00:00-00:00 , , Independent/Directed Study;
Gerald August ; 1-4 cr.
50905 002 IND, 00:00-00:00 , , Independent/Directed Study;
Lynne Borden ; 1-4 cr.
50906 003 IND, 00:00-00:00 , , Independent/Directed Study;
William Doherty ; 1-4 cr.
50907 004 IND, 00:00-00:00 , , Independent/Directed Study;
Jodi Dworkin ; 1-4 cr.
50908 005 IND, 00:00-00:00 , , Independent/Directed Study;
Abigail Gewirtz ; 1-4 cr.
50910 007 IND, 00:00-00:00 , , Independent/Directed Study;
Steven Harris ; 1-4 cr.
50911 008 IND, 00:00-00:00 , , Independent/Directed Study;
Jennifer McGuire ; 1-4 cr.
50912 009 IND, 00:00-00:00 , , Independent/Directed Study;
Tai Mendenhall ; 1-4 cr.
50913 010 IND, 00:00-00:00 , , Independent/Directed Study;
Cynthia Meyer ; 1-4 cr.
50914 011 IND, 00:00-00:00 , , Independent/Directed Study;
Timothy Piehler ; 1-4 cr.
50915 012 IND, 00:00-00:00 , , Independent/Directed Study;
Martha Rueter ; 1-4 cr.
50916 013 IND, 00:00-00:00 , , Independent/Directed Study;
Joyce Serido ; 1-4 cr.

50917 014 IND, 00:00-00:00 , , Independent/Directed Study;
Catherine Solheim ; 1-4 cr.
50918 015 IND, 00:00-00:00 , , Independent/Directed Study;
Marlene Stum ; 1-4 cr.
51368 016 IND, 00:00-00:00 , , Independent/Directed Study;
Susan Walker ; 1-4 cr.
51396 017 IND, 00:00-00:00 , , Independent/Directed Study;
Lindsey Weiler ; 1-4 cr.
51397 018 IND, 00:00-00:00 , , Independent/Directed Study;
Elizabeth Wieling ; 1-4 cr.
51513 019 IND, 00:00-00:00 , , Independent/Directed Study;
Zha Xiong ; 1-4 cr.
51599 020 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)

50666 001 FWK, 10:15-13:00 F, McNeal Hall 316, In Person Term Based; Sara Axtell ; 1-12 cr.

5014 Quantitative Family Research Methods I

(Student Option; Prereq: Grad student or instr consent)

51673 001 LEC, 10:15-11:30 TTh, McNeal Hall 375, In Person Term Based; Timothy Piehler ; 3 cr.

5015 Family Research Laboratory

(S-N or Audit; Prereq: Grad student or instr consent)

51674 001 LAB, 8:45-9:45 T, Lrng & Environmental Sci 220, In Person Term Based; Cathy Schulz ; 1 cr.

5193 Directed Study in Family Social Science

(Student Option; Prereq: FSoS or grad student in related field)

50686 001 IND, 00:00-00:00 , , Independent/Directed Study;
Gerald August ; 1-6 cr.
50932 002 IND, 00:00-00:00 , , Independent/Directed Study;
Sara Axtell ; 1-6 cr.
50933 003 IND, 00:00-00:00 , , Independent/Directed Study;
Lynne Borden ; 1-6 cr.
50934 004 IND, 00:00-00:00 , , Independent/Directed Study;
William Doherty ; 1-6 cr.
50935 005 IND, 00:00-00:00 , , Independent/Directed Study;
Jodi Dworkin ; 1-6 cr.
50936 006 IND, 00:00-00:00 , , Independent/Directed Study;
Abigail Gewirtz ; 1-6 cr.
50937 007 IND, 00:00-00:00 , , Independent/Directed Study;
Tabitha Grier-Reed ; 1-6 cr.
50938 008 IND, 00:00-00:00 , , Independent/Directed Study;
Steven Harris ; 1-6 cr.
50939 009 IND, 00:00-00:00 , , Independent/Directed Study;
Beth Magistad ; 1-6 cr.
50940 010 IND, 00:00-00:00 , , Independent/Directed Study;
Jennifer McGuire ; 1-6 cr.
50941 011 IND, 00:00-00:00 , , Independent/Directed Study;
Tai Mendenhall ; 1-6 cr.
50942 012 IND, 00:00-00:00 , , Independent/Directed Study;
Cynthia Meyer ; 1-6 cr.
50943 013 IND, 00:00-00:00 , , Independent/Directed Study;
Timothy Piehler ; 1-6 cr.
50944 014 IND, 00:00-00:00 , , Independent/Directed Study;
Martha Rueter ; 1-6 cr.
50945 015 IND, 00:00-00:00 , , Independent/Directed Study;
Joyce Serido ; 1-6 cr.
50946 016 IND, 00:00-00:00 , , Independent/Directed Study;
Catherine Solheim ; 1-6 cr.
51109 017 IND, 00:00-00:00 , , Independent/Directed Study;
Marlene Stum ; 1-6 cr.
51231 018 IND, 00:00-00:00 , , Independent/Directed Study;
Susan Walker ; 1-6 cr.
51514 019 IND, 00:00-00:00 , , Independent/Directed Study;
Lindsey Weiler ; 1-6 cr.
51602 020 IND, 00:00-00:00 , , Independent/Directed Study;
Elizabeth Wieling ; 1-6 cr.
51603 021 IND, 00:00-00:00 , , Independent/Directed Study;
Zha Xiong ; 1-6 cr.
64870 022 IND, In Person Term Based; Virginia Solis Zuiker ;
1-6 cr.

5426 Alcohol and Drugs: Families and Culture

(Student Option;)

51781 001 LEC, Completely Online; Cynthia Meyer ; 3 cr.

5429 Counseling Skills Practicum I

(Student Option;)

65696 001 LEC, 13:30-14:45 TTh, McNeal Hall 310, In Person Term Based; Meets With: 001 FSOS 3429; Cynthia Meyer ; 3 cr.

5702 Prevention Science Research Methodology

(A-F or Audit;)

51697 001 DIS, 16:30-17:45 TTh, McNeal Hall 375, In Person Term Based; Meets With: 001 PREV 8002; Timothy Piehler ; 3 cr.

5703 New Topics in Prevention: Implementation and Dissemination

(A-F or Audit;)

51698 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;)

51398 001 LEC, 19:00-19:50 W, ONLINE, Completely Online; Heather Cline ; 3 cr.

5942 Everyday Experiences of Families

(A-F only;)

51399 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)

51401 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.)

51402 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)

51543 001 DIS, 8:45-11:30 W, McNeal Hall 398, In Person Term Based; Catherine Solheim ; 3 cr.

8015 Advanced Qualitative Family Research Methods

(A-F only; Prereq: 8013 or instr consent)

51825 001 DIS, 8:45-11:30 W, McNeal Hall 375, In Person Term Based; Elizabeth Wieling ; 3 cr.

8034 Marriage and Family Therapy Supervision

(Student Option; Prereq: FSOS doctoral student enrolled in Couple Family Therapy (CFT) or instr consent)

67873 001 LEC, 8:00-16:00 Sa, McNeal Hall 278, 8:00-16:00 Sa, McNeal Hall 278, 8:00-16:00 Sa, McNeal Hall 278, 8:00-16:00 Sa, McNeal Hall 278, In Person Term Based; Steven Harris ; 3 cr.

8101 Family Stress, Coping, and Adaptation

(Student Option; Prereq: 8001 or equiv, research methods course)

51635 001 LEC, 13:30-16:15 M, McNeal Hall 375, In Person Term Based; William Doherty ; 3 cr.

8151 Preparation for Independent Teaching in Family Studies

(S-N only; Prereq: instr consent)

67188 001 FWK, 10:30-13:00 T, McNeal Hall 398, 10:30-13:00 T, McNeal Hall 398, 10:30-13:00 T, McNeal Hall 398, 10:30-13:00 T, McNeal Hall 398, In Person Term Based; Cynthia Meyer ; 1 cr.

8193 Directed Study in Family Social Science

(Student Option; Prereq: Doctoral student in FSoS or related field)

50687 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1-6 cr.
50947 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1-6 cr.
50948 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-6 cr.
50949 004 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-6 cr.
50950 005 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-6 cr.
50951 006 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-6 cr.
50952 007 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-6 cr.
50953 008 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-6 cr.

50954 009 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-6 cr.
50955 010 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-6 cr.
50956 011 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1-6 cr.
50957 012 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-6 cr.
50958 013 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-6 cr.
50959 014 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-6 cr.
51093 015 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-6 cr.
51100 016 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-6 cr.
51236 017 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-6 cr.
51369 018 IND, 00:00-00:00 , , Independent/Directed Study; Lindsey Weiler ; 1-6 cr.
51515 019 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wieling ; 1-6 cr.
51604 020 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1-6 cr.
51605 021 IND, 00:00-00:00 , , Independent/Directed Study; Virginia Solis Zuiker ; 1-6 cr.

8295 Couple/Marriage Family Therapy Practicum

(S-N only;)

50674 001 FWK, 16:30-19:20 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)

50675 001 FWK, 00:00-00:00 , , In Person Term Based; Steven Harris ; 1-12 cr.
51693 002 FWK, In Person Term Based; Elizabeth Wieling ; 1-12 cr.
51694 003 FWK, In Person Term Based; Tai Mendenhall ; 1-12 cr.
51695 004 FWK, In Person Term Based; Lindsey Weiler ; 1-12 cr.

8297 Supervision of Supervision

(S-N or Audit; Prereq: MFT student, instr consent)

50788 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)

50981 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1 cr.
50982 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1 cr.
50983 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1 cr.
50984 004 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1 cr.
50985 005 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1 cr.
50986 006 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1 cr.
50987 007 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1 cr.
50988 008 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1 cr.
50989 009 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1 cr.
50990 010 IND, 00:00-00:00 , , In Person Term Based; Tai Mendenhall ; 1 cr.
50991 011 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1 cr.
50992 012 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1 cr.
50993 013 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1 cr.
50994 014 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1 cr.
50995 015 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1 cr.
51370 016 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1 cr.
51544 017 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1 cr.
51545 018 IND, 00:00-00:00 , , In Person Term Based; Lindsey Weiler ; 1 cr.
51547 019 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wieling ; 1 cr.
51606 020 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1 cr.
51607 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)

50996 001 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1 cr.
50997 002 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1 cr.
50998 003 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1 cr.
50999 004 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1 cr.
51000 005 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1 cr.
51001 006 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1 cr.
51002 007 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1 cr.
51003 008 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1 cr.
51004 009 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1 cr.
51005 010 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1 cr.
51006 011 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1 cr.
51007 012 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1 cr.
51766 013 IND, Independent/Directed Study; Marlene Stum ; 1 cr.
64871 014 IND, Independent/Directed Study; Susan Walker ; 1 cr.
68305 015 IND, Independent/Directed Study; Elizabeth Wieling ; 1 cr.
68306 016 IND, Independent/Directed Study; Zha Xiong ; 1 cr.
68307 017 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)

51008 001 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-6 cr.
51009 002 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-6 cr.
51010 003 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-6 cr.
51011 004 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-6 cr.
51012 005 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-6 cr.
51013 006 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-6 cr.
51014 007 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-6 cr.
51015 008 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-6 cr.
51016 009 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-6 cr.
51017 010 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-6 cr.
51071 011 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-6 cr.
51143 012 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-6 cr.
51767 013 IND, Independent/Directed Study; Marlene Stum ; 1-6 cr.
64872 014 IND, Independent/Directed Study; Susan Walker ; 1-6 cr.
68308 015 IND, Independent/Directed Study; Elizabeth Wieling ; 1-6 cr.
68309 016 IND, Independent/Directed Study; Zha Xiong ; 1-6 cr.
68310 017 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)

50685 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1-6 cr.
50919 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1-6 cr.
50920 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-6 cr.
50921 004 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-6 cr.
50922 005 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-6 cr.
50923 006 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-6 cr.
50924 007 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-6 cr.

50925 008 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-6 cr.
 50926 009 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-6 cr.
 50927 011 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1-6 cr.
 50928 010 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-6 cr.
 50929 012 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-6 cr.
 50930 013 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-6 cr.
 50931 014 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-6 cr.
 51110 015 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-6 cr.
 51144 016 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-6 cr.
 51237 017 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-6 cr.
 51371 018 IND, 00:00-00:00 , , Independent/Directed Study; Lindsey Weiler ; 1-6 cr.
 51548 019 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wieling ; 1-6 cr.
 51608 020 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1-6 cr.
 51609 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])

50763 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1-18 cr.
 51018 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1-18 cr.
 51019 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-18 cr.
 51020 004 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-18 cr.
 51021 005 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-18 cr.
 51022 006 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-18 cr.
 51023 007 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-18 cr.
 51024 008 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-18 cr.
 51025 009 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-18 cr.
 51026 010 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-18 cr.
 51027 011 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1-18 cr.
 51028 012 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-18 cr.
 51029 013 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-18 cr.
 51073 014 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-18 cr.
 51111 015 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-18 cr.
 51224 016 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-18 cr.
 51238 017 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-18 cr.
 51372 018 IND, 00:00-00:00 , , Independent/Directed Study; Lindsey Weiler ; 1-18 cr.
 51549 019 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wieling ; 1-18 cr.
 51610 020 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1-18 cr.
 51611 021 IND, 00:00-00:00 , , Independent/Directed Study; Virginia Solis Zuiker ; 1-18 cr.

8794 Directed Research in Family Social Science

(Student Option;)

50688 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1-6 cr.
 50960 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1-6 cr.
 50961 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-6 cr.
 50962 004 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-6 cr.
 50963 005 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-6 cr.
 50964 006 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-6 cr.
 50965 007 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-6 cr.
 50966 008 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-6 cr.
 50967 009 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-6 cr.

50968 010 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-6 cr.
 50969 011 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1-6 cr.
 50970 012 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-6 cr.
 50971 013 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-6 cr.
 51069 014 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-6 cr.
 51112 015 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-6 cr.
 51239 016 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-6 cr.
 51240 017 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-6 cr.
 51373 018 IND, 00:00-00:00 , , Independent/Directed Study; Lindsey Weiler ; 1-6 cr.
 51516 019 IND, 00:00-00:00 , , Independent/Directed Study; Elizabeth Wieling ; 1-6 cr.
 51612 020 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1-6 cr.
 51613 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)

50972 001 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-24 cr.
 50973 002 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-24 cr.
 50974 003 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-24 cr.
 50975 004 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-24 cr.
 50976 005 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-24 cr.
 50977 006 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-24 cr.
 50978 007 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-24 cr.
 50979 008 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-24 cr.
 50980 009 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-24 cr.
 51072 011 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-24 cr.
 51081 012 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-24 cr.
 51149 010 IND, 00:00-00:00 , , Independent/Directed Study; Martha Rueter ; 1-24 cr.
 64873 013 IND, In Person Term Based; Marlene Stum ; 1-24 cr.
 64874 014 IND, In Person Term Based; Susan Walker ; 1-24 cr.
 66241 015 IND, Independent/Directed Study; Elizabeth Wieling ; 1-24 cr.
 68312 016 IND, Independent/Directed Study; Zha Xiong ; 1-24 cr.
 68313 017 IND, Independent/Directed Study; Virginia Solis Zuiker ; 1-24 cr.

Finance (FINA)

3001 Finance Fundamentals

(A-F or Audit; Prereq: ACCT 2050, SCO 2550 or equivalent statistics course)

57139 006 LEC, 8:15- 9:30 WF, Hanson Hall 1-107, In Person Term Based; Ramin Hassan, Dan Su ; 3 cr.
 57166 020 LEC, 17:45-20:15 W, Hanson Hall 1-104, In Person Term Based; Dan Su, Ramin Hassan ; 3 cr.
 57356 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)

57104 001 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 2-215, In Person Term Based; Rick Nelson ; 2 cr.
 57300 002 LEC, 13:45-15:25 MW, Hanson Hall 1-111, In Person Term Based; Rick Nelson ; 2 cr.
 57594 003 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-123, In Person Term Based; Rick Nelson ; 2 cr.

4122 Banking Institutions

(A-F or Audit; Prereq: FINA 4121 or 4121H)

57105 002 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 2-215, In Person Term Based; Alan Thometz ; 2 cr.
 57317 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-147, In Person Term Based; Alan Thometz ; 2 cr.

4221 Principles of Corporate Finance

(A-F only; Prereq: 3001, CSOM major, actuarial science major)

57260 003 LEC, 11:50-13:30 TTh, Hanson Hall 1-107, In Person Term Based; Richard Thakor ; 2 cr.
 57261 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt 2-233, In Person Term Based; Richard Thakor ; 2 cr.
 57384 004 LEC, 13:45-15:25 MW, Carlson School of Mgmt L-122, In Person Term Based; Helen Moser ; 2 cr.
 57540 002 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 2-215, In Person Term Based; Richard Thakor ; 2 cr.

4242W Corporate Investment Decisions

(A-F or Audit; Prereq: 3001, 4121 or 4121H, 4321 or 4321H, 4422, 4522, CSOM majorW)

57299 002 LEC, 13:45-15:25 MW, Carlson School of Mgmt 1-135, In Person Term Based; Dick Vogel ; 4 cr.
 57349 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-135, In Person Term Based; Dick Vogel ; 4 cr.
 57357 003 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-127, In Person Term Based; Dick Vogel ; 4 cr.
 65707 004 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 1-127, 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)

57206 001 LEC, 9:55-11:35 TTh, Hanson Hall 1-103, In Person Term Based; Xiaoji Lin ; 2 cr.
 57291 002 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 1-123, In Person Term Based; Xiaoji Lin ; 2 cr.
 65708 003 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-123, In Person Term Based; Jeff Bailey ; 2 cr.

4325 Behavioral Finance

(A-F only; Prereq: 4321 or 4321H)

57378 002 LEC, 13:45-15:25 MW, Carlson School of Mgmt 2-215, In Person Term Based; Stuart Webb ; 2 cr.
 57423 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt 2-215, In Person Term Based; Stuart Webb ; 2 cr.

4329 Security Analysis Capstone

(A-F only; Prereq: 4121 or 4121H, 4321 or 4321H, 4422, 4522, ACCT 5100 or ACCT 5101)

57262 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 2-224, In Person Term Based; Timothy Nantell ; 2 cr.

4422 Financial Modeling

(A-F only; Prereq: FINA 3001 or 3001H, 4221, ACCT 5101, CSOM major)

57263 003 LEC, 11:50-13:30 MW, Carlson School of Mgmt 1-143, In Person Term Based; John Molloy ; 2 cr.
 57407 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-142, In Person Term Based; Alan Thometz ; 2 cr.
 57541 002 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-143, In Person Term Based; John Molloy ; 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)

65709 001 LEC, 13:45-15:25 MW, Hanson Hall 1-111, In Person Term Based; Erik Loualiche ; 2 cr.
 65711 002 LEC, 15:45-17:25 MW, Carlson School of Mgmt 1-123, In Person Term Based; Erik Loualiche ; 2 cr.

4529 Derivatives II Capstone

(A-F only; Prereq: 4522 or 4523)

57387 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt 1-123, In Person Term Based; Meets With: 001 FINA 5529; Stuart Webb ; 2 cr.

4621 The Global Economy (Macro)

(A-F only; Prereq: 3001, CSOM major)

57264 001 LEC, 8:00- 9:40 MW, Carlson School of Mgmt 2-213, In Person Term Based; Juliana Salomao ; 2 cr.
 57265 002 LEC, 15:45-17:25 MW, Carlson School of Mgmt L-114, In Person Term Based; Juliana Salomao ; 2 cr.

4622 International Finance

(A-F only; Prereq: CSOM major, 3001 or 3001H, 4121 or 4121H, 4221)

57408 001 LEC, 8:00- 9:40 MW, Carlson School of Mgmt 2-213, In Person Term Based; Juliana Salomao ; 2 cr.

5529 Derivatives II

(A-F only;)

67429 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt 1-123, In Person Term Based; Meets With: 001 FINA 4529; Stuart Webb ; 2 cr.

5920 Finance Topic

(A-F only;)

68263 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt L-122, In Person Term Based; Vivian Fang ; 2-4 cr.

6121 Debt Markets, Interest Rates, and Hedging

(A-F only; Prereq: MBA 6230, MBA student)
57106 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt
1-123, In Person Term Based; Rick Nelson ; 2 cr.
57107 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;)
57616 070 LEC, Completely Online; Andrew Winton ; 2 cr.

6222 Mergers and Acquisitions

(A-F only; Prereq: 6241, MBA Student)
57499 060 LEC, 17:45-21:05 T, Carlson School of Mgmt
2-233, In Person Term Based; Alan Thometz ; 2 cr.

6241 Corporate Finance Analysis and Decisions

(A-F only; Prereq: MBA 6230, MBA student)
57132 090 LEC, 17:45-21:05 W, Hanson Hall 1-105, In
Person Term Based; Helen Moser ; 4 cr.
57150 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt
2-213, In Person Term Based; Richard Thakor ; 4 cr.

6322 Financial Modeling

(A-F only; Prereq: MBA 6230, MBA student)
57171 090 LEC, 17:45-21:05 W, Carlson School of Mgmt
2-215, In Person Term Based; Timothy Nantell ; 2 cr.
57180 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)
57386 060 LEC, 17:45-21:05 W, Carlson School of Mgmt
1-135, In Person Term Based; Matthew Robertson ; 2 cr.

6325 Behavioral Finance

(A-F only; Prereq: MBA student)
57382 060 LEC, 17:45-21:05 M, Carlson School of Mgmt
1-135, In Person Term Based; Stuart Webb ; 2 cr.

6341 World Economy

(A-F only; Prereq: MBA 6230, MBA student)
57158 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)
57424 060 LEC, 17:45-21:05 W, Carlson School of Mgmt
1-132, In Person Term Based; 2 cr.

6621 International Financial Management

(A-F only; Prereq: MBA 6230, MBA student)
57315 060 LEC, 17:45-21:05 T, Carlson School of Mgmt
2-213, In Person Term Based; Don Keysser ; 2 cr.

6801 Finance Independent Study

(A-F only; Prereq: MBA student, instr consent)
57203 001 LEC, 00:00-00:00 , , In Person Term Based; 1-6
cr.

8803 Theory of Capital Markets II: Continuous Time

(Student Option; Prereq: [Econ 8101, Econ 8102,
Bbsness admin PhD student] or instr consent)
66956 001 LEC, In Person Term Based; 2 cr.

8810 Topics in Asset Pricing

(A-F or Audit; Prereq: Business admin PhD student or
instr consent)
66761 001 LEC, In Person Term Based; Xiaojin Lin ; 2 cr.

8892 Independent Study in Finance

(Student Option; Prereq: Business admin PhD student
or instr consent)
57164 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)
57082 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)

60060 001 LEC, 17:30-20:00 W, Vincent Hall 16, In Person
Term Based; Kaisa Taipale ; 3 cr.
60306 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)
60061 001 LEC, 17:30-20:50 Th, Akerman Hall 209, 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)
60063 001 LEC, 17:30-20:50 T, Mechanical Engineering 108,
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)
60064 001 LEC, 17:30-20:50 W, Tate Hall 110, In Person
Term Based; John Dodson, Jason Vinar, Arkady
Shemyakin ; 4 cr.

5092 Computation, Algorithms, and Coding in Finance II

(Student Option; Prereq: 5091, grad MFM major,
program director approval)
60062 001 LEC, 17:30-21:00 M, Bruininks Hall 512A, In
Person Term Based; Christopher Prouty ; 4 cr.
60307 002 LEC, 00:00-00:00 , ONLINE, Completely Online;
Christopher Prouty ; 4 cr.

Finnish (FIN)**1002 Beginning Finnish II**

(Student Option; Prereq: 1001)
52294 001 DIS, 14:30-15:20 MTWThF, Bruininks Hall 144, In
Person Term Based; Meets With: 001 FIN 4002; Aija Elg ;
5 cr.

1004 Intermediate Finnish II

(Student Option; Prereq: 1003)
52939 001 DIS, 16:40-18:45 TTh, Folwell Hall 30, In Person
Term Based; Meets With: 001 FIN 4004; Aija Elg ; 5 cr.

3012 Advanced Finnish

(Student Option; Prereq: 3011 or 4011)
54044 001 DIS, 16:00-17:15 MW, Folwell Hall 119, In Person
Term Based; Meets With: 001 FIN 4012; Aija Elg ; 3 cr.

4002 Beginning Finnish for Graduate Research II

(Student Option;)
52642 001 DIS, 14:30-15:20 MTWThF, Bruininks Hall 144, In
Person Term Based; Meets With: 001 FIN 1002; Aija Elg ;
5 cr.

4004 Intermediate Finnish for Graduate Research II

(Student Option;)
52940 001 DIS, 16:40-18:45 TTh, Folwell Hall 30, In Person
Term Based; Meets With: 001 FIN 1004; Aija Elg ; 5 cr.

4012 Advanced Finnish for Graduate Research

(Student Option;)
54477 001 DIS, 16:00-17:15 MW, Folwell Hall 119, In Person
Term Based; Meets With: 001 FIN 3012; Aija Elg ; 3 cr.

Fisheries and Wildlife (FW)**1901 Coral Reef Management in Belize**

(A-F only; ENV)
67006 001 LEC, 13:00-15:00 Th, Magrath Library 6, In
Person Term Based; Jim Perry ; 3 cr.

2001W Introduction to Fisheries, Wildlife, and Conservation Biology

(Student Option; Prereq: BIOL 1001 or BIOL
1009ENV,WI)

66652 001 LEC, 10:15-11:30 TTh, Borlaug Hall 335, In
Person Term Based; Todd Arnold ; 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)
56605 001 LEC, 12:50-13:40 MWF, Hodson Hall 495, In
Person Term Based; Peter Sorensen ; 3 cr.

3480 Topics in Fisheries, Wildlife & Conservation Biology

(Student Option;)
68336 001 LEC, 14:00-14:50 W, McNeal Hall 146, In Person
Term Based; Nicholas McCann ; 1-4 cr.

3925 Human Dimensions of Fisheries and Wildlife Management

(A-F only;)
56765 001 LEC, 17:10-18:25 TTh, Hodson Hall 495, In
Person Term Based; Lou Cornicelli ; 3 cr.

4101 Herpetology

(Student Option; Prereq: BIOL 1001 or BIOL 2012)
66482 001 LEC, 11:45-12:35 MWF, Hodson Hall 490, In
Person Term Based; Kenneth Kozak ; 4 cr.
66483 002 LAB, 12:50-14:45 M, Ecology Building 160, In
Person Term Based; Kenneth Kozak ; 4 cr.
66484 003 LAB, 12:50-14:45 W, Ecology Building 160, In
Person Term Based; Kenneth Kozak ; 4 cr.

4102 Principles of Conservation Biology

(Student Option; Prereq: introductory biology
course ENV)
56594 001 LEC, 11:45-13:00 TTh, Biological Sciences Ctr
64, In Person Term Based; Julia Leone ; 3 cr.

4107 Principles of Fisheries Science and Management

(A-F only; Prerequisite: Intro biology course, [jr or sr])
56836 001 LEC, 9:35-10:25 MWF, Ruttan Hall 143, In Person
Term Based; Ray Newman ; 3 cr.

4291 Independent Study: Fisheries

(Student Option; Prereq: instr consent)
56271 001 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
56272 002 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
56273 003 IND, 00:00-00:00 , , In Person Term Based; David
Fulton ; 1-5 cr.
56274 004 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
56275 008 IND, 00:00-00:00 , , In Person Term Based; Peter
Sorensen ; 1-5 cr.
56349 005 IND, 00:00-00:00 , , In Person Term Based; Ray
Newman ; 1-5 cr.
56435 007 IND, 00:00-00:00 , , In Person Term Based;
Andrew Simons ; 1-5 cr.
56436 009 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
56469 010 IND, 00:00-00:00 , , In Person Term Based; Bruce
Vondracek ; 1-5 cr.
56493 006 IND, 00:00-00:00 , , In Person Term Based; Jim
Perry ; 1-5 cr.
56513 011 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
56514 012 IND, 00:00-00:00 , , In Person Term Based;
Kristen Nelson ; 1-5 cr.
56602 013 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
56689 014 IND, 00:00-00:00 , , In Person Term Based; Paul
Venturelli ; 1-5 cr.

4391 Independent Study: Wildlife

(Student Option; Prereq: instr consent)
56266 002 IND, 00:00-00:00 , , In Person Term Based; David
Andersen ; 1-5 cr.
56267 003 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
56268 004 IND, 00:00-00:00 , , In Person Term Based;
Francesca Cuthbert ; 1-5 cr.
56269 005 IND, 00:00-00:00 , , In Person Term Based; David
Fulton ; 1-5 cr.
56270 007 IND, 00:00-00:00 , , In Person Term Based; Karen
Oberhauser ; 1-5 cr.
56358 006 IND, 00:00-00:00 , , In Person Term Based; 1-5
cr.
56487 001 IND, 00:00-00:00 , , In Person Term Based;
James Forester ; 1-5 cr.
56515 008 IND, 00:00-00:00 , , In Person Term Based;
Kristen Nelson ; 1-5 cr.
56550 009 IND, 00:00-00:00 , , In Person Term Based; Todd
Arnold ; 1-5 cr.

4629 Wildlife Care and Handling Externship

(A-F only ;)
56880 001 DIS, 9:00-11:00 F, Lrng & Environmental Sci
140C, 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)
56517 001 LEC, 15:00-16:55 TTh, Coffey Hall 50, In Person
Term Based; Todd Arnold ; 4 cr.

5121 Conservation Planning and Structured Decision-making

(A-F only; Prerequisites: Senior or graduate standing,
or permission of instructor. Recommended: One
course in ecology, environmental science or
permission of instructor.)
67727 001 LEC, 9:00-12:00 F, Magrath Library 8, In Person
Term Based; Laura Dee ; 3 cr.

5392 Special Lectures: Wildlife

(Student Option;)
67967 001 LEC, 9:00-11:00 Th, Ruttan Hall B36, In Person
Term Based; Tom Will, Thomas Cooper ; 1-5 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])
56350 001 LEC, 00:00-00:00 , , In Person Term Based;
James Smith ; 2 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)
56380 001 IND, In Person Term Based; 1 cr.

8394 Research in Fisheries

(Student Option;)
56302 001 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56551 002 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56552 003 IND, 00:00-00:00 , , In Person Term Based; Laura
Dee ; 1-4 cr.
56553 004 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56554 005 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56555 006 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56556 007 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56557 008 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56558 009 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56559 010 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56560 011 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56561 012 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56562 013 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56563 014 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56564 015 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56565 016 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)
56397 001 IND, In Person Term Based; 1 cr.

8494 Research in Wildlife

(Student Option; Prereq: instr consent)
56566 001 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56567 002 IND, 00:00-00:00 , , In Person Term Based;
Robert Blair ; 1-4 cr.
56568 003 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56569 004 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56570 005 IND, 00:00-00:00 , , In Person Term Based;
Francesca Cuthbert ; 1-4 cr.
56571 006 IND, 00:00-00:00 , , In Person Term Based;
James Forester ; 1-4 cr.
56572 007 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.

56573 008 IND, 00:00-00:00 , , In Person Term Based;
Kristen Nelson ; 1-4 cr.
56574 009 IND, 00:00-00:00 , , In Person Term Based; David
Fulton ; 1-4 cr.
56575 010 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56576 011 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56577 012 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56578 013 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56579 014 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56580 015 IND, 00:00-00:00 , , In Person Term Based; Jim
Perry ; 1-4 cr.
56581 016 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
56582 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)
56415 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])
56427 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)
56446 001 IND, In Person Term Based; 1-24 cr.

Food Science and Nutrition (FSCN)**1011 Science of Food and Cooking**

(Student Option; PHYS)
56694 001 LEC, 11:45-13:00 TTh, Food Science & Nutrition
15, In Person Term Based; David Smith ; 4 cr.
56695 002 LAB, 9:35-11:30 T, McNeal Hall 126, In Person
Term Based; David Smith ; 4 cr.
56696 003 LAB, 13:15-15:10 T, McNeal Hall 126, In Person
Term Based; David Smith ; 4 cr.
56697 004 LAB, 9:35-11:30 Th, McNeal Hall 126, In Person
Term Based; David Smith ; 4 cr.
56698 005 LAB, 13:15-15:10 Th, McNeal Hall 126, In Person
Term Based; David Smith ; 4 cr.
56887 006 LAB, 15:35-17:30 Th, McNeal Hall 126, In Person
Term Based; David Smith ; 4 cr.

1012 Sports Nutrition

(Student Option;)
56888 001 LEC, Completely Online; Renata Korczak ; 2 cr.

1102 Food: Safety, Risks, and Technology

(Student Option No Audit; CIV)
56225 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; Prerequisites: High school biology
and chemistryTS)
56226 002 LEC, 16:00-17:15 MW, Bruininks Hall 114, In
Person Term Based; Moon-Suhn Ryu ; 3 cr.
56354 D11 LEC, 00:00-00:00 , , Online & Distance Lrng
(ODL); Marla Reicks ; 3 cr.
56355 E11 LEC, 00:00-00:00 , , Online & Distance Lrng
(ODL); Marla Reicks ; 3 cr.
56488 B11 LEC, 00:00-00:00 , , Online & Distance Lrng
(ODL); Marla Reicks ; 3 cr.
56489 C11 LEC, 00:00-00:00 , , Online & Distance Lrng
(ODL); Marla Reicks ; 3 cr.
56804 001 LEC, 8:00- 9:15 MW, Nicholson Hall 275, In
Person Term Based; Aimee Tritt ; 3 cr.

2001 Healthy Foods, Healthy Lives: A Food System Approach to Cooking

(Student Option; Prereq: [soph, jr, sr] or instr consent)
56757 001 LEC, 9:35-11:30 M, McNeal Hall 395, In Person
Term Based; Robin Schow ; 3 cr.
56806 002 LAB, 15:30-18:30 M, McNeal Hall 126, In Person
Term Based; Robin Schow ; 3 cr.
56807 003 LAB, 10:00-13:00 F, McNeal Hall 126, In Person
Term Based; Robin Schow ; 3 cr.

2002 Healthy Foods, Healthy Lives - Cooking on a Student's Budget

(Student Option;)
56760 001 LAB, 15:00-18:00 M, Lab TBA, In Person Term
Based; Robin Schow ; 1 cr.
56808 002 LAB, 10:00-13:00 F, Lab TBA, In Person Term
Based; Robin Schow ; 1 cr.

2021 Introductory Microbiology

(A-F only;)
56649 001 LEC, 8:30- 9:20 MWF, Andrew Boss Laboratory
125, In Person Term Based; David Baumler, Steven
Bowden ; 4 cr.
56650 002 LAB, 14:45-16:40 T, Food Science & Nutrition
218, In Person Term Based; David Baumler, Steven
Bowden ; 4 cr.
56651 003 LAB, 14:45-16:40 W, Food Science & Nutrition
218, In Person Term Based; David Baumler, Steven
Bowden ; 4 cr.
56701 004 LAB, 14:45-16:40 Th, Food Science & Nutrition
218, In Person Term Based; Steven Bowden ; 4 cr.

3612 Life Cycle Nutrition

(Student Option; Prereq: CHEM 1061/1065)
56762 001 LEC, 9:35-10:25 MWF, Andrew Boss Laboratory
125, In Person Term Based; Aimee Tritt ; 3 cr.

3615 Sociocultural Aspects of Food, Nutrition, and Health

(A-F only; GP)
56763 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.)
56464 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])
56227 001 LEC, 10:40-11:30 WF, Food Science & Nutrition
15, In Person Term Based; David Baumler ; 3 cr.
56634 002 LAB, 10:40-12:35 TTh, Food Science & Nutrition
218, In Person Term Based; David Baumler ; 3 cr.
56805 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)
56356 001 IND, In Person Term Based; 1-4 cr.

4311 Chemical Reactions in Food Systems

(Student Option; Prereq: 4112, 4312W)
56642 001 LAB, 16:05-16:55 WF, Ruttan Hall B30,
12:50-15:50 F, Andrew Boss Laboratory 135, 12:50-16:50
F, Andrew Boss Laboratory 135, In Person Term Based; B.
Pam Ismail, Catrin Tyl ; 2 cr.
68335 002 LAB, 16:05-16:55 WF, Ruttan Hall B30,
11:15-14:55 Th, Andrew Boss Laboratory 135, 11:15-14:15
Th, Andrew Boss Laboratory 135, In Person Term Based;
Catrin Tyl, B. Pam Ismail ; 2 cr.

4332 Food Processing Operations

(A-F or Audit; Prerequisite: BBE 4744)
56454 001 LEC, 11:45-12:35 WF, Food Science &
Nutrition 15, In Person Term Based; David Smith, Kumar
Mallikarjunan ; 3 cr.
56455 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)
56637 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)
56718 001 LEC, 12:50-13:40 W, McNeal Hall 316, In Person
Term Based; Zata Vickers ; 1 cr.
56801 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.
56802 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.

4612W Advanced Human Nutrition

(Student Option; Prerequisites: FSCN 1112, CHEM 1062 and CHEM 1066 Enforced Prerequisites (students cannot register without the following): BioC 3021 or PHSL 3051 or ANSC 3301 or BIOL 3211 or Instructor Consent(W))

56753 001 LEC, 10:40-12:35 MW, Andrew Boss Laboratory 125, In Person Term Based; Joanne Slavin ; 4 cr.

4613 Experimental Nutrition

(Student Option;)

56229 002 LAB, 12:50-15:50 M, Andrew Boss Laboratory 135, In Person Term Based; Dan Gallaher ; 2 cr.

56351 001 LEC, 11:45-12:35 F, Andrew Boss Laboratory 125, In Person Term Based; Dan Gallaher ; 2 cr.

56357 003 LAB, 12:50-15:50 W, Andrew Boss Laboratory 135, In Person Term Based; Dan Gallaher ; 2 cr.

56632 005 LAB, 9:35-12:35 T, Andrew Boss Laboratory 135, In Person Term Based; Dan Gallaher ; 2 cr.

4614W Community Nutrition

(A-F only; DSJ,WI,SOC5)

56230 001 LEC, 13:30-14:45 TTh, Food Science & Nutrition 15, In Person Term Based; Chery Smith ; 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])

56654 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;)

56231 001 LEC, 17:15-20:00 W, Biological Sciences Ctr 64, In Person Term Based; Levi Teigen ; 3 cr.

4732 Food and Nutrition Management

(A-F or Audit; Prereq: 3732)

56232 001 LEC, 8:05- 9:20 TTh, Andrew Boss Laboratory 125, In Person Term Based; Len Marquart ; 3 cr.

5601 Management of Eating Disorders

(Student Option; Prereq: Junior, senior or graduate student in nutrition or health related program or instructor consent.)

56700 001 LEC, 17:30-20:10 T, Ruttan Hall B30, In Person Term Based; Jillian Lampert ; 3 cr.

8310 General Seminar

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

56249 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.)

56250 001 LEC, 8:30-10:25 F, Ruttan Hall B26, In Person Term Based; ; 2 cr.

8330 Research Topics

(Student Option;)

56461 001 LEC, 00:00-00:00 , , In Person Term Based; 1 cr.

8331 Food Proteins

(Student Option; Prereq: 4112, 4312)

56756 001 LEC, 13:55-15:45 W, Ruttan Hall B30, In Person Term Based; B. Pam Ismail ; 2 cr.

8333 FTE: Master's

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

56379 001 IND, In Person Term Based; 1 cr.

8335 Carbohydrate Chemistry in Food and Nutrition

(Student Option; Prereq: 4112)

56644 001 LEC, 18:00-20:00 T, Ruttan Hall B22, In Person Term Based; 2 cr.

8391 Independent Study: Food Science

(Student Option; Prereq: instr consent)

56362 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)

56396 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)

56414 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])

56426 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)

56445 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)

56731 001 LEC, 10:40-12:45 TTh, Alderman Hall 415, In Person Term Based; Thomas Michaels, Craig Sheaffer ; 3 cr.

4101 Holistic Approaches to Improving Food Systems Sustainability

(A-F only;)

56749 001 LEC, 15:00-17:30 T, Alderman Hall 405, In Person Term Based; Julie Grossman ; 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)

56501 001 LEC, 16:05-18:00 M, Green Hall 110, In Person Term Based; Andrew Jenks, Paul Bolstad ; 4 cr.

56502 002 LAB, 16:05-18:00 T, Skok Hall 35, In Person Term Based; Andrew Jenks, Paul Bolstad ; 4 cr.

56512 003 LAB, 18:00-20:00 M, Skok Hall 35, In Person Term Based; Andrew Jenks, Paul Bolstad ; 4 cr.

56534 004 LAB, 12:50-14:45 W, Skok Hall 35, In Person Term Based; Andrew Jenks, Paul Bolstad ; 4 cr.

56623 005 LAB, 10:40-12:35 T, Skok Hall 35, In Person Term Based; Andrew Jenks, Paul Bolstad ; 4 cr.

56688 007 LAB, 00:00-00:00 , , Partially Online; Paul Bolstad, Andrew Jenks ; 4 cr.

56758 020 LEC, 00:00-00:00 , , ONLINE, Completely Online; Andrew Jenks, Paul Bolstad ; 4 cr.

56759 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;)

56482 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)

56172 001 LEC, 11:45-12:35 MWF, Skok Hall 100, In Person Term Based; Meets With: 001 FNRM 5218; Christopher Edgar ; 3 cr.

3362 Drones: Data, Analysis, and Operations

(Student Option; Prereq: None, but prior coursework in GIS is recommended.)

67236 001 LEC, 9:35-11:30 F, Hodson Hall 490, In Person Term Based; Meets With: 001 FNRM 5362; Joe Knight ; 3 cr.

3431 Timber Harvesting and Road Planning

(Student Option; Prereq: FNRM 3411 or instr consent)

56223 001 LEC, 13:55-14:45 MW, Green Hall 203, In Person Term Based; Meets With: 001 FNRM 5431; Charlie Blinn ; 2 cr.

3462 Advanced Remote Sensing and Geospatial Analysis

(Student Option; Prereq: FNRM 3262/5262 or instr consent)

67234 001 LEC, 10:15-11:30 TTh, Green Hall 203, In Person Term Based; Meets With: 001 FNRM 5462; Joe Knight ; 3 cr.

3480 Topics in Natural Resources

(Student Option;)

67960 001 LEC, In Person Term Based; Meets With: 001 FNRM 5480; Marcella Windmuller-Campione ; 1-3 cr.

3501 Arboriculture: Selection and Maintenance of Trees

(Student Option;)

56221 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)

56474 001 LEC, 11:45-13:00 TTh, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 FNRM 5232; Ingrid Schneider ; 4 cr.

56475 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)

56324 001 IND, 00:00-00:00 , , In Person Term Based; Charlie Blinn ; 1-5 cr.

56325 002 IND, 00:00-00:00 , , In Person Term Based; Paul Bolstad ; 1-5 cr.

56326 005 IND, 00:00-00:00 , , In Person Term Based; Mae Davenport ; 1-5 cr.

56327 006 IND, 00:00-00:00 , , In Person Term Based; Andrew David ; 1-5 cr.

56328 007 IND, 00:00-00:00 , , In Person Term Based; Christopher Edgar ; 1-5 cr.

56329 008 IND, 00:00-00:00 , , In Person Term Based; Forrest Fleischman ; 1-5 cr.

56330 009 IND, 00:00-00:00 , , In Person Term Based; Lee Frelich ; 1-5 cr.

56331 012 IND, 00:00-00:00 , , In Person Term Based; Gary Johnson ; 1-5 cr.

56332 014 IND, 00:00-00:00 , , In Person Term Based; Mike Kilgore ; 1-5 cr.

56333 015 IND, 00:00-00:00 , , In Person Term Based; Joe Knight ; 1-5 cr.

56334 018 IND, 00:00-00:00 , , In Person Term Based; Peter Reich ; 1-5 cr.

56335 019 IND, 00:00-00:00 , , In Person Term Based; Matthew Russell ; 1-5 cr.

56336 020 IND, 00:00-00:00 , , In Person Term Based; Ingrid Schneider ; 1-5 cr.

56337 021 IND, 00:00-00:00 , , In Person Term Based; Marcella Windmuller-Campione ; 1-5 cr.

56363 011 IND, 00:00-00:00 , , In Person Term Based; Andrew Jenks ; 1-5 cr.

56364 013 IND, 00:00-00:00 , , In Person Term Based; Diana Karwan ; 1-5 cr.

56365 016 IND, 00:00-00:00 , , In Person Term Based; Rebecca Montgomery ; 1-5 cr.

56519 010 IND, 00:00-00:00 , , In Person Term Based; Howard Hoganson ; 1-5 cr.

56595 017 IND, 00:00-00:00 , , In Person Term Based; Kristen Nelson ; 1-5 cr.

56598 004 IND, 00:00-00:00 , , In Person Term Based; Dean Current ; 1-5 cr.

56667 022 IND, 00:00-00:00 , , In Person Term Based; John Zobel ; 1-5 cr.

56890 003 IND, In Person Term Based; Stephan Carlson ; 1-5 cr.

4501 Urban Forest Management: Managing Greenspaces for People

(Student Option;)

56495 001 LEC, 14:00-15:15 MW, Green Hall 19, In Person Term Based; Meets With: 001 FNRM 5501; Gary Johnson ; 3 cr.

5153 Forest Hydrology & Watershed

Biogeochemistry

(Student Option; Prereq: [Basic hydrology course, one course in ecology, and one course in chemistry [upper div or grad student]] or instr consent)

66515 001 LEC, 10:15-11:30 MW, Green Hall 19, In Person Term Based; Diana Karwan ; 3 cr.

5203 Forest Fire and Disturbance Ecology

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

56483 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)

56476 001 LEC, 11:45-13:00 TTh, Kaufert Laboratory 302, In Person Term Based; Meets With: 001 FNRM 4232W; Ingrid Schneider ; 4 cr.
56481 002 DIS, 13:55-14:45 Th, Kaufert Laboratory 302, In Person Term Based; Meets With: 002 FNRM 4232W; Ingrid Schneider ; 4 cr.

5362 Drones: Data, Analysis, and

Operations
(Student Option; Prereq: grad student or instr consent)
67235 001 LEC, 9:35-11:30 F, Hodson Hall 490, In Person Term Based; Meets With: 001 FNRM 3362; Joe Knight ; 3 cr.

5462 Advanced Remote Sensing and Geospatial Analysis

(Student Option; Prereq: grad student or instr consent)
56668 001 LEC, 10:15-11:30 TTh, Green Hall 203, In Person Term Based; Meets With: 001 FNRM 3462; Joe Knight ; 3 cr.

5480 Topics in Natural Resources

(Student Option;)
67886 001 LEC, In Person Term Based; Meets With: 001 FNRM 3480; Marcella Windmuller-Campione ; 1-3 cr.

5501 Urban Forest Management: Managing Greenspaces for People

(Student Option;)
56222 001 LEC, 14:00-15:15 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)
56347 001 IND, 00:00-00:00 , In Person Term Based; Rebecca Montgomery ; 1-5 cr.
56729 002 IND, 00:00-00:00 , In Person Term Based; Peter Reich ; 1-5 cr.

8102 Research Problems: Forest-Tree Genetics

(Student Option;)
56348 001 IND, 00:00-00:00 , In Person Term Based; Andrew David ; 1-5 cr.

8103 Research Problems: Forest Hydrology

(Student Option;)
56338 001 IND, 00:00-00:00 , In Person Term Based; Diana Karwan ; 1-5 cr.

8104 Research Problems: Forest Ecology

(Student Option;)
56339 001 IND, 00:00-00:00 , In Person Term Based; Lee Frelich ; 1-5 cr.
56523 002 IND, 00:00-00:00 , In Person Term Based; Rebecca Montgomery ; 1-5 cr.
56752 003 IND, 00:00-00:00 , In Person Term Based; Peter Reich ; 1-5 cr.

8105 Research Problems: Silviculture

(Student Option;)
56340 001 IND, 00:00-00:00 , In Person Term Based; Marcella Windmuller-Campione ; 1-5 cr.
66799 002 IND, In Person Term Based; Matthew Russell ; 1-5 cr.

8106 Research Problems: Urban Forestry-- Biology and Management

(Student Option;)
56341 001 IND, 00:00-00:00 , In Person Term Based; Gary Johnson ; 1-5 cr.

8108 Research Problems: Forest Ecosystem Health

(Student Option No Audit;)
66516 001 IND, In Person Term Based; Matthew Russell ; 1-5 cr.
66517 002 IND, In Person Term Based; Marcella Windmuller-Campione ; 1-5 cr.

8201 Research Problems: Forest Economics

(Student Option;)
56342 001 IND, 00:00-00:00 , In Person Term Based; Dean Current ; 1-5 cr.
56524 002 IND, 00:00-00:00 , In Person Term Based; Howard Hoganson ; 1-5 cr.
67722 003 IND, In Person Term Based; Mike Kilgore ; 1-5 cr.

8202 Research Problems: Forest Biometry and Measurements

(Student Option;)
56343 001 IND, 00:00-00:00 , In Person Term Based; Christopher Edgar ; 1-5 cr.
56525 002 IND, 00:00-00:00 , In Person Term Based; Matthew Russell ; 1-5 cr.

8203 Research Problems: Forest Recreation

(Student Option;)
56496 001 IND, 00:00-00:00 , In Person Term Based; Mae Davenport ; 1-5 cr.
56587 002 IND, 00:00-00:00 , In Person Term Based; Ingrid Schneider ; 1-5 cr.

8204 Research Problems: Forest Policy

(Student Option;)
56344 001 IND, 00:00-00:00 , In Person Term Based; Dean Current ; 1-5 cr.
56526 002 IND, 00:00-00:00 , In Person Term Based; Forrest Fleischman ; 1-5 cr.
56527 003 IND, 00:00-00:00 , In Person Term Based; Mike Kilgore ; 1-5 cr.
67724 004 IND, In Person Term Based; Kristen Nelson ; 1-5 cr.

8205 Research Problems: Spatial Data Analysis

(Student Option; Prereq: instr consent)
56345 001 IND, 00:00-00:00 , In Person Term Based; Paul Bolstad ; 1-5 cr.
56528 002 IND, 00:00-00:00 , In Person Term Based; Joe Knight ; 1-5 cr.

8206 Research Problems: Forest Management

(Student Option;)
56346 001 IND, 00:00-00:00 , In Person Term Based; Charlie Blinn ; 1-5 cr.
56529 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)
56494 001 IND, 00:00-00:00 , In Person Term Based; Dean Current ; 2 cr.
56530 002 IND, 00:00-00:00 , In Person Term Based; Forrest Fleischman ; 2 cr.
66800 003 IND, In Person Term Based; Mike Kilgore ; 2 cr.

8208 Research Problems: Environmental Learning and Leadership

(Student Option; Prereq: instr consent)
56463 001 IND, 00:00-00:00 , In Person Term Based; Stephan Carlson ; 1-5 cr.
56533 002 IND, 00:00-00:00 , In Person Term Based; Dean Current ; 1-5 cr.
66801 003 IND, In Person Term Based; Kristen Nelson ; 1-5 cr.

French (FREN)

100 Reading French in the Arts and Sciences

(S-N only;)
53611 001 DIS, 18:20-20:20 T, Folwell Hall 119, In Person Term Based; Claude Cassagne ; 0 cr.

1001 Beginning French I

(Student Option;)
52416 001 DIS, 9:05- 9:55 MTWThF, Folwell Hall 31, Partially Online; Arwa Reda ; 5 cr.
52417 003 DIS, 11:15-12:05 MTWThF, Folwell Hall 4, Partially Online; Rick Treece ; 5 cr.
52418 004 DIS, 12:20-13:10 MTWThF, Folwell Hall 30, Partially Online; Pauline Morjo ; 5 cr.
52419 006 DIS, 18:20-20:25 MTh, Folwell Hall 31, Partially Online; Meets With: 006 FREN 4001; Coraline Kandassamy ; 5 cr.
54465 005 DIS, 13:25-14:15 MTWThF, Folwell Hall 31, Partially Online; Meets With: 005 FREN 4001; Jeremy Labbe ; 5 cr.
54819 002 DIS, 10:10-11:00 MTWThF, Folwell Hall 122, Partially Online; Meets With: 002 FREN 4001; Noah Goodwin ; 5 cr.

1002 Beginning French II

(Student Option; Prereq: FREN 1001 or equivalent.)

52420 001 DIS, 9:05- 9:55 MTWTh, Kolthoff Hall 138, Partially Online; Chloe Hagen ; 5 cr.
52421 002 DIS, 10:10-11:00 MTWTh, Folwell Hall 30, Partially Online; Meets With: 002 FREN 4002; 5 cr.
52422 003 DIS, 11:15-12:05 MTWTh, Peik Hall 165, Partially Online; Meets With: 003 FREN 4002; 5 cr.
52423 004 DIS, 12:20-13:10 MTWTh, Folwell Hall 12, Partially Online; Konrad Herath ; 5 cr.
52424 005 DIS, 18:20-20:25 MTh, Folwell Hall 123, Partially Online; Meets With: 005 FREN 4002; Darren LaScotte ; 5 cr.

1003 Intermediate French I

(Student Option; Prereq: C- or better in FREN 1002 or 1022, or EPT (for students taking their first French course at the U))
52425 001 DIS, 9:05- 9:55 MTWTh, Bruininks Hall 117, Partially Online; Lauren Goodspeed ; 5 cr.
52426 003 DIS, 11:15-12:05 MTWTh, Folwell Hall 116, Partially Online; Meets With: 003 FREN 4003; Patricia Mougel ; 5 cr.
52427 005 DIS, 12:20-13:10 MTWTh, Folwell Hall 28, Partially Online; Patricia Mougel ; 5 cr.
52703 006 DIS, 13:25-14:15 MTWTh, Folwell Hall 123, Partially Online; Rick Treece ; 5 cr.
53173 002 DIS, 10:10-11:00 MTWTh, Folwell Hall 32, Partially Online; Meets With: 002 FREN 4003; Rick Treece ; 5 cr.
53174 004 DIS, 11:15-12:05 MTWTh, Bruininks Hall 123, Partially Online; Lauren Goodspeed ; 5 cr.
66558 007 DIS, 18:20-20:25 MTh, Folwell Hall 122, Partially Online; Meets With: 007 FREN 4003; Sean Killackey ; 5 cr.

1004 Intermediate French II

(Student Option; Prereq: C- or better in FREN 1003, or EPT/LPE (for students taking their first French course at the U))
52428 003 DIS, 10:10-11:00 MTWTh, Folwell Hall 8, Partially Online; Marina Calas ; 5 cr.
52429 004 DIS, 11:15-12:05 MTWTh, Civil Engineering Bldg 213, Partially Online; Heidi Beckman ; 5 cr.
52430 005 DIS, 11:15-12:05 MTWTh, Wulling Hall 240, Partially Online; Lydia Belateche ; 5 cr.
52431 007 DIS, 13:25-14:15 MTWTh, Bruininks Hall 144, Partially Online; Lydia Belateche ; 5 cr.
52432 008 DIS, 18:20-20:25 MTh, Folwell Hall 116, Partially Online; Meets With: 008 FREN 4004; Shiloh Stone ; 5 cr.
53175 001 DIS, 8:00- 8:50 MTWTh, Folwell Hall 121, Partially Online; Marina Calas ; 5 cr.
53176 006 DIS, 12:20-13:10 MTWTh, Folwell Hall 123, Partially Online; Meets With: 006 FREN 4004; Chris Holmes ; 5 cr.
53359 002 DIS, 9:05- 9:55 MTWTh, Folwell Hall 30, Partially Online; Meets With: 002 FREN 4004; Amgad Serour ; 5 cr.

1022 Accelerated Beginning French

(Student Option;)
52689 002 DIS, 11:15-12:05 MTWThF, Folwell Hall 31, Partially Online; Meets With: 002 FREN 4022; Cameron Cook ; 5 cr.
66559 003 DIS, 13:25-14:15 MTWThF, Amundson Hall 156, Partially Online; Meets With: 003 FREN 4022; Abraham Lamptey ; 5 cr.

1501 Gateways to French and Francophone Studies: English Only

(A-F or Audit; Prerequisites. All materials for French 1501 are in English, and students in all programs are welcome!AH,GP)
55241 001 FWK, 14:30-15:45 TTh, Bruininks Hall 512A, In Person Term Based; Christophe Wall-Romana ; 3 cr.

1502 Gateways to French and Francophone Studies: Bilingual

(A-F or Audit; Prereq: FREN 1004 (or equivalent through the LPE)AH,GP)
55242 001 FWK, 14:30-15:45 TTh, Bruininks Hall 512B, In Person Term Based; Farrah Mahroug ; 3 cr.

3015 Advanced French Grammar and Communication

(Student Option; Prerequisite: French 1004 or LPE. Voil?, c'est fait: You have completed French 1004 or passed the LPE. You are certified as an intermediate speaker of French. Don't lose your momentum! French 3015 allows you to start working toward a new goal: advanced proficiency in speaking, listening, reading, and writing French. Along with this higher proficiency comes a deeper understanding of French and Francophone culture around the world. In this class, you will focus on grammar in context, reading longer, more complex texts in the original language. You will write short compositions that include various genres such as the first-person narrative, the business

letter, and the essay. You will learn how to use the correction software Antidote as a means of perfecting your writing skills. In class, you will participate in group work to boost your oral comprehension skills and in writing workshops to boost your writing skills. Listening activities include a film, an audiobook, a song, and videos related to readings. Written exercises include translation, grammar, and vocabulary building. Literary readings include excerpts from a medieval text (La ?gende de Tristan et Iseut), as well as four 20th-century texts (by Danielle Cadorette, Annie Ernaux, Albert Camus, and Pierre-Jakez H'lias). Journalists include Kamel Daoud (published in the Le Monde) and Fatym Layachi (published in the Moroccan newspaper Tel Quel). Based on these readings and discussions of the themes of friendship, family, education, work, technology, and bilingualism, you will explore notions of identity in the French and Francophone world.)

52433 001 DIS, 9:05-9:55 MWF, Folwell Hall 119, In Person Term Based; Marina Calas ; 3 cr.

52434 002 DIS, 10:10-11:00 MWF, Wulling Hall 240, In Person Term Based; Lydia Belateche ; 3 cr.

53100 003 DIS, 13:25-14:15 MWF, Wulling Hall 240, In Person Term Based; Ben Obernolte ; 3 cr.

3016 Advanced French Composition and Communication

(Student Option; Prerequisite: FREN 3015.)

52435 001 LEC, 9:05-9:55 MWF, Folwell Hall 112, In Person Term Based; Trina Whitaker ; 3 cr.

52436 002 LEC, 10:10-11:00 MWF, Folwell Hall 108, In Person Term Based; Genevieve Young ; 3 cr.

3018 French Oral Communication

(Student Option; Prerequisite: 3014, 3015)

66592 001 DIS, 14:30-15:45 TTh, Folwell Hall 123, In Person Term Based; Patricia Mougel ; 3 cr.

3101W Methods in French and Francophone Studies

(Student Option; Prerequisite: 3016 or equivLITR,WI)

52437 001 DIS, 11:15-12:30 TTh, Folwell Hall 108, In Person Term Based; Susan Noakes ; 3 cr.

53424 002 DIS, 9:45-11:00 TTh, Folwell Hall 119, In Person Term Based; Christopher Ice ; 3 cr.

3172 The Court Society: Literature, Culture, Spectacle

(Student Option;)

67003 001 DIS, 11:15-12:30 MW, Nicholson Hall 315, In Person Term Based; Jennifer Row ; 3 cr.

3345 The Holocaust in France: Literature, History, Testimony

(Student Option; Prerequisite: FREN 3015; it is recommended that students have taken, or take concurrently, FREN 3101W.)

68638 001 DIS, 9:45-11:00 TTh, Bruininks Hall 123, In Person Term Based; Meets With: 001 FREN 3745001 JWST 3745; Bruno Chaouat ; 3 cr.

3521 History of the French Language

(Student Option; Prerequisite: 3015, [3500 or Ling 3001 or instr consent])

66593 001 DIS, 13:25-14:15 MWF, Folwell Hall 10, In Person Term Based; Betsy Kerr ; 3 cr.

3650 Topics in French/Francophone Cultures

(Student Option; Prerequisite: 3015)

68827 001 DIS, 13:00-14:15 TTh, Nicholson Hall 335, In Person Term Based; C. Brian Barnett ; 3 cr.

3745 The Holocaust in France: Literature, History, Testimony

(Student Option; Prerequisite: None)

68639 001 DIS, 9:45-11:00 TTh, Bruininks Hall 123, In Person Term Based; Meets With: 001 FREN 3345001 JWST 3745; Bruno Chaouat ; 3 cr.

4001 Beginning French for Graduate Student Research I

(Student Option;)

66594 002 DIS, 10:10-11:00 MTWThF, Folwell Hall 122, In Person Term Based; Meets With: 002 FREN 1001; Noah Goodwin ; 5 cr.

66595 005 DIS, 13:25-14:15 MTWThF, Folwell Hall 31, In Person Term Based; Meets With: 005 FREN 1001; Jeremy Labbe ; 5 cr.

66596 006 DIS, 18:20-20:25 MTh, Folwell Hall 31, In Person Term Based; Meets With: 006 FREN 1001; Coraline Kandassamy ; 5 cr.

4002 Beginning French for Graduate Student Research II

(Student Option; Prerequisite: FREN 1001/4001 or equivalent.)

66597 002 DIS, 10:10-11:00 MTWTh, Folwell Hall 30, In Person Term Based; Meets With: 002 FREN 1002; 5 cr.

66598 003 DIS, 11:15-12:05 MTWTh, Peik Hall 165, In Person Term Based; Meets With: 003 FREN 1002; 5 cr.

66599 005 DIS, 18:20-20:25 MTh, Folwell Hall 123, In Person Term Based; Meets With: 005 FREN 1002; Darren LaScotte ; 5 cr.

4003 Int French for Grad Research I

(Student Option; Prerequisite: C- or better in FREN 1002/4002 or 1022/4022, or EPT (for students taking their first French course at the U))

66600 002 DIS, 10:10-11:00 MTWTh, Folwell Hall 32, In Person Term Based; Meets With: 002 FREN 1003; Rick Treese ; 5 cr.

66601 003 DIS, 11:15-12:05 MTWTh, Folwell Hall 116, In Person Term Based; Meets With: 003 FREN 1003; Patricia Mougel ; 5 cr.

66602 007 DIS, 18:20-20:25 MTh, Folwell Hall 122, In Person Term Based; Meets With: 007 FREN 1003; Sean Killackey ; 5 cr.

4004 Intermediate French for Graduate Student Research II

(Student Option; Prerequisite: C- or better in FREN 1003/4003, or EPT/LPE (for students taking their first French course at the U))

66603 002 DIS, 9:05-9:55 MTWTh, Folwell Hall 30, In Person Term Based; Meets With: 002 FREN 1004; Amgad Serour ; 5 cr.

66604 006 DIS, 12:20-13:10 MTWTh, Folwell Hall 123, In Person Term Based; Meets With: 006 FREN 1004; Chris Holmes ; 5 cr.

66605 008 DIS, 18:20-20:25 MTh, Folwell Hall 116, In Person Term Based; Meets With: 008 FREN 1004; Shiloh Stone ; 5 cr.

4022 Accelerated Beginning French for Graduate Student Research

(Student Option; Prerequisite: 1001/4001 or equivalent)

66606 002 DIS, 11:15-12:05 MTWThF, Folwell Hall 31, In Person Term Based; Meets With: 002 FREN 1022; Cameron Cook ; 5 cr.

66607 003 DIS, 13:25-14:15 MTWThF, Amundson Hall 156, In Person Term Based; Meets With: 003 FREN 1022; Abraham Lamptey ; 5 cr.

4101V Honors Capstone Seminar in French and Francophone Studies

(A-F only; Prerequisite: French 3101W and at least three electives completed.WI)

55262 001 LAB, 14:30-16:25 W, Folwell Hall 123, In Person Term Based; Meets With: 001 FREN 4101W; Jennifer Row ; 2 cr.

4101W Capstone Seminar in French and Francophone Studies

(A-F only; Prerequisite: French 3101W and at least three electives completed.WI)

55263 001 LAB, 14:30-16:25 W, Folwell Hall 123, In Person Term Based; Meets With: 001 FREN 4101V; Jennifer Row ; 2 cr.

4109W Capstone Independent Study in French and Francophone Studies

(A-F only; Prerequisite: instr consent, [completion of most major coursework or permission of DUS]WI)

68781 001 IND, In Person Term Based; 2 cr.

68782 002 IND, In Person Term Based; ; 2 cr.

68783 003 IND, In Person Term Based; ; 2 cr.

4110W Honors Capstone Independent Study in French and Francophone Studies

(A-F only; Prerequisite: [Completion of most major coursework or permission of DUS], candidate for honors in French, instr consentWI)

54401 001 IND, Independent/Directed Study; 2-4 cr.

54402 002 IND, Independent/Directed Study; 2-4 cr.

54404 003 IND, Independent/Directed Study; 2-4 cr.

54405 004 IND, Independent/Directed Study; 2-4 cr.

54406 005 IND, Independent/Directed Study; 2-4 cr.

54407 006 IND, Independent/Directed Study; 2-4 cr.

54408 007 IND, Independent/Directed Study; 2-4 cr.

54409 008 IND, Independent/Directed Study; 2-4 cr.

54410 009 IND, Independent/Directed Study; 2-4 cr.

54411 010 IND, Independent/Directed Study; 2-4 cr.

54570 011 IND, In Person Term Based; 2-4 cr.

4970 Directed Readings

(Student Option; Prerequisite: instr consent)

52438 001 IND, 00:00-00:00 , , In Person Term Based; C. Brian Barnett ; 1-4 cr.

53337 002 IND, In Person Term Based; 1-4 cr.

53338 003 IND, In Person Term Based; 1-4 cr.

53339 004 IND, In Person Term Based; 1-4 cr.

53340 005 IND, In Person Term Based; 1-4 cr.

53384 006 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5265 Graduate Proseminar in French Studies

(Student Option;)

68212 001 DIS, 13:30-15:15 W, Civil Engineering Bldg 214, In Person Term Based; Christophe Wall-Romana ; 2 cr.

5350 Topics in Literature and Culture

(Student Option; Prerequisite: 3101 or equiv)

67194 001 LEC, 14:30-17:00 T, Appleby Hall 303, In Person Term Based; Meets With: 001 PHIL 5760001 GER 5610001 SCAN 5670; Bruno Chaouat ; 3 cr.

5995 Directed Teaching

(S-N or Audit;)

55833 001 FWK, 11:15-12:05 Th, Folwell Hall 118, In Person Term Based; C. Brian Barnett ; 1 cr.

67076 002 DIS, In Person Term Based; 1 cr.

8240 Critical Issues: French and Francophone Cinema

(A-F only;)

66612 001 LEC, 17:00-19:30 W, Folwell Hall 107, In Person Term Based; Lorenzo Fabbri ; 3-9 cr.

8333 FTE: Master's

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

52792 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

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

52816 001 IND, In Person Term Based; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prerequisite: 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)

52838 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

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

52860 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prerequisite: max 18 cr per semester or summer, 24 cr required)

52895 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

8980 Directed Teaching

(Student Option;)

52415 001 FWK, In Person Term Based; 1-5 cr.

8992 Directed Readings for Graduate Students

(Student Option; Prerequisite: instr consent)

52414 001 IND, In Person Term Based; 1-5 cr.

53341 002 IND, In Person Term Based; 1-5 cr.

53342 003 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

53343 004 IND, In Person Term Based; 1-5 cr.

53344 005 IND, In Person Term Based; 1-5 cr.

8994 Directed Research

(Student Option; Prerequisite: instr consent; may be taken as tutorial with instr consent)

52628 001 IND, In Person Term Based; 1-5 cr.

French and Italian (FRIT)

3850 Topics in French and Italian Cinema

(Student Option; Prerequisite: Knowledge of [French or Italian] helpful but not required)

67161 001 LEC, 16:30-18:45 W, Folwell Hall 12, 16:30-17:45 M, Folwell Hall 12, In Person Term Based; Lorenzo Fabbri ; 3 cr.

Gay, Lesbian, Bisexual, Transg (GLBT)

3502 Transgender Studies Now

(Student Option; DSJ)

67773 001 DIS, 9:45-11:00 TTh, Bruininks Hall 131A, In Person Term Based; Meets With: 001 GWSS 3502; Sayan Bhattacharya ; 3 cr.

3993 Directed Studies

(A-F or Audit; Prereq: GLBT studies minor, instr consent)

53347 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

5993 Directed Study

(Student Option;)

54619 001 IND, In Person Term Based; 1-12 cr.

Gender, Women, & Sexuality Std (GWSS)

1001 Gender, Power, and Everyday Life

(Student Option;)

55131 001 DIS, 00:00-00:00 , ONLINE, Completely Online; Caitlin Gunn ; 3 cr.
68083 002 DIS, Completely Online; Nithya Rajan ; 3 cr.

1002 Politics of Sex

(Student Option; DSJ,SOCS)

52193 001 LEC, 11:15-12:05 TTh, Fraser Hall 102, In Person Term Based; Sima Shakhshari ; 3-4 cr.
55147 003 DIS, 10:10-11:00 F, Ford Hall 127, In Person Term Based; 3-4 cr.
66764 005 DIS, 11:15-12:05 F, Tate Hall 101, In Person Term Based; 3-4 cr.

1003W Women Write the World

(Student Option; GP,WI,LITR)

55565 001 LEC, 10:10-11:00 MW, Bruininks Hall 330, In Person Term Based; Meets With: 001 ENGL 1003W; Jigna Desai ; 3 cr.
66742 002 DIS, 11:15-12:05 M, Blegen Hall 215, In Person Term Based; Meets With: 002 ENGL 1003W; 3 cr.
66743 003 DIS, 11:15-12:05 W, Blegen Hall 215, In Person Term Based; Meets With: 003 ENGL 1003W; 3 cr.
66744 004 DIS, 12:20-13:10 M, Blegen Hall 215, In Person Term Based; Meets With: 004 ENGL 1003W; 3 cr.
66745 005 DIS, 12:20-13:10 W, Vincent Hall 209, In Person Term Based; 3 cr.
68089 006 DIS, 11:15-12:05 M, Vincent Hall 206, In Person Term Based; 3 cr.
68090 007 DIS, 9:05-9:55 W, Vincent Hall 313, In Person Term Based; Meets With: 005 ENGL 1003W; 3 cr.

1005 Engaging Justice

(Student Option; CIV)

66766 001 LEC, 16:00-18:30 T, Akerman Hall 209, In Person Term Based; Naimah Petigny ; 3 cr.

3003 Gender and Global Politics

(Student Option; GP,SOCS)

54555 001 DIS, 17:30-18:45 MW, Akerman Hall 319, In Person Term Based; Richa Nagar ; 3 cr.

3203W Blood, Bodies and Science

(Student Option; SOCS,WI,TS)

54397 001 LEC, 11:15-12:30 MW, Anderson Hall 270, In Person Term Based; Michelle Garvey ; 3 cr.

3215 Bodies That Matter: Feminist Approaches to Disability Studies

(Student Option; DSJ)

67770 001 DIS, 13:00-14:15 MW, Lind Hall 229, In Person Term Based; SeungGyeong Ji ; 3 cr.

3301W Women Writers

(Student Option; LITR,WI)

55567 001 DIS, 16:30-18:30 Th, Amundson Hall 116, In Person Term Based; Beaudelaine Pierre ; 3 cr.

3390 Topics in Visual, Cultural, and Literary Studies

(Student Option;)

67968 001 LEC, 11:15-13:45 T, Appleby Hall 11, In Person Term Based; Alexis Gumbs ; 3 cr.

3404 Transnational Sexualities

(Student Option; GP)

67771 001 LEC, 14:30-15:45 TTh, Ford Hall B80, In Person Term Based; Sima Shakhshari ; 3 cr.

3406 Gender, Labor, and Politics

(Student Option; GP,SOCS)

68133 001 LEC, 14:30-15:45 MW, Ford Hall B10, In Person Term Based; Meets With: 001 GWSS 3406H; Elizabeth Hartman ; 3 cr.

3406H Honors: Gender, Work, Labor

(A-F only; GP,SOCS)

68134 001 LEC, 14:30-15:45 MW, Ford Hall B10, In Person Term Based; Meets With: 001 GWSS 3406; Elizabeth Hartman ; 3 cr.

3502 Transgender Studies Now

(Student Option; DSJ)

67772 001 DIS, 9:45-11:00 TTh, Bruininks Hall 131A, In Person Term Based; Meets With: 001 GLBT 3502; Sayan Bhattacharya ; 3 cr.

3505W Girls, Girlhood, and Resistance

(Student Option; WI)

55814 001 DIS, 9:45-11:00 MW, Ford Hall 110, In Person Term Based; Lena Palacios ; 3 cr.

3993 Directed Study

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

53326 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.)

52990 001 IND, In Person Term Based; 1-12 cr.

4001 Nations, Empires, Feminisms

(A-F only;)

67769 001 LEC, 14:30-15:45 MW, Ford Hall 115, In Person Term Based; Rachmi Diyah Larasati ; 3 cr.

4108 Senior Seminar: Writing

(A-F only; Prereq: GWSS major [jr or sr])

54617 001 LEC, 11:15-12:30 F, Ford Hall B60, In Person Term Based; Miranda Joseph ; 1 cr.

4406 Black Feminist Thought in the American and African Diasporas

(Student Option;)

56005 001 DIS, 13:00-14:15 TTh, Blegen Hall 435, In Person Term Based; Meets With: 001 AFRO 4406; Terrion Williamson ; 3 cr.

4590 Topics: Social Change, Activism, Law, and Policy Studies

(Student Option;)

68358 001 DIS, 11:15-13:30 W, Ford Hall 400, In Person Term Based; Jigna Desai ; 3 cr.

4980 Directed Instruction

(Student Option;)

52996 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)

52639 001 IND, In Person Term Based; 1-5 cr.
52676 002 IND, In Person Term Based; 1-5 cr.

4994 Directed Research

(Student Option;)

52991 001 IND, In Person Term Based; 1-8 cr.

5993 Directed Study

(Student Option;)

54463 001 IND, Independent/Directed Study; 1-12 cr.

5994 Directed Instruction

(Student Option;)

52992 001 IND, In Person Term Based; 1-12 cr.

5995 Directed Research

(Student Option;)

52993 001 IND, In Person Term Based; 1-8 cr.

8107 Feminist Pedagogies

(Student Option; Prereq: Feminist Studies grad student [Maj or Minor] or instr consent)

68243 001 DIS, 16:00-18:30 Th, Blegen Hall 415, In Person Term Based; Eden Torres ; 3 cr.

8260 Seminar: Race, Representation and Resistance

(Student Option; Prereq: Grad student)

67858 001 DIS, 16:00-18:30 M, Ford Hall 170, In Person Term Based; Lena Palacios ; 3 cr.

8333 FTE: Master's

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

52809 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

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

52831 001 IND, In Person Term Based; 1 cr.

8490 Seminar: Transnational, Postcolonial, Diaspora

(Student Option;)

68126 001 LEC, 16:00-18:30 W, Ford Hall 170, In Person Term Based; Lorena Munoz ; 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)

52855 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)

52905 001 IND, In Person Term Based; 1-24 cr.

8993 Directed Study

(Student Option;)

52994 001 IND, In Person Term Based; 1-6 cr.

8994 Directed Instruction

(Student Option;)

52995 001 IND, In Person Term Based; 1-8 cr.

8995 Directed Research

(Student Option;)

52640 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)

55344 001 LEC, In Person Term Based; Kari Pederson ; 1 cr.

General Dentistry (GEND)

5153 Advanced General Dentistry Seminar III

(S-N or Audit;)

56959 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;)

56960 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;)

56961 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;)

56962 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;)

56963 001 LEC, 00:00-00:00 , , In Person Term Based; James Gambucci ; 2-10 cr.

6256 General Practice Clinic III

(S-N or Audit;)

56964 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;)

56965 001 FWK, 00:00-00:00 , , In Person Term Based;
James Gambucci ; 5-10 cr.

6266 General Practice Clinic VI (S-N or Audit;)

56966 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: Introductory biology course
such as Biol 1009)

50213 001 LEC, 9:45-11:00 TTh, Bruininks Hall 412, In
Person Term Based; Nikunj Somia ; 3 cr.
50278 002 LEC, 12:20-13:10 MWF, Tate Hall 105, In Person
Term Based; York Marahrens ; 3 cr.

3033 Principles of Cell Biology (A-F only; Prereq: BIOL 1009 or equiv)

50307 001 LEC, 9:45-11:00 TTh, Bruininks Hall 330, In
Person Term Based; G.W. Gant Luxton ; 3 cr.
50473 002 LEC, 8:15- 9:30 TTh, Mayo Bldg & Additions
C231, 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)
50270 001 LAB, 8:15- 9:30 TTh, Bruininks Hall 131B, In
Person Term Based; David Matthes ; 3 cr.

4005W Cell Biology-Writing Intensive

(A-F only; Prereq: GCD major,3020, 4003WI)
50313 001 DIS, 9:05- 9:55 Th, Bruininks Hall 119, 9:05- 9:55
MWF, Bruininks Hal 121, In Person Term Based; Deanna
Koepf ; 4 cr.

4025 Cell Biology, Development & Regeneration Laboratory

(Student Option; Prereq: Biol 4004 or instr consent)

50136 002 LAB, 12:20-16:25 W, Molecular Cellular Biol
2-124, In Person Term Based; Ann Rougvie, Hiroshi
Nakato ; 3 cr.
50183 001 LEC, 11:15-12:05 M, Molecular Cellular Biol
2-120, In Person Term Based; Ann Rougvie, Hiroshi
Nakato ; 3 cr.
67921 003 LAB, 12:20-16:25 M, Molecular Cellular Biol
2-124, In Person Term Based; Ann Rougvie, Hiroshi
Nakato ; 3 cr.

4034 Molecular Genetics and Genomics (Student Option;)

50119 001 LEC, 13:00-14:15 MW, Bruininks Hall 512A, In
Person Term Based; David Zarkower ; 3 cr.

4111 Histology: Cell and Tissue Organization

(Student Option; Prereq: 3033 or Biol 4004 or instr
consent)

50035 001 LEC, 9:45-11:00 TTh, Molecular Cellular Biol
2-122, In Person Term Based; Jan Norrander ; 4 cr.
50036 002 LAB, 11:15-12:55 TTh, Molecular Cellular Biol
3-146, In Person Term Based; Jan Norrander ; 4 cr.

4143 Human Genetics

(Student Option; Prereq: 3022 or Biol 4003 or instr
consent)

50059 001 LEC, 9:45-11:00 TTh, Mayo Bldg & Additions
C231, In Person Term Based; David Matthes, Frank
Albert ; 3 cr.

4151 Molecular Biology of Cancer (A-F or Audit; Prereq: Biol 4003)

50168 001 LEC, 14:30-15:45 TTh, Mayo Bldg & Additions
C231, 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])

50306 001 LEC, 10:10-11:00 MWF, Molecular Cellular Biol
2-120, In Person Term Based; Jeffrey Simon ; 3 cr.

4793W Directed Studies: Writing Intensive

(S-N or Audit; Prereq: instr consent, dept consentWI)
50117 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 consentWI)
50118 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)
50057 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)
50056 001 IND, 00:00-00:00 , , In Person Term Based; 1-6
cr.

8003 Genetic Counseling Clinical Internship III

(A-F only;)
50394 001 FWK, In Person Term Based; Krista Redlinger-
Grosse ; 5 cr.

8008 Mammalian Gene Transfer and Genome Engineering

(A-F or Audit; Prereq: instr consent)
50414 001 DIS, 9:05-11:00 T, Amundson Hall 104, 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)
50080 001 LEC, 13:00-14:15 MW, Lind Hall 303, 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)
50044 001 LEC, 10:10-12:05 WF, Bruininks Hall 131A, In
Person Term Based; Margaret Titus ; 2 cr.

8171 Literature Analysis

(A-F only; Prereq: Grad MCDB&G or BMBB major)
67855 001 DIS, 10:10-12:05 WF, Bruininks Hall 131A, In
Person Term Based; Margaret Titus ; 1-2 cr.

8900 Seminar

(S-N or Audit; Prereq: Grad MCDG major or instr
consent)
50060 001 LEC, 12:15-13:15 Th, Nils Hasselmo Hall 2-101,
In Person Term Based; 1-2 cr.

8912 Genetic Counseling in Practice

(A-F or Audit; Prereq: MCDG MS student with genetic
counseling specialization or instr consent)
50214 001 LEC, 10:10-12:05 MW, Keller Hall 2-260, 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)
50045 001 LEC, 13:10-15:40 M, Moos Health Sci Tower
2-116, In Person Term Based; Meets With: 001 BTHX
8114; Bonnie LeRoy ; 3 cr.

8915 Psychosocial Issues in Genetic Counseling II

(A-F only;)
50481 001 LEC, 9:05-11:35 M, Mayo Bldg & Additions 3-100,
In Person Term Based; Krista Redlinger-Grosse ; 3 cr.

8920 Special Topics

(Student Option;)
67038 001 DIS, 15:35-17:30 W, Mondale Hall N209, In
Person Term Based; Meets With: 001 LAW 6824; June
Carbone, Brian Van Ness ; 1-4 cr.
67039 002 DIS, 8:15- 9:30 TTh, Bruininks Hall 512A, 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)
50061 001 IND, 9:30-11:30 Th, Moos Health Sci Tower
4-128, In Person Term Based; Betsy Hirsch ; 1-5 cr.
50279 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)
50062 001 IND, 8:15- 9:45 M, AHC ROOM TBA, In Person
Term Based; Patricia Veach ; 1-5 cr.

Geographic Information Science (GIS)

5530 GIS Internship

(S-N only; Prereq: instr consent, strong GIS/mapping
skills)
53980 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)
53080 001 LEC, 18:00-20:50 Th, Blegen Hall 455, In Person
Term Based; Mark Lindberg ; 3 cr.

5576 Spatial Digital Humanities (Student Option;)

55782 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)
55783 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)
53086 001 IND, 00:00-00:00 , , In Person Term Based;
Susanna McMaster ; 1-6 cr.
54136 015 IND, 00:00-00:00 , , In Person Term Based;
Steven Manson ; 1-6 cr.
54778 003 IND, In Person Term Based; Eric Shook ; 1-6 cr.
54779 007 IND, 00:00-00:00 , , In Person Term Based; Len
Kne ; 1-6 cr.
54780 010 IND, 00:00-00:00 , , In Person Term Based; Mark
Lindberg ; 1-6 cr.
56079 002 IND, In Person Term Based; Somayah Dodge ;
1-6 cr.
56080 004 IND, In Person Term Based; Ying Song ; 1-6 cr.
56082 020 IND, In Person Term Based; Jeffrey Matson ; 1-6
cr.
56084 025 IND, In Person Term Based; Ryan Matkke ; 1-6 cr.

Geography (GEOG)

1301W Our Globalizing World

(Student Option; GP,WI,SOCS)
52082 001 LEC, 10:10-11:00 MW, West Bank Skyway 20, In
Person Term Based; Kate Derickson ; 3 cr.
52083 003 DIS, 15:35-16:25 Th, Blegen Hall 330, In Person
Term Based; 3 cr.
52084 004 DIS, 15:35-16:25 Th, Blegen Hall 225, In Person
Term Based; 3 cr.
52085 005 DIS, 13:25-14:15 F, Blegen Hall 330, In Person
Term Based; 3 cr.
67850 006 DIS, 13:25-14:15 F, Blegen Hall 335, In Person
Term Based; 3 cr.

1372 Geography of Global Cities

(Student Option; GP,SOCS)
54395 001 LEC, 13:00-14:15 MW, Anderson Hall 330, In
Person Term Based; Kwame Adovor Tsikudo ; 3 cr.

1403 Biogeography of the Global Garden

(Student Option; BIOL,ENV)
52217 001 LEC, 11:15-12:30 MW, Willey Hall 175, In Person
Term Based; Kurt Kipfmuller ; 4 cr.
52218 003 LAB, 13:00-14:15 M, Social Sciences Building
628, In Person Term Based; 4 cr.
52219 004 LAB, 14:30-15:45 M, Social Sciences Building
628, In Person Term Based; 4 cr.
52220 006 LAB, 9:45-11:00 T, Social Sciences Building 628,
In Person Term Based; 4 cr.
52221 008 LAB, 13:00-14:15 T, Social Sciences Building
628, In Person Term Based; 4 cr.

52222 010 LAB, 9:45-11:00 W, Social Sciences Building 628, In Person Term Based; 4 cr.
 52223 011 LAB, 13:00-14:15 W, Social Sciences Building 628, In Person Term Based; 4 cr.
 52781 002 LAB, 9:45-11:00 M, Social Sciences Building 628, In Person Term Based; 4 cr.
 52782 009 LAB, 14:30-15:45 T, Social Sciences Building 628, In Person Term Based; 4 cr.
 53103 012 LAB, 14:30-15:45 W, Social Sciences Building 628, In Person Term Based; 4 cr.
 53574 013 LAB, 16:00-17:15 W, Social Sciences Building 628, In Person Term Based; 4 cr.
 53575 014 LAB, 9:45-11:00 Th, Social Sciences Building 628, In Person Term Based; 4 cr.
 53578 015 LAB, 11:15-12:30 Th, Social Sciences Building 628, In Person Term Based; 4 cr.
 53579 016 LAB, 13:00-14:15 Th, Social Sciences Building 628, In Person Term Based; 4 cr.
 53580 017 LAB, 14:30-15:45 Th, Social Sciences Building 628, In Person Term Based; 4 cr.
 54507 007 LAB, 11:15-12:30 T, Social Sciences Building 628, In Person Term Based; 4 cr.

1425 Introduction to Weather and Climate (Student Option; ENV,PHYS)

53261 001 LEC, 15:35-16:25 MWF, Bruininks Hall 330, In Person Term Based; Meets With: 001 ESPM 1425; Tracy Twine, Peter Snyder ; 4 cr.
 53417 002 LAB, 16:40-17:30 M, Bruininks Hall 330, In Person Term Based; Meets With: 002 ESPM 1425; Tracy Twine, Peter Snyder ; 4 cr.
 53573 003 LAB, 16:40-17:30 W, Bruininks Hall 330, In Person Term Based; Meets With: 003 ESPM 1425; Tracy Twine, Peter Snyder ; 4 cr.

1502 Mapping Our World (Student Option; SOCS,TS)

53262 001 LEC, Completely Online; Laura Matson ; 3 cr.

3211 East Asia (Student Option;)

55409 001 LEC, 11:15-12:30 TTh, Carlson School of Mgmt L-126, In Person Term Based; Ying Song ; 3 cr.

3371W Cities, Citizens, and Communities (Student Option; DSJ,WI)

53156 001 LEC, 9:45-11:00 TTh, Hanson Hall 1-108, In Person Term Based; Bill Lindeke ; 3 cr.

3373 Changing Form of the City (Student Option; GP,HIS)

56099 001 LEC, 14:30-15:45 TTh, Blegen Hall 110, In Person Term Based; Hanna Mattila ; 3 cr.

3374W The City in Film (Student Option; AH,WI)

67517 001 LEC, 16:00-19:30 M, West Bank Skyway 20, In Person Term Based; George Henderson ; 4 cr.
 68230 002 DIS, 10:10-11:00 W, Blegen Hall 140, In Person Term Based; 4 cr.
 68231 003 DIS, 13:25-14:15 W, Blegen Hall 135, In Person Term Based; 4 cr.

3379 Environment and Development in the Third World (A-F or Audit; Prereq: Soph or jr or srENV,SOCS)

54777 001 LEC, 17:00-19:30 T, West Bank Skyway 20, In Person Term Based; Meets With: 001 GLOS 3303; Jacqueline Daigneault ; 3 cr.

3381W Population in an Interacting World (Student Option; GP,WI,SOCS)

53522 001 LEC, 14:30-15:45 TTh, Blegen Hall 10, In Person Term Based; Meets With: 001 GLOS3701W; Aaron Mallory ; 3 cr.

3401 Geography of Environmental Systems and Global Change (A-F or Audit; ENV)

53263 001 LEC, 9:05-9:55 MWF, Blegen Hall 250, In Person Term Based; Meets With: 001 GEOG 5401; Jacob Coburn ; 4 cr.

3423 Urban Climatology (A-F only;)

55834 001 LEC, 11:15-12:30 MW, Blegen Hall 415, In Person Term Based; Katherine Klink ; 3 cr.

3511 Principles of Cartography (Student Option; Prereq: 3 cr in geog or instr consent)

54501 002 LAB, 13:00-14:55 M, Blegen Hall 455, In Person Term Based; Meets With: 002 GEOG 5511; 4 cr.
 54502 003 LAB, 11:15-13:10 F, Blegen Hall 455, In Person Term Based; Meets With: 003 GEOG 5511; 4 cr.

55149 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;)

67431 001 LEC, 13:00-14:15 TTh, Blegen Hall 240, In Person Term Based; Meets With: 001 GEOG 5541; Eric Shook ; 3 cr.

3992 Directed Reading

(Student Option; Prereq-instr consent, dept consent, college consent.)

52600 001 IND, In Person Term Based; 1-8 cr.

3993 Directed Studies

(Student Option; Prereq-instr consent, dept consent, college consent.)

52599 001 IND, In Person Term Based; 1-8 cr.

3993H Honors: Directed Studies

(Student Option; Prereq honors, instr consent, dept consent, college consent.)

52948 001 IND, In Person Term Based; 1-8 cr.

3994 Directed Research

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

52601 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.)

52949 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.)

55879 001 IND, In Person Term Based; Bruce Braun ; 3-4 cr.
 55880 002 IND, In Person Term Based; Kate Derickson ; 3-4 cr.
 55881 003 IND, In Person Term Based; Somayah Dodge ; 3-4 cr.
 55882 004 IND, In Person Term Based; Vinay Gidwani ; 3-4 cr.
 55883 005 IND, In Person Term Based; Kathryn Grace ; 3-4 cr.
 55884 006 IND, In Person Term Based; Daniel Griffin ; 3-4 cr.
 55885 007 IND, In Person Term Based; George Henderson ; 3-4 cr.
 55886 008 IND, In Person Term Based; Kurt Kipfmuller ; 3-4 cr.
 55887 009 IND, In Person Term Based; Katherine Klink ; 3-4 cr.
 55888 010 IND, In Person Term Based; Mark Lindberg ; 3-4 cr.
 55889 011 IND, In Person Term Based; 3-4 cr.
 55890 012 IND, In Person Term Based; Hanna Mattila ; 3-4 cr.
 55891 013 IND, In Person Term Based; Arun Saldanha ; 3-4 cr.
 55892 014 IND, In Person Term Based; Abdi Samatar ; 3-4 cr.
 55893 015 IND, In Person Term Based; Eric Shook ; 3-4 cr.
 55894 016 IND, In Person Term Based; Ying Song ; 3-4 cr.
 55895 017 IND, In Person Term Based; Roderick Squires ; 3-4 cr.
 55896 018 IND, In Person Term Based; 3-4 cr.
 55897 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.)

55904 001 IND, In Person Term Based; Bruce Braun ; 3-4 cr.
 55905 002 IND, In Person Term Based; Kate Derickson ; 3-4 cr.
 55906 003 IND, In Person Term Based; Somayah Dodge ; 3-4 cr.
 55907 004 IND, In Person Term Based; Vinay Gidwani ; 3-4 cr.
 55908 005 IND, In Person Term Based; Kathryn Grace ; 3-4 cr.
 55909 006 IND, In Person Term Based; Daniel Griffin ; 3-4 cr.
 55910 007 IND, In Person Term Based; George Henderson ; 3-4 cr.
 55911 008 IND, In Person Term Based; Kurt Kipfmuller ; 3-4 cr.
 55912 009 IND, In Person Term Based; Katherine Klink ; 3-4 cr.
 55913 010 IND, In Person Term Based; Mark Lindberg ; 3-4 cr.

55914 011 IND, In Person Term Based; 3-4 cr.
 55915 012 IND, In Person Term Based; Hanna Mattila ; 3-4 cr.
 55916 013 IND, In Person Term Based; Arun Saldanha ; 3-4 cr.
 55917 014 IND, In Person Term Based; Abdi Samatar ; 3-4 cr.
 55918 015 IND, In Person Term Based; Eric Shook ; 3-4 cr.
 55919 016 IND, In Person Term Based; Ying Song ; 3-4 cr.
 55920 017 IND, In Person Term Based; Roderick Squires ; 3-4 cr.
 55921 018 IND, In Person Term Based; 3-4 cr.
 55922 019 IND, In Person Term Based; 3-4 cr.

3997 Senior Project

(A-F only; Prereq instr consent, dept consent, college consent.)

55936 001 IND, In Person Term Based; Bruce Braun ; 2 cr.
 55937 002 IND, In Person Term Based; Kate Derickson ; 2 cr.
 55938 003 IND, In Person Term Based; Somayah Dodge ; 2 cr.
 55939 004 IND, In Person Term Based; Vinay Gidwani ; 2 cr.
 55940 005 IND, In Person Term Based; Kathryn Grace ; 2 cr.
 55941 006 IND, In Person Term Based; Daniel Griffin ; 2 cr.
 55942 007 IND, In Person Term Based; George Henderson ; 2 cr.
 55943 008 IND, In Person Term Based; Kurt Kipfmuller ; 2 cr.
 55944 009 IND, In Person Term Based; Katherine Klink ; 2 cr.
 55945 010 IND, In Person Term Based; Mark Lindberg ; 2 cr.
 55946 011 IND, In Person Term Based; 2 cr.
 55947 012 IND, In Person Term Based; Hanna Mattila ; 2 cr.
 55948 013 IND, In Person Term Based; Arun Saldanha ; 2 cr.
 55949 014 IND, In Person Term Based; Abdi Samatar ; 2 cr.
 55950 015 IND, In Person Term Based; Eric Shook ; 2 cr.
 55951 016 IND, In Person Term Based; Ying Song ; 2 cr.
 55952 017 IND, In Person Term Based; Roderick Squires ; 2 cr.
 55953 018 IND, In Person Term Based; 2 cr.
 55954 019 IND, In Person Term Based; 2 cr.

3997H Honors: Senior Project

(A-F only; Prereq instr consent, dept consent, college consent.)

55963 001 IND, In Person Term Based; Bruce Braun ; 2 cr.
 55964 002 IND, In Person Term Based; Kate Derickson ; 2 cr.
 55965 003 IND, In Person Term Based; Somayah Dodge ; 2 cr.
 55966 004 IND, In Person Term Based; Vinay Gidwani ; 2 cr.
 55967 005 IND, In Person Term Based; Kathryn Grace ; 2 cr.
 55968 006 IND, In Person Term Based; Daniel Griffin ; 2 cr.
 55969 007 IND, In Person Term Based; George Henderson ; 2 cr.
 55970 008 IND, In Person Term Based; Kurt Kipfmuller ; 2 cr.
 55971 009 IND, In Person Term Based; Katherine Klink ; 2 cr.
 55972 010 IND, In Person Term Based; Mark Lindberg ; 2 cr.
 55973 011 IND, In Person Term Based; 2 cr.
 55974 012 IND, In Person Term Based; Hanna Mattila ; 2 cr.
 55975 013 IND, In Person Term Based; Arun Saldanha ; 2 cr.
 55976 014 IND, In Person Term Based; Abdi Samatar ; 2 cr.
 55977 015 IND, In Person Term Based; Eric Shook ; 2 cr.
 55978 016 IND, In Person Term Based; Ying Song ; 2 cr.
 55979 017 IND, In Person Term Based; Roderick Squires ; 2 cr.
 55980 018 IND, In Person Term Based; 2 cr.
 55981 019 IND, In Person Term Based; 2 cr.

4002W Environmental Thought and Practice

(Student Option; Prereq: Jr or srWI)

53635 001 LEC, 9:45-11:00 MW, Blegen Hall 125, In Person Term Based; Lalit Batra ; 3 cr.

5361 Geography and Real Estate (Student Option;)

55790 001 LEC, 13:25-15:20 ThF, Blegen Hall 230, In Person Term Based; Roderick Squires ; 4 cr.

5426 Climatic Variations

(Student Option; Prereq: 1425 or 3401 or instr consent)

56121 001 LEC, 9:45-11:00 WF, Blegen Hall 220, In Person Term Based; Scott St. George ; 3 cr.

5511 Principles of Cartography (Student Option;)

54503 001 LEC, 11:15-12:30 MW, Blegen Hall 425, In Person Term Based; Meets With: 001 GEOG 3511; Mark Lindberg ; 4 cr.
 54504 002 LAB, 13:00-14:55 M, Blegen Hall 455, In Person Term Based; Meets With: 002 GEOG 3511; 4 cr.
 54505 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;)

67434 001 LEC, 13:00-14:15 TTh, Blegen Hall 240, In Person Term Based; Meets With: 001 GEOG 3541; Eric Shook ; 3 cr.

5563 Advanced Geographic Information Science

(Student Option; Prereq: B or better in 3561 or 5561 or instr consent)

67442 001 LEC, 13:00-14:15 W, Blegen Hall 445, In Person Term Based; Somayeh Dodge ; 3 cr.
67443 002 LAB, 14:30-16:25 W, Blegen Hall 455, In Person Term Based; 3 cr.

5564 Urban Geographic Information Science and Analysis

(Student Option; Prereq: 3561 or 5561)

55410 001 LEC, 14:30-15:45 Th, Blegen Hall 455, 14:30-15:45 T, Blegen Hall 115, In Person Term Based; Ying Song ; 3 cr.

8260 Seminar: Physical Geography

(Student Option;)

67641 001 LEC, 13:30-16:30 Th, Alderman Hall 415, In Person Term Based; Scott St. George ; 2 cr.
67642 002 LEC, 14:00-17:00 W, Rutan Hall B42, In Person Term Based; Scott St. George ; 2 cr.

8293 CyberGIS

(Student Option;)

67498 001 LEC, 9:30-12:00 Th, Blegen Hall 455, In Person Term Based; Eric Shook ; 3 cr.

8294 Spatiotemporal Modeling and Simulation

(Student Option;)

56141 001 LEC, 10:00-12:30 T, Social Sciences Building 360, In Person Term Based; Somayeh Dodge ; 3 cr.

8333 FTE: Masters

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

52793 001 IND, In Person Term Based; 1 cr.

8405 Seminar: Graduate Student Professional Development

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

55129 001 LEC, 8:00-9:00 W, Blegen Hall 260, In Person Term Based; Kurt Kipfmuller ; 1 cr.

8444 FTE: Doctoral

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

52817 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)

52842 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])

52861 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)

52840 001 IND, In Person Term Based; 1-24 cr.

8970 Directed Readings

(Student Option; Prereq: dept consent)

53437 010 IND, 00:00-00:00 , , In Person Term Based; Bruce Braun ; 1-5 cr.
53438 015 IND, 00:00-00:00 , , In Person Term Based; Somayeh Dodge ; 1-5 cr.
53440 025 IND, 00:00-00:00 , , In Person Term Based; Vinay Gidwani ; 1-5 cr.
53441 030 IND, 00:00-00:00 , , In Person Term Based; Kathryn Grace ; 1-5 cr.
53443 040 IND, 00:00-00:00 , , In Person Term Based; George Henderson ; 1-5 cr.
53444 045 IND, 00:00-00:00 , , In Person Term Based; Kurt Kipfmuller ; 1-5 cr.
53445 050 IND, 00:00-00:00 , , In Person Term Based; Katherine Klink ; 1-5 cr.
53447 060 IND, 00:00-00:00 , , In Person Term Based; Mark Lindberg ; 1-5 cr.

53448 065 IND, 00:00-00:00 , , In Person Term Based;

Steven Manson ; 1-5 cr.

53450 075 IND, 00:00-00:00 , , In Person Term Based;

Robert Mc Master ; 1-5 cr.

53451 080 IND, 00:00-00:00 , , In Person Term Based;

Susanna McMaster ; 1-5 cr.

53453 090 IND, 00:00-00:00 , , In Person Term Based; Arun Saldanha ; 1-5 cr.

53454 095 IND, 00:00-00:00 , , In Person Term Based; Abdi Samatar ; 1-5 cr.

53455 100 IND, 00:00-00:00 , , In Person Term Based; Eric Shook ; 1-5 cr.

53457 110 IND, 00:00-00:00 , , In Person Term Based; Ying Song ; 1-5 cr.

53458 115 IND, 00:00-00:00 , , In Person Term Based; Roderick Squires ; 1-5 cr.

53459 120 IND, 00:00-00:00 , , In Person Term Based; Scott St. George ; 1-5 cr.

8980 Topics: Geography

(Student Option; Prereq: instr consent)

67507 001 LEC, 14:00-17:00 M, Social Sciences Building 360, In Person Term Based; Bruce Braun ; 1-3 cr.
67518 002 LEC, 14:00-17:00 W, Social Sciences Building 360, In Person Term Based; Kate Derickson ; 1-3 cr.

8990 Research Problems in Geography

(Student Option; Prereq: dept consent)

53463 010 IND, 00:00-00:00 , , In Person Term Based; Bruce Braun ; 1-5 cr.
53464 015 IND, 00:00-00:00 , , In Person Term Based; Somayeh Dodge ; 1-5 cr.
53466 025 IND, 00:00-00:00 , , In Person Term Based; Vinay Gidwani ; 1-5 cr.
53467 030 IND, 00:00-00:00 , , In Person Term Based; Kathryn Grace ; 1-5 cr.
53469 040 IND, 00:00-00:00 , , In Person Term Based; George Henderson ; 1-5 cr.
53470 045 IND, 00:00-00:00 , , In Person Term Based; Kurt Kipfmuller ; 1-5 cr.
53471 050 IND, 00:00-00:00 , , In Person Term Based; Katherine Klink ; 1-5 cr.
53473 060 IND, 00:00-00:00 , , In Person Term Based; Mark Lindberg ; 1-5 cr.
53474 065 IND, 00:00-00:00 , , In Person Term Based; Steven Manson ; 1-5 cr.
53476 075 IND, 00:00-00:00 , , In Person Term Based; Robert Mc Master ; 1-5 cr.
53477 080 IND, In Person Term Based; Susanna McMaster ; 1-5 cr.
53479 090 IND, 00:00-00:00 , , In Person Term Based; Arun Saldanha ; 1-5 cr.
53480 095 IND, 00:00-00:00 , , In Person Term Based; Abdi Samatar ; 1-5 cr.
53481 100 IND, 00:00-00:00 , , In Person Term Based; Eric Shook ; 1-5 cr.
53483 110 IND, 00:00-00:00 , , In Person Term Based; Ying Song ; 1-5 cr.
53484 115 IND, 00:00-00:00 , , In Person Term Based; Roderick Squires ; 1-5 cr.
53485 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;)

56921 001 LEC, 00:00-00:00 , , In Person Term Based; Stephen Shuman ; 2 cr.

7200 Advanced Clinical Geriatric Dentistry

(A-F or Audit;)

56920 001 FWK, 00:00-00:00 , , In Person Term Based; Stephen Shuman ; 1-10 cr.

7210 Geriatric Hospital Dentistry

(Student Option;)

56922 001 FWK, 00:00-00:00 , , In Person Term Based; John Ofstehage ; 1-6 cr.

German (GER)**1001 Beginning German**

(Student Option;)

52267 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 104, In Person Term Based; Meets With: 001 GER 4001; Kirk Martinson ; 5 cr.
52268 002 DIS, 9:05- 9:55 MTWThF, Folwell Hall 104, In Person Term Based; Meets With: 002 GER 4001; Jacqueline Listemaa ; 5 cr.

53064 004 DIS, 18:20-20:25 MW, Folwell Hall 103, In Person Term Based; Meets With: 004 GER 4001; Ari Hoptman ; 5 cr.

53519 003 DIS, 12:20-13:10 MTWThF, Folwell Hall 106, In Person Term Based; Meets With: 003 GER 4001; Jacqueline Listemaa ; 5 cr.

1002 Beginning German

(Student Option; Prereq: 1001)

52281 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 103, In Person Term Based; Meets With: 001 GER 4002; Beth Kautz ; 5 cr.
52282 002 DIS, 10:10-11:00 MTWThF, Folwell Hall 104, In Person Term Based; Meets With: 002 GER 4002; Kirk Martinson ; 5 cr.
52283 003 DIS, 12:20-13:10 MTWThF, Folwell Hall 104, In Person Term Based; Meets With: 003 GER 4002; DeeAnn Sime ; 5 cr.
52284 004 DIS, 14:30-15:20 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 004 GER 4002; DeeAnn Sime ; 5 cr.
52285 005 DIS, 18:20-20:25 MW, Folwell Hall 18, In Person Term Based; Meets With: 005 GER 4002; Jana Gierden ; 5 cr.

1003 Intermediate German

(Student Option; Prereq: 1002 or Entrance Proficiency Test)

52286 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 18, In Person Term Based; Meets With: 001 GER 4003; Jacqueline Listemaa ; 5 cr.
52287 002 DIS, 11:15-12:05 MTWThF, Folwell Hall 103, In Person Term Based; Meets With: 002 GER 4003; Jennifer Peterson ; 5 cr.
53065 003 DIS, 13:25-14:15 MTWThF, Folwell Hall 106, In Person Term Based; Meets With: 003 GER 4003; Jennifer Peterson ; 5 cr.
54427 004 DIS, 18:20-20:25 TTh, Folwell Hall 103, In Person Term Based; Meets With: 004 GER 4003; Eric Baker ; 5 cr.

1004 Intermediate German

(Student Option; Prereq: 1003 or completion of Entrance Proficiency Test at 1004 level)

52288 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 001 GER 4004; Virginia Steinhagen ; 5 cr.
52289 002 DIS, 9:05- 9:55 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 002 GER 4004; Virginia Steinhagen ; 5 cr.
52290 003 DIS, 12:20-13:10 MTWThF, Folwell Hall 103, In Person Term Based; Meets With: 003 GER 4004; Ari Hoptman ; 5 cr.
52291 004 DIS, 13:25-14:15 MTWThF, Folwell Hall 104, In Person Term Based; Meets With: 004 GER 4004; Ari Hoptman ; 5 cr.
52292 005 DIS, 18:20-20:25 TTh, Folwell Hall 18, In Person Term Based; Meets With: 005 GER 4004; DeeAnn Sime ; 5 cr.

1022 Beginning German Review

(Student Option; Prereq: Placement above 1001)

52841 001 DIS, 10:10-11:00 MTWThF, Rapson Hall 58, In Person Term Based; Jennifer Peterson ; 5 cr.

1911W Art & Memory: Post-Holocaust Berlin

(Student Option No Audit; GP,WI)

66227 001 DIS, 16:40-19:10 M, Nicholson Hall 120, In Person Term Based; Leslie Morris ; 3 cr.

3011W Conversation and Composition

(Student Option; Prereq: 1004WI)

52313 001 DIS, 10:10-12:05 WF, Burton Hall 123, In Person Term Based; Zizanie Bodene-Yost ; 4 cr.
53158 002 DIS, 14:30-16:25 TTh, Folwell Hall 6, In Person Term Based; Helena Ruf ; 4 cr.

3012W Conversation and Composition

(Student Option; Prereq: 3011WI)

54233 001 DIS, 9:45-11:00 MW, Kolthoff Hall 132, In Person Term Based; Eric Baker ; 3 cr.

3021 Business German

(Student Option; Prereq: 3011 or equiv)

54748 001 DIS, 18:20-20:50 Th, Folwell Hall 107, In Person Term Based; Arsenia laneva-Lockney ; 3 cr.

3104W Reading and Analysis of German Literature

(Student Option; Prereq: 3011LITR,WI)

52585 001 DIS, 14:30-15:45 MW, Folwell Hall 6, In Person Term Based; Kiley Kost ; 3 cr.

3431 19th-Century Literature

(Student Option; Prereq: 3011)

67077 001 LEC, 13:00-14:15 TTh, Cooke Hall 206, In Person Term Based; Meets With: 001 GER 5410; Ruediger Singer ; 3 cr.

3501 Contemporary Germany**(Student Option; Prereq: 3011)**

55244 001 LEC, 9:45-11:00 TTh, Appleby Hall 303, In Person Term Based; Ruediger Singer ; 3 cr.

3601 German Medieval Literature**(Student Option; Prereq: No knowledge of German requiredGP,LITR)**

66229 001 LEC, 11:15-12:30 MW, Folwell Hall 108, In Person Term Based; Anatoly Liberman ; 3 cr.

3651 Thinking Environment: Green Culture, German Literature and Global Debates**(Student Option; ENV,LITR)**

66230 001 DIS, 13:00-14:15 MW, Nicholson Hall 125, In Person Term Based; Meets With: 001 GER 5651; Charlotte Melin ; 3 cr.

3993 Directed Studies**(Student Option; Prereq instr consent, dept consent, college consent.)**

52563 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

4001 Beginning German for Graduate Research**(Student Option; Prereq: Grad student)**

53582 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 104, In Person Term Based; Meets With: 001 GER 1001; Kirk Martinson ; 5 cr.

53583 002 DIS, 9:05- 9:55 MTWThF, Folwell Hall 104, In Person Term Based; Meets With: 002 GER 1001; Jacqueline Listemaa ; 5 cr.

53584 003 DIS, 12:20-13:10 MTWThF, Folwell Hall 106, In Person Term Based; Meets With: 003 GER 1001; Jacqueline Listemaa ; 5 cr.

53585 004 DIS, 18:20-20:25 MW, Folwell Hall 103, In Person Term Based; Meets With: 004 GER 1001; Ari Hoptman ; 5 cr.

4002 Beginning German for Graduate Research**(Student Option; Prereq: Grad student)**

53586 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 103, In Person Term Based; Meets With: 001 GER 1002; Beth Kautz ; 5 cr.

53587 002 DIS, 10:10-11:00 MTWThF, Folwell Hall 104, In Person Term Based; Meets With: 002 GER 1002; Kirk Martinson ; 5 cr.

53588 003 DIS, 12:20-13:10 MTWThF, Folwell Hall 104, In Person Term Based; Meets With: 003 GER 1002; DeeAnn Sime ; 5 cr.

53589 004 DIS, 14:30-15:20 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 004 GER 1002; DeeAnn Sime ; 5 cr.

53590 005 DIS, 18:20-20:25 MW, Folwell Hall 18, In Person Term Based; Meets With: 005 GER 1002; Jana Gierden ; 5 cr.

4003 Intermediate German for Graduate Research**(Student Option; Prereq: Grad student)**

53591 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 18, In Person Term Based; Meets With: 001 GER 1003; Jacqueline Listemaa ; 5 cr.

53592 002 DIS, 11:15-12:05 MTWThF, Folwell Hall 103, In Person Term Based; Meets With: 002 GER 1003; Jennifer Peterson ; 5 cr.

53593 003 DIS, 13:25-14:15 MTWThF, Folwell Hall 106, In Person Term Based; Meets With: 003 GER 1003; Jennifer Peterson ; 5 cr.

54428 004 DIS, 18:20-20:25 TTh, Folwell Hall 103, In Person Term Based; Meets With: 004 GER 1003; Eric Baker ; 5 cr.

4004 Intermediate German for Graduate Research**(Student Option; Prereq: Grad student)**

53594 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 001 GER 1004; Virginia Steinhagen ; 5 cr.

53595 002 DIS, 9:05- 9:55 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 002 GER 1004; Virginia Steinhagen ; 5 cr.

53596 003 DIS, 12:20-13:10 MTWThF, Folwell Hall 103, In Person Term Based; Meets With: 003 GER 1004; Ari Hoptman ; 5 cr.

53597 004 DIS, 13:25-14:15 MTWThF, Folwell Hall 104, In Person Term Based; Meets With: 004 GER 1004; Ari Hoptman ; 5 cr.

53598 005 DIS, 18:20-20:25 TTh, Folwell Hall 18, In Person Term Based; Meets With: 005 GER 1004; DeeAnn Sime ; 5 cr.

5410 Topics in German Literature**(Student Option;)**

66231 001 DIS, 13:00-14:15 TTh, Cooke Hall 206, In Person Term Based; Meets With: 001 GER 3431; Ruediger Singer ; 3 cr.

5610 German Literature in Translation**(Student Option; Prereq: No knowledge of German required; cr toward major or minor requires reading in German)**

68409 001 DIS, 14:30-17:00 T, Appleby Hall 303, In Person Term Based; Meets With: 001 FREN 5350001 PHIL 5760001 SCAN 5670; Bruno Chaouat ; 3 cr.

5651 Thinking Environment: Green Culture, German Literature and Global Debates**(Student Option; ENV,LITR)**

66232 001 DIS, 13:00-14:15 MW, Nicholson Hall 125, In Person Term Based; Meets With: 001 GER 3651; Charlotte Melin ; 3 cr.

5734 Old Saxon**(Student Option;)**

66233 001 LEC, 14:30-16:25 W, Folwell Hall 107, In Person Term Based; Anatoly Liberman ; 3 cr.

5993 Directed Studies**(Student Option; Prereq instr consent, dept consent, college consent.)**

52550 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8994 Directed Research**(Student Option; Prereq: instr consent, dept consent; may be taken as tutorial with instr consent)**

52589 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

German,Scandinavian, and Dutch (GSD)**3512W Imagined Communities: German and European, Culture and Controversies, 1700 to Present****(Student Option; WI)**

52543 001 DIS, 11:15-12:30 TTh, Kolthoff Hall 137, In Person Term Based; James Parente ; 3 cr.

8333 FTE: Master's**(No Grade Associated; Prereq: Master's student, adviser and DGS consent)**

52804 001 IND, In Person Term Based; 1 cr.

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

52826 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)**

52850 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)**

52902 001 IND, In Person Term Based; 1-24 cr.

Gerontology (GERO)**Global Doctorate of Business (GDBA)****Global Studies (GLOS)****1112 Social Justice and Globalization****(A-F only; GP)**

66514 001 LEC, 9:45-11:00 TTh, Folwell Hall 108, In Person Term Based; William Viestenz ; 3 cr.

3143 Living in the Global**(A-F only; CIV)**

54685 001 LEC, 11:15-12:30 TTh, Blegen Hall 215, In Person Term Based; Thomas Wolfe ; 3 cr.

3145 Global Modernity, the Nation-State, and Capitalism**(A-F only; Prereq: soph or jr or sr)**

52397 001 LEC, 10:10-11:00 MW, Anderson Hall 270, In Person Term Based; Meets With: 001 GLOS 3145H; Michael Goldman ; 3 cr.

53057 002 DIS, 10:10-11:00 F, Blegen Hall 115, In Person Term Based; Alex Manning ; 3 cr.

53058 003 DIS, 11:15-12:05 F, Blegen Hall 115, In Person Term Based; Alex Manning ; 3 cr.

53059 004 DIS, 10:10-11:00 F, Blegen Hall 230, In Person Term Based; 3 cr.

53060 005 DIS, 11:15-12:05 F, Blegen Hall 230, In Person Term Based; 3 cr.

53061 006 DIS, 10:10-11:00 F, Blegen Hall 235, In Person Term Based; Sarah Saddler ; 3 cr.

68857 007 DIS, 11:15-12:05 F, Blegen Hall 235, In Person Term Based; 3 cr.

3145H Honors: Global Modernity, the Nation-State, and Capitalism**(A-F only; Prereq: soph, jr, or sr)**

52774 001 LEC, 10:10-11:00 MW, Anderson Hall 270, In Person Term Based; Meets With: 001 GLOS 3145; Michael Goldman ; 3 cr.

53056 002 DIS, 10:10-11:00 F, Blegen Hall 155, In Person Term Based; Michael Goldman ; 3 cr.

3215 Supercapitalism: Labor, Consumption & the Environment in the New Global Economy**(A-F only;)**

66485 001 LEC, 11:15-12:30 TTh, Blegen Hall 125, In Person Term Based; Meets With: 001 SOC 3215; Rachel Schurman ; 3 cr.

3303 Environment and Development in the Third World**(A-F or Audit; Prereq: Soph or jr or srENV,SOC)**

55328 001 LEC, 17:00-19:30 T, West Bank Skyway 20, In Person Term Based; Meets With: 001 GEOG 3379; Jacqueline Daigneault ; 3 cr.

3550V Honors Course: Supervised Research Paper**(A-F only; Prereq: dept consentWI)**

52950 001 LEC, 14:30-17:00 T, Blegen Hall 225, In Person Term Based; Meets With: 001 GLOS 3981W; Stuart McLean ; 4 cr.

54638 002 LEC, 16:00-18:30 W, Blegen Hall 430, In Person Term Based; Meets With: 002 GLOS 3981W; Danielle Dadras ; 4 cr.

3613W Stuffed and Starved: The Politics of Eating**(A-F or Audit; GP,WI,SOC)**

66477 001 LEC, 14:30-15:45 TTh, Blegen Hall 235, In Person Term Based; Meets With: 001 SOC 3613W001 SOC 3613V; Rachel Schurman ; 3 cr.

3643 Islam and the West**(Student Option;)**

55144 001 LEC, 10:10-11:00 MWF, Blegen Hall 145, In Person Term Based; Meets With: 001 HIST 3546001 RELS 3714; Iraj Bashiri ; 3 cr.

3701W Population in an Interacting World**(Student Option; GP,WI,SOC)**

53675 001 LEC, 14:30-15:45 TTh, Blegen Hall 10, In Person Term Based; Meets With: 001 GEOG 3381W; Aaron Mallory ; 3 cr.

3705 Migrations: People in Motion**(A-F or Audit; Prereq: soph, jr, or srGP)**

68082 001 LEC, 14:30-15:45 MW, Blegen Hall 130, In Person Term Based; Meets With: 001 SOC 3505; Anduin Wilhide ; 3 cr.

3896 Global Studies Internship**(A-F or Audit; Prereq: dept consent)**

53324 001 LEC, 13:25-15:20 M, Blegen Hall 415, In Person Term Based; Barbara Frey ; 3 cr.

3900 Topics in Global Studies

(Student Option;)

68233 001 LEC, 13:00-14:15 MW, Hubert H. Humphrey School 35, In Person Term Based; Meets With: 001 GLOS 5900; Erin Durban-Albrecht ; 1-5 cr.
68234 002 LEC, 17:00-19:30 M, Blegen Hall 225, In Person Term Based; Meets With: 002 GLOS 5900; Serra Hakyemez ; 1-5 cr.

3961 Culture and Society of India**(Student Option; GP,SOCS)**

55741 001 LEC, 14:30-17:00 W, Blegen Hall 140, In Person Term Based; Meets With: 001 ANTH 3023; Gloria Raheja ; 3 cr.

3981W Major Project Seminar**(A-F or Audit; Prereq: dept consentWI)**

52619 001 LEC, 14:30-17:00 T, Blegen Hall 225, In Person Term Based; Meets With: 001 GLOS 3550V; Stuart McLean ; 3 cr.
54637 002 LEC, 16:00-18:30 W, Blegen Hall 430, In Person Term Based; Meets With: 002 GLOS 3550V; Danielle Dadras ; 3 cr.

3993 Directed Study**(Student Option; Prereq instr consent, dept consent, college consent.)**

52634 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

4305 Environment & Society: An Enduring Conflict**(A-F or Audit; Prereq: SOC 1001 or environmental course or instr consentENV)**

55235 001 LEC, 13:00-14:15 MW, Blegen Hall 255, In Person Term Based; Meets With: 001 SOC 4305; Jeffrey Broadbent ; 3 cr.

4406 Sociology of International Law:**Trafficking, Human Rights, & Business Regulation****(A-F or Audit; Prereq: SOC 1001 or SOC 3101 or SOC 3102 or instr consentGP)**

66475 001 LEC, 13:00-14:15 MW, Blegen Hall 130, In Person Term Based; Meets With: 001 SOC 4170001 SOC 5170001 GLOS 5170; Elizabeth Heger Boyle ; 3 cr.

5170 Sociology of International Law:**Human Rights, Trafficking, and Business Regulation****(A-F or Audit; GP)**

66476 001 LEC, 13:00-14:15 MW, Blegen Hall 130, In Person Term Based; Meets With: 001 SOC 4170001 SOC 5170001 GLOS 4406; Elizabeth Heger Boyle ; 3 cr.

5403 Human Rights Advocacy**(Student Option; Prereq: Grad student)**

54739 001 LEC, 14:30-17:15 W, Social Sciences Building 278, In Person Term Based; Meets With: 001 LAW 6058; Barbara Frey ; 3 cr.

5900 Topics in Global Studies**(Student Option;)**

68235 001 LEC, 13:00-14:15 MW, Hubert H. Humphrey School 35, In Person Term Based; Meets With: 001 GLOS 3900; Erin Durban-Albrecht ; 1-4 cr.
68236 002 LEC, 17:00-19:30 M, Blegen Hall 225, In Person Term Based; Meets With: 002 GLOS 3900; Serra Hakyemez ; 1-4 cr.

5993 Directed Studies**(Student Option;)**

54713 001 IND, In Person Term Based; 1-4 cr.

5994 Directed Research**(Student Option; Prereq instr consent, dept consent, college consent.)**

54714 001 IND, In Person Term Based; 1-4 cr.

Graduate School (GRAD)**999 Graduate Active Status****(No Grade Associated; Prereq: Grad studentWI)**

58137 001 IND, In Person Term Based; 0 cr.

5102 Preparation for University Teaching for Nonnative English Speakers**(S-N or Audit; Prereq: English Language Proficiency Rating of 4; Contact instructor for permission number.)**

58138 001 LEC, 16:40-17:30 M, Bruininks Hall 512B, In Person Term Based; Elena Stetsenko, Barbara Beers ; 2 cr.

58143 003 LAB, 12:20-13:10 Th, Univ Ofc Plaza 124, In Person Term Based; Barbara Beers, Elena Stetsenko ; 2 cr.

58145 005 LAB, 11:15-12:05 Th, Univ Ofc Plaza 124, In Person Term Based; Elena Stetsenko, Barbara Beers ; 2 cr.

58147 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; Contact instructor for permission number.)**

58139 001 LEC, 16:40-17:30 M, Bruininks Hall 420A, In Person Term Based; Colleen Meyers ; 1-2 cr.

58140 002 LAB, 10:10-11:00 W, Univ Ofc Plaza 124, In Person Term Based; Colleen Meyers ; 1-2 cr.

58141 003 LAB, 11:15-12:05 W, Univ Ofc Plaza 124, In Person Term Based; Colleen Meyers ; 1-2 cr.

58142 004 LAB, 15:35-16:25 T, Univ Ofc Plaza 124, In Person Term Based; Colleen Meyers ; 1-2 cr.

58149 005 LAB, 9:05-9:55 Th, Univ Ofc Plaza 124, In Person Term Based; Colleen Meyers ; 1-2 cr.

58150 006 LAB, 10:10-11:00 Th, Univ Ofc Plaza 124, In Person Term Based; Colleen Meyers ; 1-2 cr.

58151 007 LEC, 13:25-14:15 M, Bruininks Hall 530B, In Person Term Based; Barbara Beers ; 1-2 cr.

58152 008 LAB, 10:10-11:00 T, Univ Ofc Plaza 124, In Person Term Based; Barbara Beers ; 1-2 cr.

58153 009 LAB, 9:05-9:55 W, Civil Engineering Bldg 214, In Person Term Based; Barbara Beers ; 1-2 cr.

58154 010 LAB, 14:30-15:20 W, Univ Ofc Plaza 124, In Person Term Based; Barbara Beers ; 1-2 cr.

58156 012 LAB, 14:30-15:20 T, Univ Ofc Plaza 124, In Person Term Based; Barbara Beers ; 1-2 cr.

67915 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 consentumn.edu with questions about registration. If adding a section after first class meeting, contact your instructor as soon as you enroll.)**

58134 001 LEC, 16:00-19:00 Th, Bruininks Hall 123, In Person Term Based; Ilene Dawn Alexander ; 3 cr.

58135 002 LEC, 13:00-16:00 W, Keller Hall 2-260, In Person Term Based; Paul Baepier ; 3 cr.

58136 003 LEC, 9:30-12:30 F, Blegen Hall 317, In Person Term Based; Paul Ching ; 3 cr.

8200 Teaching and Learning Topics in Higher Education**(A-F only;)**

66048 001 LEC, 14:30-17:00 T, Bruininks Hall 117, In Person Term Based; Bill Rozaitis ; 1 cr.

66049 002 LEC, In Person Term Based; Deborah Wingert ; 1 cr.

Grand Challenge Curriculum (GCC)**3016 Science and Society: Working****Together to Avoid the Antibiotic Resistance Apocalypse****(A-F only; TS)**

63920 001 LEC, 11:45-12:35 MWF, 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.

3027 Power Systems Journey: Making the Invisible Visible and Actionable**(A-F only; TS)**

66822 001 LEC, 13:00-14:15 TTh, Rapson Hall 56, In Person Term Based; Meets With: 001 GCC 5027; Paul Imbertson, Jonee Brigham ; 3 cr.

3029 What is Human Agency? Scientific & Philosophical Perspectives**(A-F only; CIV)**

67152 001 LEC, 11:15-12:30 MW, Bruininks Hall 512A, In Person Term Based; Meets With: 001 GCC 5029; Valerie Tiberius, Melissa Koenig ; 3 cr.

3031 The Global Climate Challenge: Creating an Empowered Movement for Change**(A-F only; Prereq: soph, jr, srCIV)**

63923 001 LEC, 15:45-18:30 T, Bruininks Hall 432, In Person Term Based; Meets With: 001 GCC 5031; Julia Nerbonne, Jessica Gutknecht, Teddie Potter ; 3 cr.

3032 Ecosystems Health: Leadership at the Intersection of Humans, Animals, and the Environment**(A-F only; ENV)**

63940 001 LEC, 14:00-17:00 T, McNeal Hall 316, In Person Term Based; Meets With: 001 GCC 5032; Dominic Travis, Tiffany Wolf, Elizabeth Sopdie ; 3 cr.

5008 Policy and Science of Global Environmental Change**(A-F only; ENV)**

67156 001 LEC, 10:15-11:30 TTh, Lrng & Environmental Sci R380, 10:15-11:30 T, McNeal Hall 316, 10:15-11:30 TTh, Lrng & Environmental Sci R380, In Person Term Based; Sarah Hobbie, Peter Reich, Stephen Polasky ; 3 cr.

5016 Science and Society: Working Together to Avoid the Antibiotic Resistance Apocalypse**(A-F only; TS)**

63948 001 LEC, 11:45-12:35 MWF, 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.

5022 The human experience of sensory loss: Seeking equitable and sensory solutions**(A-F only; TS)**

63939 001 LEC, 14:30-17:10 Th, Elliott Hall N423, In Person Term Based; Gordon Legge, Andrew Oxenham, Peggy Nelson, Meredith Adams ; 3 cr.

5023 Leading Across Sectors to Address Grand Challenges**(A-F only; CIV)**

66916 001 LEC, 18:00-20:45 Th, Bruininks Hall 420B, In Person Term Based; Vanessa Laird, Kathy Quick, Mary Butler ; 3 cr.

5027 Power Systems Journey: Making the Invisible Visible and Actionable**(A-F only; TS)**

66823 001 LEC, 13:00-14:15 TTh, Rapson Hall 56, In Person Term Based; Meets With: 001 GCC 3027; Paul Imbertson, Jonee Brigham ; 3 cr.

5029 What is Human Agency? Scientific & Philosophical Perspectives**(A-F only; CIV)**

66819 001 LEC, 11:15-12:30 MW, Bruininks Hall 512A, In Person Term Based; Meets With: 001 GCC 3029; Valerie Tiberius, Melissa Koenig ; 3 cr.

5031 The Global Climate Challenge: Creating an Empowered Movement for Change**(A-F only; CIV)**

63924 001 LEC, 15:45-18:30 T, Bruininks Hall 432, In Person Term Based; Meets With: 001 GCC 3031; Julia Nerbonne, Jessica Gutknecht, Teddie Potter ; 3 cr.

5032 Ecosystem Health: Leadership at the intersection of humans, animals and the environment**(A-F only; ENV)**

63941 001 LEC, 14:00-17:00 T, McNeal Hall 316, In Person Term Based; Meets With: 001 GCC 3032; Dominic Travis, Tiffany Wolf, Elizabeth Sopdie ; 3 cr.

5501 Knowledge to Impact: Creating Action with Your Grand Challenge Project Idea**(A-F only; Prereq: Prior completion of a GCC course)**

63937 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;)**

49659 001 LAB, 8:30-11:30 MW, McNeal Hall 258, In Person Term Based; 4 cr.

49660 002 LAB, 11:45-14:45 TTh, McNeal Hall 258, In Person Term Based; 4 cr.
65825 003 LAB, 15:00-18:00 MW, McNeal Hall 258, In Person Term Based; 4 cr.

1312 Foundations: Color and Design in Two and Three Dimensions

(A-F or Audit;)
49661 001 LAB, 13:15-14:45 W, McNeal Hall 262, Partially Online; 4 cr.
49662 002 LAB, 15:00-16:30 W, McNeal Hall 262, Partially Online; 4 cr.
49902 003 LAB, 16:30-18:00 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)
49663 001 LAB, 8:30-11:30 MW, McNeal Hall 146, In Person Term Based; 4 cr.
49664 002 LAB, 11:45-14:45 TTh, McNeal Hall 262, In Person Term Based; 4 cr.
49915 003 LAB, 11:45-14:45 MW, McNeal Hall 144, 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)
49665 001 FWK, Independent/Directed Study; James Boyd Brent ; 1-4 cr.
49666 002 FWK, Independent/Directed Study; Sauman Chu ; 1-4 cr.
49667 003 FWK, Independent/Directed Study; Brad Hokanson ; 1-4 cr.
49671 007 FWK, Independent/Directed Study; Carol Waldron ; 1-4 cr.
49871 008 FWK, In Person Term Based; Eugene Park ; 1-4 cr.

2342 Web Design

(A-F only;)
49835 001 LAB, 15:00-16:55 MW, McNeal Hall 336, In Person Term Based; 3 cr.
49916 002 LAB, 18:15-20:10 MW, McNeal Hall 144, In Person Term Based; 3 cr.

2345 Typography

(A-F only;)
49672 001 LAB, 8:30-11:30 MW, McNeal Hall 336, In Person Term Based; 4 cr.

2361 Design Process: Photography

(A-F only;)
49917 001 LAB, 8:30-12:35 F, McNeal Hall 144, In Person Term Based; 3 cr.

2399V Design and its Discontents: Design, Society, Economy, and Culture

(A-F only; WI)
49929 001 LEC, 15:00-16:15 TTh, McNeal Hall 144, 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)
49836 001 LEC, 15:00-16:15 TTh, McNeal Hall 144, 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)
49887 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;)
49673 001 LAB, 11:45-14:45 MW, McNeal Hall B9, In Person Term Based; Carol Waldron ; 4 cr.
49674 002 LAB, 15:00-18:00 MW, McNeal Hall B9, In Person Term Based; Carol Waldron ; 4 cr.
49918 003 LAB, 11:45-14:45 TTh, McNeal Hall B9, In Person Term Based; James Boyd Brent ; 4 cr.
65831 004 LAB, 8:30-11:30 TTh, 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)
49877 001 LAB, 15:00-16:55 MW, McNeal Hall 144, In Person Term Based; 3 cr.
49920 003 LAB, 8:30-10:25 TTh, McNeal Hall 144, In Person Term Based; 3 cr.

3352 Identity and Symbols

(A-F only; Prereq: pass portfolio review, graphic design major)
49675 001 LAB, 11:45-13:40 TTh, McNeal Hall 336, In Person Term Based; Meets With: 001 GDES 3352H; 3 cr.
65832 002 LAB, 15:00-16:55 TTh, McNeal Hall 262, In Person Term Based; Carly Bosanko ; 3 cr.

3352H Honors: Identity and Symbols

(A-F only;)
49931 001 LAB, 11:45-13:40 TTh, McNeal Hall 336, In Person Term Based; Meets With: 001 GDES 3352; 3 cr.

3353 Packaging and Display

(A-F only;)
49676 001 LAB, 15:00-16:55 TTh, McNeal Hall 146, In Person Term Based; Debra Lawton ; 3 cr.
49958 002 LAB, 18:15-20:10 TTh, McNeal Hall 146, In Person Term Based; Debra Lawton ; 3 cr.

4160H Honors Capstone Project

(A-F only; Prereq: Graphic design honors)
49677 001 LEC, In Person Term Based; James Boyd Brent ; 2 cr.
49678 002 LEC, In Person Term Based; Sauman Chu ; 2 cr.
49679 003 LEC, In Person Term Based; Brad Hokanson ; 2 cr.
49680 004 LEC, In Person Term Based; 2 cr.
49681 005 LEC, In Person Term Based; 2 cr.
49682 006 LEC, In Person Term Based; 2 cr.
49683 007 LEC, In Person Term Based; Carol Waldron ; 2 cr.
49817 008 LEC, In Person Term Based; Eugene Park ; 2 cr.

4193 Directed Study in Graphic Design

(Student Option No Audit; Prereq: Undergrad, instr consent)
49684 001 IND, Independent/Directed Study; James Boyd Brent ; 1-4 cr.
49685 002 IND, Independent/Directed Study; Sauman Chu ; 1-4 cr.
49686 003 IND, Independent/Directed Study; Brad Hokanson ; 1-4 cr.
49687 004 IND, Independent/Directed Study; 1-4 cr.
49688 005 IND, Independent/Directed Study; 1-4 cr.
49689 006 IND, Independent/Directed Study; 1-4 cr.
49690 007 IND, Independent/Directed Study; Carol Waldron ; 1-4 cr.
49872 008 IND, In Person Term Based; Eugene Park ; 1-4 cr.
68602 009 IND, In Person Term Based; Karl Engebretson ; 1-4 cr.
68603 010 IND, In Person Term Based; Debra Lawton ; 1-4 cr.
68604 011 IND, In Person Term Based; Frances Trice ; 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)
49691 001 FWK, Independent/Directed Study; James Boyd Brent ; 1-3 cr.

49692 002 FWK, Independent/Directed Study; Sauman Chu ; 1-3 cr.
49693 003 FWK, Independent/Directed Study; Brad Hokanson ; 1-3 cr.
49694 004 FWK, Independent/Directed Study; 1-3 cr.
49695 005 FWK, Independent/Directed Study; 1-3 cr.
49696 006 FWK, Independent/Directed Study; 1-3 cr.
49697 007 FWK, Independent/Directed Study; Carol Waldron ; 1-3 cr.
49873 008 FWK, In Person Term Based; Eugene Park ; 1-3 cr.

4312 Advanced Graphic Design Print Projects

(A-F or Audit;)
65866 001 LAB, 9:35-12:50 F, McNeal Hall B9, In Person Term Based; Carol Waldron ; 3 cr.

4345 Advanced Typography

(A-F or Audit; Prereq: [[2345 or DHA 2345], 3351, graphic design major] or design grad student or instr consent)
49698 001 LAB, 11:45-14:45 MW, McNeal Hall 336, In Person Term Based; 4 cr.
49834 002 LAB, 11:45-14:45 TTh, McNeal Hall 144, In Person Term Based; 4 cr.
68678 003 LAB, 11:45-14:45 TTh, McNeal Hall 250, In Person Term Based; 4 cr.

4361V Honors Thesis Studio and Writing

(A-F only; Prereq: [Graphic design major, 2399W, 3352, 3353], honors student, or instr consentWI)

49930 001 LAB, 15:00-16:15 TTh, McNeal Hall 336, In Person Term Based; Meets With: 001 GDES 4361W; 3 cr.

4361W Thesis Studio and Writing

(A-F only; Prereq: [Graphic design major, 2399W, 3352, 3353] or instr consentWI)
49859 001 LAB, 15:00-16:15 TTh, McNeal Hall 336, In Person Term Based; Meets With: 001 GDES 4361V; 3 cr.

4362 Senior Thesis and Exhibition

(A-F only;)
49860 001 LAB, 8:30-10:25 TTh, McNeal Hall 336, In Person Term Based; Meets With: 001 GDES 4362H; Sauman Chu ; 3 cr.
49946 002 LAB, 8:30-10:25 TTh, McNeal Hall 146, In Person Term Based; 3 cr.

4362H Senior Thesis and Exhibition

(A-F only;)
49932 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;)
49889 001 LAB, 8:30-10:25 MW, McNeal Hall 144, In Person Term Based; 3 cr.

4371 Data Visualization Studio

(A-F only; Prereq: 2345, [Design minors required to take 2345], or graduate student, or instructor's consent)
49905 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)
49699 001 IND, Independent/Directed Study; James Boyd Brent ; 1-4 cr.
49700 002 IND, Independent/Directed Study; Sauman Chu ; 1-4 cr.
49701 003 IND, Independent/Directed Study; Brad Hokanson ; 1-4 cr.
49702 004 IND, Independent/Directed Study; 1-4 cr.
49703 005 IND, Independent/Directed Study; 1-4 cr.
49704 006 IND, Independent/Directed Study; 1-4 cr.
49705 007 IND, Independent/Directed Study; Carol Waldron ; 1-4 cr.
49874 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)
49888 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)
49816 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;)
49924 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)
49706 001 IND, In Person Term Based; James Boyd Brent ; 1-3 cr.
49707 002 IND, In Person Term Based; Sauman Chu ; 1-3 cr.
49708 003 IND, In Person Term Based; Brad Hokanson ; 1-3 cr.
49709 004 IND, In Person Term Based; Daniel Jasper ; 1-3 cr.
49710 005 IND, In Person Term Based; 1-3 cr.
49711 006 IND, In Person Term Based; Steven McCarthy ; 1-3 cr.
49712 007 IND, In Person Term Based; Carol Waldron ; 1-3 cr.
49876 008 IND, In Person Term Based; Eugene Park ; 1-3 cr.

8193 Directed Study

(A-F or Audit; Prereq: instr consent)
49713 001 IND, In Person Term Based; James Boyd Brent ; 1-3 cr.
49714 002 IND, In Person Term Based; Sauman Chu ; 1-3 cr.
49715 003 IND, In Person Term Based; Brad Hokanson ; 1-3 cr.
49716 004 IND, In Person Term Based; Daniel Jasper ; 1-3 cr.

49717 005 IND, In Person Term Based; 1-3 cr.
 49718 006 IND, In Person Term Based; Steven McCarthy ; 1-3 cr.
 49719 007 IND, In Person Term Based; Carol Waldron ; 1-3 cr.
 49875 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)
 49720 001 IND, In Person Term Based; James Boyd Brent ; 3 cr.
 49721 002 IND, In Person Term Based; Sauman Chu ; 3 cr.
 49722 003 IND, In Person Term Based; Brad Hokanson ; 3 cr.
 49723 004 IND, In Person Term Based; Daniel Jasper ; 3 cr.
 49724 005 IND, In Person Term Based; 3 cr.
 49725 006 IND, In Person Term Based; Steven McCarthy ; 3 cr.
 49726 007 IND, In Person Term Based; Carol Waldron ; 3 cr.
 49884 008 IND, In Person Term Based; Eugene Park ; 3 cr.

8362 The Nature of Representation in Visual Communication

(A-F or Audit;)
 49925 001 LEC, 15:00-18:00 TTh, McNeal Hall B9, In Person Term Based; James Boyd Brent ; 3 cr.

8990 MFA Creative Thesis

(A-F or Audit; Prereq: Completed coursework requirements for MFA in DHA w/multimedia emphasis, instr consent)
 49727 001 IND, In Person Term Based; James Boyd Brent ; 6 cr.
 49728 002 IND, In Person Term Based; Sauman Chu ; 6 cr.
 49729 003 IND, In Person Term Based; Brad Hokanson ; 6 cr.
 49730 004 IND, In Person Term Based; Daniel Jasper ; 6 cr.
 49731 005 IND, In Person Term Based; 6 cr.
 49732 006 IND, In Person Term Based; Steven McCarthy ; 6 cr.
 49733 007 IND, In Person Term Based; Carol Waldron ; 6 cr.
 49885 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)
 54230 001 LEC, 11:15-12:05 MTWThF, Amundson Hall 104, In Person Term Based; Anthony Thomas ; 5 cr.

3004 Intermediate Greek Poetry

(Student Option; Prereq: dept consent)
 53847 001 LEC, 13:25-14:15 MTWTh, Folwell Hall 122, In Person Term Based; Meets With: 001 GRK 5004; Stephen Smith ; 4 cr.

3993 Directed Studies

(Student Option; Prereq: instr consent)
 52302 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 consentW)
 52610 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)
 54908 001 LEC, 13:25-14:15 MTWTh, Folwell Hall 122, In Person Term Based; Meets With: 001 GRK 3004; Stephen Smith ; 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.)
 66945 001 LEC, 14:30-15:45 MW, Lind Hall 216, In Person Term Based; Nita Krevans ; 3 cr.

5993 Directed Studies

(Student Option; Prereq Grad student or instr consent.)
 52303 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5994 Directed Research

(Student Option; Prereq Grad student or instr consent.)
 52305 001 IND, In Person Term Based; 1-12 cr.

5996 Directed Instruction

(Student Option; Prereq Grad student or instr consent.)
 52304 001 IND, In Person Term Based; 1-12 cr.

8910 Seminar

(Student Option;)
 66540 001 LEC, 16:00-19:00 T, Nicholson Hall 201, In Person Term Based; Meets With: 001 LAT 8910; Christopher Nappa ; 3 cr.

Health Informatics (HINF)

5394 Directed Research

(S-N only;)
 68745 001 IND, Independent/Directed Study; Jessica Nielson ; 1-6 cr.

5431 Foundations of Health Informatics II

(Student Option; Prereq: Junior, senior, grad student, professional student, or instr consent)
 49146 001 LEC, 11:15-14:15 Th, Moos Health Sci Tower 2-118, 11:15-14:15 Th, Moos Health Sci Tower 2-118, 11:15-14:15 Th, Moos Health Sci Tower 2-118, 11:15-14:15 Th, Moos Health Sci Tower 2-118, 11:15-14:15 Th, Moos Health Sci Tower 2-118, In Person Term Based; Rui Zhang, Chih-Lin Chi ; 3 cr.
 49229 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)
 49298 001 LEC, 10:10-11:00 Th, Moos Health Sci Tower 2-580, 10:10-12:05 T, Moos Health Sci Tower 2-580, In Person Term Based; Steven Shen ; 3 cr.
 49302 002 LEC, Completely Online; Steven Shen ; 3 cr.

5494 Topics in Health Informatics

(Student Option; Prereq: Professional student or grad student or instr consent)
 68572 001 LEC, 13:25-16:25 T, Moos Health Sci Tower 1-460, In Person Term Based; Erich Kummerfeld ; 1-3 cr.

5496 Internship in Health Informatics

(S-N or Audit; Prereq: HINF student or instr consent)
 49159 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)
 49181 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)
 49232 001 LEC, 00:00-00:00 , , In Person Term Based; 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)
 49216 001 LEC, 13:25-14:15 MW, Moos Health Sci Tower 1-440, In Person Term Based; Terrence Adam ; 2 cr.
 49299 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)
 49233 001 LEC, 15:35-16:25 MWF, Weaver-Densford Hall W2-110, In Person Term Based; David Pieczkiewicz ; 3 cr.
 49255 002 LEC, 00:00-00:00 , ONLINE, Completely Online; David Pieczkiewicz ; 3 cr.

8220 Computational Causal Analytics

(A-F or Audit;)
 49300 001 LEC, 13:25-16:25 F, Moos Health Sci Tower 2-116, In Person Term Based; Sisi Ma ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
 49147 001 IND, In Person Term Based; 1 cr.

8440 Foundations of Translational Bioinformatics Lab

(A-F or Audit; Prerequisites: MS, PhD, or MD/PhD student interested in translational bioinformatics)
 68668 001 LAB, 10:10-12:05 F, Moos Health Sci Tower 1-430, In Person Term Based; Steven Shen ; 2 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
 49152 001 IND, In Person Term Based; 1 cr.

8770 Plan B Project

(No Grade Associated; Prereq: Advanced plan B MS student)
 49150 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])
 49155 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)
 49151 001 IND, 00:00-00:00 , , Independent/Directed Study; Terrence Adam ; 1-24 cr.
 49313 002 IND, In Person Term Based; Chih-Lin Chi ; 1-24 cr.
 49314 003 IND, In Person Term Based; Genevieve Melton-Meaux ; 1-24 cr.
 49315 004 IND, In Person Term Based; David Pieczkiewicz ; 1-24 cr.
 49316 005 IND, In Person Term Based; Steven Shen ; 1-24 cr.
 49317 006 IND, In Person Term Based; Gyorgy Simon ; 1-24 cr.
 49318 007 IND, In Person Term Based; Jinhua Wang ; 1-24 cr.
 49319 008 IND, In Person Term Based; Rui Zhang ; 1-24 cr.

Health Services Management (HSM)

3051 Career Skills in a Professional Health Services Environment

(A-F or Audit; Prerequisites: HSM major or premajor; WRIT 1301 or 1401 or equivalent; HSM 3521; HSM 4561.)
 67699 101 LEC, 17:00-18:50 M, Akerman Hall 313, Partially Online; Nick Nyhus ; 2 cr.
 67700 301 LEC, Completely Online; Monica Hamling, Steven Comingdeer ; 2 cr.

3521 Health Care Delivery Systems

(A-F or Audit; Prereq: 30 cr)
 63745 101 LEC, 18:00-20:45 T, Bruininks Hall 330, Partially Online; William McDonough, Melanie Sullivan ; 3 cr.

4043 Project and Program Management in Health Services Management

(A-F or Audit; Prerequisites: None)
 67701 101 LEC, 11:15-14:00 F, Bruininks Hall 131B, Partially Online; Scott Lee-Eichenwald, Cheri Jacoby ; 3 cr.

4065 Information Privacy and Security in Health Services Management

(A-F or Audit; TS)
 67702 101 LEC, 18:00-20:45 T, Bruininks Hall 117, Partially Online; Scott Lee-Eichenwald, Adam Stone ; 3 cr.

4301 Health Care Quality & Patient Safety Management

(A-F or Audit;)
 63791 101 LEC, 15:35-18:20 Th, Bruininks Hall 432, Partially Online; Tania Daniels ; 3 cr.

4531 Human Resources in Health Care Settings

(A-F or Audit; Prereq: 45 cr)
 63768 101 LEC, 18:35-21:20 Th, Bruininks Hall 432, 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.)

63771 101 LEC, 18:35-21:20 W, Bruininks Hall 312, Partially Online; Mark Sharockman, Bradley Plowman ; 3 cr.
64725 301 LEC, Completely Online; Steven Chies ; 3 cr.

4561W Health Care Administration and Management (A-F or Audit; WI)

63746 001 LEC, 18:35-21:20 W, Bruininks Hall 330, Partially Online; Bill Kenney ; 3 cr.

4575 Innovation in Health Services (A-F or Audit;)

67703 001 LEC, 17:30-20:15 M, Bruininks Hall 412, In Person Term Based; Patrick Sauer, Barbara Barry, Barbara Spurrier ; 3 cr.

4582 Practicum in Long Term Care

(A-F or Audit; Prereqs: Most prelicensure courses completed--at a minimum, HSM 4580-LTC Organizational Management; HSM 4589-LTC Human Resource Management; HSM 4583-LTC Supports and Services; HSM 4590-LTC Gerontology for Health Care Managers.)

66992 401 LEC, Independent/Directed Study; Rajean Moone ; 4 cr.

4583 Long Term Care Supports and Services

(A-F or Audit; Prerequisites: Some basic knowledge of the long-term care field. Students without this knowledge are encouraged to meet with the instructor to explore preparation strategies.)

66991 001 LEC, In Person Term Based; Rajean Moone ; 2 cr.

4587 Long Term Care Regulatory Management

(A-F or Audit; Prereq: Basic knowledge of the long term care field. Students without this knowledge are encouraged to meet with the instructor prior to registering to discuss options.)

66993 001 LEC, In Person Term Based; Rajean Moone ; 1 cr.

4591 Health Care Law and Ethics (A-F or Audit;)

63772 301 LEC, Completely Online; Susan Ziel ; 3 cr.

4592 Long Term Care Health Care Law

(A-F or Audit; Prerequisites: Knowledge of the long-term care field. Students who do not have this knowledge are encouraged to meet with the instructor prior to registering to discuss strategies for gaining this knowledge.)

66995 001 LEC, In Person Term Based; Rajean Moone ; 1 cr.

4593 Gerontology for Health Care Managers

(A-F or Audit; Prerequisites: Knowledge of the long-term care field. Students without this knowledge are encouraged to meet with the instructor prior to registering to discuss strategies for acquiring it.)

66994 101 LEC, Partially Online; Rajean Moone ; 1 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))

63773 401 FWK, Independent/Directed Study; Susan McClermon, Lynn Kiehne ; 3 cr.

63773 401 FWK, Independent/Directed Study; Susan McClermon, Lynn Kiehne ; 3 cr.

63803 402 FWK, Independent/Directed Study; Susan McClermon, Lynn Kiehne ; 3 cr.

63803 402 FWK, Independent/Directed Study; Susan McClermon, 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.)

63785 101 LEC, 13:25-16:10 M, Blegen Hall 317, Partially Online; Susan Doherty, Daniel McGinty ; 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)

52611 001 LEC, 11:15-12:05 MTWThF, Appleby Hall 319, In Person Term Based; Meets With: 001 HEBR 4002; Renana Schneller ; 5 cr.

3012 Intermediate Hebrew II

(Student Option; Prereq: Grade of at least [C- or S] in 3011 or instr consent)

52613 001 LEC, 10:10-11:00 MTWThF, Appleby Hall 319, In Person Term Based; Meets With: 001 HEBR 4012; Renana Schneller ; 5 cr.

3102 Intermediate Biblical Hebrew II

(Student Option; Prereq: Grade of at least [C- or S] in 3101 or instr consent)

66546 001 LEC, 9:05-9:55 MTWTh, Folwell Hall 121, In Person Term Based; Meets With: 001 HEBR 4107; Patricia Ahearne-Kroll ; 4 cr.

3951W Major Project

(Student Option; Prereq: [Hebr major, three 3xxx Hebrew courses], instr consent, dept consent(WI))

52615 001 IND, In Person Term Based; 4 cr.

3980 Directed Instruction

(Student Option; Prereq college consent.)

52306 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

3993 Directed Studies

(Student Option; Prereq: instr consent)

53242 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)

52961 001 LEC, 11:15-12:05 MTWThF, Appleby Hall 319, In Person Term Based; Meets With: 001 HEBR 1002; Renana Schneller ; 5 cr.

4012 Intermediate Hebrew II for Graduate Student Research

(Student Option;)

55525 001 LEC, 10:10-11:00 MTWThF, Appleby Hall 319, In Person Term Based; Meets With: 001 HEBR 3012; Renana Schneller ; 5 cr.

4107 Intermediate Biblical Hebrew II for Graduate Student Research

(Student Option; Prereq: Grade of at least [C- or S] in 3101 or instr consent)

66545 001 LEC, 9:05-9:55 MTWTh, Folwell Hall 121, In Person Term Based; Meets With: 001 HEBR 3102; Patricia Ahearne-Kroll ; 4 cr.

5200 Advanced Classical Hebrew

(Student Option;)

66946 001 LEC, 17:00-20:00 Th, Nicholson Hall 201, In Person Term Based; Bernard Levinson ; 3 cr.

5992 Directed Readings

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

54032 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;)

49989 001 LEC, 18:00-20:30 W, Bruininks Hal 121, In Person Term Based; Amber Annis, Karen Mary Davalos ; 3 cr.

8004 Capstone in Heritage Studies and Public History

(A-F or Audit;)

68332 001 LEC, 18:30-20:30 M, Tate Hall 110, In Person Term Based; Christopher Taylor, Kevin Murphy ; 3 cr.

8005 Leadership and Future of Historical Organizations

(S-N only;)

49990 001 LEC, 17:00-18:30 M, Northrop Memorial Aud 110, In Person Term Based; Gregory Donofrio ; 1 cr.

8101 Internship

(S-N only;)

68334 001 FWK, In Person Term Based; Gregory Donofrio ; 3 cr.

Higher Ed Consortium Urban Aff (HECU)

3555W Making Media & Change: Digital Technologies, Storytelling, and Activism From Consumers to Creators

(A-F only; AH,WI,CIV)

66925 001 DIS, In Person Term Based; 4 cr.

3556 Making Media Making Change: Digital Technologies, Storytelling, and Activism Digital Laboratory

(A-F only;)

66926 001 LAB, In Person Term Based; 4 cr.

3557 Making Media, Making Change: Digital Technologies, Storytelling, & Activism Digital Media Internship

(A-F only;)

66927 001 FWK, In Person Term Based; 4 cr.

3558 Making Media, Making Change: Digital Technologies, Storytelling, and Activism Digital Internship

(A-F only;)

66928 001 FWK, In Person Term Based; 8 cr.

3571W Inequality in America: A Political Economy Approach

(A-F only; Prereq: departmental consent required(SOCS,WI))

63852 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 (Field Seminar)

(A-F only; DSJ)

63853 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;)

63854 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; AH)

52231 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 consent(DSJ))

63816 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; CIV)

63817 001 FWK, 00:00-00:00 , , In Person Term Based; David Holliday ; 8 cr.

Hindi (HNDI)

1012 Beginning Hindi II

(Student Option No Audit;)

66643 001 LEC, 13:25-14:15 MTWThF, Amundson Hall 104, In Person Term Based; Meets With: 001 HNDI 4002; Meraj Ahmed ; 5 cr.

3016 Accelerated Intermediate Hindi

(Student Option No Audit;)

68294 001 LEC, 15:35-16:25 MTWThF, Folwell Hall 120, In Person Term Based; Meets With: 001 HNDI 4016; Meraj Ahmed ; 5 cr.

3022 Intermediate Hindi II

(Student Option No Audit;)
66644 001 LEC, 12:20-13:10 MTWThF, Amundson Hall 104, In Person Term Based; Meets With: 001 HNDI 4004; Meraj Ahmed ; 5 cr.

3032 Advanced Hindi II

(Student Option No Audit; Prereq: HNDI 3031 or instr consent)
66989 001 LEC, 16:40-18:35 MW, Folwell Hall 6, In Person Term Based; Meets With: 001 HNDI 4006; Meraj Ahmed ; 4 cr.

4002 Beginning Hindi II for Graduate

Student Research
(Student Option No Audit;)
66645 001 LEC, 13:25-14:15 MTWThF, Amundson Hall 104, In Person Term Based; Meets With: 001 HNDI 1012; Meraj Ahmed ; 5 cr.

4004 Intermediate Hindi II for Graduate

Student Research
(Student Option No Audit;)
66646 001 LEC, 12:20-13:10 MTWThF, Amundson Hall 104, In Person Term Based; Meets With: 001 HNDI 3022; Meraj Ahmed ; 5 cr.

4006 Advanced Hindi II for Graduate

Research
(Student Option No Audit; Prereq: 4005 or instr consent)
66990 001 LEC, 16:40-18:35 MW, Folwell Hall 6, In Person Term Based; Meets With: 001 HNDI 3032; Meraj Ahmed ; 4 cr.

4016 Accelerated Intermediate Hindi for

Graduate Research
(Student Option No Audit;)
68295 001 LEC, 15:35-16:25 MTWThF, Folwell Hall 120, In Person Term Based; Meets With: 001 HNDI 3016; Meraj Ahmed ; 5 cr.

History (HIST)

1012W The Age of Global Contact

(Student Option; Prereq: Fr or soph or non-hist majorGP,WI,HIS)
55819 001 LEC, 11:15-12:30 TTh, West Bank Skyway 20, In Person Term Based; Nathan Weaver Olson ; 4 cr.
55820 002 DIS, 11:15-12:05 M, Blegen Hall 225, In Person Term Based; 4 cr.
55821 003 DIS, 13:25-14:15 T, Blegen Hall 225, In Person Term Based; 4 cr.
55822 004 DIS, 11:15-12:05 W, Social Sciences Building 278, In Person Term Based; 4 cr.
55823 006 DIS, 12:20-13:10 W, Social Sciences Building 278, In Person Term Based; 4 cr.
55824 007 DIS, 13:25-14:15 Th, Blegen Hall 225, In Person Term Based; 4 cr.
55825 008 DIS, 10:10-11:00 F, Carlson School of Mgmt 1-127, In Person Term Based; 4 cr.

1031W Europe and the World: Expansion,

Encounter, and Exchange to 1500
(Student Option; Prereq: Fr or soph or non-hist majorGP,WI,HIS)
66705 001 LEC, 13:00-14:15 TTh, Bruininks Hall 330, In Person Term Based; Michael Lower ; 4 cr.
66706 002 DIS, 10:10-11:00 Th, Blegen Hall 430, In Person Term Based; 4 cr.
66707 003 DIS, 9:05-9:55 Th, Blegen Hall 430, In Person Term Based; 4 cr.
66708 004 DIS, 12:20-13:10 W, Hubert H. Humphrey School 20, In Person Term Based; 4 cr.
66709 005 DIS, 11:15-12:05 T, Social Sciences Building 278, In Person Term Based; 4 cr.
66710 006 DIS, 14:30-15:20 T, Blegen Hall 330, In Person Term Based; 4 cr.
66711 007 DIS, 13:25-14:15 W, Blegen Hall 125, In Person Term Based; 4 cr.

1082 Jesus in History

(Student Option; HIS)
68391 001 LEC, 13:25-14:15 WF, Keller Hall 3-115, In Person Term Based; Meets With: 001 HIST 3092001 CNES 3092001 CNES 1082001 RELS 1082001 RELS 3092; Joshua Reno ; 3 cr.

68392 002 DIS, 13:25-14:15 M, Mechanical Engineering 102, In Person Term Based; Meets With: 002 HIST 3092002 CNES 3092002 CNES 1082002 RELS 1082002 RELS 3092; Joshua Reno ; 3 cr.

68393 003 DIS, 13:25-14:15 M, Keller Hall 3-115, In Person Term Based; Meets With: 003 HIST 3092003 CNES 3092003 CNES 1082003 RELS 1082003 RELS 3092; Joshua Reno ; 3 cr.

1302W Global America: U.S. History Since

1865
(Student Option; Prereq: Fr or soph or non-hist majorDSJ,WI,HIS)
52999 001 LEC, 9:45-11:00 MW, Anderson Hall 210, In Person Term Based; William Jones ; 4 cr.
53000 002 DIS, 11:15-12:05 M, Blegen Hall 330, In Person Term Based; 4 cr.
53001 003 DIS, 11:15-12:05 M, Hubert H. Humphrey School 20, In Person Term Based; 4 cr.
53002 004 DIS, 12:20-13:10 M, Blegen Hall 140, In Person Term Based; 4 cr.
53003 005 DIS, 9:05-9:55 T, Blegen Hall 430, In Person Term Based; 4 cr.
53004 006 DIS, 11:15-12:05 W, Blegen Hall 225, In Person Term Based; 4 cr.
53005 007 DIS, 11:15-12:05 Th, Social Sciences Building 278, In Person Term Based; 4 cr.
53006 008 DIS, 12:20-13:10 Th, Blegen Hall 225, In Person Term Based; 4 cr.
53007 009 DIS, 10:10-11:00 F, Blegen Hall 430, In Person Term Based; 4 cr.

1362 Global History of World War II

(Student Option; HIS)
55413 001 LEC, 13:25-14:15 MW, Blegen Hall 5, In Person Term Based; Meets With: 001 HIST 3362; Hiromi Mizuno ; 3 cr.
56069 002 DIS, 13:25-14:15 F, Blegen Hall 240, In Person Term Based; 3 cr.
66713 003 DIS, 12:20-13:10 F, Blegen Hall 240, In Person Term Based; 3 cr.

1364 Introduction to Global Environmental

History
(Student Option;)
68025 001 LEC, 11:15-12:05 MW, Blegen Hall 120, In Person Term Based; Zozan Pehlivan ; 3 cr.
68339 002 DIS, 11:15-12:05 F, Blegen Hall 120, In Person Term Based; Zozan Pehlivan ; 3 cr.

3000 New Topics in History

(Student Option; HIS)
67862 001 LEC, 8:15-9:30 MW, Blegen Hall 130, In Person Term Based; Patrick McNamara ; 3 cr.

3001 Public History

(A-F or Audit; Prereq: instr consent)
67301 001 LEC, 17:00-19:30 T, Blegen Hall 125, In Person Term Based; Meets With: 001 AMIN 3001001 AMST 3003; Jean O'Brien, Kevin Murphy ; 3 cr.

3020 Hands-On History

(A-F only;)
67163 001 LEC, 13:00-14:15 MW, Hubert H. Humphrey School 15, In Person Term Based; Mai Na Lee ; 3 cr.
67164 002 LEC, 9:45-11:00 TTh, Blegen Hall 140, In Person Term Based; Tracey Deutsch ; 3 cr.

3053 Ancient Civilization: Rome

(Student Option; HIS)
54537 001 LEC, 9:05-9:55 MWF, Anderson Hall 330, In Person Term Based; Andrew Gallia ; 3 cr.

3066 Prehistoric Pathways to World

Civilization
(Student Option; HIS)
54569 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.

3092 Jesus in History

(Student Option; HIS)
56048 001 LEC, 13:25-14:15 WF, Keller Hall 3-115, In Person Term Based; Meets With: 001 CNES 3092001 CNES 1082001 HIST 1082001 RELS 1082001 RELS 3092; Joshua Reno ; 3 cr.
56049 002 DIS, 13:25-14:15 M, Mechanical Engineering 102, In Person Term Based; Meets With: 002 CNES 3092002 CNES 1082002 HIST 1082002 RELS 1082002 RELS 3092; Joshua Reno ; 3 cr.
56050 003 DIS, 13:25-14:15 M, Keller Hall 3-115, In Person Term Based; Meets With: 003 CNES 3092003 CNES 1082003 HIST 1082003 RELS 1082003 RELS 3092; Joshua Reno ; 3 cr.

3151W British History to the 17th Century

(Student Option; GP,WI,HIS)
67895 001 LEC, 12:20-13:30 MWF, Carlson School of Mgmt 2-233, In Person Term Based; Bailey Poletti ; 4 cr.

3265 20th-Century Russia: The Collapse of

Imperial Russia, the Revolutions, and the Soviet Regime
(Student Option;)
54538 001 LEC, 10:10-11:00 MWF, Blegen Hall 120, In Person Term Based; Meets With: 001 HIST 5265; Theofanis Stavrou ; 3 cr.

3362 Global History of World War II

(Student Option; HIS)
67290 001 LEC, 13:25-14:15 MW, Blegen Hall 5, In Person Term Based; Meets With: 001 HIST 1362; Hiromi Mizuno ; 3 cr.
67291 002 DIS, 13:25-14:15 F, Blegen Hall 130, In Person Term Based; 3 cr.
67292 003 DIS, 12:20-13:10 F, Blegen Hall 130, In Person Term Based; 3 cr.

3402W Modern Latin America 1825 to

Present
(Student Option; GP,WI,HIS)
54689 001 LEC, 10:10-12:05 MW, Blegen Hall 155, In Person Term Based; Meets With: 001 LAS 3402W; Patrick McNamara ; 4 cr.

3416 Imperialism and its Critics: Ethical

Issues, Literary Representations
(A-F only; CIV,LITR)
66715 001 LEC, 11:15-12:30 MW, Hanson Hall 1-111, In Person Term Based; PATRICIA LORCIN ; 3 cr.

3417 Food in History

(Student Option; ENV,HIS)
67863 001 LEC, 14:30-15:45 TTh, Anderson Hall 230, In Person Term Based; Jessica Arnett ; 3 cr.

3426 Piracy in the Mediterranean: The

World of Merchants and Pirates
(Student Option; GP,HIS)
66719 001 LEC, 9:45-11:00 TTh, Blegen Hall 155, In Person Term Based; Kathryn Reyerson ; 3 cr.

3429 Latin American History in Film and

Text
(Student Option; AH,GP)
66720 001 LEC, 18:20-20:50 W, Hubert H. Humphrey School 25, In Person Term Based; Meets With: 001 LAS 3429; Heider Tun ; 3 cr.

3431 Early Africa and Its Global

Connections
(Student Option; GP,HIS)
67304 001 LEC, 14:30-15:45 MW, Blegen Hall 145, In Person Term Based; Meets With: 001 AFRO 3431; Gabriele Payne ; 3 cr.

3462 From Subjects to Citizens: The

History of East Asia From 1500 to the Present
(Student Option; GP,HIS)
54081 001 LEC, 11:15-12:30 MW, Blegen Hall 220, In Person Term Based; Meets With: 001 EAS 3462; Ann Waltner ; 3-4 cr.
66721 002 DIS, 13:25-14:15 W, Social Sciences Building 278, In Person Term Based; Meets With: 002 EAS 3462 ; 3-4 cr.
66722 003 DIS, 14:30-15:20 W, Hubert H. Humphrey School 35, In Person Term Based; Meets With: 003 EAS 3462 ; 3-4 cr.

3466 Religion and Society in Imperial China

(Student Option; HIS)
67676 001 LEC, 16:00-17:15 TTh, Blegen Hall 130, In Person Term Based; Meets With: 001 RELS 3373; Eric Becklin ; 3 cr.

3476 War and Peace in Japan Through

Popular Culture
(A-F or Audit;)
67306 001 LEC, 10:10-13:40 F, Hanson Hall 1-103, In Person Term Based; Meets With: 001 ALL 3457; Hiromi Mizuno ; 4 cr.

3486 Hmong Refugees from the Secret

War: Becoming Americans

(Student Option;)

55294 001 LEC, 9:45-11:00 MW, Blegen Hall 215, In Person Term Based; Meets With: 001 AAS 3486; Mai Na Lee ; 3 cr.

3502 Ancient Israel: From Conquest to**Exile****(Student Option;)**

67321 001 LEC, 11:15-12:30 TTh, Blegen Hall 140, In Person Term Based; Meets With: 001 CNES 3502001 JWST 3502001 RELS 3502001 CNES 5502; Eva von Dassow ; 3 cr.

3511 Muslims and Jews: Conflict and Co-existence in the Middle East and North**Africa since 1700****(Student Option; GP,HIS)**

67324 001 LEC, 13:00-14:15 TTh, Blegen Hall 110, In Person Term Based; Meets With: 001 JWST 3511001 RELS 3079; Daniel Schroeter ; 3 cr.

3513 North Africa since 1500: Islam, Colonialism, and Independence**(Student Option;)**

66730 001 LEC, 9:45-11:00 TTh, Blegen Hall 145, In Person Term Based; Meets With: 001 RELS 3721001 HIST 5513; Daniel Schroeter ; 3 cr.

3514 Environmental History of the Middle East and North Africa**(Student Option;)**

67894 001 LEC, 13:00-14:15 MW, Blegen Hall 240, In Person Term Based; Zozan Pehlivan ; 3 cr.

3546 Islam and the West**(Student Option;)**

54765 001 LEC, 10:10-11:00 MWF, Blegen Hall 145, In Person Term Based; Meets With: 001 RELS 3714001 GLOS 3643; Iraj Bashiri ; 3 cr.

3547 The Ottoman Empire**(Student Option; GP,HIS)**

55732 001 LEC, 16:00-17:15 MW, Blegen Hall 220, In Person Term Based; Meets With: 001 RELS 3722; Fikri Cicek ; 3 cr.

3615W Women in European History: 1500 to the Present**(Student Option; GP,WI,HIS)**

66731 001 LEC, 13:15-15:45 T, Blegen Hall 145, In Person Term Based; Mary Jo Maynes ; 3 cr.

3704W Daily Life in Europe: 1300-1800**(Student Option; GP,WI,HIS)**

67864 001 LEC, 16:00-17:15 MW, Blegen Hall 125, In Person Term Based; Jan Volek ; 3 cr.

3721 Studies in 20th-Century Europe From the Turn of the Century to the End of World War II: 1900-45**(Student Option;)**

67683 001 LEC, 13:00-14:15 MW, Blegen Hall 155, In Person Term Based; Jurgen Pirkler ; 3 cr.

3727 History of the Holocaust**(Student Option;)**

67674 001 LEC, 8:15- 9:30 MW, Blegen Hall 225, In Person Term Based; Meets With: 001 JWST 3520001 RELS 3520; Jazmine Contreras ; 3 cr.

3728 Human Rights and Crimes Against Humanity**(A-F or Audit;)**

67675 001 LEC, 11:15-12:30 TTh, Anderson Hall 230, In Person Term Based; Anna Clark, Sarah Chambers ; 3 cr.

3729 Nazi Germany and Hitler's Europe**(Student Option;)**

55719 001 LEC, 14:30-15:45 MW, Blegen Hall 255, In Person Term Based; Meets With: 001 JWST 3729; Igor Tchoukarine ; 3 cr.

3746 Game of Thrones: Emperors, Knights and Witches in Central Europe**(Student Option; Prereq: NoneHIS)**

66734 001 LEC, 14:30-15:45 TTh, Blegen Hall 125, In Person Term Based; Howard Louthan ; 3 cr.

3767 Eastern Orthodoxy: History and Culture**(Student Option;)**

53850 090 LEC, 18:20-20:50 M, Blegen Hall 145, In Person Term Based; Meets With: 001 RELS 3611; Theofanis Stavrou ; 3 cr.

3822 Making America Modern: 1945 to**Present****(Student Option;)**

56125 301 LEC, Completely Online; Scott McDowell ; 3 cr.

3862 American Immigration History**(Student Option; DSJ,HIS)**

67679 001 LEC, 18:20-20:50 Th, Blegen Hall 230, In Person Term Based; Meets With: 001 AAS 3862001 CHIC 3862; Kent Weber ; 3 cr.

3865 African American History, 1865 to**Present****(A-F or Audit;)**

68753 001 DIS, 18:00-20:45 Th, Blegen Hall 120, In Person Term Based; Meets With: 001 AFRO 3865; Keith Mayes ; 3 cr.

3980W Supplemental Writing in History**(Student Option; Prereq: instr consent; must take a 3-cr 3xxx or 5xxx course taken concurrentlyWI)**

52690 001 LEC, In Person Term Based; 1 cr.

3993 Directed Study**(A-F or Audit; Prereq: instr consent, dept consent, college consent.)**

52682 001 IND, 00:00-00:00 , , In Person Term Based; 1-16 cr.

4010W Research Seminar**(A-F or Audit; Prereq: Jr or Sr history major or instr consentWI)**

67165 001 LEC, 13:00-14:40 MW, Blegen Hall 335, In Person Term Based; William Jones ; 4 cr.

67865 002 LEC, 16:00-17:40 TTh, Blegen Hall 210, In Person Term Based; Anna Clark ; 4 cr.

4961V Honors: Major Paper**(A-F only; Prereq: dept consent, instr consent; sign up in Undergraduate Studies Office two sem in advanceWI)**

53637 001 LEC, 13:25-15:20 MW, Blegen Hall 215, In Person Term Based; Meets With: 001 HIST 4961W; PATRICIA LORCIN ; 4 cr.

4961W Major Paper**(A-F or Audit; Prereq: dept consent, instr consent; sign up in Undergraduate Studies Office two sem in advanceWI)**

52057 001 LEC, 13:25-15:20 MW, Blegen Hall 215, In Person Term Based; Meets With: 001 HIST 4961V; PATRICIA LORCIN ; 4 cr.

4970 Historical Internship**(Student Option;)**

54097 001 FWK, 15:35-17:30 W, Blegen Hall 335, Independent/Directed Study; Brooke Deppenbusch ; 1-12 cr.

5053 Doing Roman History: Sources, Methods, and Trends**(Student Option; Prereq: Grad student or instr consent)**

67298 001 LEC, 14:30-17:00 W, Blegen Hall 155, In Person Term Based; Andrew Gallia ; 3 cr.

5265 20th-Century Russia: The Collapse of Imperial Russia, the Revolutions, and the Soviet Regime**(Student Option;)**

53232 001 LEC, 10:10-11:00 MWF, Blegen Hall 120, In Person Term Based; Meets With: 001 HIST 3265; Theofanis Stavrou ; 3 cr.

5513 North Africa since 1500: Islam, Colonialism, and Independence**(Student Option;)**

67997 001 LEC, 9:45-11:00 TTh, Blegen Hall 145, In Person Term Based; Meets With: 001 HIST 3513001 RELS 3721; Daniel Schroeter ; 3 cr.

5910 Topics in U.S. History**(Student Option; Prereq: Grad or advanced undergrad student with instr consent)**

67684 001 LEC, 13:25-15:20 W, Hubert H. Humphrey School 20, In Person Term Based; David Chang ; 1-4 cr.

5932 The Production of Knowledge, Negotiating the Past, and the Writing of African Histories**(A-F or Audit;)**

67303 001 LEC, 14:45-17:30 T, Blegen Hall 415, In Person Term Based; Meets With: 001 AFRO 5932; Njeri Githire ; 3 cr.

5993 Directed Study**(Student Option; Prereq [Grad student or sr], instr consent, dept consent, college consent.)**

52691 001 IND, 00:00-00:00 , , In Person Term Based; 1-16 cr.

8021 History Research Seminar**(A-F or Audit;)**

67296 001 LEC, 13:25-15:20 M, Walter W Heller Hall 1229, In Person Term Based; Mary Jo Maynes ; 3 cr.

8122 Public Histories**(A-F or Audit;)**

56138 001 LEC, 15:35-17:30 W, Rapson Hall 145A, In Person Term Based; Gail Dubrow ; 3 cr.

8333 FTE: Master's**(No Grade Associated; Prereq: Master's student, adviser and DGS consent)**

52794 001 IND, In Person Term Based; 1 cr.

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

52818 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)**

67299 001 DIS, 13:25-15:20 T, Walter W Heller Hall 1229, In Person Term Based; Kathryn Reyerson ; 1-4 cr.

8645 American Legal History**(A-F only;)**

55934 001 LEC, 13:25-15:25 Th, Mondale Hall 471, In Person Term Based; Meets With: 001 LAW 6228; Susanna Blumenthal ; 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)**

52843 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])**

52862 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)**

52870 001 IND, In Person Term Based; 1-24 cr.

8910 Topics in U.S. History**(A-F or Audit;)**

67867 001 DIS, 13:25-15:20 Th, Walter W Heller Hall 1229, In Person Term Based; Tracey Deutsch ; 1-4 cr.

8960 Topics in History**(A-F or Audit;)**

67685 001 LEC, 15:35-17:30 Th, Walter W Heller Hall 1229, In Person Term Based; Sarah Chambers ; 1-4 cr.

68848 002 LEC, 15:35-17:30 T, Carlson School of Mgmt 1-122, In Person Term Based; Thomas Wolfe ; 1-4 cr.

8970 Advanced Research in Quantitative History**(A-F or Audit; Prereq: Grad student)**

67866 001 LEC, 15:35-17:30 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)**

52871 001 IND, In Person Term Based; 1-16 cr.

8994 Directed Research**(A-F or Audit; Prereq: instr consent)**

52872 001 IND, In Person Term Based; 1-16 cr.

History of Medicine (HMED)**3002W Health Care in History II**

(Student Option; HIS,WI)

- 61465 001 LEC, 10:10-11:00 MWF, Mayo Bldg & Additions C231, In Person Term Based; Laura Luepke ; 4 cr.
 61466 002 DIS, 11:15-12:05 W, Ford Hall 155, In Person Term Based; 4 cr.
 61468 005 DIS, 10:10-11:00 Th, Amundson Hall 156, In Person Term Based; 4 cr.
 61611 006 DIS, 11:15-12:05 Th, Amundson Hall 156, In Person Term Based; 4 cr.
 61612 004 DIS, 13:25-14:15 W, Ford Hall 155, In Person Term Based; 4 cr.

3040 Human Health, Disease, and the Environment in History**(Student Option; HIS)**

- 61934 001 LEC, 9:45-11:00 TTh, Bruininks Hall 530B, In Person Term Based; Jole Shackelford ; 3 cr.

3055 Women, Health, and History**(A-F only; DSJ,HIS)**

- 62201 001 LEC, 11:15-12:30 TTh, Bruininks Hall 530B, In Person Term Based; Laura Luepke ; 3 cr.

4965W Senior Research in Medical History**(A-F only; Prereq: Sr, instr consentWI)**

- 62061 001 LEC, 14:30-17:00 Th, Bruininks Hall 131B, In Person Term Based; Peter Kernahan ; 3 cr.

7500 Historical Research for Medical**Students****(H-N only;)**

- 61976 099 IND, In Person Term Based; 4 cr.

8002 Foundations in the History of Modern Medicine, 1800-present**(A-F only;)**

- 67994 001 LEC, 15:35-17:30 W, Ford Hall B60, In Person Term Based; Jennifer Gunn ; 3 cr.

8113 Research Methods in the History of Science, Technology, and Medicine**(A-F only; Prereq: instr consent)**

- 61817 001 LEC, 14:25-16:20 Th, Shepherd Laboratories 592, In Person Term Based; Meets With: 001 HSCI 8113; Sally Kohlstedt ; 3 cr.

8333 FTE: Master's**(No Grade Associated; Prereq: Master's student, adviser and DGS consent)**

- 61572 001 IND, In Person Term Based; 1 cr.

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

- 61580 001 IND, In Person Term Based; 1 cr.

8632 Directed Study**(A-F or Audit; Prereq: instr consent)**

- 61705 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)**

- 61589 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])**

- 61598 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)**

- 61614 001 IND, In Person Term Based; 1-24 cr.

History of Science and Tech (HSCI)**1011 Digital World****(Student Option; HIS,TS)**

- 60728 001 LEC, 12:20-13:10 MW, Anderson Hall 250, In Person Term Based; Joline Zepcevski ; 3 cr.
 60806 002 DIS, 15:35-16:25 W, Bruininks Hall 144, In Person Term Based; Joline Zepcevski ; 3 cr.

- 60807 003 DIS, 14:30-15:20 W, Bruininks Hall 119, In Person Term Based; Joline Zepcevski ; 3 cr.
 60808 004 DIS, 10:10-11:00 Th, Bruininks Hall 117, In Person Term Based; Joline Zepcevski ; 3 cr.
 60809 005 DIS, 12:20-13:10 Th, Bruininks Hall 117, In Person Term Based; Joline Zepcevski ; 3 cr.
 60810 006 DIS, 9:05- 9:55 F, Ford Hall 155, In Person Term Based; Joline Zepcevski ; 3 cr.
 60811 007 DIS, 12:20-13:10 F, Ford Hall 155, In Person Term Based; Joline Zepcevski ; 3 cr.
 64857 008 DIS, 11:15-12:05 Th, Bruininks Hall 117, In Person Term Based; Joline Zepcevski ; 3 cr.

1212 Life on Earth: Origins, Evolution & Ecology**(Student Option; ENV,HIS)**

- 60069 001 LEC, 9:45-11:00 TTh, Tate Hall 105, In Person Term Based; Susan Jones ; 4 cr.
 60070 002 DIS, 13:25-14:15 T, Bruininks Hall 119, In Person Term Based; Susan Jones ; 4 cr.
 60071 003 DIS, 10:10-11:00 W, Bruininks Hall 119, In Person Term Based; Susan Jones ; 4 cr.
 60138 004 DIS, 12:20-13:10 W, Bruininks Hall 119, In Person Term Based; Susan Jones ; 4 cr.
 60187 005 DIS, 14:30-15:20 Th, Bruininks Hall 119, In Person Term Based; Susan Jones ; 4 cr.
 60816 006 DIS, 13:25-14:15 Th, Bruininks Hall 119, In Person Term Based; Susan Jones ; 4 cr.

1715 History of Modern Technology:**Waterwheels to the Web****(Student Option; HIS,TS)**

- 60452 001 LEC, 18:00-20:45 M, Bruininks Hall 312, In Person Term Based; Meets With: 001 HSCI 3715; Mary Thomas ; 3-4 cr.
 60454 002 LEC, 18:00-20:45 W, Bruininks Hall 412, 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)**

- 60417 001 LEC, 10:10-11:00 MWF, Tate Hall B20, In Person Term Based; Meets With: 001 HSCI 3815; Michel Janssen ; 3-4 cr.
 60418 002 DIS, 11:15-12:05 M, Ford Hall 170, In Person Term Based; Meets With: 002 HSCI 3815; Michel Janssen ; 3-4 cr.
 60419 003 DIS, 10:10-11:00 T, Bruininks Hall 117, In Person Term Based; Meets With: 003 HSCI 3815; Michel Janssen ; 3-4 cr.
 60420 004 DIS, 11:15-12:05 W, Bruininks Hall 119, In Person Term Based; Meets With: 004 HSCI 3815; Michel Janssen ; 3-4 cr.
 60421 005 DIS, 10:10-11:00 Th, Bruininks Hall 119, In Person Term Based; Meets With: 005 HSCI 3815; Michel Janssen ; 3-4 cr.

3242 Navigating a Darwinian World**(Student Option; HIS)**

- 60313 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)**

- 64858 001 LEC, 11:15-12:30 TTh, Ford Hall 151, In Person Term Based; Meets With: 001 HSCI 5246; Robert Gardner ; 3 cr.

3331 Technology and American Culture**(Student Option; HIS,TS)**

- 60318 001 LEC, 14:30-15:45 TTh, Rapson Hall 45, In Person Term Based; Meets With: 001 HSCI 5331; Robert Gardner ; 3 cr.

3421 Engineering Ethics**(Student Option; CIV,HIS)**

- 60889 001 LEC, 10:10-11:00 MWF, Smith Hall 331, In Person Term Based; Meets With: 001 HSCI 5421; Jennifer Alexander ; 3 cr.

3611 Enlightenment, Revolution, and the Rise of Modern Science**(Student Option; GP,HIS)**

- 60513 001 LEC, 11:15-12:30 MW, Akerman Hall 211, In Person Term Based; Meets With: 001 HSCI 5611; Victor Boantz ; 3 cr.

3715 History of Modern Technology:**Waterwheels to the Web****(Student Option; HIS,TS)**

- 60453 001 LEC, 18:00-20:45 M, Bruininks Hall 312, In Person Term Based; Meets With: 001 HSCI 1715; Mary Thomas ; 3-4 cr.
 60455 002 LEC, 18:00-20:45 W, Bruininks Hall 412, 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)**

- 60422 001 LEC, 10:10-11:00 MWF, Tate Hall B20, In Person Term Based; Meets With: 001 HSCI 1815; Michel Janssen ; 3-4 cr.
 60423 002 DIS, 11:15-12:05 M, Ford Hall 170, In Person Term Based; Meets With: 002 HSCI 1815; Michel Janssen ; 3-4 cr.
 60424 003 DIS, 10:10-11:00 T, Bruininks Hall 117, In Person Term Based; Meets With: 003 HSCI 1815; Michel Janssen ; 3-4 cr.
 60425 004 DIS, 11:15-12:05 W, Bruininks Hall 119, In Person Term Based; Meets With: 004 HSCI 1815; Michel Janssen ; 3-4 cr.
 60426 005 DIS, 10:10-11:00 Th, Bruininks Hall 119, In Person Term Based; Meets With: 005 HSCI 1815; Michel Janssen ; 3-4 cr.

4121W History of 20th-Century Physics**(Student Option; WI)**

- 60786 001 LEC, 16:40-19:20 Th, Tate Hall B55, In Person Term Based; Meets With: 001 PHYS 4121W; Michel Janssen ; 3 cr.

4455 Women, Gender, and Science**(Student Option; DSJ,HIS)**

- 66804 001 LEC, 15:35-16:50 MW, Amundson Hall 104, In Person Term Based; Anna Graber ; 3 cr.

5242 Navigating a Darwinian World**(Student Option;)**

- 60314 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;)**

- 64859 001 LEC, 11:15-12:30 TTh, Ford Hall 151, In Person Term Based; Meets With: 001 HSCI 3246; Robert Gardner ; 3 cr.

5331 Technology and American Culture**(Student Option;)**

- 61070 001 LEC, 14:30-15:45 TTh, Rapson Hall 45, In Person Term Based; Meets With: 001 HSCI 3331; Robert Gardner ; 3 cr.

5421 Engineering Ethics**(Student Option;)**

- 67977 001 LEC, 10:10-11:00 MWF, Smith Hall 331, In Person Term Based; Meets With: 001 HSCI 3421; Jennifer Alexander ; 3 cr.

5611 Enlightenment, Revolution, and the Rise of Modern Science**(Student Option;)**

- 60514 001 LEC, 11:15-12:30 MW, Akerman Hall 211, In Person Term Based; Meets With: 001 HSCI 3611; Victor Boantz ; 3 cr.

5993 Directed Studies**(Student Option; Prereq: instr consent)**

- 58795 001 IND, 00:00-00:00 , , In Person Term Based; 1-15 cr.

5994 Directed Research**(Student Option; Prereq: instr consent)**

- 58794 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;)**

- 59845 001 LEC, 14:25-16:20 Th, Shepherd Laboratories 592, In Person Term Based; Meets With: 001 HSCI 8113; Sally Kohlstedt ; 3 cr.

8125 Foundations for Research in the Scientific Revolution**(A-F or Audit; Prereq: Grad HSci major or minor or instr consent)**

- 60427 001 LEC, 15:35-17:30 W, Lind Hall 340, In Person Term Based; Victor Boantz ; 3 cr.

8333 FTE: Master's

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

58942 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

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

58958 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)

58976 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))

58993 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)

59013 001 IND, In Person Term Based; 1-24 cr.

8920 Seminar: History of Biological Sciences

(Student Option; Prereq: instr consent)

68701 001 LEC, 15:35-17:30 T, Bruininks Hall 144, In Person Term Based; Susan Jones ; 3 cr.

8993 Directed Studies

(Student Option; Prereq: instr consent)

58793 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

8994 Directed Research

(Student Option;)

58792 001 IND, In Person Term Based; 1-5 cr.

Hmong (HMNG)

1012 Beginning Hmong II

(Student Option No Audit; Prereq: HMNG 1001 or 1011)

54210 001 LEC, 13:25-14:15 MTWThF, Folwell Hall 3, In Person Term Based; Meets With: 001 HMNG 4002; Kia Yang ; 5 cr.

67496 002 LEC, 15:30-17:50 MW, Folwell Hall 116, In Person Term Based; Meets With: 002 HMNG 4002; Kia Yang ; 5 cr.

3016 Accelerated Intermediate Hmong

(Student Option No Audit; Prereq: [1011 and 1012] or 1015 or instr consent)

54686 050 LEC, 16:40-17:30 MTWThF, Folwell Hall 122, In Person Term Based; Meets With: 050 HMNG 4006; Bee Vang ; 5 cr.

3022 Intermediate Hmong II

(Student Option No Audit; Prereq: Hmong 3021)

53830 001 LEC, 15:30-17:50 TTh, Appleby Hall 204, 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)

54144 001 FWK, In Person Term Based; Bee Vang ; 1 cr.

5040 Readings in Hmong Texts

(Student Option;)

66675 001 LEC, 13:00-14:15 TTh, Peik Hall 335, In Person Term Based; Bee Vang ; 2-4 cr.

Honors Seminar (HSEM)

2064H Sex, Gender, and the Digital Body

(A-F only;)

67017 001 DIS, 16:00-17:15 TTh, Blegen Hall 135, In Person Term Based; Sonali Pahwa ; 3 cr.

2069H Film as Art: Global Practices

(A-F only;)

67001 001 DIS, 14:30-15:45 MW, Blegen Hall 115, In Person Term Based; Meng Tang ; 3 cr.

2325H Fantasy: A Ghastly, Wicked Introduction

(A-F only; GP)

66167 001 DIS, 9:45-11:00 TTh, Peik Hall 385, In Person Term Based; Marek Oziewicz ; 3 cr.

2540H Understanding the Russian Land

(A-F only; ENV,HIS)

67018 001 DIS, 11:15-12:30 MW, Northrop Memorial Aud 240, In Person Term Based; Anna Graber ; 3 cr.

2623H Biopiracy and seed for the post apocalypse: Genebanks, Genetic Diversity, and Identity

(A-F only;)

67222 001 DIS, 16:00-17:15 MW, Lind Hall 217, In Person Term Based; Laura Shannon ; 3 cr.

2724V The Sex Talk You Should Have Had: Controversies in Sexual Health

(A-F only; CIV,WI)

66585 001 DIS, 14:30-16:30 T, Nicholson Hall 315, In Person Term Based; Amy Pittenger ; 3 cr.

3092H Music, Revolution, War

(A-F only;)

67002 001 DIS, 9:45-11:00 TTh, Ferguson Hall 149, In Person Term Based; Karen Painter ; 3 cr.

3203H An Understanding of Place: Historic, Cultural, and Personal Investigations

(A-F only;)

67102 001 DIS, 13:00-14:15 TTh, Appleby Hall 219, In Person Term Based; Anthony Siebenaler-Ransom ; 3 cr.

3801H Modern China: Law, History, and Culture

(A-F only; GP)

66169 001 DIS, 16:00-18:30 Th, Carlson School of Mgmt 1-132, In Person Term Based; Chang Wang ; 3 cr.

3805H Paris: A City of Beauty and Upheaval

(A-F only;)

67340 001 DIS, 11:15-12:30 TTh, Blegen Hall 260, In Person Term Based; John Munholland ; 3 cr.

Horticulture Science (HORT)

1001 Plant Propagation

(Student Option; BIOL)

56240 001 LEC, 11:45-13:00 TTh, Borlaug Hall 335, In Person Term Based; Meets With: 001 HORT 6011; 4 cr.

56241 002 LAB, 9:35-11:30 T, Plant Growth Facility 140A, In Person Term Based; Meets With: 002 HORT 6011; Laura Irish ; 4 cr.

56242 003 LAB, 13:15-15:10 T, Plant Growth Facility 140A, In Person Term Based; Meets With: 003 HORT 6011; Laura Irish ; 4 cr.

56243 004 LAB, 9:35-11:30 Th, Plant Growth Facility 140A, In Person Term Based; Meets With: 004 HORT 6011; Laura Irish ; 4 cr.

56244 005 LAB, 13:15-15:10 Th, Plant Growth Facility 140A, In Person Term Based; Meets With: 005 HORT 6011; Laura Irish ; 4 cr.

1003 Organic Gardening: From Balconies to Backyards

(A-F only;)

56816 301 LEC, Completely Online; Emily Tepe ; 3 cr.

1013 Floral Design

(Student Option;)

56815 001 LEC, Completely Online; Neil Anderson ; 3 cr.

1014 Edible Landscape

(Student Option; TS)

56647 001 LEC, 17:10-18:30 W, Bruininks Hall 432, Primarily Online; Thomas Michaels ; 3 cr.

1090 Directed Studies

(Student Option; Prereq: instr consent or department permission)

56699 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.

3090 Directed Studies

(Student Option; Prereq: Nonfr, instr consent)

56640 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

68075 002 IND, 12:50-14:45 Th, Alderman Hall 415, In Person Term Based; Mary Meyer ; 1-3 cr.
68688 003 IND, In Person Term Based; Julie Grossman ; 1-3 cr.

4063 Turfgrass Science

(A-F only; Prereq: 4061)

67410 001 LAB, 13:55-15:10 MW, Alderman Hall 262, In Person Term Based; Eric Watkins ; 3 cr.

4071W Applications of Biotechnology to Plant Improvement

(A-F or Audit; Prereq: [Biol 1009 or equiv or grad student], instr consentWI)

66958 001 LEC, 10:40-11:30 MW, Plant Growth Facility 132, In Person Term Based; Alan Smith ; 4 cr.

66959 002 LAB, 12:30-14:30 MW, Plant Growth Facility 132, In Person Term Based; Alan Smith ; 4 cr.

4096 Professional Experience Program: Internship

(S-N only; Prereq: CFANS undergrad, completed internship contract prior to employment)

56239 001 FWK, 00:00-00:00 , , In Person Term Based; Mary Rogers ; 1 cr.

4096W Professional Experience Program: Internship

(A-F only; Prereq: CFANS undergradWI)

56839 001 FWK, In Person Term Based; Mary Rogers ; 2 cr.

4110 Spring Flowering Bulbs

(A-F only;)

67404 001 LEC, 9:35-13:40 F, Plant Growth Facility 140B, In Person Term Based; Neil Anderson ; 1 cr.

4141W Scheduling Crops for Protected Environments

(A-F only; WI)

67158 001 LEC, 9:35-10:25 MW, Alderman Hall 310, In Person Term Based; Neil Anderson ; 4 cr.

67159 002 LAB, 12:45-14:45 F, Plant Growth Facility 140A, In Person Term Based; Neil Anderson ; 4 cr.

5032 Organic Vegetable Production

(A-F or Audit;)

67166 001 LEC, 15:00-16:30 TTh, Alderman Hall 310, In Person Term Based; Mary Rogers ; 3 cr.

5058 Plant Cytogenetics

(A-F or Audit; Prereq: [HORT/AGRO 4401, BIOL 4003] or instr consent)

56750 001 LEC, 9:30-10:30 WF, Alderman Hall 152, In Person Term Based; Changbin Chen ; 3 cr.

67145 002 LAB, 12:45-14:45 F, Plant Growth Facility 132, In Person Term Based; Changbin Chen ; 3 cr.

5090 Directed Studies

(Student Option; Prereq: 8 cr upper div Hort courses, instr consent)

56236 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

68689 002 IND, In Person Term Based; Julie Grossman ; 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)

56428 001 FWK, In Person Term Based; Mary Meyer ; 1-3 cr.

6011 Plant Propagation

(A-F only; Prereq: Master of Professional Studies or instr consent)

56840 001 LEC, 11:45-13:00 TTh, Borlaug Hall 335, In Person Term Based; Meets With: 001 HORT 1001; 4 cr.

56841 002 LAB, 9:35-11:30 T, Plant Growth Facility 140A, In Person Term Based; Meets With: 002 HORT 1001; Laura Irish ; 4 cr.

56842 003 LAB, 13:15-15:10 T, Plant Growth Facility 140A, In Person Term Based; Meets With: 003 HORT 1001; Laura Irish ; 4 cr.

56843 004 LAB, 9:35-11:30 Th, Plant Growth Facility 140A, In Person Term Based; Meets With: 004 HORT 1001; Laura Irish ; 4 cr.

56844 005 LAB, 13:15-15:10 Th, Plant Growth Facility 140A, In Person Term Based; Meets With: 005 HORT 1001; Laura Irish ; 4 cr.

8007 Extension Horticulture Practicum

(Student Option; Prereq: 9 grad cr in [ag or bio] science, instr consent)
56237 001 FWK, 00:00-00:00 , , In Person Term Based; 1-5 cr.

8090 Graduate Horticultural Research

(Student Option; Prereq: instr consent)
56238 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)
56429 001 LEC, In Person Term Based; 1 cr.

Housing Studies (HSG)

4160H Honors Capstone Project

(A-F only; Prereq: Housing studies honors)
49734 001 LEC, In Person Term Based; Becky Yust ; 2 cr.
49736 003 LEC, In Person Term Based; 2 cr.
49737 004 LEC, In Person Term Based; Ann Ziebarth ; 2 cr.

4193 Directed Study in Housing Studies

(A-F or Audit; Prereq: Undergrad, instr consent)
49738 001 IND, Independent/Directed Study; Becky Yust ; 1-4 cr.
49740 003 IND, Independent/Directed Study; ; 1-4 cr.
49741 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)
49742 001 FWK, Independent/Directed Study; Becky Yust ; 1-4 cr.
49744 003 FWK, Independent/Directed Study; ; 1-4 cr.
49745 004 FWK, Independent/Directed Study; Ann Ziebarth ; 1-4 cr.

4461 Housing Development and Management

(A-F or Audit;)
49951 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)
49746 001 IND, Independent/Directed Study; Becky Yust ; 1-4 cr.
49748 003 IND, Independent/Directed Study; 1-4 cr.
49749 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)
49750 001 LEC, 9:45-11:00 TTh, Hubert H. Humphrey School 184, In Person Term Based; Meets With: 001 PA 5261; Edward Goetz ; 3 cr.

8192 Readings in Housing Studies

(A-F or Audit; Prereq: instr consent)
49751 001 IND, In Person Term Based; Becky Yust ; 1-3 cr.
49753 003 IND, In Person Term Based; 1-3 cr.
49754 004 IND, In Person Term Based; Ann Ziebarth ; 1-3 cr.

8193 Directed Study

(A-F or Audit; Prereq: instr consent)
49755 001 IND, In Person Term Based; Becky Yust ; 1-3 cr.
49757 003 IND, In Person Term Based; 1-3 cr.
49758 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)
49759 001 IND, In Person Term Based; Becky Yust ; 3 cr.
49761 003 IND, In Person Term Based; 3 cr.
49762 004 IND, In Person Term Based; Ann Ziebarth ; 3 cr.

8463 Housing: Race and Class

(A-F or Audit;)
65947 001 LEC, 15:35-18:20 Th, Vincent Hall 364, In Person Term Based; Becky Yust ; 3 cr.

Human Factors (HUMF)

5193 Directed Study in Human Factors and Ergonomics

(A-F only; Prereq: instr consent)
49928 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)
49895 001 LEC, 16:40-20:15 M, Keller Hall 3-125, In Person Term Based; 4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser consent, DGS consent)
49861 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser consent, DGS consent)
49862 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)
49863 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])
49864 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)
49865 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)
57179 002 LEC, 14:30-15:45 TTh, Hanson Hall 1-108, In Person Term Based; Larry Bourgerie ; 3 cr.
57191 020 LEC, 17:45-20:15 W, Hanson Hall 1-102, In Person Term Based; Peter Ronza ; 3 cr.
57379 001 LEC, 11:15-12:30 TTh, Hanson Hall 1-106, In Person Term Based; Amy Simon ; 3 cr.
57380 003 LEC, 16:00-17:15 TTh, Hanson Hall 1-108, In Person Term Based; Amy Simon ; 3 cr.
57425 004 LEC, 9:45-11:00 MW, Hanson Hall 1-108, In Person Term Based; Amy Simon ; 3 cr.

3031 Staffing and Selection: Strategic and Operational Concerns

(Student Option;)
57133 001 LEC, 8:00-9:40 TTh, Carlson School of Mgmt 1-132, In Person Term Based; Junseok Song ; 2 cr.

3032 Training and Development

(Student Option;)
57134 001 LEC, 8:00-9:40 TTh, Carlson School of Mgmt 2-224, In Person Term Based; Junseok Song ; 2 cr.

3071 Union Organizing and Labor Relations

(Student Option;)
57346 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 2-224, In Person Term Based; Amy Livingston ; 2 cr.

3072 Collective Bargaining and Dispute Resolution

(Student Option;)
57347 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt L-122, 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][W])
57287 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;)

65714 070 LEC, Completely Online; Sid Benraouane ; 2 cr.

5222 Managing Diversity

(Student Option; Prereq: HRIR MA student must register A-F, 3021, [CSOM or HRD junior or senior or dept consent])
66354 060 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-127, In Person Term Based; Abdifatah Ali ; 2 cr.

5992 Independent Study in Human Resources and Industrial Relations

(Student Option; Prereq: dept consent or instr consent)
57189 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

6114 Human Resource Information Systems

(A-F only; Prereq: HRIR MA student or dept consent)
57218 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)
57205 060 LEC, 17:45-21:05 M, Carlson School of Mgmt 1-127, In Person Term Based; Tami France ; 2 cr.

6304 Employee Development: Creating a Competitive Advantage

(A-F only; Prereq: 6301 or dept consent)
57348 060 LEC, 17:45-21:05 W, Carlson School of Mgmt 1-142, In Person Term Based; Stacy Doepner-Hove ; 2 cr.

6401 Organizational Theory Foundations of High-Impact HRIR

(A-F only; Prereq: dept consent)
57196 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt 2-213, In Person Term Based; Avner Ben-Ner ; 2 cr.
65716 090 LEC, 17:45-21:05 W, Carlson School of Mgmt 1-135, 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)
57197 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt 2-213, In Person Term Based; Abdifatah Ali ; 2 cr.
67451 090 LEC, 17:45-21:05 W, Carlson School of Mgmt 2-233, In Person Term Based; Abdifatah Ali ; 2 cr.

6444 Employee Motivation, Engagement, and Well-being

(A-F only; Prereq: 6441 or MBA 6110 or dept consent)
57548 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)
57393 050 LEC, 8:00-17:00 F, Carlson School of Mgmt 1-135, 8:00-17:00 F, Carlson School of Mgmt 1-135, 8:00-17:00 F, Carlson School of Mgmt 1-135, In Person Term Based; Theresa Glomb ; 2 cr.
57394 051 LEC, 8:00-17:00 Sa, Carlson School of Mgmt 1-135, 8:00-17:00 Sa, Carlson School of Mgmt 1-135, 8:00-17:00 Sa, Carlson School of Mgmt 1-135, In Person Term Based; Theresa Glomb ; 2 cr.

6484 Management of Teams

(A-F only; Prereq: HRIR grad student.)
57442 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)
57084 001 LEC, 15:45-17:25 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)
57441 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)
57204 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 2-213, In Person Term Based; John Remington, Aaron Sojourner ; 4 cr.

65719 090 LEC, 17:45-21:05 M, Carlson School of Mgmt
2-233, In Person Term Based; Monica Bielski Boris ; 4 cr.

6801 HRIR in Practice: Strategy, Execution, and Ethics

(A-F only; Prereq: [6001, 6111, 6301, 6401, 6441, 6501, 6701] or dept consent)
57215 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)
57403 001 IND, 00:00-00:00 , , In Person Term Based; 1-8
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)
65718 002 LEC, In Person Term Based; Pri Shah ; 2 cr.
67447 001 LEC, In Person Term Based; Avner Ben-Ner ; 2 cr.

8825 Research Practicum/Workshop

(S-N only;)
57311 001 LEC, 00:00-00:00 , , In Person Term Based;
Aaron Sojourner ; 1 cr.

Human Sexuality (HSEX)

6012 Sexual Function and Dysfunction

(A-F or Audit;)
63793 301 LEC, Completely Online; Brian Zamboni ; 3 cr.

6013 Perspectives and Practices in Sexuality Education

(A-F or Audit;)
63794 301 LEC, Completely Online; Michael Ross ; 3 cr.

Industrial Engineering (IE)

3012 Optimization II

(A-F only; Prereq: 3011, ISyE major)
61101 001 LEC, 10:10-12:05 TTh, Keller Hall 3-230, 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)
58904 001 FWK, 00:00-00:00 , , In Person Term Based;
Frank Kelso ; 2 cr.

3521 Statistics, Quality, and Reliability

(Student Option; Prereq: MATH 1372 or equiv)
58758 001 LEC, 9:05-11:00 TTh, Bruininks Hall 220, In
Person Term Based; Guangwen Kong ; 4 cr.
60494 002 LEC, 13:25-15:20 TTh, Keller Hall 3-230, In
Person Term Based; Guangwen Kong ; 4 cr.
60823 883 LEC, 13:25-15:20 TTh, ONLINE, Completely
Online; Guangwen Kong ; 4 cr.

3522 Quality Engineering and Reliability

(A-F only; Prereq: 3521, MATH 2373, MATH 2374, ISyE
major)
60495 001 LEC, 13:25-15:20 MW, Mechanical Engineering
108, 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)
60539 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)
60540 001 LEC, 14:30-16:25 TTh, Bruininks Hall 330, In
Person Term Based; Lisa Miller ; 4 cr.

4043W Industrial Assignment II

(A-F or Audit; Prereq: 3041WI)
58905 001 FWK, 00:00-00:00 , , In Person Term Based;
Frank Kelso ; 4 cr.

4044 Industrial Assignment III

(A-F only; Prereq: IE 4043, registration in ME co-op
program)

67589 001 FWK, In Person Term Based; Frank Kelso ; 2 cr.

4091 Independent Study

(A-F only;)
67631 001 IND, In Person Term Based; 1-4 cr.

4094 Directed Research

(A-F only;)
67627 001 IND, In Person Term Based; 1-4 cr.

4551 Production and Inventory Control

(A-F only; Prereq: 3011, 3521, ISyE major)
60496 001 LEC, 13:25-15:20 TTh, Mechanical Engineering
108, In Person Term Based; Sherwin Doroudi ; 4 cr.

4894H Senior Honors Thesis

(A-F only;)
61129 001 IND, In Person Term Based; 2 cr.

5080 Topics in Industrial Engineering

(Student Option;)
68316 001 LEC, 11:15-13:10 MW, Akerman Hall 227, In
Person Term Based; Diana Negoescu ; 1-4 cr.

5113 Systems Engineering II

(A-F or Audit;)
59951 001 LEC, 18:10-21:30 Th, Keller Hall 3-125, In Person
Term Based; 4 cr.
60172 883 LEC, 18:10-21:30 Th, ONLINE, Primarily Online;
4 cr.

5522 Quality Engineering and Reliability

(Student Option; Prereq: [4521 or equiv], [upper div or
grad student or CNR])
59133 001 LEC, 13:25-15:20 MW, Mechanical Engineering
108, In Person Term Based; Meets With: 001 IE 3522; Lisa
Miller ; 4 cr.
59778 883 LEC, 13:25-15:20 MW, ONLINE, Primarily Online;
4 cr.

5541 Project Management

(A-F only; Prereq: Upper div or grad student)
59131 001 LEC, 18:10-21:30 T, Bruininks Hall 131A, In
Person Term Based; Mimi Wong ; 4 cr.

5545 Decision Analysis

(Student Option; Prereq: 3521 or equiv)
59213 001 LEC, 13:25-15:20 MW, Rapson Hall 58, In Person
Term Based; Darin England ; 4 cr.

5551 Production Planning and Inventory Control

(Student Option; Prereq: CNR or upper div or grad
student)
60219 001 LEC, 13:25-15:20 TTh, Mechanical Engineering
102, In Person Term Based; Behrooz Pourghannad ; 4 cr.
67708 883 LEC, 13:25-15:20 TTh, ONLINE, Completely
Online; Behrooz Pourghannad ; 4 cr.

5553 Simulation

(Student Option; Prereq: Upper div or grad student;
familiarity with probability/statistics recommended)
59214 001 LEC, 18:10-21:30 W, Keller Hall 3-115, In Person
Term Based; Darin England ; 4 cr.
60629 883 LEC, 18:10-21:30 W, ONLINE, Primarily Online;
Darin England ; 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.)
61103 001 LEC, 11:15-13:10 TTh, Mechanical Engineering
108, In Person Term Based; Daniel Mitchell ; 4 cr.
68521 883 LEC, 11:15-13:10 TTh, ONLINE, Completely
Online; Daniel Mitchell ; 4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)
58943 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student,
adviser and DGS consent)
58959 001 IND, In Person Term Based; 1 cr.

8531 Discrete Optimization

(Student Option;)
67856 001 LEC, 13:25-15:20 TTh, Peik Gymnasium G55, In
Person Term Based; Jean-Philippe Richard ; 4 cr.

8534 Advanced Topics in Operations Research

(Student Option; Prereq: 5531, 8532)
68032 001 LEC, 15:35-18:55 Th, Akerman Hall 227, In
Person Term Based; Qie He ; 4 cr.

8552 Advanced Topics in Production, Inventory, and Distribution Systems

(Student Option; Prereq: 5551)
68034 001 LEC, 14:30-17:50 M, Lind Hall 303, In Person
Term Based; Saif Benjaafar ; 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)
58977 001 IND, In Person Term Based; 1-6 cr.

8773 Graduate Seminar

(S-N or Audit;)
58771 001 LEC, 15:35-16:25 W, Bruininks Hall 119, In
Person Term Based; Meets With: 001 IE 8774; 1 cr.

8774 Graduate Seminar

(S-N or Audit; Prereq: 8773)
58772 001 LEC, 15:35-16:25 W, Bruininks Hall 119, In
Person Term Based; Meets With: 001 IE 8773; 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))
58994 001 IND, In Person Term Based; 1-18 cr.

8794 Industrial Engineering Research

(Student Option; Prereq: instr consent)
58768 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)
59014 001 IND, In Person Term Based; 1-24 cr.

Information Networking (INET)

1001 Survey of Information Technology

(A-F or Audit;)
68813 301 LEC, Completely Online; Scott Lee-Eichenwald ;
1 cr.
68813 301 LEC, Completely Online; 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)
63801 001 LEC, 18:00-21:35 Th, Akerman Hall 225, In
Person Term Based; Mark Langanki ; 2 cr.

4002 Foundations of Networking

(A-F or Audit; Prerequisites, but basic knowledge
of computer architecture and operating systems is
recommended. Note that credit will be granted for
either INet 4002 or CSci 4211, but not both.)
67695 001 LEC, 18:00-20:45 W, Bruininks Hall 131A, In
Person Term Based; John Raabe ; 3 cr.

4021 Dev Ops I: Network Programming

(A-F or Audit; Prereq: major admission requirements
completed.)
63548 001 LEC, 18:00-22:00 M, Bruininks Hall 330, In
Person Term Based; Mark Langanki ; 4 cr.

4031 Introduction to Systems

(A-F or Audit; Prereq: Secure knowledge of operating
systems, such as provided by INet 4001 or CSci 4061.)
63549 001 LEC, 18:00-21:35 Th, Appleby Hall 11, In Person
Term Based; Joseph Axberg ; 4 cr.

4051 IT Infrastructure Operations

(A-F or Audit; Prereq: senior; CSCI 4211 or instr
consent)
63715 301 LEC, Completely Online; Mark Langanki, Scott
Lee-Eichenwald ; 3 cr.

4061 Data Science I: Fundamentals

(A-F or Audit; Prereq: Basic statistics and programming skills, laptop)

63685 001 LEC, 18:00-21:35 M, Appleby Hall 102, In Person Term Based; Derrick Malone ; 3 cr.

4082W IT Infrastructure Projects and Processes

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

67696 101 LEC, 18:00-20:45 T, Bruininks Hall 312, Partially Online; Katherine Nguyen ; 3 cr.

4083 Systems II: Analysis and Design

(A-F or Audit; Prereq: INet 4082 or equivalent project management experience)

63622 101 LEC, 18:00-20:45 T, Akerman Hall 317, 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)

63802 001 LEC, 18:00-21:35 Th, Bruininks Hall 512B, 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)

63618 001 LEC, 18:00-20:45 T, Appleby Hall 102, In Person Term Based; Nathan Tymeson ; 3 cr.

4193 Directed Study

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

68487 401 IND, Independent/Directed Study; 1-4 cr.

4596 Internship

(A-F only; Prereq: [ITI major or certificate student], [jr or sr], dept consent)

63619 401 FWK, Independent/Directed Study; 1-3 cr.

63674 402 FWK, 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.)

63796 001 LEC, 18:00-21:35 M, Appleby Hall 11, 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))

63777 001 LEC, 18:00-21:35 T, Bruininks Hall 512B, 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.)

63797 001 LEC, 18:00-21:35 W, Appleby Hall 11, In Person Term Based; Nathan Tymeson ; 4 cr.

Information and Decision Sci (IDSC)

3001 Introduction to Information Technology in Business

(A-F or Audit;)

57358 001 LEC, 11:15-12:30 TTh, Hanson Hall 1-104, In Person Term Based; Timothy Olson ; 3 cr.

57359 002 LEC, 13:00-14:15 MW, Hanson Hall 1-106, In Person Term Based; Timothy Olson ; 3 cr.

57360 003 LEC, 16:00-17:15 MW, Hanson Hall 1-102, In Person Term Based; Timothy Olson ; 3 cr.

57361 020 LEC, 17:45-20:15 T, Hanson Hall 1-102, In Person Term Based; Donald Riley ; 3 cr.

57549 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;)

57267 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt L-117, In Person Term Based; Veronica Marotta ; 2 cr.

57362 002 LEC, 15:45-17:25 MW, Carlson School of Mgmt L-117, In Person Term Based; Veronica Marotta ; 2 cr.

57567 003 LEC, 11:50-13:30 TTh, Carlson School of Mgmt L-117, In Person Term Based; Veronica Marotta ; 2 cr.

3102 Intermediate Programming

(A-F or Audit;)

57268 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt L-117, In Person Term Based; Vedran Lelas ; 2 cr.

57363 002 LEC, 15:45-17:25 MW, Carlson School of Mgmt L-117, In Person Term Based; Vedran Lelas ; 2 cr.

57568 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;)

57269 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt L-117, In Person Term Based; Vedran Lelas ; 2 cr.

57364 002 LEC, 13:45-15:25 TTh, Carlson School of Mgmt L-117, In Person Term Based; Vedran Lelas ; 2 cr.

66161 003 LEC, 15:45-17:25 MW, Carlson School of Mgmt L-118, In Person Term Based; Sandeep Kumar Gangarapu ; 2 cr.

3104 Enterprise Systems

(A-F or Audit; Prereq: 3001)

57270 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 1-143, In Person Term Based; Ken Reilly ; 2 cr.

57465 002 LEC, 15:45-17:25 TTh, Carlson School of Mgmt 2-224, In Person Term Based; Ken Reilly ; 2 cr.

3202 Analysis and Modeling of Business Systems

(A-F or Audit; Prereq: 3001)

57221 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 2-215, In Person Term Based; Ryan Sougstad ; 4 cr.

57365 002 LEC, 8:00- 9:40 MW, Carlson School of Mgmt 2-215, In Person Term Based; Ryan Sougstad ; 4 cr.

4110 Data Engineering for Business Analytics

(A-F only;)

66162 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt L-122, In Person Term Based; Ken Reilly ; 2 cr.

4204W Strategic Information Technology Management

(A-F or Audit; WI)

57312 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt 1-142, In Person Term Based; Ryan Sougstad ; 4 cr.

68284 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;)

57266 001 LEC, 8:00- 9:40 TTh, Carlson School of Mgmt 1-132, In Person Term Based; Timothy Olson ; 2 cr.

57395 002 LEC, 8:00- 9:40 MW, Carlson School of Mgmt 1-132, In Person Term Based; Michael McFarlane ; 2 cr.

57569 003 LEC, 9:55-11:35 TTh, Hanson Hall 1-107, In Person Term Based; Kevin Kuhn ; 2 cr.

4310 Prescriptive Analytics

(A-F only; Prereq: IDSc 4110 & 4210 recommended.)

57550 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)

57570 020 LEC, 17:45-21:05 W, Carlson School of Mgmt L-114, In Person Term Based; Matt Schmidt ; 2 cr.

4444 Descriptive and Predictive Analytics

(A-F only; Prereq: 3001)

57366 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-142, In Person Term Based; Veronica Marotta ; 2 cr.

57571 002 LEC, 15:45-17:25 MW, Carlson School of Mgmt 1-143, In Person Term Based; Veronica Marotta ; 2 cr.

4471 Agile Methods

(A-F only;)

68826 001 LEC, 8:00- 9:40 TTh, Carlson School of Mgmt 2-233, In Person Term Based; 2 cr.

4490 Information Systems Special Topics

(A-F or Audit;)

68485 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt L-117, In Person Term Based; Ken Reilly ; 2 cr.

4491 Independent Study in Information Systems

(A-F only; Prereq: instr consent)

57409 001 IND, 00:00-00:00 , , In Person Term Based; Ken Reilly ; 1-4 cr.

6003 Accounting and Information Systems

(A-F only;)

57501 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.)

57507 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;)

57563 070 LEC, Completely Online; Soumya Sen ; 2 cr.

6423 Enterprise Systems

(A-F only;)

57186 060 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-132, In Person Term Based; Kevin Kuhn ; 2 cr.

6444 Business Analytics for Managers I

(A-F only; Prereq: [6040 or 6050 or MBA 6240], MBA student)

57293 060 LEC, 17:45-21:05 M, Carlson School of Mgmt 1-132, In Person Term Based; Daniel Goldner ; 2 cr.

57564 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-143, In Person Term Based; Daniel Goldner ; 2 cr.

6446 Business Analytics for Managers II

(A-F only;)

57388 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)

57294 060 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-143, In Person Term Based; Mani Subramani ; 4 cr.

8531 Organizational Theory and Research in Information Systems

(A-F only; Prereq: PhD student in Business Administration)

65721 001 LEC, In Person Term Based; Mani Subramani ; 3 cr.

8541 Introduction to Economics of Information Systems

(A-F only; Prereq: PhD student in Business Administration or instr consent)

66866 001 LEC, In Person Term Based; 3 cr.

8801 Research Seminar in Information and Decision Sciences

(Student Option; Prereq: Business Admin PhD student or instr consent)

65722 001 LEC, In Person Term Based; Yuqing Ren ; 2 cr.

8892 Readings in Information and Decision Sciences

(S-N only; Prereq: Business admin PhD student or instr consent)

57083 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

Insurance and Risk Management (INS)

4100 Corporate Risk Management

(Student Option;)

57137 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;)

57426 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;)

57201 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;)

63724 001 LEC, 17:00-20:00 M, Ruttan Hall B30, In Person Term Based; Keyur Desai ; 3 cr.

6021 Methods and Models III: Synthesis Seminar in Client Centered Care

(A-F only;)
63799 001 LEC, 17:30-21:00 W, No Room Required, 17:30-21:00 W, No Room Required, 17:30-21:00 W, No Room Required, 17:30-21:00 W, No Room Required, 17:30-21:00 W, No Room Required, 17:30-21:00 W, No Room Required, In Person Term Based; Ian McLoone ; 2 cr.

6022 Foundations of Psychological Assessment

(A-F only;)
63766 101 LEC, 9:00-17:00 Sa, McNeal Hall 144, 9:00-17:00 Sa, McNeal Hall 144, 9:00-17:00 Sa, McNeal Hall 144, 9:00-17:00 Sa, McNeal Hall 144, Partially Online; Jennifer Weigelt ; 2 cr.

6031 Methods and Models IV: Trauma and Anxiety, Assessment and Treatment Intervention

(A-F only;)
63750 001 LEC, 17:20-19:20 Th, Ruttan Hall B22, In Person Term Based; Roy John Sutherland ; 2 cr.

6061 Applied Advanced Diagnostics I

(A-F only;)
63742 001 LEC, 17:30-19:10 T, No Room Required, In Person Term Based; Cindy Morey ; 2 cr.

6071 Advanced Professional Issues: Ethics

(A-F only;)
63725 001 LEC, 16:00-19:40 M, Ruttan Hall B36, In Person Term Based; Laura Boisen ; 3 cr.

6091 Intersection of Career and Mental Health

(A-F only;)
63726 101 LEC, 17:30-21:00 T, Magrath Library 4, 17:30-21:00 T, Magrath Library 4, 17:30-21:00 T, Magrath Library 4, 17:30-21:00 T, Magrath Library 4, 17:30-21:00 T, Magrath Library 4, Partially Online; Fiyyaz Karim ; 2 cr.

6101 Family Dynamics and Therapy

(A-F only;)
67890 001 LEC, 17:30-20:00 Th, Ruttan Hall B36, In Person Term Based; Ann Becher-Ingwolson ; 3 cr.

6111 Research and Evaluation Methods

(A-F only;)
63763 001 LEC, 16:00-19:30 T, Ruttan Hall B42, In Person Term Based; Jennifer Weigelt ; 3 cr.

6121 Professional Seminar 2: Portfolio Development

(S-N only;)
63764 001 LEC, 17:30-20:00 T, Lrng & Environmental Sci 140A, 17:30-20:00 T, Lrng & Environmental Sci 140A, 17:30-20:00 T, Lrng & Environmental Sci 140A, 17:30-20:00 T, Lrng & Environmental Sci 140A, 17:30-20:00 T, Lrng & Environmental Sci 140A, In Person Term Based; Fiyyaz Karim ; 1 cr.

6230 Clinical Application in Prolonged Exposure Therapy

(A-F only;)
68506 001 LEC, 17:30-19:30 W, No Room Required, In Person Term Based; Roy John Sutherland ; 3 cr.

6233 DBT Skills Training: Group Practices and Treatment Modalities

(A-F only;)
67506 001 LEC, 17:30-19:30 M, Magrath Library 6, In Person Term Based; Patrice Lauer ; 2 cr.

6910 Topics in Integrated Behavioral Health

(A-F only;)
68123 101 DIS, Study Abroad; Ann Becher-Ingwolson ; 1-4 cr.

6993 Directed Study in Integrated Behavioral Health

(A-F only; Prereq: Must be admitted IBH student, dept consent)
63754 001 IND, In Person Term Based; 1-3 cr.

6996 Internship for Integrated Behavioral Health

(S-N only; Prereq: dept consent)
63723 301 FWK, 8:00-9:30 M, ONLINE, Completely Online; Ann Becher-Ingwolson ; 1-4 cr.
63747 302 FWK, 10:00-11:30 M, ONLINE, Completely Online; Ann Becher-Ingwolson ; 1-4 cr.

8002 Portfolio Review

(S-N only;)
63765 001 IND, Independent/Directed Study; Debra Wamsley ; 1 cr.
68065 002 IND, Independent/Directed Study; Debra Wamsley ; 1 cr.

Inter-College Program (ICP)**3093 Directed Study**

(A-F only; Prereq: instr consent)
63562 401 IND, Independent/Directed Study; Kathy Marshall ; 1-15 cr.

Interdepartmental Study (ID)**2201 Career Kickstarter: Building Career Experiences as a Second-Year Student**

(Student Option No Audit;)
55651 004 DIS, 16:00-17:15 Th, Bruininks Hall 530A, In Person Term Based; Abby Trout ; 1 cr.
55652 006 DIS, 8:15-9:30 T, Bruininks Hall 530B, In Person Term Based; Abby Trout ; 1 cr.
55653 007 DIS, 11:15-12:30 F, Bruininks Hall 530B, In Person Term Based; Abby Trout ; 1 cr.

3101 Major and Career Exploration for Transfer Students

(Student Option;)
54416 003 LEC, 14:30-16:25 M, Bruininks Hall 123, In Person Term Based; Abby Trout ; 2 cr.
54738 002 LEC, 12:20-14:15 Th, Akerman Hall 227, In Person Term Based; Abby Trout ; 2 cr.

3201 Career Planning

(Student Option;)
53063 003 DIS, 10:10-12:05 F, Kolthoff Hall 139, In Person Term Based; Abby Trout ; 2 cr.
54581 002 DIS, 10:10-12:05 W, Kolthoff Hall 140, In Person Term Based; Abby Trout ; 2 cr.
54582 005 DIS, 12:20-14:15 T, Kolthoff Hall 140, In Person Term Based; Abby Trout ; 2 cr.
55317 004 DIS, 10:10-12:05 T, Kolthoff Hall 138, In Person Term Based; Abby Trout ; 2 cr.
67546 006 DIS, 14:30-16:25 Th, Wulling Hall 240, In Person Term Based; Abby Trout ; 2 cr.

3205 Law School Exploration

(Student Option;)
54520 001 LEC, 10:10-12:05 W, Bruininks Hall 121, In Person Term Based; Erin Reichelt ; 2 cr.

3896 Internship Reflection: Making Meaning of Your Experience

(Student Option; Prereq: dept consent)
54095 001 DIS, 00:00-00:00 , ONLINE, Completely Online; Charlene Myers ; 1 cr.

3993 Directed Study

(Student Option; Prereq: instr consent, dept consent, college consent.)
52230 001 IND, 00:00-00:00 , , In Person Term Based; Paul Timmins, Joyce Halverson ; 1-4 cr.
53676 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)
52637 001 IND, In Person Term Based; 1-7 cr.

8300 Directed Research

(Student Option; Prereq: InAr grad major or instr consent)
52638 001 IND, In Person Term Based; 1-7 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
52795 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
52819 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)
52844 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))
52863 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)
52896 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;)
61799 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)
61831 001 DIS, In Person Term Based; 1 cr.

6804 Essentials of Clinical Medicine Part 2

(P-N only;)
61858 001 LEC, 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, 13:25-17:30 TTh, Phillips-Wangenstn Bldg 2-470, In Person Term Based; 3 cr.

6807 Essentials of Clinical Medicine Part 3C

(P-N only;)
61862 001 FWK, 8:00-12:05 W, Moos Health Sci Tower 2-650, 13:25-17:30 W, Moos Health Sci Tower 2-650, 8:00-12:05 W, Moos Health Sci Tower 2-650, In Person Term Based; 5 cr.

6809 Human Health & Disease - Rheum, Derm & Opth, Ortho & Otol

(P-N only;)
61922 001 LEC, In Person Term Based; 4 cr.

6810 Human Health & Disease - Renal & Endo/Repro

(P-N only;)
61863 001 LEC, 8:00-12:05 MTF, Moos Health Sci Tower 2-650, 13:25-17:30 TTh, Moos Health Sci Tower 2-650, 8:00-12:05 Th, Moos Health Sci Tower 2-650, 11:15-12:05 Th, Moos Health Sci Tower 2-650, 7:30-12:05 Th, Moos Health Sci Tower 2-650, In Person Term Based; 5 cr.

6812 Micro Biology and Immunology

(P-N only;)
61859 001 LEC, 8:00-12:05 MThF, Phillips-Wangenstn Bldg 2-470, 8:00-12:05 T, Phillips-Wangenstn Bldg 2-470, 13:25-17:30 MW, Phillips-Wangenstn Bldg 2-470, 11:15-12:05 T, Phillips-Wangenstn Bldg 2-470, 8:00-12:05 MWF, Phillips-Wangenstn Bldg 2-470, 8:00-12:05 MThF, Phillips-Wangenstn Bldg 2-470, 13:25-17:30 MW, Phillips-Wangenstn Bldg 2-470, 8:00-12:05 MThF, Phillips-Wangenstn Bldg 2-470, 8:00-12:05 MThF, Phillips-Wangenstn Bldg 2-470, 13:25-17:30 MW, Phillips-Wangenstn Bldg 2-470, 7:30-12:05 MWF, Phillips-Wangenstn Bldg 2-470, In Person Term Based; 4 cr.

6813 Neuroscience

(P-N only;)
61860 001 LEC, In Person Term Based; 3 cr.
61906 002 LAB, In Person Term Based; 3 cr.

6814 Physiology

(P-N only;)

61861 001 LEC, In Person Term Based; 3 cr.

**6823 Human Health & Disease -
Neurology, Psychiatry, Otolaryngology,
Ophthalmology**

(P-N only;)

62216 001 LEC, 8:00-12:05 MTF, Moos Health Sci Tower
2-650, 13:25-17:30 TTh, Moos Health Sci Tower 2-650,
11:15-12:05 Th, Moos Health Sci Tower 2-650, 8:00-11:00
Th, Moos Health Sci Tower 2-650, 7:30-12:05 Th, Moos
Health Sci Tower 2-650, In Person Term Based; ; 4 cr.**6825 Foundations of Clinical Thinking 1B**

(P-N only;)

67053 001 DIS, In Person Term Based; 1 cr.

7000 Interdisciplinary Research

(H-N only;)

61692 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)

61827 001 IND, Independent/Directed Study; 2-6 cr.

7101 Becoming a Doctor I

(P-N only;)

64856 002 DIS, Primarily Online; Andrew Olson, Johannah
Scheurer ; 1 cr.**7102 Becoming a Doctor II**

(P-N only;)

62493 001 DIS, 8:00-17:00 TWThF, AHC ROOM TBA, In
Person Term Based; Andrew Olson, Johannah Scheurer ;
1 cr.64855 002 DIS, Primarily Online; Andrew Olson, Johannah
Scheurer ; 1 cr.**7103 Becoming a Doctor III**

(P-N only;)

64854 002 DIS, Primarily Online; Andrew Olson, Johannah
Scheurer ; 1 cr.**7104 Becoming a Doctor IV**

(P-N only;)

64853 002 DIS, Primarily Online; Andrew Olson, Johannah
Scheurer ; 1 cr.66170 001 DIS, 8:00-17:00 TWThF, AHC ROOM TBA, In
Person Term Based; Andrew Olson, Johannah Scheurer ;
1 cr.**7114 REACH LIC Ob/Gyn**

(H-N only;)

68411 001 ROT, In Person Term Based; 4 cr.

7117 REACH LIC Emergency Medicine

(H-N only;)

68412 003 ROT, In Person Term Based; 4 cr.

**7118 REACH LIC QI/Population Health
Elective**

(H-N only;)

68413 002 ROT, In Person Term Based; 3 cr.

7119 REACH LIC Plus - Elective

(H-N only;)

68414 041 ROT, In Person Term Based; 2-4 cr.

68840 043 ROT, In Person Term Based; ; 2-4 cr.

68841 044 ROT, In Person Term Based; ; 2-4 cr.

68842 045 ROT, In Person Term Based; ; 2-4 cr.

68843 046 ROT, In Person Term Based; ; 2-4 cr.

**7205 Rural Physician Associate Program
(RPAP): Obstetrics and Gynecology**

(H-N only;)

68415 002 ROT, In Person Term Based; 4 cr.

7214 MetroPAP: OB/Gyn

(H-N only;)

61938 021 ROT, In Person Term Based; 4 cr.

68416 002 ROT, In Person Term Based; ; 4 cr.

7218 MetroPAP: Psychiatry Externship

(H-N only;)

68417 004 ROT, In Person Term Based; 4 cr.

**7220 MetroPAP Primary Care Introduction
Clerkship**

(P-N only;)

62268 001 ROT, In Person Term Based; 5 cr.

**7221 MetroPAP Primary Care Intermediate
Clerkship**

(P-N only;)

62269 003 ROT, In Person Term Based; 5 cr.

7223 RPAP Primary Care Introduction

Clerkship

(P-N only;)

62270 001 ROT, In Person Term Based; 5 cr.

7224 RPAP Primary Care Intermediate

Clerkship

(P-N only;)

62271 003 ROT, In Person Term Based; 5 cr.

7310 VAMC LIC - Medicine I (VALUE)

(H-N only;)

61941 024 ROT, In Person Term Based; 8 cr.

**7314 VAMC LIC - Primary Care Selective -
Internal Medicine (VALUE)**

(H-N only;)

61942 002 ROT, In Person Term Based; 4 cr.

7317 VAMC LIC - QI/ Interprofessional

Patient Care (VALUE)

(H-N only;)

62272 001 ROT, In Person Term Based; 6 cr.

7319 VAMC LIC Radiology

(H-N only;)

62494 031 ROT, In Person Term Based; 2 cr.

7321 VAMC LIC - Anesthesia

(H-N only;)

68418 032 ROT, In Person Term Based; 2 cr.

7322 VAMC LIC - Internal Medicine

Subspecialty

(H-N only;)

68419 032 ROT, In Person Term Based; 2 cr.

7355 HCMC LIC Obstetrics & Gynecology

(H-N only;)

62495 001 ROT, In Person Term Based; 4 cr.

7356 HCMC LIC Pediatrics

(H-N only;)

62496 002 ROT, In Person Term Based; 4 cr.

7357 HCMC LIC Health Disparities/Social

Determinants

(P-N only;)

62497 003 ROT, In Person Term Based; 4 cr.

7358 HCMC LIC Emergency Medicine

(H-N only;)

62498 004 ROT, In Person Term Based; 4 cr.

**7413 Education in Pediatrics Across the
Continuum LIC ? Neurology**

(P-N only;)

62104 017 ROT, In Person Term Based; 4 cr.

**7414 Education in Pediatrics Across the
Continuum LIC ? Primary Care Selective**

(P-N only;)

61945 003 ROT, In Person Term Based; 4 cr.

**7415 Education in Pediatrics Across the
Continuum LIC ? Family Medicine**

(P-N only;)

61947 002 ROT, In Person Term Based; 4 cr.

**7418 Education in Pediatrics Across the
Continuum LIC ? Emergency Medicine**

(P-N only;)

61946 001 ROT, In Person Term Based; 4 cr.

**7421 Education in Pediatrics Across the
Continuum LIC - Enrichment Elective**

(P-N only;)

64845 001 ROT, In Person Term Based; 2-8 cr.

**7422 Education in Pediatrics Across the
Continuum - Independent Study**

(P-N only;)

62105 014 IND, In Person Term Based; 2-8 cr.

62499 003 IND, In Person Term Based; 2-8 cr.

**7423 Education in Pediatrics Across
the Continuum - Medical Education
Independent Study**

(P-N only;)

62069 004 IND, In Person Term Based; 12 cr.

7450 Hospice & Palliative Care

(H-N only;)

62106 001 ROT, In Person Term Based; 4 cr.

62107 002 ROT, In Person Term Based; 4 cr.

62108 003 ROT, In Person Term Based; 4 cr.

62500 004 ROT, In Person Term Based; 4 cr.

**7523 Occupational and Environmental
Medicine Elective**

(H-N only;)

62063 001 ROT, In Person Term Based; 4 cr.

62064 002 ROT, In Person Term Based; 4 cr.

62065 003 ROT, In Person Term Based; 4 cr.

62066 004 ROT, In Person Term Based; 4 cr.

**7540 Ambulatory Clinic for the Physician-
Scientist**

(H-N or Audit; Prereq: Med student)

61772 001 ROT, 00:00-00:00 , , In Person Term Based; 1-6
cr.**7552 Traditional Indian Medicine Clerkship**

(H-N or Audit; Prereq: Med student, dept consent)

61706 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)

61795 001 ROT, In Person Term Based; 2-8 cr.

7555 Elective Away for Credit

(H-N only;)

61659 099 ROT, 00:00-00:00 , , In Person Term Based; 2-8
cr.**7565 Global Health Abroad**

(P-N only;)

61707 085 ROT, In Person Term Based; 4-8 cr.

62109 086 ROT, In Person Term Based; 4-8 cr.

62110 001 ROT, In Person Term Based; 4-8 cr.

62111 002 ROT, In Person Term Based; 4-8 cr.

62112 003 ROT, In Person Term Based; 4-8 cr.

62113 004 ROT, In Person Term Based; 4-8 cr.

68420 032 ROT, In Person Term Based; ; 4-8 cr.

7579 Rural Hawaii Public Health Elective

(H-N only;)

61766 001 FWK, In Person Term Based; 2-6 cr.

7580 Integrative Healing in Hawaii

(H-N only;)

61857 022 ROT, In Person Term Based; 2 cr.

7900 Flexible MD Independent Study(P-N only; Prereq: Registered medical student
accepted into FlexMD Program)

62501 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)

62114 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)

62115 023 IND, In Person Term Based; 3-6 cr.

7910 ICU Sub-Internship - MICU

(H-N only;)

62149 001 ROT, In Person Term Based; 4 cr.

62150 002 ROT, In Person Term Based; 4 cr.

62151 003 ROT, In Person Term Based; 4 cr.

62152 004 ROT, In Person Term Based; 4 cr.

7911 ICU Sub-Internship - SICU

(H-N only;)

62153 001 ROT, In Person Term Based; 4 cr.

62154 002 ROT, In Person Term Based; 4 cr.

62155 003 ROT, In Person Term Based; 4 cr.

62156 004 ROT, In Person Term Based; 4 cr.

7912 ICU Sub-Internship - PICU

(H-N only;)

62157 001 ROT, In Person Term Based; 4 cr.
 62158 002 ROT, In Person Term Based; 4 cr.
 62159 003 ROT, In Person Term Based; 4 cr.
 62160 004 ROT, In Person Term Based; 4 cr.

7913 ICU Sub-Internship - NICU

(H-N only;)

62161 001 ROT, In Person Term Based; 4 cr.
 62162 002 ROT, In Person Term Based; 4 cr.
 62163 003 ROT, In Person Term Based; 4 cr.
 62164 004 ROT, In Person Term Based; 4 cr.

7914 ICU Sub-Internship ? Gen Med Wards

(H-N only;)

62165 001 ROT, In Person Term Based; 4 cr.
 62166 002 ROT, In Person Term Based; 4 cr.
 62167 003 ROT, In Person Term Based; 4 cr.
 62168 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)

49763 001 LAB, 8:30-11:30 MW, McNeal Hall 470, In Person Term Based; Stephanie Zollinger; 4 cr.
 49883 002 LAB, 11:45-14:45 MW, McNeal Hall 470, In Person Term Based; ; 4 cr.
 49921 003 LAB, 15:00-18:00 MW, McNeal Hall 470, In Person Term Based; 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)

49764 001 FWK, Independent/Directed Study; Abimbola Asojo; 1-4 cr.
 49765 002 FWK, Independent/Directed Study; Tasoulla Hadjiyanni; 1-4 cr.
 49766 004 FWK, Independent/Directed Study; Stephanie Zollinger; 1-4 cr.
 68072 003 FWK, In Person Term Based; Genell Ebbini; 1-4 cr.

2604 Interior Design Studio IV

(A-F or Audit; Prereq: [2603 or DHA 2603], 2613)

49897 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)

49847 001 LEC, 12:50-14:45 TTh, McNeal Hall 475, In Person Term Based; Meghan Hendrickson; 4 cr.

2622 Computer Applications I

(A-F only; Prereq: Interior design major)

49848 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)

49811 001 LEC, 10:40-12:35 MW, McNeal Hall 316, In Person Term Based; Tasoulla Hadjiyanni; 4 cr.

3605 Interior Design Studio V

(A-F only;)

49839 001 LAB, 9:35-12:35 TTh, McNeal Hall 233, In Person Term Based; Bill Hickey; 4 cr.

4160H Honors Capstone Project

(A-F only; Prereq: Interior design honors)

49768 001 LEC, In Person Term Based; Abimbola Asojo; 2 cr.
 49769 002 LEC, In Person Term Based; Tasoulla Hadjiyanni; 2 cr.
 49770 004 LEC, In Person Term Based; Stephanie Zollinger; 2 cr.

4193 Directed Study in Interior Design

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

49771 001 IND, Independent/Directed Study; Abimbola Asojo; 1-4 cr.
 49772 002 IND, Independent/Directed Study; Tasoulla Hadjiyanni; 1-4 cr.
 49773 004 IND, Independent/Directed Study; Stephanie Zollinger; 1-4 cr.

4196 Internship in Interior Design

(S-N or Audit; Prereq: 3606, instr consent)

49774 001 FWK, Independent/Directed Study; Abimbola Asojo; 1 cr.
 49775 002 FWK, Independent/Directed Study; Tasoulla Hadjiyanni; 1 cr.
 49776 004 FWK, Independent/Directed Study; Stephanie Zollinger; 1 cr.
 49971 005 FWK, In Person Term Based; Genell Ebbini; 1 cr.
 68685 003 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-)

49777 001 LAB, 8:30-11:30 TTh, McNeal Hall 395, In Person Term Based; Meghan Hendrickson; 4 cr.

4616 Sustainable Commercial Interior Design

(A-F or Audit;)

65868 001 LEC, 18:15-21:00 T, McNeal Hall 316, In Person Term Based; Genell Ebbini; 3 cr.

5193 Directed Study in Interior Design

(A-F or Audit; Prereq: Jr or sr or grad student)

49778 001 IND, Independent/Directed Study; Abimbola Asojo; 1-4 cr.
 49779 002 IND, Independent/Directed Study; Tasoulla Hadjiyanni; 1-4 cr.
 49780 004 IND, Independent/Directed Study; Stephanie Zollinger; 1-4 cr.

8192 Readings in Interior Design

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

49781 001 IND, In Person Term Based; Abimbola Asojo; 1-3 cr.
 49782 002 IND, In Person Term Based; Tasoulla Hadjiyanni; 1-3 cr.
 49783 004 IND, In Person Term Based; Stephanie Zollinger; 1-3 cr.

8193 Directed Study

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

49784 001 IND, In Person Term Based; Abimbola Asojo; 1-3 cr.
 49785 002 IND, In Person Term Based; Tasoulla Hadjiyanni; 1-3 cr.
 49786 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)

49787 001 IND, In Person Term Based; Abimbola Asojo; 3 cr.
 49788 002 IND, In Person Term Based; Tasoulla Hadjiyanni; 3 cr.
 49789 004 IND, In Person Term Based; Stephanie Zollinger; 3 cr.

International Business (IBUS)**3010 Introduction to Global****Entrepreneurship**

(A-F only;)

57533 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)

57292 001 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-114, In Person Term Based; 4 cr.

3033W Business Communication in Spain

(A-F only; WI)

57352 001 LEC, 11:15-12:30 TTh, Carlson School of Mgmt 1-136, In Person Term Based; Holly Littlefield; 4 cr.

3055 Innovating with Technology: Global IT**Entrepreneurship in Action**

(A-F only;)

67286 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt L-118, In Person Term Based; Soumya Sen, Steve Spruth; 4 cr.

4082W Brand Management

(A-F only; Prereq: MKTG 3010, MKTG 3040WI)

57288 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt 1-127, In Person Term Based; Jay Lipe; 4 cr.

5122 Global Banking in China

(A-F only;)

68727 001 LEC, Study Abroad; 4 cr.

5400 Global Business Practicum

(A-F only; Prereq: approved application)

57432 003 LEC, 00:00-00:00 , , In Person Term Based; 4 cr.

6997 MILI Global Valuation Lab

(A-F only;)

57534 001 FWK, Study Abroad; 4 cr.

Introduced Species, Genotypes (ISG)**5020 Risk Analysis Modeling for****Introduced Species and Genotypes**

(S-N only; Prereq: [5010 or equiv], instr consent)

56627 001 LEC, 9:00-17:00 TWThF, Room TBA, In Person Term Based; David Andow; 1 cr.

8001 Discussions in Introduced Species and Genotypes

(S-N only;)

56638 001 DIS, 8:00- 8:50 W, Ruttan Hall 143, In Person Term Based; 1 cr.

Italian (ITAL)**1001 Beginning Italian I**

(Student Option;)

53229 001 DIS, 10:10-11:00 MTWThF, Folwell Hall 121, In Person Term Based; 5 cr.
 53230 002 DIS, 13:25-14:15 MTWThF, Folwell Hall 118, In Person Term Based; 5 cr.
 53231 003 DIS, 16:40-18:45 MTh, Folwell Hall 106, In Person Term Based; 5 cr.

1002 Beginning Italian II

(Student Option; Prereq: 1001 or instr consent)

52547 002 DIS, 13:25-14:15 MTWThF, Folwell Hall 28, In Person Term Based; 5 cr.
 52549 004 DIS, 10:10-11:00 MTWThF, Vincent Hall 213, In Person Term Based; Meets With: 004 ITAL 4002; 5 cr.
 52686 001 DIS, 12:20-13:10 MTWThF, Peik Hall 165, In Person Term Based; 5 cr.

1003 Intermediate Italian I

(Student Option;)

53279 001 DIS, 13:25-14:15 MTWThF, Folwell Hall 6, In Person Term Based; 5 cr.
 55674 002 DIS, 11:15-12:05 MTWThF, Kolthoff Hall 133, In Person Term Based; 5 cr.

1004 Intermediate Italian II

(Student Option; Prereq: ITAL 1003)

52555 002 DIS, 16:40-18:45 MTh, Folwell Hall 112, In Person Term Based; 5 cr.
 52557 001 DIS, 11:15-12:05 MTWThF, Folwell Hall 30, In Person Term Based; 5 cr.

3015 Reading, Conversation, and**Composition**

(Student Option; Prereq: 1004)

53205 001 DIS, 11:15-12:55 TTh, Folwell Hall 119, In Person Term Based; 4 cr.

3459W Senior Project

(Student Option; Prereq: completion of pre-requisite for major (3015) and eight electives for the sum of 30 creditsWI)

53966 001 IND, 00:00-00:00 , , Independent/Directed Study; 2 cr.

3640 Topics in Italian Studies

(Student Option; Prereq: 3015 or instr consent)

68317 001 LEC, 9:45-12:30 F, Folwell Hall 28, In Person Term Based; Susanna Ferlito; 3 cr.

4002 Beginning Italian for Graduate**Research II**

(Student Option; Prereq: instr consent)

68586 004 DIS, 10:10-11:00 MTWThF, Vincent Hall 213, In Person Term Based; Meets With: 004 ITAL 1002; 5 cr.

4307 Novellistica

(Student Option; Prereq: 3015, 3201 or permission from the Italian DUS)

66608 001 DIS, 13:00-14:15 TTh, Folwell Hall 108, In Person Term Based; Susan Noakes ; 3 cr.

4970 Directed Readings

(Student Option; Prereq: instr consent)
52411 001 IND, In Person Term Based; 1-4 cr.
53354 002 IND, In Person Term Based; 1-4 cr.
53355 003 IND, In Person Term Based; 1-4 cr.

5289 The Narrow Door: Women Writers and Feminist Practices in Italian Literature and Culture

(Student Option;)
67004 001 LEC, 12:30-15:00 W, Peik Gymnasium G65, In Person Term Based; Susanna Ferlito ; 4 cr.

5970 Directed Readings

(Student Option; Prereq: instr consent)
52412 001 IND, In Person Term Based; 1-4 cr.
53349 002 IND, In Person Term Based; 1-4 cr.
53356 003 IND, In Person Term Based; 1-4 cr.

8992 Directed Readings

(Student Option; Prereq: instr consent)
52413 001 IND, In Person Term Based; 1-4 cr.
53357 002 IND, In Person Term Based; 1-4 cr.
53358 003 IND, In Person Term Based; 1-4 cr.

Japanese (JPN)

1012 Beginning Japanese II

(Student Option No Audit; Prereq: 1011)
54665 001 LEC, 9:05-9:55 MTWThF, Folwell Hall 32, In Person Term Based; Meets With: 001 JPN 4002; Nana Onishi ; 5 cr.
54666 002 LEC, 10:10-11:00 MTWThF, Folwell Hall 31, In Person Term Based; Meets With: 002 JPN 4002; Marnie Jorenby ; 5 cr.
54667 003 LEC, 11:15-12:05 MTWThF, Folwell Hall 120, In Person Term Based; Meets With: 003 JPN 4002; Marnie Jorenby ; 5 cr.
54668 004 LEC, 11:15-12:05 MTWThF, Folwell Hall 106, In Person Term Based; Meets With: 004 JPN 4002; Michiko Buchanan ; 5 cr.
54669 005 LEC, 12:20-13:10 MTWThF, Folwell Hall 10, In Person Term Based; Meets With: 005 JPN 4002; Fumiko Matsumoto ; 5 cr.
54670 006 LEC, 13:25-14:15 MTWThF, Folwell Hall 121, In Person Term Based; Meets With: 006 JPN 4002; Keiko Emmett ; 5 cr.
54671 007 LEC, 14:30-15:20 MTWThF, Folwell Hall 10, In Person Term Based; Meets With: 007 JPN 4002; Fumiko Matsumoto ; 5 cr.
54672 050 LEC, 16:40-19:00 TTh, Folwell Hall 16, In Person Term Based; Meets With: 050 JPN 4002; Keiko Emmett ; 5 cr.
66668 008 LEC, 15:35-16:25 MTWThF, Folwell Hall 31, In Person Term Based; Meets With: 008 JPN 4002; Fumiko Matsumoto ; 5 cr.

3022 Intermediate Japanese II

(Student Option No Audit; Prereq: 3021 or instr consent)
52620 002 LEC, 11:15-12:05 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 002 JPN 4004; Ayumi Mita ; 5 cr.
53037 001 LEC, 10:10-11:00 MTWThF, Folwell Hall 10, In Person Term Based; Meets With: 001 JPN 4004; Ayumi Mita ; 5 cr.
54002 003 LEC, 12:20-13:10 MTWThF, Folwell Hall 13, In Person Term Based; Meets With: 003 JPN 4004; Nana Onishi ; 5 cr.
54212 004 LEC, 13:25-14:15 MTWThF, Folwell Hall 103, In Person Term Based; Meets With: 004 JPN 4004; Kenichi Tazawa ; 5 cr.
54549 050 LEC, 16:40-19:00 TTh, Folwell Hall 13, In Person Term Based; Meets With: 050 JPN 4004; Kenichi Tazawa ; 5 cr.

3032 Third Year Japanese II

(Student Option No Audit; Prereq: 3031 or instr consent)
54841 001 LEC, 9:05-9:55 MTWTh, Folwell Hall 3, In Person Term Based; Meets With: 001 JPN 4006; Keiko Kawakami ; 4 cr.
54876 002 LEC, 10:10-11:00 MTWTh, Folwell Hall 3, In Person Term Based; Meets With: 002 JPN 4006; Keiko Kawakami ; 4 cr.
54877 003 LEC, 14:30-15:20 MTWTh, Folwell Hall 122, In Person Term Based; Meets With: 003 JPN 4006; Keiko Kawakami ; 4 cr.

3290 Japanese Language Teaching Tutorial

(S-N only; Prereq: Grade of A in 4042)
54134 001 FWK, In Person Term Based; Michiko Buchanan ; 1 cr.

4042 Advanced Japanese Conversation and Composition II

(Student Option; Prereq: 4041 or instr consent)
53859 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)
55876 001 LEC, 13:00-14:15 TTh, Ford Hall 110, In Person Term Based; Meets With: 001 ENGL 3011; Natan Paradise ; 3 cr.

3115 Midrash: Reading and Retelling the Hebrew Bible

(Student Option;)
68492 001 LEC, 17:30-20:00 W, Nicholson Hall 125, In Person Term Based; Meets With: 001 JWST 5115001 RELS 5115001 CNES 3115001 RELS 3115001 CNES 5115; Ryan Dulkan ; 3 cr.

3205 Women, Gender, and the Hebrew Bible

(Student Option; AH)
66813 001 LEC, 11:15-12:30 TTh, Burton Hall 120, In Person Term Based; Meets With: 001 CNES 3205001 RELS 3205; Hanne Levinson ; 3 cr.

3206 Sex, Murder, and Bodily Discharges: Purity and Pollution in the Ancient World

(Student Option;)
68300 001 DIS, 13:00-14:15 MW, Appleby Hall 103, In Person Term Based; Meets With: 001 CNES 3206001 RELS 3206001 ANTH 3206; Patricia Ahearne-Kroll ; 3 cr.

3502 Ancient Israel: From Conquest to Exile

(Student Option; Prereq: Knowledge of Hebrew not required, 3501 recommended)
67786 001 LEC, 11:15-12:30 TTh, Blegen Hall 140, In Person Term Based; Meets With: 001 HIST 3502001 CNES 3502001 RELS 3502001 CNES 5502; Eva von Dassow ; 3 cr.

3504 Apocalypticism, Cosmic Warfare, and the Maccabees: Jewish Strategies of Resistance in Antiquity

(Student Option;)
55705 001 LEC, 13:15-14:15 TTh, Nicholson Hall 315, In Person Term Based; Meets With: 001 CNES 3504001 RELS 3504; Patricia Ahearne-Kroll ; 3 cr.

3511 Muslims and Jews: Conflict and Co-existence in the Middle East and North Africa since 1700

(Student Option; GP,HIS)
67678 001 LEC, 13:00-14:15 TTh, Blegen Hall 110, In Person Term Based; Meets With: 001 HIST 3511001 RELS 3079; Daniel Schroeter ; 3 cr.

3515 Multiculturalism in Modern Israel: how communities, ideologies, and identities intersect

(Student Option; GP)
66950 001 LEC, 14:30-15:45 MW, Nicholson Hall 145, In Person Term Based; Meets With: 001 CNES 3515; Renana Schneller ; 3 cr.

3520 History of the Holocaust

(Student Option;)
67689 001 LEC, 8:15-9:30 MW, Blegen Hall 225, In Person Term Based; Meets With: 001 HIST 3727001 RELS 3520; Jazmine Contreras ; 3 cr.

3729 Nazi Germany and Hitler's Europe

(Student Option;)
55564 001 LEC, 14:30-15:45 MW, Blegen Hall 255, In Person Term Based; Meets With: 001 HIST 3729; Igor Tchoukarine ; 3 cr.

3745 The Holocaust in France: Literature, History, Testimony

(Student Option; Prereq: None)
68683 001 DIS, 9:45-11:00 TTh, Bruininks Hall 123, In Person Term Based; Meets With: 001 FREN 3345001 FREN 3745; Bruno Chaouat ; 3 cr.

3993 Directed Study

(A-F only; Prereq: instr consent)
56092 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)
53383 001 IND, In Person Term Based; 4 cr.
54140 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)
52616 001 IND, In Person Term Based; 1 cr.

5115 Midrash: Reading and Retelling the Hebrew Bible

(Student Option;)
68489 001 LEC, 17:30-20:00 W, Nicholson Hall 125, In Person Term Based; Meets With: 001 RELS 5115001 CNES 3115001 JWST 3115001 RELS 3115001 CNES 5115; Ryan Dulkan ; 3 cr.

5992 Directed Readings

(Student Option; Prereq: instr consent)
53600 001 IND, 00:00-00:00 , In Person Term Based; 1-12 cr.

Journalism & Mass Communication (JOUR)

1001 Media in a Changing World

(Student Option; SOCS,TS)
52007 001 LEC, 9:45-11:00 TTh, Murphy Hall 130, In Person Term Based; Scott Libin ; 3 cr.
52008 003 LEC, 11:15-12:30 MW, Murphy Hall 130, In Person Term Based; Matt Carlson ; 3 cr.
52903 002 LEC, 14:30-15:45 MW, Nicholson Hall 155, In Person Term Based; Christopher Terry ; 3 cr.

1501 Digital Games and Society

(Student Option; AH,TS)
54821 001 LEC, 8:15-9:30 TTh, Bruininks Hall 114, In Person Term Based; Colin Agur ; 3 cr.

1911 The Symbolic Meanings of Money and Property

(A-F only; GP)
68577 001 DIS, 14:30-15:45 MW, Murphy Hall 15, In Person Term Based; Kenneth Doyle ; 3 cr.

1912 The Art and Science of Persuasion

(A-F only;)
66251 001 DIS, 13:00-14:15 TTh, Murphy Hall 25, In Person Term Based; Kenneth Doyle ; 3 cr.

3004 Information for Mass Communication

(A-F only; Prereq: Jour major or jour minor or approved BIS/DIM/ICP program)
52009 001 LEC, 9:05-9:55 MWF, Murphy Hall 130, In Person Term Based; Meets With: 001 JOUR 3004H; Susan LoRusso ; 3 cr.
64934 002 LEC, 10:10-11:00 MWF, Murphy Hall 130, In Person Term Based; Susan LoRusso ; 3 cr.

3004H Information for Mass Communication

(A-F only; Prereq: Honors, [jour major or mass comm minor or approved BIS/DIM/ICP program])
53413 001 LEC, 9:05-9:55 MWF, Murphy Hall 130, In Person Term Based; Meets With: 001 JOUR 3004; Susan LoRusso ; 3 cr.

3005 Mass Media Effects

(Student Option; SOCS)
54388 001 LEC, 11:15-12:30 TTh, Murphy Hall 130, In Person Term Based; Claire Segijn ; 3 cr.

3006 Visual Communication

(Student Option;)
53180 001 LEC, 13:00-14:15 MW, Murphy Hall 130, In Person Term Based; Diane Cormany ; 3 cr.

3101W 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]W)

54457 002 LEC, 14:30-16:25 MW, Murphy Hall 10 North, In Person Term Based; Meghan Holden ; 3 cr.
54699 001 LEC, 10:10-12:05 TTh, Murphy Hall 10 South, In Person Term Based; Gayle Golden ; 3 cr.
6254 003 LEC, 8:15- 9:30 TTh, Murphy Hall 10 South, In Person Term Based; Greta Kaul ; 3 cr.

3102 Multimedia Production and Storytelling

(A-F only; Prereq: [3004W or 3004V or concurrent registration is required (or allowed) in 3004W or 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])

54143 001 LEC, 12:20-14:15 TTh, Murphy Hall 10 South, In Person Term Based; Regina McCombs ; 3 cr.
54458 002 LEC, 15:35-17:30 TTh, Murphy Hall 10 South, In Person Term Based; Regina McCombs ; 3 cr.

3103 Interactive and Data Journalism

(A-F only; Prereq: [3004W or 3004V], [3101 or 3101H or 3279W], [jour major or approved BIS/DIM/ICP program])

67709 001 LAB, 8:15- 9:30 TTh, Murphy Hall 10 North, In Person Term Based; CJ Sinner ; 3 cr.

3121 Intermediate News Reporting

(A-F only; Prereq: [3004W or 3004V], [3101 or 3101H], [jour major or approved BIS/DIM/ICP program])
53565 001 LEC, 9:45-11:00 TTh, Murphy Hall 25, In Person Term Based; Christopher Ison ; 3 cr.
55206 002 LEC, 8:15- 9:30 MW, Murphy Hall 25, 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])
52010 001 LEC, 17:30-19:25 TTh, Murphy Hall 10 North, In Person Term Based; Micah Emmel-Duke ; 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]W)
54695 001 LEC, 13:00-14:15 MW, Murphy Hall 228, In Person Term Based; Bryce Evans ; 3 cr.

3201 Principles of Strategic Communication

(A-F or Audit;)
52011 001 LEC, 11:15-12:30 MW, Murphy Hall 214, In Person Term Based; Hyejoon Rim ; 3 cr.
52964 002 LEC, 13:00-14:15 TTh, Murphy Hall 130, In Person Term Based; Sherri Katz ; 3 cr.

3241W Advertising Strategy and Creative Development

(A-F only; Prereq: [3004W or 3004V], 3201, [jour major or approved BIS/DIM/ICP program]W)
53085 001 LEC, 14:30-15:45 MW, Murphy Hall 228, In Person Term Based; Len Mitsch ; 3 cr.
54459 002 LEC, 9:45-11:00 TTh, Murphy Hall 228, In Person Term Based; Jim Offerman ; 3 cr.
54832 003 LEC, 9:45-11:00 MW, Murphy Hall 228, In Person Term Based; Mark Jensen ; 3 cr.
55518 004 LEC, 8:15- 9:30 TTh, Murphy Hall 228, In Person Term Based; Len Mitsch ; 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)
52672 001 LEC, 14:30-15:45 MW, Bruininks Hall 512B, 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)
54460 001 LEC, 8:15- 9:30 TTh, 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])
52014 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])
54535 002 LEC, 8:15- 9:30 MW, Murphy Hall 228, In Person Term Based; Meredith Speier ; 3 cr.
54693 001 LEC, 16:00-17:15 MW, Murphy Hall 228, In Person Term Based; Craig Pladson ; 3 cr.
64896 004 LEC, 11:15-12:30 MW, Murphy Hall 228, In Person Term Based; Amelia Reigstad ; 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]W)
54524 003 LEC, 14:30-15:45 TTh, Murphy Hall 10 North, In Person Term Based; Judy Hohmann ; 3 cr.
54824 002 LEC, 16:40-17:55 MW, Murphy Hall 10 North, In Person Term Based; Earl Johnston ; 3 cr.
64899 004 LEC, 8:15- 9:30 MW, Murphy Hall 10 South, In Person Term Based; Amelia Reigstad ; 3 cr.
64900 005 LEC, 9:45-11:00 TTh, Murphy Hall 10 Center, In Person Term Based; Amelia Reigstad ; 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])
52673 001 LEC, 8:00- 9:55 MW, Murphy Hall 10 North, In Person Term Based; Susan Andre ; 3 cr.
53674 002 LEC, 14:30-16:25 TTh, Murphy Hall 10 Center, In Person Term Based; Kevin O'Callaghan ; 3 cr.
54706 003 LEC, 10:10-12:05 MW, Murphy Hall 10 North, In Person Term Based; Jeanne Schacht ; 3 cr.
68553 005 LEC, 12:20-14:15 MW, Murphy Hall 10 North, In Person Term Based; Calee Cecconi ; 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])
54035 001 LEC, 14:30-15:45 MW, Murphy Hall 10 South, In Person Term Based; Scott Libin ; 3 cr.
54036 002 LAB, 15:45-17:30 MW, Murphy Hall 10 South, In Person Term Based; Scott Libin ; 3 cr.

3552 Internet and Global Society

(Student Option; GP)
66189 001 LEC, 9:45-11:00 TTh, Murphy Hall 214, In Person Term Based; Matthew Weber ; 3 cr.

3614 History of Media Communication

(Student Option; HIS,TS)
54861 001 LEC, 11:15-12:30 TTh, Fraser Hall 101, In Person Term Based; Sid Bedingfield ; 3 cr.

3741 Diversity and Mass Communication

(Student Option; DSJ)
67836 001 LEC, 11:15-12:30 MW, Burton Hall 120, In Person Term Based; Errol Salamon ; 3 cr.

3745 Mass Media and Popular Culture

(Student Option; AH,DSJ)
52012 001 LEC, 9:45-11:00 MW, Nicholson Hall 155, In Person Term Based; Diane Cormany ; 3 cr.
54510 002 LEC, 9:45-11:00 TTh, Nicholson Hall 155, In Person Term Based; Errol Salamon ; 3 cr.

3751 Digital Media and Culture

(Student Option; AH,TS)
54156 001 LEC, 11:15-12:30 MW, Nicholson Hall 155, In Person Term Based; Valerie Belair-Gagnon ; 3 cr.

3771 Media Ethics

(Student Option; CIV)
52647 001 LEC, 13:00-14:15 TTh, Murphy Hall 228, In Person Term Based; Jane Kirtley ; 3 cr.

3775 Administrative Law and Regulation for Strategic Communication

(Student Option; CIV)
54461 001 LEC, 9:45-11:00 MW, Murphy Hall 214, In Person Term Based; Christopher Terry ; 3 cr.

3776 Mass Communication Law

(A-F only;)

52013 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)
55260 001 LEC, 8:15- 9:30 TTh, Murphy Hall 130, In Person Term Based; Meets With: 001 JOUR 3776; Jane Kirtley ; 3 cr.

3896 Directed Internship

(S-N only; Prereq: Jour major, dept consent)
53218 001 FWK, In Person Term Based; Mark Jensen ; 1 cr.
53638 002 FWK, In Person Term Based; Amelia Reigstad ; 1 cr.
53639 003 FWK, In Person Term Based; Gayle Golden ; 1 cr.
53640 004 FWK, In Person Term Based; Scott Libin ; 1 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.)
53084 001 IND, 00:00-00:00 , , In Person Term Based; Sherri Katz ; 1-3 cr.
53209 002 IND, 00:00-00:00 , , In Person Term Based; Amy O'Connor ; 1-3 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])
54536 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])
53722 001 LEC, 13:00-14:15 MW, 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])
55113 001 LEC, 10:10-12:05 TTh, Murphy Hall 10 North, In Person Term Based; Betsy Neibergall Anderson ; 3 cr.
68219 002 LEC, 12:20-14:15 TTh, Murphy Hall 10 North, In Person Term Based; Betsy Neibergall Anderson ; 3 cr.

4251 Psychology of Advertising

(Student Option;)
54573 001 LEC, 14:30-15:45 TTh, Murphy Hall 130, In Person Term Based; Ruth DeFoster ; 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])
54525 001 LEC, 13:00-14:15 TTh, Murphy Hall 15, In Person Term Based; Stacey Kanihan ; 3 cr.
54991 002 LEC, 11:15-12:30 MW, Murphy Hall 25, In Person Term Based; Amy O'Connor ; 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)
54827 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)
52015 001 LAB, 10:10-12:05 TTh, Murphy Hall 15, In Person Term Based; Michelle Wood ; 3 cr.
52677 004 LAB, 8:00- 9:55 MW, Murphy Hall 15, In Person Term Based; Daniel Gore ; 3 cr.
54462 003 LAB, 16:40-18:35 TTh, Vincent Hall 313, In Person Term Based; Kent Kaiser ; 3 cr.
54828 006 LAB, 12:20-14:15 MW, Murphy Hall 15, In Person Term Based; Mark Jensen ; 3 cr.
55208 002 LAB, 10:10-12:05 MW, Murphy Hall 15, In Person Term Based; Daniel Gore ; 3 cr.
55209 008 LAB, 16:40-18:35 MW, Murphy Hall 15, In Person Term Based; James Pounds ; 3 cr.
64904 005 LAB, 14:30-16:25 TTh, Murphy Hall 15, In Person Term Based; Mark Morse ; 3 cr.
64905 007 LAB, 8:00- 9:55 TTh, Murphy Hall 15, In Person Term Based; Eva Keiser ; 3 cr.

4272 Digital Advertising: Theory and Practice

(A-F or Audit; Prereq: Jour major or Mass Comm minor or Digital Media Studies minor or approved BIS/IDIM/ICP program)

53636 001 LEC, 14:30-15:45 TTh, Murphy Hall 214, In Person Term Based; Jisu Huh ; 3 cr.

4274W Advertising in Society

(Student Option; WI)

68567 002 LEC, 9:45-11:00 MW, Murphy Hall 25, In Person Term Based; Ruth DeFoster ; 3 cr.

4303 Documentary Photojournalism

(A-F only; Prereq: [[3004W or 3004V], 3102, [jour major or approved BIS/IDIM/ICP program]] or instr consent)

54829 001 LEC, 11:15-12:30 MW, Murphy Hall 10 South, In Person Term Based; Regina McCombs ; 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/IDIM/ICP program])

54830 001 LEC, 9:05-9:55 MWF, Murphy Hall 10 Center, 9:05-9:55 MWF, Murphy Hall 10, 9:05-9:55 MWF, Murphy Hall 10H, In Person Term Based; Scott Libin ; 3 cr.
54831 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,SOC5)

54468 001 LEC, 16:00-17:15 TTh, Murphy Hall 130, 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,SOC5)

54469 001 LEC, 16:00-17:15 TTh, Murphy Hall 130, In Person Term Based; Meets With: 001 JOUR 4721; Sid Bedingfield ; 3 cr.

4801 Global Communication

(Student Option;)

66191 001 LEC, 13:00-14:15 MW, Murphy Hall 214, In Person Term Based; 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])

67823 001 LAB, 8:15-9:30 TTh, Murphy Hall 10 Center, In Person Term Based; Michael Rand ; 3 cr.

4991 Special Topics in Mass**Communication: Context**

(A-F or Audit;)

66634 001 LEC, 11:15-12:30 TTh, Murphy Hall 228, In Person Term Based; Colin Agur ; 3 cr.

4992 Field Based Practicum

(A-F or Audit; Prereq: Jour major)

53723 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.)

52678 001 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])

54142 001 LEC, 14:30-16:25 MW, Room TBA, 14:30-16:25 MW, Murphy Hall 214, In Person Term Based; Stephanie Glaros, David Schimke ; 3 cr.

5251 Strategic Communication Theory

(Student Option;)

53499 001 LEC, 17:30-20:00 T, Murphy Hall 228, In Person Term Based; Stacey Kanihan ; 3 cr.

5501 Communication, Public Opinion, and Social Media

(Student Option;)

66192 001 LEC, 14:30-15:45 MW, Murphy Hall 130, In Person Term Based; Benjamin Toff ; 3 cr.

5606W Literary Aspects of Journalism

(Student Option; WI)

54604 001 LEC, 16:00-17:15 TTh, Murphy Hall 228, In Person Term Based; Meets With: 001 ENG 5606W; 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.)

52679 001 IND, 00:00-00:00 , , In Person Term Based; Giovanna Dell'Orto ; 1-3 cr.
53224 002 IND, 00:00-00:00 , , In Person Term Based; Kathleen Hansen, Julie Golias ; 1-3 cr.
53225 003 IND, 00:00-00:00 , , In Person Term Based; Jisu Huh ; 1-3 cr.
53226 004 IND, 00:00-00:00 , , In Person Term Based; Jane Kirtley ; 1-3 cr.
53227 005 IND, 00:00-00:00 , , In Person Term Based; Marco Yzer ; 1-3 cr.**8202 Generation and Selection of Communication Strategies**

(A-F only; Prereq: Strat Comm MA grad major)

53500 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)

55251 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)

52797 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

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

52820 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)

54600 001 LEC, 14:30-17:00 W, Murphy Hall 25, In Person Term Based; Valerie Belair-Gagnon ; 3 cr.

8650 Seminar: Psychology of Media Effects

(A-F only; Prereq: Grad students enrolled in Mass Communication MA or PhD program or instr consent)

66933 001 LEC, 14:30-17:00 T, Murphy Hall 25, In Person Term Based; Marco Yzer ; 3 cr.

8661 Seminar: Mediated Political Communication in the Digital Age

(A-F or Audit;)

64914 001 LEC, 14:30-17:00 Th, Murphy Hall 25, In Person Term Based; Benjamin Toff ; 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)

52845 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8675 Seminar: Issues in Information Access and Communication

(A-F or Audit; Prereq: Grad students enrolled in Mass Communication MA or PhD program or instr consent)

66193 001 LEC, 14:30-17:00 M, Murphy Hall 200, In Person Term Based; Matthew Weber ; 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))

52865 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)

52897 001 IND, In Person Term Based; 1-24 cr.

8990 Special Problems in Mass Communications

(A-F or Audit; Prereq: Mass comm grad student or instr consent)

64916 001 LEC, 17:30-20:00 M, Murphy Hall 214, In Person Term Based; Amy O'Connor ; 3-4 cr.

8993 Directed Study

(A-F or Audit; Prereq: Grad mass comm major or minor, instr consent, dept consent)

52680 001 IND, 00:00-00:00 , , In Person Term Based; Giovanna Dell'Orto ; 1-6 cr.

Kinesiology (KIN)**1050 Beginning Military Physical Fitness Training**

(A-F or Audit;)

50726 001 LEC, 6:30-7:20 MWF, Armory Building 100, In Person Term Based; Meets With: 001 KIN 3050; Andrew Addis ; 1 cr.

1871 Survey of Kinesiology, Recreation, and Sport

(A-F or Audit;)

50610 001 LEC, 8:15-9:30 TTh, Keller Hall 3-210, In Person Term Based; Meets With: 002 KIN 1871003 KIN 1871; Chelsey Thul ; 3 cr.

51215 002 LEC, 8:15-9:30 TTh, Keller Hall 3-210, In Person Term Based; Meets With: 001 KIN 1871003 KIN 1871; Chelsey Thul ; 3 cr.

51733 003 LEC, 8:15-9:30 TTh, Keller Hall 3-210, In Person Term Based; Meets With: 001 KIN 1871002 KIN 1871; Chelsey Thul ; 3 cr.

3001 Lifetime Health and Wellness

(A-F or Audit; SOCS)

50605 001 LEC, 9:45-11:00 TTh, Akerman Hall 209, In Person Term Based; Brooke Wagner ; 3 cr.

50815 002 LEC, 11:15-12:30 TTh, Rapson Hall 45, In Person Term Based; Eydie Kramer ; 3 cr.

51169 003 LEC, 13:00-14:15 TTh, Armory Building 116, In Person Term Based; Brooke Wagner ; 3 cr.

3027 Human Anatomy for Kinesiology Students

(A-F or Audit;)

50775 001 LEC, 11:15-12:05 MW, Anderson Hall 250, In Person Term Based; George Biltz ; 3 cr.

50776 002 LAB, 12:20-13:10 W, Mariucci Arena 141, In Person Term Based; Anton Hesse ; 3 cr.

50777 003 LAB, 13:25-14:15 W, Mariucci Arena 141, In Person Term Based; Anton Hesse ; 3 cr.

51303 004 LAB, 14:30-15:20 W, Mariucci Arena 141, In Person Term Based; Anton Hesse ; 3 cr.

51406 005 LAB, 15:35-16:25 W, Mariucci Arena 141, In Person Term Based; Anton Hesse ; 3 cr.

3050 Advanced Military Physical Fitness Training

(A-F or Audit; Prereq: 4 cr of 1050 or instr consent)

50727 001 LEC, 6:30-7:20 MWF, Armory Building 100, In Person Term Based; Meets With: 001 KIN 1050; Andrew Addis ; 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)

50621 001 LEC, 9:05-11:00 T, West Bank Skyway 20, In Person Term Based; Juergen Konczak ; 4 cr.

50702 002 LAB, 8:15-9:55 Th, Cooke Hall 20, In Person Term Based; 4 cr.

50703 003 LAB, 10:10-11:50 Th, Cooke Hall 20, In Person Term Based; 4 cr.

50704 004 LAB, 12:05-13:45 Th, Cooke Hall 20, In Person Term Based; 4 cr.

51070 005 LAB, 14:00-15:40 Th, Cooke Hall 20, In Person Term Based; 4 cr.

51351 006 LAB, 16:00-17:40 Th, Cooke Hall 20, In Person Term Based; 4 cr.

66696 007 LAB, 18:00-19:40 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])

50609 001 LEC, 9:45-11:00 MW, Vincent Hall 311, In Person Term Based; Angela Szumowski ; 3 cr.

51937 002 LEC, 11:15-12:30 MW, Vincent Hall 311, In Person Term Based; Angela Szumowski ; 3 cr.

3126W Sport and Exercise Psychology

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

50602 001 LEC, 8:00-8:50 MW, Cooke Hall 215, In Person Term Based; Maureen Weiss ; 3 cr.

50778 002 DIS, 8:00- 8:50 F, Cooke Hall 214, In Person Term Based; 3 cr.
 51319 004 DIS, 10:10-11:00 F, Cooke Hall 214, In Person Term Based; 3 cr.
 51320 005 LEC, 10:10-11:00 MW, Cooke Hall 214, In Person Term Based; Maureen Weiss; 3 cr.
 51321 006 DIS, 11:15-12:05 F, Cooke Hall 214, In Person Term Based; 3 cr.
 66694 007 DIS, 12:20-13:10 F, Cooke Hall 214, In Person Term Based; 3 cr.
 66695 008 DIS, 13:25-14:15 F, Cooke Hall 214, In Person Term Based; 3 cr.

3131W History and Philosophy of Sport

(A-F or Audit; Prereq: Kin major or instr consent(WI))
 50595 001 LEC, 14:30-15:45 TTh, Nicholson Hall 155, In Person Term Based; Morgan Betker; 3 cr.

3132 Introduction to Motor Development Across the Lifespan

(A-F only; Prereq: Kin major or instr consent)
 50816 001 LEC, 11:15-12:30 TTh, Tate Hall 105, In Person Term Based; Hannah Walter; 3 cr.

3135 Introduction to Motor Learning and Control

(A-F or Audit;)
 50594 001 LEC, 9:05- 9:55 WF, Nicholson Hall 35, In Person Term Based; Ruth Rath; 3 cr.
 51322 002 LAB, 9:05- 9:55 M, Cooke Hall 20, In Person Term Based; Ruth Rath; 3 cr.
 51323 003 LAB, 10:10-11:00 M, Cooke Hall 20, In Person Term Based; 3 cr.
 51324 004 LAB, 11:15-12:05 M, Cooke Hall 20, In Person Term Based; 3 cr.
 67050 005 LAB, 12:20-13:10 M, Cooke Hall 20, In Person Term Based; 3 cr.
 67051 006 LAB, 13:25-14:15 M, Cooke Hall 20, In Person Term Based; 3 cr.

3327 Teaching Physical Education in the Elementary School

(A-F only;)
 50593 001 LEC, 13:25-15:20 T, University Rec Center 320, In Person Term Based; Joan Broadrick; 2 cr.
 50705 002 LEC, 13:25-15:20 W, University Rec Center 320, In Person Term Based; Joan Broadrick; 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)
 51038 001 LEC, 11:15-12:30 TTh, Akerman Hall 209, In Person Term Based; George Biltz; 4 cr.
 51074 002 LAB, 13:25-14:15 T, Mariucci Arena 141, In Person Term Based; Charles Jedlicka; 4 cr.
 51075 003 LAB, 14:30-15:20 T, Mariucci Arena 141, In Person Term Based; Charles Jedlicka; 4 cr.
 51363 004 LAB, 15:35-16:25 T, Mariucci Arena 141, In Person Term Based; Charles Jedlicka; 4 cr.

3696 Supervised Practical Experience

(S-N only; Prereq: instr consent)
 50611 001 FWK, 00:00-00:00 , , In Person Term Based; Colin Rogness; 1-10 cr.
 51255 009 FWK, 00:00-00:00 , , In Person Term Based; Katie Koopmeiners; 1-10 cr.
 51332 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)
 51527 001 LEC, 14:30-15:45 MW, Cooke Hall 206, In Person Term Based; Alexander Kasak; 3 cr.
 51528 002 LEC, 13:00-14:15 MW, Cooke Hall 214, In Person Term Based; Alexander Kasak; 3 cr.
 51529 003 LEC, 13:00-14:15 TTh, Cooke Hall 214, In Person Term Based; Katie Schuver; 3 cr.
 51768 004 LEC, 14:30-15:45 TTh, Cooke Hall 206, In Person Term Based; Li Li Ji; 3 cr.

3993 Directed Study in Kinesiology

(A-F only; Prereq: instr consent)
 50627 007 IND, 00:00-00:00 , , In Person Term Based; Mary Jo Kane; 1-10 cr.
 50630 019 IND, 00:00-00:00 , , In Person Term Based; Thomas Stoffregen; 1-10 cr.
 50631 025 IND, 00:00-00:00 , , In Person Term Based; Diane Wiese-Bjornstal; 1-10 cr.
 50789 004 IND, 00:00-00:00 , , In Person Term Based; Donald Dengel; 1-10 cr.
 50820 002 IND, 00:00-00:00 , , In Person Term Based; Lisa Kihl; 1-10 cr.
 51065 027 IND, 00:00-00:00 , , In Person Term Based; Nicole LaVoi; 1-10 cr.

51096 008 IND, 00:00-00:00 , , In Person Term Based; Juergen Konczak; 1-10 cr.
 51105 003 IND, 00:00-00:00 , , In Person Term Based; George Biltz; 1-10 cr.
 51122 023 IND, 00:00-00:00 , , In Person Term Based; Maureen Weiss; 1-10 cr.
 51129 029 IND, 00:00-00:00 , , In Person Term Based; Beth Lewis; 1-10 cr.
 51261 035 IND, 00:00-00:00 , , In Person Term Based; Jo Ann Buysse; 1-10 cr.
 51331 045 IND, 00:00-00:00 , , In Person Term Based; Zan Gao; 1-10 cr.
 51357 006 IND, 00:00-00:00 , , In Person Term Based; Li Li Ji; 1-10 cr.
 51571 001 IND, 00:00-00:00 , , In Person Term Based; Daheia Barr-Anderson; 1-10 cr.
 51572 047 IND, 00:00-00:00 , , In Person Term Based; Yuhei Inoue; 1-10 cr.
 51963 043 IND, In Person Term Based; Yonghwan Chang; 1-10 cr.
 51970 005 IND, In Person Term Based; Sarah Greising; 1-10 cr.
 68094 015 IND, In Person Term Based; Vicki Schull; 1-10 cr.
 68099 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)
 51043 019 IND, 00:00-00:00 , , In Person Term Based; Thomas Stoffregen; 1-10 cr.
 51046 004 IND, 00:00-00:00 , , In Person Term Based; Donald Dengel; 1-10 cr.
 51147 025 IND, 00:00-00:00 , , In Person Term Based; Diane Wiese-Bjornstal; 1-10 cr.
 51262 027 IND, 00:00-00:00 , , In Person Term Based; Nicole LaVoi; 1-10 cr.
 51267 029 IND, 00:00-00:00 , , In Person Term Based; Beth Lewis; 1-10 cr.
 51340 003 IND, 00:00-00:00 , , In Person Term Based; George Biltz; 1-10 cr.
 51341 007 IND, 00:00-00:00 , , In Person Term Based; Mary Jo Kane; 1-10 cr.
 51342 008 IND, 00:00-00:00 , , In Person Term Based; Juergen Konczak; 1-10 cr.
 51344 023 IND, 00:00-00:00 , , In Person Term Based; Maureen Weiss; 1-10 cr.
 51436 006 IND, 00:00-00:00 , , In Person Term Based; Li Li Ji; 1-10 cr.
 68597 005 IND, In Person Term Based; Sarah Greising; 1-10 cr.

4001H Honors Seminar in Kinesiology

(A-F or Audit; Prereq: Kinesiology honors)
 51049 001 LEC, 00:00-00:00 , , In Person Term Based; Chelsey Thul; 3 cr.

4133 Perceptual-Motor Control and Learning

(A-F or Audit; Prereq: [3112, 3132, 3135, KIN major] or instr consent)
 51816 001 LEC, 9:45-11:00 TTh, Cooke Hall 206, In Person Term Based; Thomas Stoffregen; 3 cr.

4136 Embodied Cognition

(A-F only; Prereq: 3132 or 3135 or instr consent)
 51223 001 LEC, 11:15-12:30 TTh, Cooke Hall 215, In Person Term Based; Thomas Stoffregen; 3 cr.

4214 Health Promotion

(A-F only;)
 51945 001 LEC, 9:45-11:00 TTh, Bruininks Hall 312, 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)
 50612 001 LEC, 13:25-14:15 MW, Rapson Hall 56, In Person Term Based; Donald Dengel; 4 cr.
 50706 002 LAB, 8:00- 9:50 W, Mariucci Arena 141, In Person Term Based; Christiana Raymond-Pope; 4 cr.
 50707 004 LAB, 8:00- 9:50 F, Mariucci Arena 141, In Person Term Based; Erica Roelofs; 4 cr.
 50708 003 LAB, 10:00-11:50 W, Mariucci Arena 141, In Person Term Based; Christiana Raymond-Pope; 4 cr.
 50722 005 LAB, 10:00-11:50 F, Mariucci Arena 141, In Person Term Based; Erica Roelofs; 4 cr.
 51329 006 LAB, 8:00- 9:50 M, Mariucci Arena 141, In Person Term Based; Therese Wichmann; 4 cr.
 51555 007 LAB, 10:00-11:50 M, Mariucci Arena 141, In Person Term Based; Therese Wichmann; 4 cr.

4441 Movement Neuroscience

(A-F only; Prereq: 3135 or instr consent)

51579 001 LEC, 9:05-11:35 F, Akerman Hall 313, In Person Term Based; Naveen Elangovan; 3 cr.

4520 Current Topics in Kinesiology

(Student Option; Prereq: Upper div in KIN or REC or SMGT or coaching or instr consent)
 67189 001 LEC, 16:40-20:15 M, Civil Engineering Bldg 213, 16:40-20:15 M, Civil Engineering Bldg 213, In Person Term Based; Donald Dengel; 2-4 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])
 51254 001 LEC, 11:15-12:30 MW, Akerman Hall 215, In Person Term Based; Christopher Lundstrom; 3 cr.

4687 Principles and Theory of Sports Coaching

(A-F only;)
 67171 001 LEC, 16:00-18:30 Th, Cooke Hall 206, In Person Term Based; Nicole LaVoi; 3 cr.

5104 Physical Activities for Persons with Disabilities

(A-F or Audit;)
 51958 001 LEC, 16:40-19:10 T, Cooke Hall 206, In Person Term Based; Kathleen Healy; 3 cr.

5115 Event Management in Sport

(A-F or Audit; Prereq: Grad student, instr consent)
 68021 001 LEC, 16:00-18:30 W, Cooke Hall 215, In Person Term Based; Vicki Schull; 3 cr.

5122 Applied Exercise Physiology

(A-F or Audit; Prereq: 4385 or equiv or instr consent)
 51062 001 LEC, 16:40-19:10 Th, Akerman Hall 317, In Person Term Based; Sarah Greising; 3 cr.

5123 Motivational Interventions in Physical Activity

(A-F only; Prereq: 3126W or grad student)
 51221 001 LEC, 11:15-12:30 T, Cooke Hall 20, Partially Online; Katie Schuver; 3 cr.

5125 Advances in Physical Activity and Health

(A-F only;)
 51953 001 LEC, 10:15-11:30 F, Akerman Hall 327, Partially Online; Zan Gao; 3 cr.

5142 Applied Nutrition for Sport Performance and Optimal Health

(A-F only;)
 51064 001 LEC, 17:30-20:00 W, Mariucci Arena 141, In Person Term Based; Jana Dengel; 3 cr.

5601 Sport Management Ethics and Policy

(A-F or Audit; Prereq: MEd or grad student or instr consent)
 50819 001 LEC, 16:00-18:30 T, Cooke Hall 215, 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)
 51590 001 LEC, 17:30-20:00 Th, Cooke Hall 215, In Person Term Based; Yonghwan Chang; 3 cr.

5641 Scientific Theory and Application of Training and Conditioning in Sport

(A-F only; Prereq: 4385 or SPST 3641 or SPST 4641 or exercise physiology course or instr consent)
 66716 001 LEC, 13:00-14:15 MW, Lind Hall 325, In Person Term Based; Christopher Lundstrom; 3 cr.

5643 Applied Motion Capture and Movement Analysis Technology

(A-F only;)
 51992 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)
 50783 011 FWK, In Person Term Based; Jo Ann Buysse; 1-6 cr.
 50784 002 FWK, 00:00-00:00 , , In Person Term Based; Lisa Kihl; 1-6 cr.

51235 021 FWK, 00:00-00:00 , , In Person Term Based; Michael Wade ; 1-6 cr.
51256 015 FWK, 00:00-00:00 , , In Person Term Based; Vicki Schull ; 1-6 cr.
68098 014 FWK, In Person Term Based; Christopher Lundstrom ; 1-6 cr.

5725 Organization and Management of Physical Education and Sport (A-F only; Prereq: Grad/initial licensure or instr consent)

51282 001 LEC, 14:30-17:00 M, Keller Hall 2-260, 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)

51264 001 LEC, 17:15-19:00 M, Akerman Hall 317, In Person Term Based; Jeremiah Carter, Andrew Nelson ; 2 cr.

5987 Professional Skills and Grant Writing for Health Sciences (Student Option No Audit; Prereq: Grad student)

66717 001 LEC, 16:40-18:20 W, Akerman Hall 211, In Person Term Based; Li Li Ji ; 2 cr.

5992 Readings in Kinesiology

(A-F only; Prereq: [KIN upper div undergrad or MEd or grad student], instr consent)

50643 007 IND, 00:00-00:00 , , In Person Term Based; Mary Jo Kane ; 1-9 cr.
50645 021 IND, 00:00-00:00 , , In Person Term Based; Michael Wade ; 1-9 cr.
50646 019 IND, 00:00-00:00 , , In Person Term Based; Thomas Stoffregen ; 1-9 cr.
50647 025 IND, 00:00-00:00 , , In Person Term Based; Diane Wiese-Bjornstal ; 1-9 cr.
50790 004 IND, 00:00-00:00 , , In Person Term Based; Donald Dengel ; 1-9 cr.
50821 002 IND, 00:00-00:00 , , In Person Term Based; Lisa Kihl ; 1-9 cr.
51066 027 IND, 00:00-00:00 , , In Person Term Based; Nicole LaVoi ; 1-9 cr.
51097 008 IND, 00:00-00:00 , , In Person Term Based; Juergen Konczak ; 1-9 cr.
51123 023 IND, 00:00-00:00 , , In Person Term Based; Maureen Weiss ; 1-9 cr.
51128 029 IND, 00:00-00:00 , , In Person Term Based; Beth Lewis ; 1-9 cr.
51330 035 IND, 00:00-00:00 , , In Person Term Based; Jo Ann Buysse ; 1-9 cr.
51358 006 IND, 00:00-00:00 , , In Person Term Based; Li Li Ji ; 1-9 cr.
51433 045 IND, 00:00-00:00 , , In Person Term Based; Zan Gao ; 1-9 cr.
51573 001 IND, 00:00-00:00 , , In Person Term Based; Daheia Barr-Anderson ; 1-9 cr.
51574 047 IND, 00:00-00:00 , , In Person Term Based; Yuhei Inoue ; 1-9 cr.
51964 043 IND, In Person Term Based; Yonghwan Chang ; 1-9 cr.
51969 005 IND, In Person Term Based; Sarah Greising ; 1-9 cr.
68095 015 IND, In Person Term Based; Vicki Schull ; 1-9 cr.
68100 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)

50633 007 IND, 00:00-00:00 , , In Person Term Based; Mary Jo Kane ; 1-6 cr.
50635 021 IND, 00:00-00:00 , , In Person Term Based; Michael Wade ; 1-6 cr.
50636 019 IND, 00:00-00:00 , , In Person Term Based; Thomas Stoffregen ; 1-6 cr.
50637 025 IND, 00:00-00:00 , , In Person Term Based; Diane Wiese-Bjornstal ; 1-6 cr.
50791 004 IND, 00:00-00:00 , , In Person Term Based; Donald Dengel ; 1-6 cr.
50822 002 IND, 00:00-00:00 , , In Person Term Based; Lisa Kihl ; 1-6 cr.
51067 027 IND, 00:00-00:00 , , In Person Term Based; Nicole LaVoi ; 1-6 cr.
51098 008 IND, 00:00-00:00 , , In Person Term Based; Juergen Konczak ; 1-6 cr.
51124 023 IND, 00:00-00:00 , , In Person Term Based; Maureen Weiss ; 1-6 cr.
51127 029 IND, 00:00-00:00 , , In Person Term Based; Beth Lewis ; 1-6 cr.

51257 035 IND, 00:00-00:00 , , In Person Term Based; Jo Ann Buysse ; 1-6 cr.
51359 006 IND, 00:00-00:00 , , In Person Term Based; Li Li Ji ; 1-6 cr.
51434 045 IND, 00:00-00:00 , , In Person Term Based; Zan Gao ; 1-6 cr.
51575 001 IND, 00:00-00:00 , , In Person Term Based; Daheia Barr-Anderson ; 1-6 cr.
51576 047 IND, 00:00-00:00 , , In Person Term Based; Yuhei Inoue ; 1-6 cr.
51965 043 IND, In Person Term Based; Yonghwan Chang ; 1-6 cr.
51968 005 IND, In Person Term Based; Sarah Greising ; 1-6 cr.
68096 015 IND, In Person Term Based; Vicki Schull ; 1-6 cr.
68101 014 IND, In Person Term Based; Christopher Lundstrom ; 1-6 cr.

8122 Seminar: Exercise Physiology

(A-F only; Prereq: 5122 or equiv or instr consent)
68127 001 LEC, 16:40-18:20 T, Mariucci Arena 141, In Person Term Based; George Biltz ; 2 cr.

8333 FTE: Master's

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

50741 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

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

50748 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.)
50757 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)

50817 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))

50764 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)

50769 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)

50648 001 LEC, 14:30-16:25 M, Cooke Hall 214, In Person Term Based; Diane Wiese-Bjornstal ; 1 cr.

8995 Research Problems in Kinesiology (S-N only; Prereq: Kin Ph.D. student or SMTG grad student or instr consent)

50638 007 IND, 00:00-00:00 , , In Person Term Based; Mary Jo Kane ; 1-12 cr.
50640 021 IND, 00:00-00:00 , , In Person Term Based; Michael Wade ; 1-12 cr.
50641 019 IND, 00:00-00:00 , , In Person Term Based; Thomas Stoffregen ; 1-12 cr.
50642 025 IND, 00:00-00:00 , , In Person Term Based; Diane Wiese-Bjornstal ; 1-12 cr.
50792 004 IND, 00:00-00:00 , , In Person Term Based; Donald Dengel ; 1-12 cr.
50823 002 IND, 00:00-00:00 , , In Person Term Based; Lisa Kihl ; 1-12 cr.
51088 027 IND, 00:00-00:00 , , In Person Term Based; Nicole LaVoi ; 1-12 cr.
51099 008 IND, 00:00-00:00 , , In Person Term Based; Juergen Konczak ; 1-12 cr.
51125 023 IND, 00:00-00:00 , , In Person Term Based; Maureen Weiss ; 1-12 cr.
51126 029 IND, 00:00-00:00 , , In Person Term Based; Beth Lewis ; 1-12 cr.
51185 030 IND, 00:00-00:00 , , In Person Term Based; Jo Ann Buysse ; 1-12 cr.
51435 045 IND, 00:00-00:00 , , In Person Term Based; Zan Gao ; 1-12 cr.
51437 006 IND, 00:00-00:00 , , In Person Term Based; Li Li Ji ; 1-12 cr.
51577 001 IND, 00:00-00:00 , , In Person Term Based; Daheia Barr-Anderson ; 1-12 cr.

51578 047 IND, 00:00-00:00 , , In Person Term Based; Yuhei Inoue ; 1-12 cr.
51966 043 IND, In Person Term Based; Yonghwan Chang ; 1-12 cr.
51967 005 IND, In Person Term Based; Sarah Greising ; 1-12 cr.
68097 015 IND, In Person Term Based; Vicki Schull ; 1-12 cr.
68102 014 IND, In Person Term Based; Christopher Lundstrom ; 1-12 cr.

Korean (KOR)

1012 Beginning Korean II

(Student Option No Audit; Prereq: 1011)

53036 001 LEC, 9:05-9:55 MTWThF, Folwell Hall 103, In Person Term Based; Meets With: 001 KOR 4002; Jeong Min Seo ; 5 cr.
53397 002 LEC, 10:10-11:00 MTWThF, Folwell Hall 103, In Person Term Based; Meets With: 002 KOR 4002; Bryce Johnson ; 5 cr.
53398 050 LEC, 18:15-20:35 MW, Folwell Hall 13, In Person Term Based; Meets With: 050 KOR 4002; Jeong Min Seo ; 5 cr.
54473 003 LEC, 11:15-12:05 MTWThF, Folwell Hall 105, In Person Term Based; Meets With: 003 KOR 4002; Bryce Johnson ; 5 cr.
54708 004 LEC, 12:20-13:10 MTWThF, Folwell Hall 118, In Person Term Based; Meets With: 004 KOR 4002; Fatima Walji Han ; 5 cr.
56052 005 LEC, 13:25-14:15 MTWThF, Folwell Hall 120, In Person Term Based; Meets With: 005 KOR 4002; Fatima Walji Han ; 5 cr.

3022 Intermediate Korean II

(Student Option No Audit; Prereq: 3021)

53252 001 LEC, 13:25-14:15 MTWThF, Folwell Hall 32, In Person Term Based; Meets With: 001 KOR 4004; Sugyung Kim ; 5 cr.
54475 050 LEC, 18:15-20:35 TTh, Folwell Hall 3, In Person Term Based; Meets With: 050 KOR 4004; Fatima Walji Han ; 5 cr.
54551 002 LEC, 15:35-16:25 MTWThF, Folwell Hall 10, In Person Term Based; Meets With: 002 KOR 4004; Sugyung Kim ; 5 cr.

3032 Third Year Korean II

(Student Option No Audit; Prereq: 3031)

53275 001 LEC, 15:35-17:30 MW, Folwell Hall 121, In Person Term Based; Meets With: 001 KOR 4006; Jeong Min Seo ; 4 cr.

3290 Korean Language Teaching Tutorial

(S-N only; Prereq: Grade of A in 3032)

54121 001 FWK, In Person Term Based; Hangtae Cho ; 1 cr.

4042 Advanced Readings in Modern Korean II

(Student Option; Prereq: 4041 or equiv or instr consent)

66619 001 LEC, 9:05-11:00 TTh, Folwell Hall 107, In Person Term Based; Soo Hyun Jackelen ; 4 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)

61712 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Mary Ramey ; 3 cr.

7114 Surgical Pathology

(H-N only;)

61991 001 ROT, In Person Term Based; 4 cr.
61992 002 ROT, In Person Term Based; 4 cr.
61993 003 ROT, In Person Term Based; 4 cr.
61994 004 ROT, In Person Term Based; 4 cr.

7119 Forensic Pathology

(H-N only;)

62116 001 ROT, In Person Term Based; 4 cr.
62117 002 ROT, In Person Term Based; 4 cr.
62118 003 ROT, In Person Term Based; 4 cr.
62119 004 ROT, In Person Term Based; 4 cr.

7120 Perinatal/Pediatric Pathology

(P-N only;)

62274 001 ROT, In Person Term Based; 4 cr.
62275 002 ROT, In Person Term Based; 4 cr.

62276 003 ROT, In Person Term Based; 4 cr.
62277 004 ROT, In Person Term Based; 4 cr.

7145 Neuropathology

(H-N only;)
62120 001 ROT, In Person Term Based; 4 cr.
62121 002 ROT, In Person Term Based; 4 cr.
62122 003 ROT, In Person Term Based; 4 cr.
62123 004 ROT, In Person Term Based; 4 cr.

7150 Anatomic Pathology

(H-N only;)
62124 001 ROT, In Person Term Based; 4 cr.
62125 002 ROT, In Person Term Based; 4 cr.
62126 003 ROT, In Person Term Based; 4 cr.
62127 004 ROT, In Person Term Based; 4 cr.

7152 Anatomic Pathology-VA

(H-N only;)
61851 003 ROT, In Person Term Based; 4 cr.
61995 002 ROT, In Person Term Based; 4 cr.
61996 001 ROT, In Person Term Based; 4 cr.
62278 004 ROT, In Person Term Based; 4 cr.

7158 Cardiac Pathology

(H-N only;)
61672 031 ROT, In Person Term Based; 2 cr.
61997 032 ROT, In Person Term Based; 2 cr.
61998 022 ROT, In Person Term Based; 2 cr.
61999 012 ROT, In Person Term Based; 2 cr.
62000 041 ROT, In Person Term Based; 2 cr.
62001 042 ROT, In Person Term Based; 2 cr.
62002 011 ROT, In Person Term Based; 2 cr.
62003 021 ROT, In Person Term Based; 2 cr.

7181 Hematopathology

(H-N only;)
61818 002 ROT, In Person Term Based; 4 cr.
62004 003 ROT, In Person Term Based; 4 cr.
62005 001 ROT, In Person Term Based; 4 cr.
62279 004 ROT, In Person Term Based; 4 cr.

7184 Introduction to Transfusion Therapy

(H-N only;)
61767 003 ROT, In Person Term Based; 4 cr.
62006 002 ROT, In Person Term Based; 4 cr.
62007 004 ROT, In Person Term Based; 4 cr.
62008 001 ROT, In Person Term Based; 4 cr.

7186 Laboratory Medicine in a Community Hospital

(H-N only;)
62009 004 ROT, In Person Term Based; 4 cr.
62010 003 ROT, In Person Term Based; 4 cr.
62011 002 ROT, In Person Term Based; 4 cr.
62012 001 ROT, In Person Term Based; 4 cr.

7195 Medical Informatics

(H-N only;)
62013 002 ROT, In Person Term Based; 4 cr.
62014 001 ROT, In Person Term Based; 4 cr.
62015 003 ROT, In Person Term Based; 4 cr.
62016 004 ROT, In Person Term Based; 4 cr.

7400 Pathology-Duluth

(P-N only;)
68423 011 ROT, In Person Term Based; 2 cr.
68424 012 ROT, In Person Term Based; 2 cr.
68425 021 ROT, In Person Term Based; 2 cr.
68426 022 ROT, In Person Term Based; 2 cr.
68427 031 ROT, In Person Term Based; 2 cr.
68428 032 ROT, In Person Term Based; 2 cr.
68429 041 ROT, In Person Term Based; 2 cr.
68430 042 ROT, In Person Term Based; 2 cr.

7910 Laboratory Medicine and Pathology Medical Residency

(No Grade Associated;)
62199 001 FWK, In Person Term Based; 6 cr.

7930 Laboratory Medicine and Pathology Medical Fellowship

(No Grade Associated;)
62200 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;)
56735 001 DIS, 00:00-00:00 , , In Person Term Based; Tracy Twine ; 2 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
56383 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
56389 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)
56308 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])
56431 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)
56449 001 IND, In Person Term Based; 1-24 cr.

Landscape Architecture (LA)

1201 Learning from the Landscape

(A-F or Audit; AH,DSJ)
66213 001 LEC, 13:00-14:15 TTh, Tate Hall 105, In Person Term Based; James Wheeler ; 3 cr.

1401 The Designed Environment

(A-F or Audit; AH)
49497 001 LEC, 13:00-14:15 MW, Peik Gymnasium G55, In Person Term Based; Bradley Agee ; 3 cr.
49498 002 DIS, 13:00-14:15 F, Ford Hall 151, In Person Term Based; Bradley Agee ; 3 cr.
49499 003 DIS, 13:00-14:15 F, Rapson Hall 58, In Person Term Based; 3 cr.

1601 Design and Equity

(A-F or Audit; AH,DSJ)
49878 001 LEC, 9:05-12:05 F, Bruininks Hall 312, In Person Term Based; Meets With: 001 LA 3601; Kristine Miller ; 3 cr.

3002 Informants of Creating Landscape Space

(A-F or Audit;)
49465 001 LEC, 9:05-12:05 MW, 1425 University Ave 75, In Person Term Based; Kristine Miller ; 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)
49588 001 LEC, 16:00-17:15 TTh, Rapson Hall 43, In Person Term Based; Meets With: 001 LA 5004; Bryan Runck ; 4 cr.
49815 002 LAB, 14:30-15:45 TTh, Rapson Hall 33, In Person Term Based; Meets With: 002 LA 5004; Bryan Runck ; 4 cr.

3204 Holistic Landscape Ecology and Bioregional Practice

(A-F or Audit; Prereq: [[EEB 3001 or ESPM 3108], sr BED major] or equiv)
49440 001 LEC, 18:00-20:30 W, Nicholson Hall 120, In Person Term Based; Laura Musacchio ; 3 cr.

3501 Environmental Design and Its Biological and Physical Context

(A-F or Audit; ENV)
49324 001 LEC, 16:00-17:15 TTh, Rapson Hall 58, In Person Term Based; Piero Protti ; 3 cr.

3601 Design and Equity

(A-F or Audit; AH,DSJ)
49882 001 LEC, 9:05-12:05 F, Bruininks Hall 312, 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)

49589 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)
49933 001 LEC, 16:00-17:15 TTh, Rapson Hall 43, In Person Term Based; Meets With: 001 LA 3004; Bryan Runck ; 4 cr.
49939 002 LAB, 14:30-15:45 TTh, Rapson Hall 33, In Person Term Based; Meets With: 002 LA 3004; Bryan Runck ; 4 cr.

5203 Ecological Dimensions of Space Making

(A-F or Audit; Prereq: LA major or instr consent; recommended for both BED and Grad students)
49341 001 LAB, 13:30-17:30 MWF, Room TBA, 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)
49449 001 LAB, 9:05-11:35 T, Peik Gymnasium G65, In Person Term Based; Laura Musacchio ; 3 cr.

5377 Representation II

(A-F only; Prereq: Master of Landscape Architecture (MLA) or Accelerated Bachelor of Environmental Design)
49879 001 LAB, 9:05-12:05 Th, Rapson Hall 33, In Person Term Based; Jessica Rossi-Mastracci ; 4 cr.
67935 002 LAB, 13:00-14:15 T, Rapson Hall 33, In Person Term Based; ; 4 cr.

5404 Directed Studies in Landscape Architecture Design

(Student Option; Prereq: instr consent)
49384 003 IND, 00:00-00:00 , , In Person Term Based; Rebecca Krinke ; 1-6 cr.

5772 Landscape Infrastructure Systems II

(A-F only; Prereq: Master of Landscape Architecture Student, [Accelerated BED Student or instr consent])
49893 001 LAB, 10:10-12:05 MW, Appleby Hall 226, In Person Term Based; Michael Keenan ; 3 cr.
49894 002 LEC, In Person Term Based; Michael Keenan ; 3 cr.

8205 Urban Form Options: Landscape Architecture Studio

(Student Option; Prereq: 2 yrs of studio, grad LA major or instr consent)
49463 001 LAB, 13:30-17:30 MWF, Room TBA, In Person Term Based; Joseph Favour ; 6 cr.

8302 Professional Practice

(A-F or Audit; Prereq: 8205, grad LA major or instr consent)
49338 001 LEC, 16:00-18:00 TTh, Folwell Hall 32, In Person Term Based; clifton swenson ; 3 cr.

8333 FTE: Masters

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
49436 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)
49323 001 LAB, 13:30-17:30 MF, Rapson Hall 315, In Person Term Based; Rebecca Krinke, John Koepke ; 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])
49438 001 IND, In Person Term Based; 1-18 cr.

Language Centr CLA Courseshare (LANG)

1031 Beginning Danish I

(Student Option No Audit;)
68757 001 LEC, 11:00-11:50 MTWThF, Jones Hall 105A, In Person Term Based; 4 cr.

1062 Beginning Persian II

(Student Option;)
56110 001 LEC, 8:50-9:40 MTWTh, Jones Hall 135B, In Person Term Based; 4 cr.

1072 Beginning Polish II

(Student Option;)
55962 001 DIS, 10:10-11:30 TTh, Jones Hall 135B, Partially Online; 4 cr.

1122 Beginning Vietnamese II

(Student Option;)
55435 001 LEC, Completely Online; 4 cr.

1171 Beginning Aramaic I

(Student Option;)
68872 001 LEC, 14:05-15:20 TTh, Jones Hall 110D, In Person Term Based; Meets With: 001 LANG 4171; 3 cr.

2012 Accelerated Catalan II

(Student Option;)
55982 001 LEC, 10:30-11:20 MWF, Jones Hall 135B, In Person Term Based; 2 cr.

2072 Intermediate Polish II

(Student Option No Audit;)
67851 001 LEC, 13:20-14:40 TTh, Jones Hall 135B, In Person Term Based; 4 cr.

2102 Intermediate Modern Tibetan II

(Student Option No Audit;)
68115 001 LEC, 11:00-11:50 MTWTh, Jones Hall 110D, In Person Term Based; 4 cr.

2122 Intermediate Vietnamese II

(Student Option;)
55961 001 LEC, Completely Online; 4 cr.

2201 Accelerated Basque I

(Student Option No Audit;)
67852 001 LEC, 9:30-10:50 TTh, Jones Hall 110D, In Person Term Based; 3 cr.

3012 Advanced Catalan: Language, Society and Culture

(Student Option;)
67920 001 LEC, 10:30-11:20 MWF, Jones Hall 135B, In Person Term Based; 2 cr.

3505 Controversies in Contemporary Korea

(Student Option No Audit;)
68116 001 LEC, 15:00-16:30 TTh, Jones Hall 135B, In Person Term Based; 3 cr.

4171 Beginning Aramaic I for Grad Research

(Student Option;)
68117 001 LEC, 14:05-15:20 TTh, Jones Hall 110D, In Person Term Based; Meets With: 001 LANG 1171; 3 cr.

5221 Introduction to Middle Egyptian & Hieroglyphics I

(Student Option No Audit; Prerequisites, previous education in Ancient Egyptian history and civilization is recommended. This course is offered as a basic introduction to that stage in the evolution of the Egyptian language known as "Middle Egyptian" (used as a vernacular c. 2300 - 1700 B.C., and as a "literary" dialect c. 2200 - 1350 B.C.) as revealed and written in the hieroglyphic script. Please email the Language Center at elsie@umn.edu for more information.)
67820 001 LEC, 9:10-10:00 MWF, Jones Hall 110D, In Person Term Based; 3 cr.

5231 Special Topics in Hebrew Studies: Israeli Innovation and Entrepreneurship

(Student Option;)
67837 001 LEC, In Person Term Based; 3 cr.

5702 Development of African Studies

(Student Option No Audit;)
68752 001 LEC, 14:00-15:50 Th, Jones Hall 105A, 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)
52295 002 LEC, 9:05- 9:55 MTWThF, Folwell Hall 120, In Person Term Based; Jeffrey Cross ; 5 cr.
52296 003 LEC, 13:25-14:15 MTWThF, Civil Engineering Bldg 213, In Person Term Based; Fade Manley ; 5 cr.
53197 001 LEC, 8:00- 8:50 MTWThF, Folwell Hall 122, In Person Term Based; Samuel Berk-Hinckley ; 5 cr.

3004 Intermediate Latin Poetry

(Student Option;)
53851 001 LEC, 11:15-12:05 MTWTh, Folwell Hall 5, In Person Term Based; Meets With: 001 LAT 5004; Spencer Cole ; 4 cr.
54529 002 LEC, 14:30-15:20 MTWTh, Folwell Hall 118, In Person Term Based; Meets With: 002 LAT 5004; Stephen Smith ; 4 cr.

3993 Directed Studies

(Student Option; Prereq: instr consent and dept consent)
52307 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 consent(WI))
52612 001 IND, 00:00-00:00 , , In Person Term Based; 4 cr.

5001 Intensive Latin

(Student Option; Prereq: Prev experience in another foreign language is desirable)
66544 001 LEC, 10:10-11:00 MTWThF, Lind Hall 216, In Person Term Based; Nick Wagner ; 3 cr.

5004 Intermediate Latin Poetry for Graduate Research

(Student Option;)
53848 001 LEC, 11:15-12:05 MTWTh, Folwell Hall 5, In Person Term Based; Meets With: 001 LAT 3004; Spencer Cole ; 4 cr.
54907 002 LEC, 14:30-15:20 MTWTh, Folwell Hall 118, In Person Term Based; Meets With: 002 LAT 3004; Stephen Smith ; 4 cr.

5100 Advanced Reading

(Student Option; Prereq: [3004 or equiv], at least two yrs of college level Latin. Must contact Classical/Near Eastern Studies department for permission to register.)
66543 001 LEC, 13:00-14:15 TTh, Vincent Hall 364, In Person Term Based; Spencer Cole ; 3 cr.

5993 Directed Studies

(Student Option; Prereq: instr consent, dept consent)
52308 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5994 Directed Research

(Student Option; Prereq: Grad student or instr consent)
52310 001 IND, In Person Term Based; 1-12 cr.

5996 Directed Instruction

(Student Option; Prereq: Grad student or instr consent)
52309 001 IND, In Person Term Based; 1-12 cr.

8910 Seminar

(Student Option;)
66541 001 LEC, 16:00-19:00 T, Nicholson Hall 201, In Person Term Based; Meets With: 001 GRK 8910; Christopher Nappa ; 3 cr.

Latin American Studies (LAS)**3402W Modern Latin America 1825 to Present**

(Student Option; GP,WI,HIS)
53524 001 DIS, 10:10-12:05 MW, Blegen Hall 155, In Person Term Based; Meets With: 001 HIST 3402W; Patrick McNamara ; 4 cr.

3429 Latin American History in Film and Text

(Student Option; AH,GP)
66943 001 LEC, 18:20-20:50 W, Hubert H. Humphrey School 25, In Person Term Based; Meets With: 001 HIST 3429; Heider Tun ; 3 cr.

Law School (LAW)**3000 Introduction to American Law and Legal Reasoning**

(A-F only;)
61359 001 LEC, 9:45-11:00 TTh, Mondale Hall 25, In Person Term Based; Meets With: 001 LAW 5000; Daniel Schwarcz ; 3 cr.

3050 Law of Business Organizations

(A-F only;)
61354 001 LEC, 9:45-11:00 MW, Blegen Hall 235, In Person Term Based; Meets With: 001 LAW 5050; Brett McDonnell ; 3 cr.

5000 Introduction to American Law and Legal Reasoning

(A-F only;)
61360 001 LEC, 9:45-11:00 TTh, Mondale Hall 25, In Person Term Based; Meets With: 001 LAW 3000; Daniel Schwarcz ; 3 cr.

5025 Patent Law Proseminar

(S-N only;)
66472 001 LEC, 16:05-17:00 T, Mondale Hall 35, In Person Term Based; Meets With: 001 LAW 6925; Christopher Turoski ; 1 cr.

5050 Law of Business Organizations

(A-F only;)
61350 001 LEC, 9:45-11:00 MW, Blegen Hall 235, In Person Term Based; Meets With: 001 LAW 3050; Brett McDonnell ; 3 cr.

5051 Business Associations/Corporations

(Student Option;)
66043 001 LEC, 13:25-15:25 MT, Mondale Hall 35, 13:25-15:25 W, Mondale Hall 35, In Person Term Based; Meets With: 001 LAW 6051; Claire Hill ; 4 cr.

5061 Financial Regulation

(Student Option;)
61447 001 LEC, 15:35-18:35 M, Mondale Hall 3, 15:35-18:35 W, Mondale Hall 3, In Person Term Based; Meets With: 001 LAW 6061; Niel Willardson, Joseph McGrath ; 3 cr.

5075 Ethics for Patent Agents

(A-F only; Prereq: Master of Science Patent Law Students.)
61261 001 LEC, 14:30-16:20 M, Mondale Hall 7, 14:30-16:20 W, Mondale Hall 7, In Person Term Based; Bill Kalweit ; 1 cr.

5076 Essentials of Business for Lawyers

(Student Option;)
68067 001 LEC, 9:05-10:30 MT, Mondale Hall 40, 9:05-10:30 W, Mondale Hall 40, In Person Term Based; Meets With: 001 LAW 6016001 LAW 6076; David Fisher, Charles Meyer ; 3 cr.

5078 Legislation and Regulation

(Student Option;)
68224 001 LEC, 9:05-10:30 MT, Mondale Hall 30, 9:05-10:30 W, Mondale Hall 30, In Person Term Based; Meets With: 001 LAW 6018001 LAW 6078; Carol Chomsky ; 3 cr.
68225 002 LEC, 9:05-10:30 MT, Mondale Hall 50, 9:05-10:30 W, Mondale Hall 50, In Person Term Based; Meets With: 002 LAW 6018002 LAW 6078; Kristin Hickman ; 3 cr.

5211 Federal Securities Regulation

(Student Option;)
66641 001 LEC, 13:25-14:20 MTW, Mondale Hall 30, 13:25-14:20 W, Mondale Hall 30, In Person Term Based; Meets With: 001 LAW 6211; Richard Painter ; 3 cr.

5232 Patent Prosecution Practice II

(A-F only; Prereq: Master of Science Patent Law Students only.)
61255 001 LEC, 15:35-17:30 W, Mondale Hall 35, In Person Term Based; Meets With: 001 LAW 6232; Steven Shumaker, Kent Sieffert ; 3 cr.

5290 Patent Law Capstone: Innovation

(A-F only;)
61260 001 LEC, 17:10-20:00 T, Mondale Hall 35, In Person Term Based; Meets With: 001 LAW 6490; Christopher Turoski ; 3 cr.

5601 International Business Transactions

(Student Option;)
61449 001 LEC, 8:35-10:00 ThF, Mondale Hall 55, 8:35-10:00 T, Mondale Hall 55, In Person Term Based; Meets With: 001 LAW 6601; Joseph McGrath ; 3 cr.

5608 Trademarks

(Student Option;)
61402 001 LEC, 17:35-19:00 MW, Mondale Hall 55, 17:35-19:00 W, Mondale Hall 55, In Person Term Based; Meets With: 001 LAW 6608; Karl Wangenstein, Christopher Schulte ; 3 cr.

5707 Intellectual Property Transactions

(A-F only;)

61259 001 LEC, 16:05-18:00 Th, Mondale Hall 35, In Person Term Based; Meets With: 001 LAW 6707; Todd Fronek, Ryan Strom ; 2 cr.

5908 Independent Research and Writing

(Student Option;)

60668 001 IND, In Person Term Based; 1-2 cr.

6000 First Year Law Coursework

(A-F only;)

61253 001 LEC, In Person Term Based; 10-16 cr.

6003 Legal Research & Writing

(P-F only;)

61147 010 LEC, 9:05-10:00 W, Mondale Hall 50, In Person Term Based; Christopher Soper, Andrew Martineau ; 3 cr.
 61148 030 LEC, 9:05-10:00 W, Mondale Hall 30, In Person Term Based; Christopher Soper, Andrew Martineau ; 3 cr.
 61231 011 DIS, 8:00- 8:55 W, Mondale Hall 30, In Person Term Based; Victoria Spichnitsky ; 3 cr.
 61232 012 DIS, 8:00- 8:55 W, Mondale Hall 20, In Person Term Based; Justin Erickson ; 3 cr.
 61233 013 DIS, 8:00- 8:55 W, Mondale Hall 45, In Person Term Based; Emily McNeer ; 3 cr.
 61234 014 DIS, 8:00- 8:55 W, Mondale Hall 50, In Person Term Based; Gary Brisbin ; 3 cr.
 61235 051 DIS, 8:00- 8:55 Th, Mondale Hall N202, In Person Term Based; Garrett Mulrooney ; 3 cr.
 61236 021 DIS, 8:00- 8:55 W, Mondale Hall 40, In Person Term Based; Zachary Stephenson ; 3 cr.
 61237 022 DIS, 8:00- 8:55 W, Mondale Hall N202, In Person Term Based; Christopher McCullough ; 3 cr.
 61238 023 DIS, 8:00- 8:55 W, Mondale Hall N204, In Person Term Based; Tim Pramas ; 3 cr.
 61239 052 DIS, 8:00- 8:55 Th, Mondale Hall N204, In Person Term Based; Justin Templin ; 3 cr.
 61240 031 DIS, 8:00- 8:55 W, Mondale Hall 471, In Person Term Based; Steven Kerbaugh ; 3 cr.
 61241 032 DIS, 8:00- 8:55 W, Mondale Hall 473, In Person Term Based; Christopher Soper ; 3 cr.
 61242 033 DIS, 8:00- 8:55 W, Mondale Hall 475, In Person Term Based; Nicole Coon ; 3 cr.
 61243 034 DIS, 8:00- 8:55 W, Mondale Hall 3, In Person Term Based; Kyle Kroll ; 3 cr.
 61244 053 DIS, 8:00- 8:55 Th, Mondale Hall N209, In Person Term Based; David Hansen ; 3 cr.
 61245 041 DIS, 8:00- 8:55 W, Mondale Hall 5, In Person Term Based; Stephen Melchionne ; 3 cr.
 61246 042 DIS, 8:00- 8:55 W, Mondale Hall 7, In Person Term Based; Michelle Tessier ; 3 cr.
 61247 043 DIS, 8:00- 8:55 W, Mondale Hall 35, In Person Term Based; Anna Prakash ; 3 cr.
 61248 044 DIS, 8:00- 8:55 W, Mondale Hall 180, In Person Term Based; Beth Stack ; 3 cr.
 61249 054 DIS, 8:00- 8:55 Th, Mondale Hall 471, In Person Term Based; David Mortensen ; 3 cr.
 61250 024 DIS, 8:00- 8:55 W, Mondale Hall N209, In Person Term Based; Laura Farley ; 3 cr.
 66269 061 DIS, 8:00- 8:55 Th, Mondale Hall 473, In Person Term Based; Pamela Chandler ; 3 cr.
 66270 062 DIS, 8:00- 8:55 Th, Mondale Hall 475, In Person Term Based; Christopher Renz ; 3 cr.
 66271 063 DIS, 8:00- 8:55 Th, Mondale Hall 5, In Person Term Based; Amanda Porter ; 3 cr.
 66272 064 DIS, 8:00- 8:55 Th, Mondale Hall 7, In Person Term Based; Jen Macaulay ; 3 cr.
 67917 050 LEC, 9:05-10:00 Th, Mondale Hall 50, In Person Term Based; Christopher Soper, Andrew Martineau ; 3 cr.

6004 Property
 (A-F only;)
 61149 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; June Carbone ; 4 cr.
 61150 003 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.
 61207 005 LEC, 13:25-14:50 MW, Mondale Hall 55, 13:25-14:20 T, Mondale Hall 55, 13:25-14:50 W, Mondale Hall 55, In Person Term Based; Judith Younger ; 4 cr.
 66275 006 LEC, 13:25-14:50 MW, Mondale Hall 45, 13:25-14:20 T, Mondale Hall 45, 13:25-14:50 W, Mondale Hall 45, In Person Term Based; Brad Karkkainen ; 4 cr.

6009 Criminal Law
 (A-F only; Prereq: dept consent)
 61186 001 LEC, 11:15-12:10 WThF, Mondale Hall 20, 11:15-12:10 T, Mondale Hall 20, In Person Term Based; Richard Frase ; 3 cr.
 61188 003 LEC, 10:10-11:45 WTh, Mondale Hall 15, In Person Term Based; Neha Jain ; 3 cr.
 61290 004 LEC, 10:10-11:35 WTh, Mondale Hall 65, In Person Term Based; Kevin Reitz ; 3 cr.
 66274 005 LEC, 10:10-11:45 WTh, Mondale Hall 50, In Person Term Based; Susanna Blumenthal ; 3 cr.

6011 International Law: 1L

(A-F only;)

61208 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;)

61262 010 LEC, 14:30-16:00 T, Mondale Hall 30, In Person Term Based; Laura Thomas ; 3 cr.
 61263 011 DIS, 14:30-16:30 Th, Mondale Hall 3, In Person Term Based; Michael Gilliland ; 3 cr.
 61264 012 DIS, 14:30-16:30 Th, Mondale Hall 5, In Person Term Based; Madge Thorsen ; 3 cr.
 61265 013 DIS, 14:30-16:30 Th, Mondale Hall 7, In Person Term Based; Michael Unger ; 3 cr.
 61266 014 DIS, 16:40-18:40 Th, Mondale Hall 5, In Person Term Based; Robert Ambrose ; 3 cr.
 61267 015 DIS, 16:40-18:40 Th, Mondale Hall 7, In Person Term Based; Paul Jones ; 3 cr.
 61269 020 LEC, 14:30-16:00 T, Mondale Hall 20, In Person Term Based; Mitchell Zamoff ; 3 cr.
 61270 021 DIS, 14:30-16:30 Th, Mondale Hall 65, In Person Term Based; Michael Reif ; 3 cr.
 61271 022 DIS, 14:30-16:30 Th, Mondale Hall 55, In Person Term Based; Laura Walvoord ; 3 cr.
 61272 023 DIS, 14:30-16:30 Th, Mondale Hall 45, In Person Term Based ; 3 cr.
 61273 024 DIS, 16:40-18:40 Th, Mondale Hall 65, In Person Term Based; Rebekah Bailey ; 3 cr.
 61274 025 DIS, 16:40-18:40 Th, Mondale Hall 55, In Person Term Based; Amber Brennan ; 3 cr.
 61276 030 LEC, 14:30-16:00 T, Mondale Hall 40, In Person Term Based; William McGeeveran ; 3 cr.
 61277 031 DIS, 8:00-10:00 F, , In Person Term Based; Joseph Windler ; 3 cr.
 61278 032 DIS, 8:00-10:00 F, , In Person Term Based; Roshan Rajkumar ; 3 cr.
 61279 033 DIS, 8:00-10:00 F, Mondale Hall 5, In Person Term Based; Patricia Beety ; 3 cr.
 61280 034 DIS, 8:00-10:00 F, Mondale Hall 7, In Person Term Based; Joshua Colburn ; 3 cr.
 61281 035 DIS, 10:10-12:10 F, , In Person Term Based ; 3 cr.
 61283 040 LEC, 14:30-16:00 T, Mondale Hall 50, In Person Term Based; Randall Ryder ; 3 cr.
 61284 041 DIS, 8:00-10:00 F, Mondale Hall 35, In Person Term Based ; 3 cr.
 61285 042 DIS, 8:00-10:00 F, Mondale Hall 15, In Person Term Based; Kristin Hendrick ; 3 cr.
 61286 043 DIS, 8:00-10:00 F, Mondale Hall 3, In Person Term Based; Lee Hutton III ; 3 cr.
 61287 044 DIS, 8:00-10:00 F, , In Person Term Based ; 3 cr.
 61288 045 DIS, 10:10-12:10 F, , In Person Term Based; Reena Desai ; 3 cr.
 67519 016 DIS, 16:40-18:40 Th, Mondale Hall 20, In Person Term Based; Manda Sertich ; 3 cr.
 67520 017 DIS, 16:40-18:40 Th, , In Person Term Based; Anupama Sreekanth ; 3 cr.
 67521 026 DIS, 16:40-18:40 Th, Mondale Hall 45, In Person Term Based; Brett Olander ; 3 cr.
 67522 027 DIS, 16:40-18:40 Th, Mondale Hall 3, In Person Term Based; Alois Gross ; 3 cr.
 67528 036 DIS, 10:10-12:10 F, Mondale Hall 35, In Person Term Based; Tim Pramas ; 3 cr.
 67529 037 DIS, 10:10-12:10 F, Mondale Hall 15, In Person Term Based; Bobak Ha'Eri ; 3 cr.
 67530 046 DIS, 10:10-12:10 F, , In Person Term Based; Portia Hampton-Flowers ; 3 cr.
 67531 047 DIS, 10:10-12:10 F, Mondale Hall 5, In Person Term Based; Ashwin Madia ; 3 cr.

6015 Civil Procedure II: 1L

(A-F only;)

61218 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.
 61218 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;)

61342 001 LEC, 9:05-10:30 MT, Mondale Hall 40, 9:05-10:30 W, Mondale Hall 40, In Person Term Based; Meets With: 001 LAW 6076001 LAW 5076; David Fisher, Charles Meyer ; 3 cr.

6021 LL.M. Legal Writing and Legal Skills I

(A-F only;)

61357 001 LEC, 16:05-18:00 T, Mondale Hall 45, 14:30-15:25 F, , 14:30-15:25 T, , In Person Term Based; Karen Lundquist ; 3 cr.

6022 LL.M. Legal Writing and Legal Skills II

(A-F only;)

61300 001 LEC, 16:05-18:00 W, Mondale Hall 30, 13:25-14:20 F, Mondale Hall 45, 13:25-14:20 T, , In Person Term Based; Karen Lundquist ; 3 cr.
 61301 002 LEC, 16:05-18:00 Th, Mondale Hall 30, 13:25-14:20 F, No Room Required, 13:25-14:20 T, , In Person Term Based; Karen Lundquist ; 3 cr.

6025 Wrongful Convictions

(A-F only;)

61304 001 LEC, 10:10-12:10 Th, Mondale Hall N204, In Person Term Based; Julie Jonas ; 2 cr.

6027 Law of the Sea

(A-F only;)

66159 001 LEC, 13:25-15:25 T, Mondale Hall N202, In Person Term Based; Cheryl Krusen ; 2 cr.

6028 LL.M. Judicial Observation

(S-N only; Prereq: LL.M. student)

61198 001 FWK, In Person Term Based; Karen Lundquist ; 1-2 cr.

6036 Reproductive Rights

(A-F only;)

61221 001 LEC, 11:15-12:10 MTW, Mondale Hall N204, 11:15-12:10 W, Mondale Hall N204, In Person Term Based; Judith Younger ; 3 cr.

6041 Investment Management Law

(A-F only;)

61377 001 LEC, 16:05-18:00 Th, Mondale Hall 40, In Person Term Based; David Royal ; 2 cr.

6046 Human Trafficking

(A-F only;)

61378 001 LEC, 16:30-18:30 W, Mondale Hall 45, In Person Term Based; Lauren Ryan, Mark Kappelhoff ; 2 cr.

6049 Unincorporated Business Associations

(A-F only;)

65992 001 LEC, 13:25-14:20 WThF, Mondale Hall 3, 13:25-14:20 T, , In Person Term Based; Brett McDonnell, Jon Tynjala, William Klein ; 3 cr.

6051 Business Associations/Corporations

(A-F only;)

61326 001 LEC, 13:25-15:25 MT, Mondale Hall 35, 13:25-15:25 W, Mondale Hall 35, In Person Term Based; Meets With: 001 LAW 5051; Claire Hill ; 4 cr.

6055 Advanced Corporate Law

(A-F only;)

61365 001 LEC, 11:15-12:10 MTW, , 11:15-12:10 W, , In Person Term Based; John Matheson ; 3 cr.

6057 Judicial Externship

(P-F only;)

61154 001 LEC, In Person Term Based; Carol Chomsky ; 2-3 cr.

6058 Human Rights Advocacy

(A-F only;)

61222 001 LEC, 14:30-17:15 W, Social Sciences Building 278, In Person Term Based; Meets With: 001 GLOS 5403; Barbara Frey ; 3 cr.

6061 Financial Regulation

(A-F only;)

61223 001 LEC, 15:35-18:35 M, Mondale Hall 3, 15:35-18:35 W, Mondale Hall 3, In Person Term Based; Meets With: 001 LAW 5061; Niel Willardson, Joseph McGrath ; 3 cr.

6066 Saeks Public Interest Residency

(A-F only; Prereq: JD Students only; 6219 prereq or coreq; concurrent enrollment in 6067 required)

61332 001 LEC, 15:00-17:00 W, Mondale Hall 471, In Person Term Based; Amanda Furst ; 2 cr.

6067 Saeks Public Interest Residency Externship

(P-F only; Prereq: JD Students only; 6219 prereq or coreq; concurrent enrollment in 6066 required)

61333 001 FWK, In Person Term Based; Amanda Furst ; 8 cr.

6068 Information Access Practicum

(P-F only;)

65990 001 LEC, 16:05-18:00 T, Mondale Hall 473, In Person Term Based; Heidi Kitrosser ; 3 cr.

6071 International Law

(A-F only; Prereq: Upper division students only)

61251 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)**

61291 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;)**

61343 001 LEC, 9:05-10:30 MT, Mondale Hall 40, 9:05-10:30 W, Mondale Hall 40, In Person Term Based; Meets With: 001 LAW 6016001 LAW 5076; David Fisher, Charles Meyer ; 3 cr.

6078 Legislation and Regulation**(A-F only;)**

61364 001 LEC, 9:05-10:30 MT, Mondale Hall 30, 9:05-10:30 W, Mondale Hall 30, In Person Term Based; Meets With: 001 LAW 6018001 LAW 5078; Carol Chomsky ; 3 cr.
61369 002 LEC, 9:05-10:30 MT, Mondale Hall 50, 9:05-10:30 W, Mondale Hall 50, In Person Term Based; Meets With: 002 LAW 6018002 LAW 5078; Kristin Hickman ; 3 cr.

6081 Constitutional Law: 14th Amendment**(A-F only;)**

61363 001 LEC, 13:25-14:50 ThF, Mondale Hall 30, 13:25-14:50 T, Mondale Hall 30, In Person Term Based; Jill Hasday ; 3 cr.

6082 Constitutional Law: Civil Rights and Liberties Survey**(A-F only;)**

66001 001 LEC, 11:15-12:10 MTW, Mondale Hall N209, 11:15-12:10 W, Mondale Hall N209, In Person Term Based; Fred Morrison ; 3 cr.

6085 Criminal Procedure**(A-F only;)**

61292 001 LEC, 10:10-11:35 ThF, Mondale Hall 30, 10:10-11:35 T, Mondale Hall 30, In Person Term Based; Alan Rozenstein ; 3 cr.

6100 Taxation I**(A-F only;)**

61162 001 LEC, 8:35-10:00 WTh, Mondale Hall 65, In Person Term Based; Walter Pickhardt ; 3 cr.

6115 Civil Litigation: Case Development and Discovery**(A-F only;)**

61308 001 LEC, 10:10-12:10 Th, Mondale Hall 475, In Person Term Based; Craig Roen ; 2 cr.

6126 Water Law**(A-F only;)**

65989 001 LEC, 11:15-12:10 MTW, Mondale Hall 475, 11:15-12:10 W, Mondale Hall 475, In Person Term Based; Brad Karkkainen ; 3 cr.

6152 Federal Jurisdiction**(A-F only;)**

67509 001 LEC, 10:45-12:10 MT, Mondale Hall 15, 10:45-12:10 W, Mondale Hall 15, In Person Term Based; Adam Hansen ; 3 cr.

6203 Labor Law**(A-F only;)**

66904 001 LEC, 15:00-17:00 M, Mondale Hall 30, 15:00-17:00 W, Mondale Hall 30, In Person Term Based; Thomas Trachsel ; 2 cr.

6211 Federal Securities Regulation**(A-F only;)**

61199 001 LEC, 13:25-14:20 MTW, Mondale Hall 30, 13:25-14:20 W, Mondale Hall 30, In Person Term Based; Meets With: 001 LAW 5211; Richard Painter ; 3 cr.

6219 Evidence**(A-F only;)**

61194 001 LEC, 8:00- 8:55 MTW, Mondale Hall 55, 8:00- 8:55 W, Mondale Hall 55, In Person Term Based; Jon McClanahan Lee ; 3 cr.

6225 Winning Patent Litigation**(A-F only;)**

61312 001 LEC, 18:10-20:00 W, Mondale Hall 35, In Person Term Based; Timothy Grimsrud, Theodore Budd ; 2 cr.

6226 Juvenile Justice**(A-F only;)**

66284 001 LEC, 10:10-11:35 WTh, Mondale Hall 471, In Person Term Based; Perry Moriearty ; 3 cr.

6228 American Legal History**(A-F only;)**

67933 001 LEC, 13:25-15:25 Th, Mondale Hall 471, In Person Term Based; Meets With: 001 HIST 8645; Susanna Blumenthal ; 2 cr.

6229 Criminal Process: From Bail to Jail**(A-F only; Prerequisite, prereq: Criminal procedure recommended)**

66920 001 LEC, 18:10-21:00 M, Mondale Hall N204, 18:10-21:00 W, Mondale Hall N204, In Person Term Based; Joseph Thompson ; 3 cr.

6232 Patent Prosecution Practice II**(A-F only;)**

61256 001 LEC, 15:35-17:30 W, Mondale Hall 35, In Person Term Based; Meets With: 001 LAW 5232; Steven Shumaker, Kent Sieffert ; 3 cr.

6241 Patent Remedies**(A-F only;)**

66481 001 LEC, 14:30-16:30 M, Mondale Hall 7, In Person Term Based; Thomas Cotter ; 1 cr.

6244 Employee Benefits**(A-F only;)**

65993 001 LEC, 13:25-14:50 MT, Mondale Hall 65, 13:25-14:50 W, Mondale Hall 65, In Person Term Based; Amy Monahan ; 3 cr.

6245 Interviewing, Counseling, and Negotiating**(A-F only;)**

61203 001 LEC, 8:00-10:00 W, Mondale Hall 170, 9:05-10:00 M, Mondale Hall 170, In Person Term Based; Elizabeth Shields Thompson ; 3 cr.

6249 Evidence Drafting**(A-F only; Prereq: concurrent registration in 6219)**

61405 001 LEC, 9:05-10:00 W, Mondale Hall 15, In Person Term Based; Jon McClanahan Lee ; 1 cr.

6400 International Environmental Law**(A-F only;)**

66002 001 LEC, 15:35-17:30 M, Mondale Hall N204, 15:35-17:30 W, Mondale Hall N204, In Person Term Based; Fred Morrison ; 2 cr.

6413 Family Law Capstone**(A-F only;)**

61336 001 LEC, 15:35-18:30 M, Mondale Hall N202, 15:35-18:30 W, Mondale Hall N202, In Person Term Based; Gary Debele ; 3 cr.

6490 Patent Law Capstone: Innovation**(A-F only;)**

61302 001 LEC, 17:10-20:00 T, Mondale Hall 35, In Person Term Based; Meets With: 001 LAW 5290; Christopher Turoski ; 3 cr.

6601 International Business Transactions**(A-F only;)**

61200 001 LEC, 8:35-10:00 ThF, Mondale Hall 55, 8:35-10:00 T, Mondale Hall 55, In Person Term Based; Meets With: 001 LAW 5601; Joseph McGrath ; 3 cr.

6608 Trademarks**(A-F only;)**

61366 001 LEC, 17:35-19:00 MW, Mondale Hall 55, 17:35-19:00 W, Mondale Hall 55, In Person Term Based; Meets With: 001 LAW 5608; Kari Wangenstein, Christopher Schulte ; 3 cr.

6609 International Intellectual Property**(A-F only; Prereq: One prior or concurrent intellectual property course.)**

61389 001 LEC, 11:15-12:10 MTWTh, Mondale Hall N202, 11:15-12:10 MTWTh, Mondale Hall N202, 11:15-12:10 W, Mondale Hall N202, In Person Term Based; Thomas Cotter ; 3 cr.

6615 Jurisprudence**(A-F only;)**

61191 001 LEC, 13:25-14:20 MWF, Mondale Hall 5, 13:25-14:20 T, Mondale Hall 5, In Person Term Based; Meets With: 001 PHIL 5415; Brian Bix ; 3 cr.

6618 Trial Practice**(A-F only;)**

61163 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.

61164 002 LEC, 18:10-21:00 T, Mondale Hall 170, In Person Term Based; Andrew Dunne, Fred Karasov ; 3 cr.

61396 003 LEC, 17:30-20:20 Th, Mondale Hall 170, In Person Term Based; Deidre Aanstad, Peter Walsh ; 3 cr.

6619 International Trade**(A-F only;)**

67726 001 LEC, 13:25-14:20 MTW, Mondale Hall 7, 13:25-14:20 W, Mondale Hall 7, In Person Term Based; Oren Gross ; 3 cr.

6621 Civil Rights: Citizenship and Human Rights**(A-F only;)**

61220 001 LEC, 16:05-19:00 T, Mondale Hall 15, In Person Term Based; Christopher Roberts ; 3 cr.

6622 International Business Operation and Negotiation**(A-F only;)**

61372 001 LEC, 11:15-12:10 WThF, 11:15-12:10 T, Mondale Hall 7, In Person Term Based; Gilles Guyot ; 3 cr.

6626 Complex and Cross-Cultural Negotiations**(A-F only;)**

61307 001 LEC, 8:00-17:00 F, Hanson Hall 1-102, 8:00-17:00 F, Hanson Hall 1-102, 8:00-17:00 F, Hanson Hall 1-102, In Person Term Based; Meets With: 050 MGMT 6035; Paul Vaaler ; 2 cr.

6628 Advanced Trial Practice**(A-F only;)**

61169 001 LEC, 18:10-21:00 W, Mondale Hall 180, In Person Term Based; Craig Roen, Christian Wilton ; 3 cr.

6631 Employment Discrimination**(A-F only;)**

67254 001 LEC, 9:05-10:00 MTW, Mondale Hall 45, 9:05-10:00 W, Mondale Hall 45, In Person Term Based; Stephen Befort ; 3 cr.

6632 Employment Law**(A-F only;)**

65986 001 LEC, 11:15-12:10 MTW, Mondale Hall 45, 11:15-12:10 W, Mondale Hall 45, In Person Term Based; Stephen Befort ; 3 cr.

6644 Economic Analysis of Law**(A-F only;)**

61328 001 LEC, 10:10-11:35 MT, Mondale Hall 7, 10:10-11:35 W, Mondale Hall 7, In Person Term Based; Francesco Parisi ; 3 cr.

6650 Advanced Administrative Law**(A-F only;)**

61388 001 LEC, 13:25-14:50 MT, Mondale Hall 15, 13:25-14:50 W, Mondale Hall 15, In Person Term Based; Christopher Roberts ; 3 cr.

6661 Professional Responsibility - General**(A-F only;)**

61161 001 LEC, 8:00- 9:25 ThF, Mondale Hall 30, 8:00- 9:25 T, Mondale Hall 30, In Person Term Based; David Schultz ; 3 cr.

6663 Professional Responsibility - Civil Trial Lawyer**(A-F only;)**

61352 001 LEC, 10:10-11:35 ThF, Mondale Hall 55, 10:10-11:35 T, Mondale Hall 55, In Person Term Based; Martin Cole ; 3 cr.

6665 Professional Responsibility - Government**(A-F only;)**

66005 001 LEC, 10:10-11:05 MTW, Mondale Hall 45, 10:10-11:05 W, Mondale Hall 45, In Person Term Based; Richard Painter ; 3 cr.

6707 Intellectual Property Transactions**(A-F only;)**

61294 001 LEC, 16:05-18:00 Th, Mondale Hall 35, In Person Term Based; Meets With: 001 LAW 5707; Todd Fronek, Ryan Strom ; 2 cr.

6708 Terrorism, Counter-Terrorism, and International Law

(A-F only;)

67905 001 LEC, 16:05-18:00 Th, Mondale Hall N202, In Person Term Based; Krisztina Huszti Orban ; 2 cr.

6709 Agriculture and the Environment**(A-F only;)**

66906 001 LEC, 18:10-20:00 W, Mondale Hall 471, In Person Term Based; Jean Coleman, Mark Ten Eyck ; 2 cr.

6721 Corporate Bankruptcy**(A-F only;)**

61443 001 LEC, 14:30-15:25 MT, Mondale Hall 3, 14:30-15:25 W, Mondale Hall 3, In Person Term Based; Adam Ballinger ; 2 cr.

6800 International Contracts**(A-F only;)**

61338 001 LEC, 15:05-18:00 Th, Mondale Hall 180, In Person Term Based; Daniel Kennedy ; 3 cr.

6804 Government Secrecy**(A-F only;)**

65991 001 LEC, 15:35-17:30 M, Mondale Hall 473, 15:35-17:30 W, Mondale Hall 473, In Person Term Based; Heidi Kitrosser ; 2 cr.

6817 Practical Estate Planning**(A-F only;)**

61338 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;)**

61374 001 LEC, 16:30-18:30 Th, Mondale Hall N209, In Person Term Based; Andrew Mohring ; 2 cr.

6822 Legislative Process**(A-F only;)**

66004 001 LEC, 16:05-18:00 Th, Mondale Hall 471, In Person Term Based; Myron Orfield ; 2 cr.

6824 Genetics: Law and Ethics**(A-F only;)**

61217 001 LEC, 15:35-17:30 W, Mondale Hall N209, In Person Term Based; Meets With: 001 GCD 8920; June Carbone, Brian Van Ness ; 2 cr.

6827 Women's International Human Rights**(A-F only;)**

61254 001 LEC, 10:10-12:10 Th, Mondale Hall 473, In Person Term Based; Marsha Freeman ; 2 cr.

6832 Cybercrime and Cybersecurity**(A-F only; Prerequisite.)**

61298 001 LEC, 16:05-18:00 T, Mondale Hall 475, In Person Term Based; Alan Rozenstein ; 2 cr.

6833 Alternative Dispute Resolution**(A-F only;)**

66042 001 LEC, 10:10-12:10 W, Mondale Hall 170, In Person Term Based; Mitchell Zamoff ; 2 cr.

6835 Supreme Courts in Comparative Perspectives**(A-F only;)**

68001 001 LEC, 13:25-15:25 W, Mondale Hall 473, In Person Term Based; Neha Jain, Eric Bylander ; 2 cr.

6837 Contract Drafting**(A-F only;)**

61205 001 LEC, 15:35-17:30 M, Mondale Hall 15, 15:35-17:30 W, Mondale Hall 15, In Person Term Based; James Cownie ; 2 cr.

61213 002 LEC, 15:35-17:30 M, Mondale Hall 35, 15:35-17:30 W, Mondale Hall 35, In Person Term Based; David Fisher ; 2 cr.

66222 003 LEC, 13:25-15:25 Th, Mondale Hall 473, In Person Term Based; Helen Winder ; 2 cr.

66913 004 LEC, 16:05-18:00 T, Mondale Hall 3, In Person Term Based; John Yanish ; 2 cr.

68814 005 LEC, 13:25-15:25 Th, Mondale Hall N209, In Person Term Based; Donald Trevarthen ; 2 cr.

6843 Financial Crises and Scandals and How to Minimize Them**(A-F only;)**

68148 001 LEC, 16:05-18:00 T, Mondale Hall 65, In Person Term Based; William Black ; 2 cr.

6844 Advanced Real Estate Transactions**(A-F only;)**

61296 001 LEC, 16:30-18:30 T, Mondale Hall 5, In Person Term Based; Paul Moe ; 2 cr.

6845 Employment and Family-Based Immigration Law**(A-F only; Prereq: recommend Law 6872 Immigration Law)**

61380 001 LEC, 16:05-18:00 Th, Mondale Hall 50, In Person Term Based; Howard Myers, Sarah Peterson ; 2 cr.

6846 Philosophy of Punishment**(A-F only;)**

61226 001 LEC, 16:05-19:05 Th, Mondale Hall N204, In Person Term Based; Michael Tonry ; 3 cr.

6848 Appellate Advocacy**(A-F only;)**

66919 001 LEC, 15:35-17:30 M, Mondale Hall 45, 15:35-17:30 W, Mondale Hall 45, In Person Term Based; Steven Wells, Timothy Droske ; 2 cr.

6850 Criminal Punishment**(A-F only;)**

66903 001 LEC, 15:35-18:35 W, Mondale Hall N204, In Person Term Based; Kevin Reitz ; 3 cr.

6851 Practice-Ready Legal Research**(A-F only;)**

66041 001 LEC, 13:25-15:25 M, Mondale Hall 473, 13:25-15:25 W, Mondale Hall 473, In Person Term Based; Andrew Martineau ; 2 cr.

6857 Corporate Tax**(A-F only;)**

66273 001 LEC, 17:35-19:00 MW, Mondale Hall 15, 17:35-19:00 W, Mondale Hall 15, In Person Term Based; Beverly Luther ; 3 cr.

6863 Public Choice and Regulation**(A-F only;)**

61462 001 LEC, 15:35-17:30 M, Mondale Hall 471, 15:35-17:30 W, Mondale Hall 471, In Person Term Based; Francesco Parisi ; 2 cr.

6865 Law and Economics Workshop**(A-F only;)**

61334 001 LEC, 16:05-18:00 T, Mondale Hall 55, In Person Term Based; Claire Hill ; 2 cr.

6867 Practice Ready International Legal Research**(A-F only;)**

61353 001 LEC, 9:05-11:05 W, Mondale Hall 7, 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)**

61398 001 LEC, 16:05-18:00 M, Mondale Hall 475, 16:05-18:00 W, Mondale Hall 475, In Person Term Based; JaneAnne Murray ; 2 cr.

6871 Visual Advocacy**(A-F only;)**

68273 001 LEC, 16:05-17:00 W, Mondale Hall 180, In Person Term Based; Patrick Bottini, Katherine Sorensen, Chad Down ; 1 cr.

6876 Digital Evidence**(A-F only;)**

61390 001 LEC, 15:35-17:30 M, Mondale Hall N209, 15:35-17:30 W, Mondale Hall N209, In Person Term Based; Michael Hannon ; 2 cr.

6879 Poverty and Human Rights**(A-F only;)**

66157 001 LEC, 15:35-17:30 M, Mondale Hall 55, 15:35-17:30 W, Mondale Hall 55, In Person Term Based; Amanda Lyons Bolivar ; 2 cr.

6885 Advanced Environmental Law**(A-F only;)**

61375 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;)**

61341 001 LEC, 16:05-18:00 T, Mondale Hall N202, In Person Term Based; Cheryl Krusen ; 2 cr.

6889 Laws of War**(A-F only;)**

65988 001 LEC, 11:15-12:10 MTW, Mondale Hall 473, 11:15-12:10 W, Mondale Hall 473, In Person Term Based; Oren Gross ; 3 cr.

6890 Rule by Law in China: An Advanced Seminar**(A-F only;)**

61303 001 LEC, 15:35-17:30 M, Mondale Hall 65, 15:35-17:30 W, Mondale Hall 65, In Person Term Based; Chang Wang ; 2 cr.

6892 Comparative Criminal Procedure**(A-F only;)**

61331 001 LEC, 16:05-19:05 T, Mondale Hall N204, In Person Term Based; Michael Tonry ; 3 cr.

6893 Transitional Justice**(A-F only;)**

66003 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.

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.)

61381 001 LEC, 17:40-19:40 T, Mondale Hall 262, In Person Term Based; Christopher Soper, James Baillie ; 2 cr.

6901 Energy and Utility Law**(A-F only;)**

67923 001 LEC, 9:05-11:05 F, Mondale Hall 45, 9:05-11:05 T, Mondale Hall 45, In Person Term Based; Edward Garvey ; 2 cr.

6906 Public Law Workshop**(A-F only;)**

66300 001 LEC, 16:05-18:00 Th, Mondale Hall 473, In Person Term Based; Jill Hasday ; 2 cr.

6912 Law Firm Practice and Management**(A-F only;)**

66351 001 LEC, 16:05-18:00 T, Mondale Hall N209, In Person Term Based; Douglas Elsass ; 2 cr.

6925 Patent Law Proseminar**(S-N only;)**

66473 001 LEC, 16:05-17:00 T, Mondale Hall 35, In Person Term Based; Meets With: 001 LAW 5025; Christopher Turoski ; 1 cr.

6928 Cooperative Lawyering and Problem Solving Courts: Lawyers as Peacemakers**(P-F only;)**

61376 001 LEC, 16:05-18:00 T, Mondale Hall 471, In Person Term Based; Bruce Peterson ; 2 cr.

6949 Biotechnology & Patent Law**(A-F only;)**

61348 001 LEC, 18:10-20:00 Th, Mondale Hall 35, In Person Term Based; James Finn III, Teresa Lavoie ; 2 cr.

6960 Judicial Writing**(A-F only;)**

61370 001 LEC, 16:05-18:00 Th, Mondale Hall 15, In Person Term Based; Gordon Shumaker, Carrie Ryan Gallia ; 3 cr.

6999 Transfer**(P-F only;)**

61190 001 LEC, In Person Term Based; 1-50 cr.

7000 CL: Civil Practice**(A-F only;)**

61166 001 FWK, In Person Term Based; Jean Sanderson, Laura Thomas, Randall Ryder ; 3-4 cr.

7001 CL: Civil Practice Director**(A-F only; Prereq: dept consent)**

61170 001 LEC, In Person Term Based; Jean Sanderson, Laura Thomas ; 3 cr.

7003 Seminar: Student Legal Writing

Instructor
(A-F only ;)
61204 001 LEC, 8:00- 8:55 W, No Room Required, In Person Term Based; Christopher Soper ; 2 cr.
61391 002 LEC, 8:00- 8:55 Th, No Room Required, In Person Term Based; Christopher Soper ; 2 cr.
61392 003 LEC, In Person Term Based; Karen Lundquist ; 2 cr.
68244 005 LEC, In Person Term Based; Christopher Soper ; 2 cr.

7004 Seminar: Structured Study Group

Instructors
(S-N only ;)
61206 001 LEC, In Person Term Based; Carol Chomsky, Randall Ryder, Noelle Noonan ; 2 cr.

7008 CL: Insurance Law

(A-F only ;)
61306 001 FWK, 15:35-17:30 W, Mondale Hall 65, In Person Term Based; Meets With: 001 LAW 7009; Richard Allyn ; 2-3 cr.

7009 CL: Insurance Law Directors

(A-F only ;)
61315 001 FWK, 15:35-17:30 W, Mondale Hall 65, In Person Term Based; Meets With: 001 LAW 7008; Richard Allyn ; 2-3 cr.

7010 CL: Innocence

(A-F only ;)
61196 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 ;)
61215 001 FWK, 16:05-18:00 Th, Mondale Hall 475, In Person Term Based; Kevin Lee ; 3 cr.

7013 CL: Environment and Energy Law

Directors
(A-F only ;)
61219 001 FWK, In Person Term Based; Kevin Lee ; 2-3 cr.

7015 CL: Employment Law

(A-F only ;)
61197 001 FWK, 10:10-12:10 F, Mondale Hall 471, 10:10-12:10 T, Mondale Hall 471, In Person Term Based; Areti Georgopoulos, Jack Sullivan ; 2 cr.

7018 Intercollegiate Trial Team

(A-F only; Prereq: Trial practice)
61202 001 LEC, In Person Term Based; Craig Roen, Craig Buske ; 2 cr.

7025 NAAC/ABA Competition Team

(A-F only ;)
61171 001 LEC, 18:00-20:00 T, Mondale Hall 180, In Person Term Based; Chad Pennington ; 1 cr.

7030 CL: Consumer Protection

(A-F only ;)
61228 001 FWK, In Person Term Based; Meets With: 001 LAW 7031; Prentiss Cox ; 3-4 cr.

7031 CL: Consumer Protection Directors

(A-F only ;)
61229 001 FWK, In Person Term Based; Meets With: 001 LAW 7030; Prentiss Cox ; 3 cr.

7036 Environmental Law Moot Court

Director
(A-F only; Prereq: dept consent)
61172 001 LEC, 12:15-13:10 W, , In Person Term Based; Meets With: 001 LAW 7035; Collette Adkins ; 1 cr.

7037 Jeffrey G. Miller National

Environmental Moot Court Competition
(A-F only; Prereq: dept consent)
66954 001 LEC, In Person Term Based; David Patton ; 1 cr.

7040 CL: Community Mediation

(A-F only ;)
61310 001 FWK, In Person Term Based; Elise Chambers, Dawn Zugay ; 3 cr.

7041 CL:Community Mediation Directors

(A-F only ;)

61311 001 FWK, In Person Term Based; Elise Chambers, Dawn Zugay ; 2-3 cr.

7042 CL: Federal Immigration Litigation

(A-F only ;)
61318 001 FWK, 15:35-17:30 W, Mondale Hall 7, In Person Term Based; Ben Casper, Stacy Taeuber, Graham Ojala-Barbour, Mirella Ceja-Orozco, Sally Silk, John Bruning ; 3-4 cr.

7043 CL: Federal Immigration Litigation

Director
(A-F only ;)
61227 001 LEC, In Person Term Based; Ben Casper, Stacy Taeuber, Graham Ojala-Barbour, Mirella Ceja-Orozco, Sally Silk, John Bruning ; 3 cr.

7048 Moot Court Competition Team

(A-F only ;)
68329 001 LEC, In Person Term Based; 2 cr.
68624 002 LEC, In Person Term Based; Linus Chan ; 2 cr.

7055 Civil Rights/Civil Liberties Moot Court

(A-F only; Prereq: JD student)
61157 001 LEC, In Person Term Based; Paul Dworak ; 1 cr.
61158 002 LEC, In Person Term Based; Tracy Tool ; 1 cr.
61192 003 LEC, In Person Term Based; John Neve ; 1 cr.
66238 004 LEC, In Person Term Based; Kelly Mitchell ; 1 cr.

7056 Civil Rights/Civil Liberties Moot Court

Directors
(A-F only; Prereq: dept consent)
61173 001 LEC, In Person Term Based; Christopher Soper ; 1 cr.

7058 Civil Rights/Civil Liberties Moot Court

Managing Director
(A-F only ;)
61175 001 LEC, In Person Term Based; Christopher Soper ; 1 cr.

7065 National Moot Court

(A-F only; Prereq: dept consent)
61160 001 LEC, In Person Term Based; Andrew Leiendecker, Kyle Hardwick ; 1 cr.

7066 National Moot Court Director

(A-F only; Prereq: dept consent)
61176 001 LEC, In Person Term Based; Kyle Hardwick, Andrew Leiendecker ; 1 cr.

7067 National Moot Court Administrative

Director
(A-F only; Prereq: dept consent)
61177 001 LEC, In Person Term Based; Kyle Hardwick, Andrew Leiendecker ; 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)
61178 001 LEC, In Person Term Based; Andrew Leiendecker, Kyle Hardwick ; 1 cr.

7075 International Moot Court

(A-F only; Prereq: dept consent)
61153 001 LEC, 19:00-21:00 M, Mondale Hall 65, In Person Term Based; Laura Matson, Fawn Wilderson-Legros ; 1 cr.

7076 International Moot Court Director

(A-F only ;)
61179 001 LEC, 19:00-21:00 M, , In Person Term Based; Fawn Wilderson-Legros, Laura Matson ; 1 cr.

7079 International Moot Court Competition

Team
(A-F only ;)
66474 001 LEC, In Person Term Based; Geoffrey Larson ; 1 cr.

7085 Intellectual Property Moot Court

(A-F only; Prereq: dept consent)
61152 001 LEC, 18:35-20:35 T, , In Person Term Based; Emily Wessels, Alexandria Christian ; 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)
61180 001 LEC, In Person Term Based; Alexandria Christian, Emily Wessels ; 1 cr.

7087 Intellectual Property Moot Court

Director
(A-F only; Prereq: dept consent)
61181 001 LEC, In Person Term Based; Emily Wessels, Alexandria Christian ; 1 cr.

7092 CL: Bankruptcy Clinic

(A-F only ;)
61319 001 FWK, 15:35-17:30 T, Mondale Hall 170, In Person Term Based; Meets With: 001 LAW 7093; Clinton Cutler, Christopher Wilcox ; 3 cr.

7093 CL: Bankruptcy Clinic Director

(A-F only; Prereq: dept consent)
61320 001 FWK, 15:35-17:30 T, Mondale Hall 170, In Person Term Based; Meets With: 001 LAW 7092; Clinton Cutler, Christopher Wilcox ; 2-3 cr.

7097 William McGee Civil Rights Moot

Court Competition Team
(A-F only ;)
61182 001 LEC, In Person Term Based; Christopher Soper ; 1 cr.

7098 CL: Indian Child Welfare Act

(A-F only ;)
61321 001 FWK, In Person Term Based; Shannon Smith, Andrea Braun ; 2 cr.

7099 CL: Indian Child Welfare Clinic

Director
(A-F only; Prereq: dept consent)
61322 001 FWK, In Person Term Based; Shannon Smith, Andrea Braun ; 2 cr.

7100 Law Review Editors

(S-N only; Prereq: instr consent)
61156 001 LEC, In Person Term Based; Kristin Hickman ; 2 cr.

7102 Law Review: Research & Writing

(P-F only ;)
61211 001 LEC, In Person Term Based; Kristin Hickman ; 1 cr.
61424 002 LEC, In Person Term Based; Susanna Blumenthal ; 1 cr.
61425 003 LEC, In Person Term Based; Ann Burkhardt ; 1 cr.
61426 004 LEC, In Person Term Based; Ben Casper ; 1 cr.
61427 005 LEC, In Person Term Based; Bradley Clary ; 1 cr.
61428 006 LEC, In Person Term Based; Thomas Cotter ; 1 cr.
61429 007 LEC, In Person Term Based; Richard Frase ; 1 cr.
61430 008 LEC, In Person Term Based; Garry Jenkins ; 1 cr.
61431 009 LEC, In Person Term Based; Brad Karkkainen ; 1 cr.
61432 010 LEC, In Person Term Based; Heidi Kitrosser ; 1 cr.
61433 011 LEC, In Person Term Based; John Matheson ; 1 cr.
61434 012 LEC, In Person Term Based; Jon McClanahan Lee ; 1 cr.
61435 013 LEC, In Person Term Based; Brett McDonnell ; 1 cr.
61436 014 LEC, In Person Term Based; Amy Monahan ; 1 cr.
61437 015 LEC, In Person Term Based; Perry Moriearty ; 1 cr.
61438 016 LEC, In Person Term Based; Myron Orfield ; 1 cr.
61439 017 LEC, In Person Term Based; Richard Painter ; 1 cr.
61455 018 LEC, In Person Term Based; Kevin Reitz ; 1 cr.
61456 019 LEC, In Person Term Based; Daniel Schwarcz ; 1 cr.
61457 020 LEC, In Person Term Based; Robert Stein ; 1 cr.

7117 CL: Civil Rights Enforcement

(A-F only ;)
61309 001 FWK, 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)
61155 001 LEC, In Person Term Based; June Carbone ; 2 cr.

7202 Law & Inequality Journal: Research & Writing

(P-F only ;)
61212 001 LEC, In Person Term Based; June Carbone ; 1 cr.
61440 002 LEC, In Person Term Based; Carol Chomsky ; 1 cr.
61441 003 LEC, In Person Term Based; Stephen Befort ; 1 cr.
61442 004 LEC, In Person Term Based; Linus Chan ; 1 cr.
67649 005 LEC, In Person Term Based; Prentiss Cox ; 1 cr.
67650 006 LEC, In Person Term Based; Jill Hasday ; 1 cr.

67651 007 LEC, In Person Term Based; Heidi Kitrosser ; 1 cr.
 67652 008 LEC, In Person Term Based; Perry Moriearty ; 1 cr.
 67653 009 LEC, In Person Term Based; JaneAnne Murray ; 1 cr.
 67654 010 LEC, In Person Term Based; Myron Orfield ; 1 cr.
 67655 011 LEC, In Person Term Based; Christopher Roberts ; 1 cr.

7246 CL: Housing Law

(A-F only;)

66216 001 FWK, 15:35-17:30 W, Mondale Hall 55, In Person Term Based; 3 cr.

7300 Minnesota Journal of International Law Editor

(S-N only;)

61159 001 LEC, In Person Term Based; Oren Gross ; 2 cr.

7302 Journal of International Law: Research & Writing

(P-F only;)

61210 001 LEC, In Person Term Based; Oren Gross ; 1 cr.
 61407 002 LEC, In Person Term Based; Marsha Freeman ; 1 cr.
 61408 003 LEC, In Person Term Based; Jennifer Green ; 1 cr.
 61409 004 LEC, In Person Term Based; Bradley Clary ; 1 cr.
 61410 005 LEC, In Person Term Based; Claire Hill ; 1 cr.
 61411 006 LEC, In Person Term Based; Amanda Lyons Bolivar ; 1 cr.
 61412 007 LEC, In Person Term Based; Stephen Meili ; 1 cr.
 61413 008 LEC, In Person Term Based; Fionnuala Ni Aolain ; 1 cr.
 61414 009 LEC, In Person Term Based; Christopher Roberts ; 1 cr.
 61415 010 LEC, In Person Term Based; Robert Stein ; 1 cr.
 61461 011 LEC, In Person Term Based; Christopher Soper ; 1 cr.

7400 CL: Human Rights Litigation and International Legal Advocacy

(A-F only;)

61214 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)

61216 001 FWK, In Person Term Based; Jennifer Green ; 3 cr.

7420 CL: Family Law

(A-F only;)

61316 001 FWK, In Person Term Based; Laura Thomas ; 3-4 cr.

7421 CL: Family Law Directors

(A-F only;)

61317 001 FWK, In Person Term Based; Laura Thomas ; 3 cr.

7500 CL: Criminal Defense

(A-F only; Prereq: Law 6219)

61395 001 FWK, 15:35-17:30 W, Mondale Hall 170, In Person Term Based; Meets With: 001 LAW 7501; Mary Moriarty ; 2 cr.

7501 CL: Criminal Defense Directors

(A-F only; Prereq: dept consent)

61387 001 FWK, 15:35-17:30 W, Mondale Hall 170, 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.)

61195 001 FWK, In Person Term Based; Richard Frase ; 3 cr.

7600 Minnesota Journal of Law, Science, and Technology Editor

(S-N only;)

61168 001 LEC, In Person Term Based; Ralph Hall ; 2 cr.

7602 Journal of Law, Science & Technology: Research & Writing

(P-F only;)

61209 001 LEC, In Person Term Based; Ralph Hall ; 1 cr.
61416 002 LEC, In Person Term Based; Thomas Cotter ; 1 cr.

61417 003 LEC, In Person Term Based; Claire Hill ; 1 cr.
 61418 004 LEC, In Person Term Based; Brad Karkkainen ; 1 cr.
 61419 005 LEC, In Person Term Based; William McGeveran ; 1 cr.
 61420 006 LEC, In Person Term Based; Amy Monahan ; 1 cr.
 61421 007 LEC, In Person Term Based; Richard Painter ; 1 cr.
 61422 008 LEC, In Person Term Based; Charles Ragan ; 1 cr.
 61423 009 LEC, In Person Term Based; Alan Rozenstein ; 1 cr.
 67656 010 LEC, In Person Term Based; Susan Wolf ; 1 cr.
 67657 011 LEC, In Person Term Based; Mitchell Zamoff ; 1 cr.

7606 Independent Research and Writing

(A-F only; Prereq: Law student. Non-law students may enroll in LAW 5908 or LAW 7608.)

66071 001 IND, In Person Term Based; Daniel Schwarcz ; 1-2 cr.

7607 Independent Field Placement - Experiential

(P-F only;)

66076 001 FWK, In Person Term Based; Mitchell Zamoff ; 1-3 cr.
66077 002 FWK, In Person Term Based; Christopher Turoski ; 1-3 cr.**7608 Independent Research and Writing**

(A-F only;)

66080 001 IND, In Person Term Based; John Matheson ; 1-2 cr.
66081 002 IND, In Person Term Based; Ann Burkhardt ; 1-2 cr.
66082 003 IND, In Person Term Based; Allan Erbsen ; 1-2 cr.**7609 Independent Field Placement**

(S-N only;)

66085 001 FWK, In Person Term Based; ; 1-3 cr.

7621 Immigration Law Field Placement

(S-N only;)

61344 001 FWK, In Person Term Based; Ben Casper, Deepinder Mayell ; 1-3 cr.

7623 Public Interest Field Placement

(P-F only;)

61464 001 FWK, In Person Term Based; Amanda Furst ; 1 cr.

7632 Human Rights Law Field Placement

(P-F only; Prerequisite: Law 6886 International Human Rights Law or Law 6011/6071 International Law.)

61393 001 FWK, In Person Term Based; Amanda Lyons Bolivar ; 2 cr.

7640 Remote Semester Field Placement

(P-F only;)

66352 001 FWK, In Person Term Based; Amanda Furst ; 10 cr.

7675 CL: Child Advocacy and Juvenile Justice

(A-F only;)

61183 001 FWK, In Person Term Based; Jean Sanderson, Perry Moriearty ; 3-4 cr.

7676 CL: Child Advocacy Director

(A-F only; Prereq: dept consent)

61399 001 FWK, In Person Term Based; Jean Sanderson, Perry Moriearty ; 3 cr.

7700 Off-Campus Legal Studies

(S-N only; Prereq: dept consent)

61189 001 LEC, In Person Term Based; 0-18 cr.

7750 CL: Community Legal Partnership for Health

(A-F only;)

61230 001 FWK, 17:30-19:30 M, No Room Required, 17:30-19:30 W, , In Person Term Based; Joanne Flint ; 2-3 cr.

7751 CL: Community Legal Partnership for Health Directors

(A-F only;)

61313 001 FWK, In Person Term Based; Joanne Flint ; 2-3 cr.

7842 CL: Immigration and Human Rights

(A-F only;)

61323 001 FWK, 15:35-17:30 W, Mondale Hall N202, In Person Term Based; Stephen Meili, Emily Good ; 3-4 cr.

7843 CL: Immigration Clinic Director

(A-F only; Prereq: dept consent)

61324 001 FWK, In Person Term Based; Stephen Meili, Emily Good ; 3 cr.

7844 CL: Detainee Rights

(A-F only;)

61305 001 FWK, 15:35-17:30 W, Mondale Hall 473, In Person Term Based; Linus Chan, Kathy Moccio ; 3-4 cr.

7845 CL: Detainee Rights Clinic Director

(A-F only;)

61314 001 FWK, In Person Term Based; Linus Chan, Kathy Moccio ; 3 cr.

7860 CL: Business Law

(A-F only;)

61325 001 FWK, 15:35-17:30 W, Mondale Hall 475, In Person Term Based; Emily Buchholz ; 3 cr.

7910 CL: Rural Immigrant Access

(A-F only;)

67924 001 FWK, 15:35-17:05 W, Mondale Hall 5, In Person Term Based; Deepinder Mayell ; 2 cr.

7950 CL: Tax

(A-F only; Prereq or coreq Law 6106; Recommend Law 6100)

61167 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)

61184 001 LEC, In Person Term Based; Caleb Smith ; 3 cr.

Leadership Education (LEAD)**1961W Personal Leadership in the University**

(A-F only; WI)

63821 009 LEC, 11:15-12:30 TTh, 10 Church Street SE 311, In Person Term Based; Evonne Bilotta-Burke ; 3 cr.
 63824 005 LEC, 9:45-11:00 TTh, 10 Church Street SE 303, In Person Term Based; Chelsea Garcia, Joseph Ballard II ; 3 cr.
 63825 011 LEC, 13:00-14:15 TTh, 10 Church Street SE 303, In Person Term Based; Naim Madyun ; 3 cr.
 63826 020 LEC, Completely Online; Joayne Larson ; 3 cr.
 63828 021 LEC, Completely Online; Jennifer Pollard ; 3 cr.
 63829 014 LEC, 14:30-15:45 TTh, 10 Church Street SE 311, In Person Term Based; Kevin Gerdes ; 3 cr.
 63830 003 LEC, 8:15- 9:30 TTh, 10 Church Street SE 311, In Person Term Based; Yvonne Kinney ; 3 cr.
 63831 010 LEC, 13:00-14:15 MW, 10 Church Street SE 311, In Person Term Based; Holly Smith ; 3 cr.
 63832 012 LEC, 14:30-15:45 MW, 10 Church Street SE 311, In Person Term Based; Karmen McQuitty ; 3 cr.
 63833 022 LEC, Completely Online; Jenny Steiner ; 3 cr.
 63834 008 LEC, 11:15-12:30 TTh, Ford Hall 150, In Person Term Based; Amanda Temple, Arien Telles ; 3 cr.
 63835 007 LEC, 11:15-12:30 MW, Blegen Hall 230, In Person Term Based; Simone Gbolo, Sheri Hixon ; 3 cr.
 63836 006 LEC, 11:15-12:30 MW, 10 Church Street SE 311, In Person Term Based; Evan Witt ; 3 cr.
 63844 001 LEC, 8:15- 9:30 MW, 10 Church Street SE 311, In Person Term Based; Janna Krawczyk ; 3 cr.
 63845 004 LEC, 9:45-11:00 TTh, 10 Church Street SE 311, In Person Term Based; Anise Mazone ; 3 cr.
 63848 015 LEC, 16:00-17:15 MW, 10 Church Street SE 303, In Person Term Based; Abbie Finger ; 3 cr.
 63926 013 LEC, 14:30-15:45 TTh, Appleby Hall 201, In Person Term Based; Meagan Hagerty ; 3 cr.
 63927 023 LEC, Completely Online; Crystal Harris ; 3 cr.
 63944 025 LEC, Completely Online; Brianne Johnson ; 3 cr.
 63946 017 LEC, 16:00-17:15 TTh, 10 Church Street SE 303, In Person Term Based; Laura Wiesner, Sara Schoen ; 3 cr.
 63947 024 LEC, Completely Online; Traci Thomas-Card ; 3 cr.
 68179 002 LEC, 8:15- 9:30 MW, 10 Church Street SE 303, In Person Term Based; Brian Long ; 3 cr.
 68180 018 LEC, 13:00-14:15 TTh, 10 Church Street SE 311, In Person Term Based; David Hellstrom ; 3 cr.
 68216 019 LEC, 17:30-20:00 W, 10 Church Street SE 311, In Person Term Based; Josh Edgar ; 3 cr.
 68275 026 LEC, 9:45-11:00 MW, Appleby Hall 303, In Person Term Based; Andrea Breen ; 3 cr.

3961 Leadership, You, and Your Community

(A-F only;)

63822 004 LEC, 13:00-14:15 MW, 10 Church Street SE 303, In Person Term Based; Ben Marcy ; 3 cr.

63843 005 LEC, 14:30-15:45 TTh, 10 Church Street SE 303, In Person Term Based; Jessica Chung, Brianne Johnson ; 3 cr.
 63846 002 LEC, 11:15-12:30 MW, 10 Church Street SE 303, In Person Term Based; Tania Mitchell ; 3 cr.
 63849 003 LEC, 11:15-12:30 TTh, 10 Church Street SE 303, In Person Term Based; Margaret Harris ; 3 cr.
 63928 001 LEC, 9:45-11:00 MW, 10 Church Street SE 311, In Person Term Based; Ben Marcy ; 3 cr.
 63945 006 LEC, 16:00-17:15 MW, Blegen Hall 115, In Person Term Based; Simone Gbolo ; 3 cr.
 68176 007 LEC, 17:30-20:00 Th, 10 Church Street SE 303, In Person Term Based; Rebecca Bergner ; 3 cr.

3971 Leadership Minor: Field Experience (A-F only;)

63837 001 FWK, 9:45-11:00 MW, 10 Church Street SE 303, In Person Term Based; Colleen Clements ; 3 cr.
 63840 002 FWK, 10:00-12:30 F, 10 Church Street SE 303, In Person Term Based; Christine Ve Lure Roholt ; 3 cr.
 63841 003 FWK, 14:30-15:45 MW, Blegen Hall 120, In Person Term Based; Megan Voorhees ; 3 cr.
 63930 004 FWK, 17:30-20:00 W, 10 Church Street SE 303, In Person Term Based; Jeff Stafford ; 3 cr.

4961W Leadership for Global Citizenship (A-F only; GP,WI)

63827 001 LEC, 8:15- 9:30 TTh, 10 Church Street SE 303, In Person Term Based; Aaron Asmundson ; 3 cr.
 63838 002 LEC, 14:30-15:45 MW, 10 Church Street SE 303, In Person Term Based; Jeff Stafford ; 3 cr.
 63847 003 LEC, 10:00-12:30 F, 10 Church Street SE 311, In Person Term Based; Margaret Harris ; 3 cr.
 63931 004 LEC, 18:30-21:00 M, 10 Church Street SE 311, 18:30-21:00 M, 10 Church Street SE 311, 18:30-21:00 M, 10 Church Street SE 311, 18:30-21:00 M, 10 Church Street SE 311, 18:30-21:00 M, 10 Church Street SE 311, Partially Online; Jeff Stafford ; 3 cr.

Learning and Academic Skills (LASK)

1001 Mastering Skills for College Success (Student Option;)

50728 001 LEC, 10:10-11:00 MW, Peik Hall 375, In Person Term Based; 2 cr.
 50729 002 LEC, 11:15-12:05 MW, Appleby Hall 303, In Person Term Based; 2 cr.
 50730 003 LEC, 10:10-11:00 TTh, Appleby Hall 103, In Person Term Based; Nisma Elias ; 2 cr.
 50731 004 LEC, 11:15-12:05 TTh, Appleby Hall 103, In Person Term Based; Finn Schneider ; 2 cr.
 50732 006 LEC, 14:30-15:20 TTh, Peik Hall 375, In Person Term Based; Nisma Elias ; 2 cr.
 50800 005 LEC, 12:20-14:15 T, Appleby Hall 103, In Person Term Based; Kelly Collins ; 2 cr.
 66126 007 LEC, 00:00-00:00 , ONLINE, Completely Online; Carmine Perrotti ; 2 cr.

1101 Academic Refresher

(S-N or Audit; Prereq: instr consent)
 50733 001 LEC, 9:05- 9:55 M, Appleby Hall 304, In Person Term Based; Jenny Steiner ; 1 cr.

1102 Academic Success

(S-N only;)
 51162 001 LEC, 15:35-16:25 M, Appleby Hall 304, In Person Term Based; Kelly Collins ; 2 cr.
 51182 002 LEC, 9:05- 9:55 T, Appleby Hall 304, In Person Term Based; Finn Schneider ; 2 cr.
 51183 003 LEC, 15:35-16:25 T, Appleby Hall 304, In Person Term Based; Jenny Steiner ; 2 cr.

Liberal Studies (LS)

Linguistics (LING)

1701 Language and Society

(Student Option; DSJ)
 54237 050 LEC, 18:10-20:35 W, Peik Hall 375, In Person Term Based; Maria Heath ; 4 cr.
 54238 051 DIS, 20:45-21:35 W, Wulling Hall 240, In Person Term Based; 4 cr.

1705W World Englishes: The Linguistics of English-based varieties around the globe (Student Option; GP,WI,SOCS)

68167 001 LEC, 11:15-12:30 TTh, Nicholson Hall 315, In Person Term Based; Claire Halpert ; 4 cr.
 68169 002 DIS, 11:15-12:05 F, Nicholson Hall 315, In Person Term Based; 4 cr.
 68171 003 DIS, 10:10-11:00 F, Nicholson Hall 315, In Person Term Based; 4 cr.

1800 Topics in Linguistics

(Student Option;)
 66624 001 LEC, 14:30-15:45 TTh, Wulling Hall 220, In Person Term Based; Jean-Philippe Marcotte ; 1-4 cr.

1911W Linguistics and Biology

(Student Option No Audit; WI)
 66015 001 DIS, 13:15-15:45 F, Elliott Hall S225, In Person Term Based; Jeanette Gundel ; 3 cr.

3001 Introduction to Linguistics

(Student Option; SOCS)
 53043 001 LEC, 11:15-12:05 MWF, Armory Building 116, In Person Term Based; Jean-Philippe Marcotte ; 4 cr.
 53044 002 DIS, 11:15-12:05 T, Appleby Hall 303, In Person Term Based; 4 cr.
 53045 003 DIS, 11:15-12:05 Th, Appleby Hall 303, In Person Term Based; 4 cr.
 54244 050 LEC, 18:10-20:35 T, Rapson Hall 43, In Person Term Based; Dustin Chacon ; 4 cr.
 54245 051 DIS, 20:45-21:35 T, Ford Hall 127, In Person Term Based; 4 cr.
 54246 052 DIS, 20:45-21:35 T, Wulling Hall 240, In Person Term Based; 4 cr.

3001H Honors: Introduction to Linguistics

(A-F only; Prereq: Honors student or instr consentSOCS)
 54681 001 LEC, 13:00-14:15 MW, Wulling Hall 220, In Person Term Based; Dustin Chacon ; 4 cr.
 54682 002 DIS, 13:00-13:50 F, Nicholson Hall 145, In Person Term Based; 4 cr.

3052V Honors: Thesis

(A-F only; WI)
 66014 001 DIS, 12:00-15:00 F, Peik Hall 315, 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)
 52631 001 LEC, 16:00-17:15 TTh, Elliott Hall N647, In Person Term Based; Meets With: 001 LING 5601; John Harkness ; 3 cr.

4201 Syntax I

(Student Option; Prereq: 3001 or 3001H or 5001 or instr consent)
 53970 001 LEC, 9:45-11:00 TTh, Elliott Hall N647, In Person Term Based; Jason Overfelt ; 3 cr.

4302W Phonology I

(Student Option; Prereq: 3001 or 3001H or 5001 or instr consentWI)
 53971 001 LEC, 11:15-12:30 TTh, Ford Hall 130, In Person Term Based; Anna Lubowicz ; 3 cr.

4901W Capstone Seminar in Linguistics

(S-N only; Prereq: Ling major, [jr or sr]WI)
 52622 001 LEC, 12:15-15:15 F, Peik Hall 375, In Person Term Based; Jean-Philippe Marcotte ; 3 cr.

5106 Field Methods in Linguistics II

(Student Option; Prereq: [5105, grad major] or instr consent)
 55213 001 FWK, 14:30-16:25 TTh, Nicholson Hall 355, In Person Term Based; Meets With: 001 LING 8106; Dustin Chacon ; 4 cr.

5202 Syntactic Theory II

(Student Option; Prereq: 5201 or instructor consent. LING 5201 is directed towards honors students and graduate students.)
 54661 001 LEC, 13:00-14:15 TTh, Elliott Hall S225, In Person Term Based; Jason Overfelt ; 3 cr.

5206 Linguistic Pragmatics

(Student Option; Prereq: [4201 or 5201] or instr consent)
 54492 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.)

54660 001 LEC, 11:15-12:30 MW, Wulling Hall 220, In Person Term Based; Anna Lubowicz ; 3 cr.

5462 Field Research in Spoken Language

(Student Option; Prereq: 3001 or 3001H or 5001 or instr consent)
 66017 001 DIS, 14:30-15:45 TTh, Ford Hall B60, In Person Term Based; Polly Sztatowski ; 3 cr.

5601 Historical Linguistics

(Student Option; Prereq: 3001 or 3011H or 5001)
 53385 001 LEC, 16:00-17:15 TTh, Elliott Hall N647, 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)
 53972 001 LEC, 13:00-14:15 MW, Peik Hall 215, In Person Term Based; Brian Reese ; 3 cr.

5900 Topics in Linguistics

(Student Option;)
 66218 001 LEC, 11:15-12:30 TTh, Ford Hall 155, In Person Term Based; Meets With: 001 LING 8900; Polly Sztatowski ; 1-4 cr.
 66219 002 LEC, 9:45-11:00 MW, Ford Hall 155, In Person Term Based; Meets With: 002 LING 8900; Michael Kac ; 1-4 cr.
 66727 003 LEC, 9:45-11:00 TTh, Ford Hall 155, In Person Term Based; Meets With: 003 LING 8900; Hooi Ling Soh ; 1-4 cr.

5993 Directed Study

(Student Option; Prereq: instr consent, dept consent, college consent.)
 52621 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
 53110 002 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
 53365 003 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
 53366 004 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
 53525 005 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
 54567 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])
 53378 001 DIS, 12:00-15:00 F, Peik Hall 315, In Person Term Based; Meets With: 001 LING 8888W001 LING 3052V; Jason Overfelt ; 3 cr.

8106 Field Methods in Linguistics II

(Student Option; Prereq: 8105 (taken in same academic yr))
 55214 001 FWK, 14:30-16:25 TTh, Nicholson Hall 355, In Person Term Based; Meets With: 001 LING 5106; Dustin Chacon ; 4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
 52798 001 IND, In Person Term Based; Claire Halpert ; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
 52821 001 IND, In Person Term Based; Claire Halpert ; 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)
 52846 001 IND, In Person Term Based; Claire Halpert ; 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])
 52866 001 IND, In Person Term Based; Claire Halpert ; 1-18 cr.

8888 Thesis Credit: Doctoral

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

52898 001 IND, 00:00-00:00 , , In Person Term Based; Claire Halpert ; 1-24 cr.

8888W Thesis Credit Dissertation Seminar
(No Grade Associated; Prereq: Doctoral student who has passed oral prelims)

54132 001 IND, 12:00-15:00 F, Peik Hall 315, In Person Term Based; Meets With: 001 LING 8005001 LING 3052V; Jason Overfelt ; 1-3 cr.

8900 Seminar: Topics in Linguistics
(Student Option; Prereq: instr consent)

62220 001 DIS, 11:15-12:30 TTh, Ford Hall 155, In Person Term Based; Meets With: 001 LING 5900; Polly Sztatowski ; 3 cr.
62221 002 DIS, 9:45-11:00 MW, Ford Hall 155, In Person Term Based; Meets With: 002 LING 5900; Michael Kac ; 3 cr.
62753 003 DIS, 9:45-11:00 TTh, Ford Hall 155, In Person Term Based; Meets With: 003 LING 5900; Hooi Ling Soh ; 3 cr.

8921 Seminar in Language and Cognition
(Student Option; Prereq: instr consent)

55288 001 DIS, 13:00-14:15 TTh, Ford Hall 155, In Person Term Based; Jeanette Gundel ; 3 cr.

8991 Independent Study

(Student Option; Prereq: instr consent)
52588 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.
53360 002 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.
53361 003 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.
53362 004 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.
53363 005 IND, 00:00-00:00 , , In Person Term Based; Polly Sztatowski ; 1-4 cr.

Management (MGMT)

1001 Contemporary Management

(A-F only; Prereq: Carlson School fr or soph)
57223 001 LEC, 14:30-15:45 MW, Hanson Hall 1-109, In Person Term Based; Kathleen Lafferty ; 3 cr.
57224 002 LEC, 13:00-14:15 MW, Carlson School of Mgmt L-114, In Person Term Based; Kathleen Lafferty ; 3 cr.
57353 003 LEC, 9:45-11:00 TTh, Hanson Hall 1-109, In Person Term Based; Le Zhou ; 3 cr.

1005 Corporate Responsibility and Ethics
(A-F only; Prereq: Carlson School studentCIV)

57368 001 LEC, 9:45-11:00 MW, Hanson Hall 1-109, In Person Term Based; Russell Funk ; 3 cr.
57369 002 LEC, 11:15-12:30 MW, Hanson Hall 1-107, In Person Term Based; Russell Funk ; 3 cr.
57370 003 LEC, 13:00-14:15 MW, Hanson Hall 1-105, In Person Term Based; Russell Funk ; 3 cr.
57371 004 LEC, 8:15-9:30 TTh, Hanson Hall 1-109, In Person Term Based; Alan Fine ; 3 cr.
57372 005 LEC, 11:15-12:30 TTh, Hanson Hall 1-109, In Person Term Based; Rand Park ; 3 cr.
57373 006 LEC, 13:00-14:15 TTh, Hanson Hall 1-109, In Person Term Based; Rand Park ; 3 cr.
57374 007 LEC, 14:30-15:45 TTh, Hanson Hall 1-109, In Person Term Based; Rand Park ; 3 cr.
57530 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)

57405 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;)
57099 002 LEC, 8:15-9:30 TTh, Hanson Hall 1-106, In Person Term Based; Pat Williamson, Hoyo Jeong ; 3 cr.
57135 020 LEC, 17:45-20:15 Th, Hanson Hall 1-104, In Person Term Based; Sunasir Dutta ; 3 cr.
57216 001 LEC, 11:15-12:30 TTh, Hanson Hall 1-108, In Person Term Based; Sunasir Dutta ; 3 cr.
57286 302 LEC, 00:00-00:00 , ONLINE, Completely Online; David Kaiser ; 3 cr.
57310 301 LEC, 00:00-00:00 , ONLINE, Completely Online; David Kaiser ; 3 cr.
57319 003 LEC, 14:30-15:45 MW, Hanson Hall 1-106, In Person Term Based; 3 cr.
68657 303 LEC, Completely Online; David Kaiser ; 3 cr.

3010 Introduction to Entrepreneurship

(A-F or Audit;)
57184 001 LEC, 10:10-11:50 TTh, Hanson Hall 1-105, In Person Term Based; Jiao Luo ; 4 cr.
57185 003 LEC, 14:30-16:10 TTh, Hanson Hall 1-105, In Person Term Based; Sunasir Dutta ; 4 cr.
57192 002 LEC, 12:20-14:00 TTh, Hanson Hall 1-105, In Person Term Based; Jiao Luo ; 4 cr.

3033W Business Communication

(A-F or Audit; Prereq: Fr composition, CSOM upper- div, at least 60 crWJ)
57225 002 LEC, 9:45-11:00 MW, Carlson School of Mgmt 2-228, In Person Term Based; Holly Littlefield ; 3 cr.
57226 003 LEC, 11:15-12:30 MW, Carlson School of Mgmt 2-228, In Person Term Based; Nathaniel Bennett ; 3 cr.
57227 004 LEC, 13:00-14:15 MW, Carlson School of Mgmt 2-228, In Person Term Based; Nathaniel Bennett ; 3 cr.
57228 005 LEC, 13:00-14:15 TTh, Carlson School of Mgmt 1-132, In Person Term Based; Sheryl Holt ; 3 cr.
57229 006 LEC, 14:30-15:45 MW, Carlson School of Mgmt 2-228, In Person Term Based; Mary Rosa ; 3 cr.
57230 007 LEC, 16:00-17:15 MW, Carlson School of Mgmt 2-228, In Person Term Based; Mary Rosa ; 3 cr.
57231 008 LEC, 9:45-11:00 TTh, Carlson School of Mgmt 2-228, In Person Term Based; Mary Rosa ; 3 cr.
57232 020 LEC, 17:45-20:15 T, Carlson School of Mgmt 2-228, In Person Term Based; Mary Rosa ; 3 cr.
57272 009 LEC, 11:15-12:30 TTh, Carlson School of Mgmt 2-228, In Person Term Based; Mary Rosa ; 3 cr.
57313 010 LEC, 13:00-14:15 TTh, Carlson School of Mgmt 2-228, In Person Term Based; Nathaniel Bennett ; 3 cr.
57396 001 LEC, 8:15-9:30 MW, Carlson School of Mgmt 2-228, In Person Term Based; Holly Littlefield ; 3 cr.
57402 011 LEC, 14:30-15:45 TTh, Carlson School of Mgmt 2-228, In Person Term Based; Nathaniel Bennett ; 3 cr.

3040 Understanding the International Environment of Firms: International Business

(A-F or Audit; Prereq: 1001 or 1001H or 3001)
57123 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt 2-215, In Person Term Based; Alan Fine ; 2 cr.

3900 International Business Communication

(A-F only; GP)
57309 001 LEC, 9:45-11:00 TTh, Carlson School of Mgmt L-126, In Person Term Based; Holly Littlefield ; 3 cr.

4000 Social Venturing in Action

(A-F only; Prereq: Sr nonprofit major or instr consent)
57277 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])
57153 001 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 1-123, In Person Term Based; 4 cr.

4018 Philanthropy & Fundraising Strategy
(A-F only;)

68120 001 DIS, 13:45-15:25 MW, Carlson School of Mgmt L-118, In Person Term Based; Anne Cohen ; 2 cr.

4050 Managing Innovation and Change In Action

(A-F or Audit; Prereq: Mgmt 1001, 3001 or 3010)
57183 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt L-118, In Person Term Based; Steve Spruth ; 2 cr.

4101 Independent Study in Strategic Management and Organization

(Student Option; Prereq: instr consent or dept consent)
57199 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

4170W New Business Feasibility and Planning

(A-F only; Prereq: 3010WI)
57273 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 2-219, In Person Term Based; Alan Fine ; 4 cr.

4172 Entrepreneurship in Action II
(A-F only; Prereq: 4171)

57274 001 LEC, 15:45-17:25 MW, Carlson School of Mgmt 2-224, 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)

57406 001 LEC, 15:45-19:00 Th, Carlson School of Mgmt 1-136, In Person Term Based; Sveltana Madzar ; 2 cr.

5102 StartUp: Customer Development and Testing

(A-F only;)
57551 001 FWK, 15:45-17:25 T, Carlson School of Mgmt 1-136, In Person Term Based; Tobin Nord ; 2 cr.

6004 Negotiation Strategies

(A-F only; Prereq: MBA student)
57155 070 LEC, 00:00-00:00 , ONLINE, Completely Online; Sid Benraouane ; 2 cr.
57167 050 LEC, 8:00-17:00 Sa, Carlson School of Mgmt 1-149, 8:00-17:00 Sa, Carlson School of Mgmt 1-149, In Person Term Based; Yelena Hydrie ; 2 cr.
57401 071 LEC, 00:00-00:00 , ONLINE, Completely Online; Sid Benraouane ; 2 cr.

6032 Strategic Alliances

(A-F only; Prereq: MBA student)
57181 050 LEC, 8:00-17:00 F, Hanson Hall 1-111, 8:00-17:00 F, Hanson Hall 1-111, 8:00-17:00 F, Hanson Hall 1-111, In Person Term Based; Sveltana Madzar ; 2 cr.

6033 Managing the Strategy Process

(A-F only; Prereq: MBA student)
57146 090 LEC, 17:45-21:05 W, Carlson School of Mgmt 2-213, In Person Term Based; Jeffrey Kaufmann ; 2 cr.
65768 001 LEC, 15:45-17:25 MW, Carlson School of Mgmt 1-132, In Person Term Based; Jeffrey Kaufmann ; 2 cr.

6034 Strategic Leadership

(A-F or Audit; Prereq: 6033, MBA student)
57176 060 LEC, 17:45-21:05 W, Carlson School of Mgmt 2-219, 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)
57212 050 LEC, 8:00-17:00 F, Hanson Hall 1-102, 8:00-17:00 F, Hanson Hall 1-102, 8:00-17:00 F, Hanson Hall 1-102, In Person Term Based; Meets With: 001 LAW 6626; Paul Vaaler ; 2 cr.

6040 Competing Globally

(A-F only; Prereq: MBA student)
65778 070 LEC, Completely Online; Sveltana Madzar ; 2 cr.

6050 Management of Innovation and Change

(A-F only; Prereq: MBA student)
57579 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, Partially Online; Steve Spruth ; 2 cr.

6084 Management of Teams

(A-F only;)
57275 050 LEC, 8:00-17:00 Sa, Carlson School of Mgmt 1-149, 8:00-17:00 Sa, Carlson School of Mgmt 1-149, In Person Term Based; Sveltana Madzar ; 2 cr.
57607 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 1-135, In Person Term Based; Mike Davis ; 2 cr.
57615 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)
57198 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)
57314 090 LEC, 17:45-21:05 W, Hanson Hall 1-103, In Person Term Based; Gurneeta Singh ; 4 cr.
57469 091 LEC, 17:45-21:05 M, Carlson School of Mgmt 2-219, In Person Term Based; Gurneeta Singh ; 4 cr.

6310 Cross-Cultural Management: Developing Intercultural Competence
(A-F only;)

67516 050 LEC, 8:00-17:00 F, Carlson School of Mgmt 1-149, 8:00-17:00 Sa, Carlson School of Mgmt 1-149, 8:00-17:00 T, Carlson School of Mgmt 1-149, 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)

66698 001 LEC, 13:15-16:15 M, Carlson School of Mgmt 1-122, In Person Term Based; Andrew Van de Ven ; 4 cr.

8202 Seminar in International Management

(Student Option; Prereq: Business admin PhD student or instr consent)

68784 001 LEC, 13:30-16:30 W, Carlson School of Mgmt 1-122, In Person Term Based; Shaker Zahra ; 2-4 cr.

8401 Seminar in Strategy Content

(Student Option; Prereq: Business admin PhD student or instr consent)

68785 001 LEC, 13:30-16:30 W, Carlson School of Mgmt 1-122, In Person Term Based; Myles Shaver ; 2-4 cr.

8405 Topics in Strategy II

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

66701 001 LEC, 12:30-15:30 Th, Room TBA, In Person Term Based; Gurmeeta Singh ; 2-4 cr.

8892 Readings in Management Theory and Administration

(Student Option; Prereq: Business admin PhD student or instr consent, adviser consent)

57147 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)

57148 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

Management of Technology (MOT)

4001 Leadership, Professionalism and Business Basics for Engineers

(A-F only;)

67374 001 LEC, 15:35-17:30 M, Bruininks Hall 131A, In Person Term Based; Diane Rucker ; 2 cr.

5002 Creating Technological Innovation

(A-F only; Prereq: Degree seeking or non-degree graduate students.)

60632 001 LEC, 15:30-17:30 W, Bruininks Hall 420B, 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.)

60633 001 LEC, 17:30-18:30 W, Bruininks Hall 420B, In Person Term Based; Steve Webster ; 1 cr.

8111 Marketing Management for Technology-based Organizations

(A-F or Audit; Prereq: Grad MOT major)

59774 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)

59055 001 LEC, 00:00-00:00 , , In Person Term Based; Kevin Linderman ; 1.5 cr.

8122 Financial Management for Technology-based Organizations

(A-F or Audit; Prereq: Grad MOT major)

58839 001 LEC, 00:00-00:00 , , In Person Term Based; Dileep Rao ; 2 cr.

8214 Technology Foresight and Forecasting

(A-F only; Prereq: Grad MOT major)

59775 001 LEC, 00:00-00:00 , , In Person Term Based; Kenneth Farmer II ; 2 cr.

8218 Digital Transformation

(A-F only;)

68269 001 DIS, In Person Term Based; Judith Pennington ; 1 cr.

8221 Project and Knowledge Management

(A-F or Audit; Prereq: Grad MOT major)

58866 001 LEC, 00:00-00:00 , , In Person Term Based; Karl Smith ; 1.5 cr.

8232 Managing Technological Innovation

(A-F or Audit;)

59063 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)

59701 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;)

60825 001 LEC, In Person Term Based; Kirk Froggatt ; 1 cr.

8940 Managing Intellectual Property

(A-F only; Prereq: MOT grad student)

58982 001 LEC, 00:00-00:00 , , In Person Term Based; Kent Sieffert ; 0.5-1 cr.

8950 International Management of Technology Project

(A-F or Audit; Prereq: MOT grad student)

58983 001 LEC, 00:00-00:00 , , In Person Term Based; Tariq Samad ; 2 cr.

8960 Seminars in Management of Technology (MOT) and Innovation

(S-N only; Prereq: MOT grad major)

66981 001 DIS, In Person Term Based; Tariq Samad ; 1 cr.

Managerial Communications (MCOM)

5530 Strategies and Skills for Managerial Presentations

(A-F only; Prereq: MBA student)

57498 060 LEC, 17:45-21:05 W, Carlson School of Mgmt 1-136, In Person Term Based; Mary Rosa ; 2 cr.

Manufacturing Operations Mgmt (MM)

3001W Manufacturing in the Global Economy

(A-F or Audit; WI)

63577 301 LEC, Completely Online; William King ; 3 cr.

3305 3D Printing and Additive Manufacturing

(A-F or Audit;)

63744 001 LEC, 18:00-20:45 T, Keller Hall 2-260, In Person Term Based; Michael Kuehn, David Yang ; 3 cr.

4011 Design of Manufacturing Systems and Simulations

(A-F or Audit; Prereq: 3001 or manufacturing experience)

63671 101 LEC, 18:00-20:45 Th, Keller Hall 2-260, Partially Online; Michael Boone ; 3 cr.

4012 Manufacturing Processes and Technology

(A-F or Audit; Prereq: 3001 or manufacturing experience)

63568 301 LEC, Completely Online; Dave Edmonson ; 3 cr.
63568 301 LEC, Completely Online; Dave Edmonson ; 3 cr.

4039 Manufacturing Outsourcing Decisions

(A-F or Audit; Prerequisites: MM 3001W or equivalent manufacturing experience.)

63693 101 LEC, 18:00-20:45 M, Mechanical Engineering 102, Partially Online; Jack Sandahl ; 3 cr.

4045 Regulated Industry Compliance

(A-F or Audit; Prereq: 3001 or manufacturing experience)

63621 101 LEC, 18:00-20:45 W, Keller Hall 3-111, Partially Online; Mac McKeen ; 3 cr.

4311 Sustainable Lean Manufacturing

(A-F or Audit; Prereq: MM 3001, 45 cr)

63696 101 LEC, 18:00-20:45 T, Mechanical Engineering 102, Partially Online; Paul Nied ; 3 cr.

4501 Capstone

(A-F or Audit; Prereq: MM major or minor or certificate or instr consent)

63698 401 LEC, 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)

63697 401 IND, Independent/Directed Study; 1-4 cr.
63776 402 IND, Independent/Directed Study; 1-4 cr.

Marketing (MKTG)

1916 Happily Ever After: Brands and Storytelling in Ireland

(A-F only;)

66733 001 LEC, 16:15-18:30 T, Carlson School of Mgmt L-126, In Person Term Based; Julia Van Etten ; 3 cr.

3001 Principles of Marketing

(A-F or Audit; Prereq: ECON 1101)

57154 020 LEC, 17:45-20:15 M, Hanson Hall 1-106, In Person Term Based; Jinjie Chen ; 3 cr.
57188 006 LEC, 13:00-14:15 MW, Hanson Hall 1-103, In Person Term Based; Hyesung Yoo ; 3 cr.
57298 007 LEC, 16:00-17:15 TTh, Hanson Hall 1-104, In Person Term Based; Wayne Mueller, Lei Zhuang ; 3 cr.
57322 301 LEC, Completely Online; Lydia Mackenzie ; 3 cr.
57326 302 LEC, Completely Online; Lydia Mackenzie ; 3 cr.
68658 303 LEC, Completely Online; Lydia Mackenzie ; 3 cr.

3005 Introduction to Applying Analytical Tools for Solving Business Problems

(A-F only; Prereq: SCO 2550 or equivalent statistics course)

67341 001 LEC, 15:45-17:25 MW, Carlson School of Mgmt 1-149, In Person Term Based; Chadwick Storie ; 2 cr.
68695 002 LEC, 15:45-17:25 MW, Carlson School of Mgmt 1-143, In Person Term Based; Chadwick Storie ; 2 cr.

3010 Marketing Research

(A-F or Audit; Prereq: 3001 and SCO 2550 or equiv statistics course)

57108 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-135, In Person Term Based; Wendy Lutter ; 4 cr.
57109 002 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 1-135, In Person Term Based; Wendy Lutter ; 4 cr.
57345 003 LEC, 13:45-15:25 MW, Carlson School of Mgmt 2-224, In Person Term Based; Seth Werner ; 4 cr.

3040 Buyer Behavior

(A-F or Audit; Prereq: 3001)

57110 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 1-147, In Person Term Based; Alison Xu ; 4 cr.
57431 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: MKTG 3040)

57193 001 LEC, 11:50-13:30 MW, Carlson School of Mgmt 2-213, In Person Term Based; Wayne Mueller ; 4 cr.

4050 Advertising and Promotion

(A-F or Audit; Prereq: MKTG 3010 and MKTG 3040 or instructor approval)

57136 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 2-215, In Person Term Based; Wendy Lutter ; 4 cr.

4060 Marketing Channels

(A-F or Audit; Prereq: MKTG 3010 and MKTG 3040 or instructor approval)

57276 001 LEC, 11:50-13:30 TTh, Carlson School of Mgmt L-114, In Person Term Based; Jay Lipe ; 4 cr.

4074 Data-Driven Marketing

(A-F only; Prereq: Mktg 3010)

57553 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 2-219, In Person Term Based; Linli Xu ; 4 cr.
68867 002 LEC, 11:50-13:30 MW, Carlson School of Mgmt 1-149, In Person Term Based; Linli Xu ; 4 cr.

4076 Digital Marketing

(A-F only; Prereq: Mktg 3010)

67104 001 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 2-233, In Person Term Based; Song Yao ; 2 cr.

4080W Marketing Strategy

(A-F or Audit; Prereq: 3001, 3010, 3040, 12 cr in marketing, srWI)

- 57470 001 LEC, 8:00- 9:40 MW, Carlson School of Mgmt 1-127, In Person Term Based; Steve Goodyear ; 4 cr.
 57471 002 LEC, 13:45-15:25 MW, Carlson School of Mgmt 1-127, In Person Term Based; Steve Goodyear ; 4 cr.
 57472 003 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-127, In Person Term Based; Steve Goodyear ; 4 cr.
 57473 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: MKTG 3010 and MKTG 3040 WI)

- 57376 001 LEC, 13:45-15:25 TTh, Carlson School of Mgmt 2-233, In Person Term Based; Julia Van Etten ; 4 cr.
 57484 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; Prerequisite: MKTG 3001)

- 65786 050 LEC, 8:00-17:00 F, Carlson School of Mgmt 1-135, 8:00-17:00 Sa, Carlson School of Mgmt 1-135, 8:00-17:00 F, Carlson School of Mgmt 1-135, In Person Term Based; Kathleen Vohs ; 2 cr.

6050 Business Research Methods

(A-F only;)

- 57555 050 LEC, 8:00-17:00 F, Carlson School of Mgmt L-117, 8:00-17:00 F, Carlson School of Mgmt L-117, 8:00-17:00 F, Carlson School of Mgmt L-117, In Person Term Based; Tony Cui ; 2 cr.
 57556 051 LEC, 8:00-17:00 Sa, Carlson School of Mgmt L-117, 8:00-17:00 Sa, Carlson School of Mgmt L-117, 8:00-17:00 Sa, Carlson School of Mgmt L-117, In Person Term Based; Tony Cui ; 2 cr.

6051 Marketing Research

(A-F only; Prereq: MBA 6210, MBA student)

- 57126 001 LEC, 15:45-17:25 TTh, Carlson School of Mgmt 1-142, In Person Term Based; Seth Werner ; 2 cr.
 57554 090 LEC, 17:45-21:05 W, Carlson School of Mgmt 2-224, In Person Term Based; Bill Hauschen ; 2 cr.

6055 Buyer Behavior

(A-F only; Prereq: MBA 6210, MBA student)

- 57257 060 LEC, 17:45-21:05 W, Carlson School of Mgmt 2-215, In Person Term Based; Alison Xu ; 2 cr.
 57397 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-147, In Person Term Based; Alison Xu ; 2 cr.

6075 Pricing Strategy

(A-F only; Prereq: MBA 6210, MBA student)

- 57182 060 LEC, 17:45-21:05 T, Hanson Hall 1-103, In Person Term Based; Akshay Rao ; 4 cr.

6082 Brand Strategy

(A-F only; Prereq: MBA 6210, MBA student)

- 57160 001 LEC, 15:45-17:25 MW, Carlson School of Mgmt 1-135, In Person Term Based; Deborah John ; 2 cr.
 57161 090 LEC, 17:45-21:05 W, Carlson School of Mgmt L-114, In Person Term Based; Deborah John ; 2 cr.

6086 Digital Marketing

(A-F only;)

- 57611 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-147, In Person Term Based; David Hopkins ; 2 cr.

6088 Strategic Marketing

(A-F only; Prereq: MBA 6210, MBA student)

- 57178 060 LEC, 17:45-21:05 M, Carlson School of Mgmt 2-215, In Person Term Based; Wayne Mueller ; 2 cr.

6090 Marketing Topics

(A-F only; Prereq: MBA 6210, MBA students)

- 68868 050 LEC, 8:00-17:00 Sa, Carlson School of Mgmt 1-149, 8:00-17:00 Sa, Carlson School of Mgmt 1-149, 8:00-17:00 Sa, Carlson School of Mgmt 1-149, In Person Term Based; Song Yao ; 1-4 cr.

8810 Consumer Behavior Special Topics

(A-F or Audit; Prereq: Doctoral student or [master's program student, instr consent])

- 65787 001 LEC, In Person Term Based; Barbara Loken ; 2 cr.
 68869 002 LEC, In Person Term Based; Akshay Rao ; 2 cr.

8842 Quantitative Modeling I

(A-F or Audit; Prereq: Doctoral student or [master's program student, instr consent])

- 67504 001 LEC, In Person Term Based; Song Yao ; 2-4 cr.

8890 Seminar: Marketing Topics

(Student Option; Prereq: Business admin PhD student or instr consent)

- 67505 001 LEC, In Person Term Based; Mark Bergen ; 1-4 cr.

Master of Business Admin (MBA)

6030 Financial Accounting

(A-F only; Prereq: MBA Student)

- 57129 070 LEC, Completely Online; Kendell Poch ; 3 cr.
 57385 090 LEC, 17:45-21:05 T, Hanson Hall 1-109, In Person Term Based; Nick Biondich ; 3 cr.
 67661 077 LEC, Completely Online; Kendell Poch ; 3 cr.

6035 Managerial Accounting

(A-F only; Prereq: 6030, 6230, MBA student)

- 57130 090 LEC, 17:45-21:05 T, Hanson Hall 1-107, In Person Term Based; Paul White ; 3 cr.
 57443 070 LEC, 00:00-00:00 , ONLINE, Completely Online; Clayton Forester ; 3 cr.

6110 Leading Others

(A-F only;)

- 57282 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-149, In Person Term Based; Michelle Duffy ; 2 cr.
 57283 002 LEC, 13:45-15:25 MW, Carlson School of Mgmt 1-147, In Person Term Based; Michelle Duffy ; 2 cr.
 57318 090 LEC, 17:45-21:05 M, Carlson School of Mgmt 2-213, In Person Term Based; Abdifatah Ali ; 2 cr.
 57608 070 LEC, Completely Online; Sid Benraouane ; 2 cr.

6112 Leading Organizations

(A-F only;)

- 57439 001 LEC, 8:00- 9:40 TTh, Carlson School of Mgmt 1-149, In Person Term Based; Theresa Glomb ; 0-1 cr.
 57440 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)

- 57121 090 LEC, 17:45-21:05 W, Carlson School of Mgmt L-110, In Person Term Based; Steven Huchendorf ; 3 cr.
 57213 070 LEC, Completely Online; Steven Huchendorf ; 3 cr.

6140 Managerial Economics

(A-F only; Prereq: MBA student)

- 57316 090 LEC, 17:45-21:05 M, Carlson School of Mgmt 2-215, In Person Term Based; Jeremy Watson ; 2 cr.
 67663 077 LEC, Completely Online; Jeremy Watson ; 2 cr.

6210 Marketing Management

(A-F only; Prereq: MBA student)

- 57125 090 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-147, In Person Term Based; Allison Murn ; 3 cr.
 57509 070 LEC, Completely Online; Wendy Lutter ; 3 cr.

6220 Supply Chain & Operations

(A-F only; Prereq: MBA student)

- 57122 090 LEC, 17:45-21:05 Th, Hanson Hall 1-103, In Person Term Based; Scott Martens ; 3 cr.
 57508 070 LEC, Primarily Online; Rachna Shah ; 3 cr.

6230 Financial Management

(A-F only; Prereq: 6030, MBA student)

- 57124 090 LEC, 17:45-21:05 M, Hanson Hall 1-107, In Person Term Based; Alan Thometz ; 3 cr.
 57494 070 LEC, Completely Online; Helen Moser ; 3 cr.

6235 Managerial Accounting

(A-F only; Prereq: MBA student)

- 57271 001 LEC, 13:45-15:25 MW, Carlson School of Mgmt 1-149, In Person Term Based; Paul White ; 2 cr.

6240 Competing in a Data-Driven Digital Age

(A-F only; Prereq: FT MBA student)

- 57284 002 LEC, 13:45-15:25 MW, Carlson School of Mgmt 1-149, In Person Term Based; Gordon Burch ; 2 cr.
 57285 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)

- 57100 090 LEC, 17:45-21:05 M, Hanson Hall 1-105, In Person Term Based; Alfred Marcus ; 3 cr.
 57101 070 LEC, Completely Online; Alfred Marcus ; 3 cr.
 67662 077 LEC, Completely Online; Alfred Marcus ; 3 cr.

6315 The Ethical Environment of Business

(A-F only; Prereq: MBA student)

- 57102 090 LEC, 17:45-21:05 T, Carlson School of Mgmt 2-213, In Person Term Based; Jeffrey Kaufmann ; 2 cr.
 57103 091 LEC, 17:45-21:05 W, Carlson School of Mgmt 1-123, In Person Term Based; Jeffrey Kaufmann ; 2 cr.

- 57323 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-149, In Person Term Based; Jeffrey Kaufmann ; 2 cr.
 57344 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)

- 57194 001 FWK, 8:00- 9:40 TTh, Carlson School of Mgmt 2-219, In Person Term Based; Susanna Gibbons ; 1-4 cr.
 57600 002 FWK, 8:00- 9:40 TTh, Room TBA, In Person Term Based; 1-4 cr.
 65724 003 FWK, 8:00- 9:40 TTh, Carlson School of Mgmt 1-122, In Person Term Based; Susanna Gibbons ; 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)

- 57195 001 FWK, 8:00- 9:40 MW, Carlson School of Mgmt 1-143, In Person Term Based; Rick Nelson ; 1-4 cr.
 57601 002 FWK, 8:00- 9:40 MW, Room TBA, In Person Term Based; Rick Nelson ; 1-4 cr.

6503 Carlson Ventures Enterprise

(Student Option No Audit; Prereq: MBA student, approved application, interview)

- 57169 001 FWK, 8:00- 9:40 TTh, Carlson School of Mgmt 1-142, In Person Term Based; Tobin Nord ; 2-4 cr.
 57602 002 FWK, 8:00- 9:40 TTh, Room TBA, In Person Term Based; Tobin Nord ; 2-4 cr.

6504 Carlson Consulting Enterprise

(Student Option No Audit; Prereq: MBA student, approved application, interview)

- 57170 001 FWK, 8:00- 9:40 TTh, Carlson School of Mgmt 1-143, In Person Term Based; Siddharth Chandramouli ; 2-4 cr.
 57603 002 FWK, 8:00- 9:40 TTh, Room TBA, In Person Term Based; Siddharth Chandramouli ; 2-4 cr.

6505 Carlson Brand Enterprise

(Student Option No Audit; Prereq: MBA student, approved application, interview)

- 57209 001 FWK, 8:00- 9:40 TTh, Carlson School of Mgmt 1-135, In Person Term Based; David Hopkins ; 2-4 cr.
 57604 002 FWK, 8:00- 9:40 TTh, Room TBA, 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)

- 57576 200 LEC, 17:45-21:05 M, Carlson School of Mgmt L-126, In Person Term Based; Tammy Naples ; 2 cr.
 57581 070 LEC, Completely Online; Tammy Naples ; 2 cr.

5201 Tax Accounting Methods II

(A-F or Audit; Prereq: MBT 5200)

- 57589 070 LEC, Completely Online; Tammy Naples ; 2 cr.
 57590 200 LEC, 17:45-21:05 M, Carlson School of Mgmt 2-224, In Person Term Based; Tammy Naples ; 2 cr.

5223 Tax-exempt Organizations

(A-F or Audit; Prereq: ACCT 5135)

- 65726 200 LEC, 17:45-21:05 W, Carlson School of Mgmt 1-149, In Person Term Based; Lawrence Mohr ; 2 cr.

5323 Mergers and Acquisitions I

(A-F or Audit; Prereq: MBT 5230)

- 57302 200 LEC, 17:45-21:05 T, Carlson School of Mgmt L-122, In Person Term Based; Roger Conlon ; 2 cr.

5340 Taxation of Partners and Partnerships

(A-F or Audit; Prereq: Acct 5135)

- 57308 200 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-135, In Person Term Based; Scott Luecke ; 2 cr.

5346 ASC 740 Computations and Analysis

(A-F or Audit;)

- 57531 070 LEC, Completely Online; Nicholas Frank ; 2 cr.

5347 Tax Technology and Analytics Fundamentals

(A-F or Audit; Prereq: ACCT 5135)

57467 070 LEC, Completely Online; Todd Dannenfeler ; 2 cr.

5360 State and Local Taxation

(A-F or Audit; Prereq: Acct 5135, MBT student)
57127 200 LEC, 17:45-21:05 Th, Carlson School of Mgmt 1-149, In Person Term Based; Dale Busacker, Maureen Pechacek ; 2 cr.

5380 Tax Aspects of International Business I

(A-F or Audit; Prereq: 5230)
65728 200 LEC, 17:45-21:05 Th, Carlson School of Mgmt 2-224, In Person Term Based; Roger Conlon ; 2 cr.

5382 Transfer Pricing

(A-F or Audit; Prereq: ACCT 5135)
65753 200 LEC, 17:45-21:05 W, Carlson School of Mgmt L-118, In Person Term Based; Kay Freund, Peter Yoo ; 2 cr.

5420 Current Topics in Taxation

(A-F or Audit; Prereq: ACCT 5135, MBT student)
57190 200 IND, 00:00-00:00 , In Person Term Based; Paul Gutterman ; 1-4 cr.
65752 201 IND, In Person Term Based; Paul Gutterman ; 1-4 cr.
67195 202 IND, In Person Term Based; Paul Gutterman ; 1-4 cr.

5500 Business, Government, and Economic Tax Policy

(A-F only; Prereq: MBT 5230)
57238 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)
58045 001 DIS, 14:30-15:30 W, Peters Hall 145, 14:00-17:00 M, Biological Sciences Ctr 12, In Person Term Based; 3 cr.

5005 Qualitative Methods for Development Practice

(A-F only;)
58133 001 LAB, 12:45-14:00 TTh, Hubert H. Humphrey School 60, In Person Term Based; 3 cr.

5200 Capstone Workshop in Development Practice

(A-F or Audit; Prereq: MDP grad student or instr consent)
58081 001 LEC, 16:30-19:30 T, Vincent Hall 364, In Person Term Based; David Wiley ; 3 cr.

Master of Science in Finance (MSF)

6121 Fixed Income and Securities

(A-F only; Prereq: Fall A Cohort Completion)
66463 001 LEC, 9:55-11:35 MW, Carlson School of Mgmt 1-114, In Person Term Based; Robert Goldstein ; 2 cr.

6321 Quantitative Portfolio Analysis

(A-F only; Prereq: Fall A Cohort Completion)
57450 001 LEC, 15:45-17:25 TTh, Carlson School of Mgmt L-118, In Person Term Based; Xiaojin Lin ; 2 cr.

6522 Derivatives and Risk Management

(A-F only; Prereq: Fall A Cohort Completion)
57449 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt 1-149, In Person Term Based; Stuart Webb ; 2 cr.

6821 Experiential Learning

(A-F only; Prereq: completion of Fall Cohort.)
57448 001 LAB, 11:50-13:30 MW, Carlson School of Mgmt L-118, In Person Term Based; 4 cr.

Masters of Business Analytics (MSBA)

6250 Analytics for Competitive Advantage II

(A-F only;)
57566 092 LEC, 17:45-21:05 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;)
57427 072 LEC, Completely Online; Vedran Velas ; 3 cr.

6345 Project Management of Analytics Projects

(A-F only; Prereq: MSBA student)
57560 001 LEC, 15:30-16:45 Th, Carlson School of Mgmt 2-206, 13:00-14:15 T, Carlson School of Mgmt 2-207, In Person Term Based; ELLEN TRADER ; 1.5 cr.
57561 002 LEC, 10:45-12:00 Th, Carlson School of Mgmt 2-206, 10:30-11:45 T, Carlson School of Mgmt 2-206, In Person Term Based; ELLEN TRADER ; 1.5 cr.

6430 Advanced Issues in Business Analytics

(A-F only;)
57412 001 LEC, 9:30-12:00 TTh, Carlson School of Mgmt 2-207, In Person Term Based; Xuan Bi ; 3 cr.
57474 002 LEC, 12:15-14:45 MW, Carlson School of Mgmt 2-206, In Person Term Based; Xuan Bi ; 3 cr.
65855 091 LEC, 17:45-21:05 Th, Carlson School of Mgmt L-118, In Person Term Based; Xuan Bi ; 3 cr.

6440 Data-Driven Experimentation and Measurement

(A-F only;)
57413 001 LEC, 12:30-15:00 Th, Carlson School of Mgmt 2-207, 15:30-18:00 T, Carlson School of Mgmt 2-207, In Person Term Based; Gordon Burtch ; 3 cr.
57475 002 LEC, 15:45-18:15 W, Carlson School of Mgmt 2-206, 12:30-15:00 T, Carlson School of Mgmt 2-206, In Person Term Based; Gordon Burtch ; 3 cr.
57510 091 LEC, 17:45-21:05 W, Carlson School of Mgmt 1-143, In Person Term Based; Gautam Ray ; 3 cr.

6450 Modeling and Heuristics for Decision Making and Support

(A-F only;)
57414 001 LEC, 13:30-16:00 TTh, Carlson School of Mgmt 2-207, In Person Term Based; Soumya Sen ; 3 cr.
57476 002 LEC, 13:30-16:00 MW, Carlson School of Mgmt 2-206, In Person Term Based; Soumya Sen ; 3 cr.

6510 Business Analytics Experiential Learning

(A-F only;)
57415 001 FWK, 9:00-12:00 W, Carlson School of Mgmt 2-207, In Person Term Based; Xuan Bi, Yicheng Song, Edward McFowland, Jason Chan, Gordon Burtch, Soumya Sen, Alok Gupta ; 6 cr.
57477 002 FWK, 9:00-12:00 M, Carlson School of Mgmt 2-207, In Person Term Based; Xuan Bi, Yicheng Song, Edward McFowland, Jason Chan, Gordon Burtch, Soumya Sen, Alok Gupta ; 6 cr.

6515 Capstone Project in Analytics

(A-F only;)
57565 090 LAB, 17:45-20:15 W, Hanson Hall 1-109, 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)
58735 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)
59780 001 LAB, 14:30-17:30 M, Amundson Hall 16, In Person Term Based; Jeffrey Schott ; 1 cr.
59781 002 LAB, 14:30-17:30 T, Amundson Hall 16, In Person Term Based; Jeffrey Schott ; 1 cr.
59782 003 LAB, 14:30-17:30 Th, Amundson Hall 16, In Person Term Based; Jeffrey Schott ; 1 cr.
59783 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)
58740 001 LEC, 8:00- 8:50 MWF, Akerman Hall 209, In Person Term Based; Prodomos Daoutidis ; 3 cr.
59717 002 DIS, 14:30-15:20 Th, Amundson Hall 158, In Person Term Based; Prodomos Daoutidis ; 3 cr.
60536 003 DIS, 15:35-16:25 Th, Amundson Hall 124, In Person Term Based; Prodomos Daoutidis ; 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)
59020 001 LEC, 14:30-15:20 MWF, Amundson Hall B75, In Person Term Based; Turan Birol ; 3 cr.
59021 002 DIS, 8:00- 8:50 T, Amundson Hall 156, In Person Term Based; Turan Birol ; 3 cr.
59022 003 DIS, 10:10-11:00 T, Amundson Hall 156, In Person Term Based; Turan Birol ; 3 cr.
59041 005 DIS, 12:20-13:10 T, Amundson Hall 156, In Person Term Based; Turan Birol ; 3 cr.
60240 006 DIS, 11:15-12:05 T, Amundson Hall 156, In Person Term Based; Turan Birol ; 3 cr.

3141 Numerical Methods for Material Science

(A-F only; Prereq: concurrent registration in MATS 3002 recommended)
60827 001 LEC, 9:05- 9:55 MWF, Rapson Hall 43, In Person Term Based; Andre Mkhoyan ; 3 cr.
60828 002 DIS, 14:30-15:20 T, Amundson Hall 116, In Person Term Based; Andre Mkhoyan ; 3 cr.
60829 003 DIS, 15:35-16:25 T, Amundson Hall 116, In Person Term Based; Andre Mkhoyan ; 3 cr.

3851W Materials Properties Lab

(A-F or Audit; Prereq: [3801, 3013, MatS upper div] or dept consent(WI))
59017 001 LEC, 15:35-16:25 MW, Burton Hall 120, In Person Term Based; Michael Manno ; 4 cr.
59018 002 LAB, 8:00-11:00 T, Amundson Hall 47, In Person Term Based; Michael Manno ; 4 cr.
59773 003 LAB, 8:00-11:00 Th, Amundson Hall 47, In Person Term Based; Michael Manno ; 4 cr.
60537 004 LAB, 11:15-14:15 Th, Amundson Hall 47, In Person Term Based; Michael Manno ; 4 cr.
60803 005 LAB, 11:15-14:15 T, Amundson Hall 47, In Person Term Based; Michael Manno ; 4 cr.

4214 Polymers

(A-F or Audit; Prereq: [3011, [3001 or CHEN 3101], [upper div MatS or ChEn]] or instr consent)
60093 001 LEC, 11:15-12:05 MWF, Fraser Hall 101, In Person Term Based; Meets With: 001 CHEN 4214001 CHEM 4214; Frank Bates ; 3 cr.

4223W Polymer Laboratory

(Student Option; WI)
59171 001 LEC, 9:05- 9:55 M, Smith Hall 331, In Person Term Based; Meets With: 001 CHEM 4223W001 CHEN 4223W; Theresa Reineke ; 2 cr.
59239 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.
59240 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)
58751 001 LEC, 13:25-14:15 MWF, Akerman Hall 319, In Person Term Based; David Poerschke ; 4 cr.
58752 002 LAB, 14:30-17:30 M, Amundson Hall 47, In Person Term Based; David Poerschke ; 4 cr.
58753 003 LAB, 14:30-17:30 T, Amundson Hall 47, In Person Term Based; David Poerschke ; 4 cr.
59110 004 LAB, 14:30-17:30 W, Amundson Hall 47, In Person Term Based; David Poerschke ; 4 cr.
60280 005 LAB, 13:25-16:25 Th, Lab TBA, In Person Term Based; David Poerschke ; 4 cr.

4400 Senior Design Project

(A-F only; Prereq: Sr MatS major)
58754 001 LEC, 10:10-11:00 T, Mechanical Engineering 18, 10:10-11:00 MWF, Rapson Hall 43, In Person Term Based; Vivian Ferry ; 3 cr.

4591 Independent Study in Materials Science

(Student Option No Audit; Prereq: Upper div mat sci)
58755 001 IND, 00:00-00:00 , In Person Term Based; David Flannigan ; 1-3 cr.

4593 Directed Study in Materials Science

(A-F only; Prereq: upper div MatS)
58756 001 IND, 00:00-00:00 , , In Person Term Based; David Flannigan ; 1-4 cr.

4594 Directed Research in Materials

Science
(Student Option No Audit; Prereq: Upper div mat sci)
58757 001 IND, 00:00-00:00 , , In Person Term Based; David Flannigan ; 1-3 cr.

5517 Microscopy of Materials

(A-F or Audit;)
66171 001 LEC, 16:40-17:30 MWF, Amundson Hall 156, In Person Term Based; David Flannigan ; 3 cr.

8002 Thermodynamics and Kinetics

(A-F or Audit;)
66980 001 LEC, 8:00-10:00 TTh, Mechanical Engineering 108, In Person Term Based; Meets With: 001 CHEN 8401; David Morse ; 3 cr.

8003 Electronic Properties

(A-F or Audit; Prereq: instr consent)
58804 001 LEC, 8:30- 9:55 MWF, Amundson Hall 116, In Person Term Based; Chris Leighton ; 3 cr.

8004 Mechanical Properties

(A-F or Audit;)
58805 001 LEC, 10:10-12:05 TTh, Amundson Hall 162, In Person Term Based; Nathan Mara ; 3 cr.

8211 Physical Chemistry of Polymers

(Student Option; Prereq: Undergrad physical chem or instr consent)
59172 001 LEC, 14:30-15:45 TTh, Amundson Hall 156, In Person Term Based; Meets With: 001 CHEM 8211; Mahesh Mahanthappa ; 4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
58944 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)
58960 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)
60688 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)
58978 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])
58995 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)
59015 001 IND, 00:00-00:00 , , In Person Term Based; Russell Holmes ; 1-24 cr.

8993 Directed Study

(Student Option;)
58835 001 LEC, 00:00-00:00 , , In Person Term Based; Russell Holmes ; 1-12 cr.

8994 Directed Research

(Student Option;)
58836 001 LEC, 00:00-00:00 , , In Person Term Based; Russell Holmes ; 1-12 cr.

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)

58322 010 LEC, 11:15-12:05 MWF, Scott Hall 4, In Person Term Based; ; 3 cr.
58323 011 DIS, 10:10-11:00 Th, Vincent Hall 6, In Person Term Based; 3 cr.
58324 012 DIS, 11:15-12:05 Th, Vincent Hall 206, 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)
58508 001 LEC, 18:00-20:05 MW, Vincent Hall 311, In Person Term Based; 3 cr.
58509 002 LEC, 18:00-20:05 TTh, Vincent Hall 20, In Person Term Based; 3 cr.
58510 021 DIS, 14:30-15:20 T, Bruininks Hall 432, In Person Term Based; 3 cr.
58511 022 DIS, 14:30-15:20 T, Keller Hall 2-260, In Person Term Based; 3 cr.
58512 023 DIS, 15:35-16:25 T, Bruininks Hall 420A, In Person Term Based; 3 cr.
59094 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Pat Kinney ; 3 cr.
59108 020 LEC, 14:30-15:20 MWF, Akerman Hall 209, In Person Term Based; 3 cr.
60262 010 LEC, 11:15-12:05 MWF, Bruininks Hall 330, In Person Term Based; ; 3 cr.
60263 011 DIS, 11:15-12:05 T, Keller Hall 2-260, In Person Term Based; 3 cr.
60264 012 DIS, 11:15-12:05 T, Bruininks Hall 420B, In Person Term Based; 3 cr.
60265 013 DIS, 12:20-13:10 T, Bruininks Hall 530A, In Person Term Based; 3 cr.

1038 College Algebra and Probability Submodule

(A-F or Audit; Prereq: 1051 or 1151 or 1155)
60266 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)
58809 011 DIS, 14:30-15:20 T, Bruininks Hall 530B, In Person Term Based; 3 cr.
58810 012 DIS, 14:30-15:20 T, Bruininks Hall 420B, In Person Term Based; 3 cr.
58811 013 DIS, 15:35-16:25 T, Bruininks Hall 420B, In Person Term Based; 3 cr.
58812 014 DIS, 15:35-16:25 T, Bruininks Hall 530B, In Person Term Based; 3 cr.
59107 010 LEC, 14:30-15:20 MWF, Bruininks Hall 412, In Person Term Based; 3 cr.
59164 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Cora Brown ; 3 cr.

1142 Short Calculus

(Student Option; Prereq: Satisfactory score on placement test or grade of at least C- in [1031 or 1051]MATH)
58325 001 LEC, 18:00-20:05 MW, Lind Hall 302, In Person Term Based; 4 cr.
58326 010 LEC, 8:30- 9:20 MWF, McNeal Hall 10, In Person Term Based; 4 cr.
58327 011 DIS, 8:30- 9:20 TTh, McNeal Hall 316, In Person Term Based; 4 cr.
58328 020 LEC, 14:30-15:20 MWF, Bruininks Hall 220, In Person Term Based; 4 cr.
58329 021 DIS, 14:30-15:20 TTh, Vincent Hall 6, In Person Term Based; 4 cr.
58330 022 DIS, 14:30-15:20 TTh, Vincent Hall 211, In Person Term Based; 4 cr.
58331 023 DIS, 15:35-16:25 TTh, Lind Hall 203, In Person Term Based; 4 cr.
58332 024 DIS, 15:35-16:25 TTh, Vincent Hall 6, In Person Term Based; 4 cr.
58840 002 LEC, 18:00-20:05 TTh, Ford Hall 115, In Person Term Based; 4 cr.
59098 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)
58813 001 LEC, 18:00-20:05 MW, Vincent Hall 206, In Person Term Based; 3 cr.
58814 010 LEC, 9:05- 9:55 MWF, Bruininks Hall 330, In Person Term Based; 3 cr.
58815 011 DIS, 9:05- 9:55 Th, Bruininks Hall 530A, In Person Term Based; 3 cr.

58816 012 DIS, 9:05- 9:55 Th, Keller Hall 2-260, In Person Term Based; 3 cr.
58817 013 DIS, 10:10-11:00 Th, Keller Hall 2-260, In Person Term Based; 3 cr.
58818 014 DIS, 10:10-11:00 Th, Bruininks Hall 432, In Person Term Based; 3 cr.
58819 020 LEC, 11:15-12:05 MWF, Bruininks Hall 412, In Person Term Based; 3 cr.
58820 021 DIS, 14:30-15:20 Th, Keller Hall 2-260, In Person Term Based; 3 cr.
58821 022 DIS, 14:30-15:20 Th, Bruininks Hall 530B, In Person Term Based; 3 cr.
58822 023 DIS, 15:35-16:25 Th, Keller Hall 2-260, In Person Term Based; 3 cr.
58823 024 DIS, 15:35-16:25 Th, Bruininks Hall 530B, In Person Term Based; 3 cr.
58922 002 LEC, 18:00-20:05 TTh, Vincent Hall 311, In Person Term Based; 3 cr.
60869 301 LEC, Completely Online; Sunita Chepuri ; 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)
58333 001 LEC, 18:00-20:05 MW, Vincent Hall 211, In Person Term Based; 4 cr.
58334 002 LEC, 18:00-20:05 TTh, Vincent Hall 6, In Person Term Based; 4 cr.
58335 010 LEC, 8:00- 8:50 MWF, Vincent Hall 16, In Person Term Based; ; 4 cr.
58336 011 DIS, 8:00- 8:50 TTh, Vincent Hall 207, In Person Term Based; 4 cr.
58337 012 DIS, 8:00- 8:50 TTh, Vincent Hall 206, In Person Term Based; 4 cr.
58338 013 DIS, 9:05- 9:55 TTh, Lind Hall 340, In Person Term Based; 4 cr.
58339 014 DIS, 9:05- 9:55 TTh, Lind Hall 325, In Person Term Based; 4 cr.
58340 030 LEC, 11:15-12:05 MWF, Rapson Hall 100, In Person Term Based; ; 4 cr.
58341 031 DIS, 11:15-12:05 TTh, Appleby Hall 3, In Person Term Based; 4 cr.
58342 032 DIS, 11:15-12:05 TTh, Akerman Hall 313, In Person Term Based; 4 cr.
58343 033 DIS, 11:15-12:05 TTh, Akerman Hall 215, In Person Term Based; 4 cr.
58344 034 DIS, 12:20-13:10 TTh, Ford Hall B10, In Person Term Based; 4 cr.
58345 040 LEC, 13:25-14:15 MWF, Rapson Hall 100, In Person Term Based; ; 4 cr.
58346 041 DIS, 13:25-14:15 TTh, Ford Hall B80, In Person Term Based; 4 cr.
58347 042 DIS, 13:25-14:15 TTh, Lind Hall 229, In Person Term Based; 4 cr.
58348 043 DIS, 13:25-14:15 TTh, Lind Hall 203, In Person Term Based; 4 cr.
58349 044 DIS, 14:30-15:20 TTh, Lind Hall 203, In Person Term Based; 4 cr.
59099 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Scott Flancher ; 4 cr.
59178 035 DIS, 12:20-13:10 TTh, Appleby Hall 226, In Person Term Based; 4 cr.
60108 036 DIS, 12:20-13:10 TTh, Ford Hall B15, In Person Term Based; 4 cr.
60267 045 DIS, 14:30-15:20 TTh, Ford Hall 115, In Person Term Based; 4 cr.
60460 050 LEC, 15:35-16:25 MWF, Fraser Hall 101, In Person Term Based; ; 4 cr.
60461 051 DIS, 15:35-16:25 TTh, Tate Hall 120, In Person Term Based; 4 cr.
60462 052 DIS, 15:35-16:25 TTh, Lind Hall 229, In Person Term Based; 4 cr.
60463 053 DIS, 16:40-17:30 TTh, Lind Hall 217, In Person Term Based; 4 cr.
60464 054 DIS, 16:40-17:30 TTh, Lind Hall 215, In Person Term Based; 4 cr.

1272 Calculus II

(Student Option; Prereq: [1271 or equiv] with grade of at least C-)
58350 001 LEC, 18:00-20:05 MW, Ford Hall 115, In Person Term Based; 4 cr.
58351 010 LEC, 9:05- 9:55 MWF, Anderson Hall 270, In Person Term Based; Daniel Johnstone ; 4 cr.
58352 011 DIS, 9:05- 9:55 TTh, Lind Hall 320, In Person Term Based; 4 cr.
58353 012 DIS, 9:05- 9:55 TTh, Vincent Hall 311, In Person Term Based; 4 cr.
58354 013 DIS, 9:05- 9:55 TTh, Vincent Hall 20, In Person Term Based; 4 cr.
58355 014 DIS, 10:10-11:00 TTh, Nicholson Hall 115, In Person Term Based; 4 cr.
58356 030 LEC, 12:20-13:10 MWF, Anderson Hall 370, In Person Term Based; Daniel Johnstone ; 4 cr.
58357 031 DIS, 12:20-13:10 TTh, Ford Hall B80, In Person Term Based; 4 cr.

Mathematics (MATH)

58358 032 DIS, 12:20-13:10 TTh, Lind Hall 229, In Person Term Based; 4 cr.
 58359 033 DIS, 12:20-13:10 TTh, Lind Hall 203, In Person Term Based; 4 cr.
 58360 034 DIS, 13:25-14:15 TTh, Amundson Hall 162, In Person Term Based; 4 cr.
 58361 040 LEC, 15:35-16:25 MWF, Rapson Hall 100, In Person Term Based; Jeffrey Calder ; 4 cr.
 58362 041 DIS, 15:35-16:25 TTh, Vincent Hall 20, In Person Term Based; 4 cr.
 58363 042 DIS, 15:35-16:25 TTh, Tate Hall B85, In Person Term Based; 4 cr.
 58364 043 DIS, 16:40-17:30 TTh, Vincent Hall 6, In Person Term Based; 4 cr.
 58365 044 DIS, 16:40-17:30 TTh, Vincent Hall 113, In Person Term Based; 4 cr.
 58841 002 LEC, 18:00-20:05 TTh, Vincent Hall 113, In Person Term Based; 4 cr.
 59100 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Kimberly Logan ; 4 cr.
 59648 015 DIS, 10:10-11:00 TTh, Amundson Hall 124, In Person Term Based; 4 cr.
 59649 016 DIS, 10:10-11:00 TTh, Keller Hall 3-115, In Person Term Based; 4 cr.
 59719 035 DIS, 13:25-14:15 TTh, Amundson Hall 158, In Person Term Based; 4 cr.
 60268 036 DIS, 13:25-14:15 TTh, Lind Hall 217, 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-Bioproduct/Biosys Engr)
 58570 020 LEC, 9:05-9:55 MW, Vincent Hall 16, In Person Term Based; Jennie Morgan ; 4 cr.
 58571 021 DIS, 8:00-9:55 Th, Vincent Hall 213, 8:00-8:50 T, Vincent Hall 213, In Person Term Based; 4 cr.
 58572 022 DIS, 10:10-12:05 Th, Ford Hall B10, 10:10-11:00 T, Vincent Hall 209, In Person Term Based; 4 cr.
 58573 023 DIS, 10:10-12:05 Th, Vincent Hall 207, 11:15-12:05 T, Vincent Hall 207, In Person Term Based; 4 cr.
 58574 024 DIS, 12:20-14:15 Th, Amundson Hall 240, 12:20-13:10 T, Vincent Hall 1, In Person Term Based; 4 cr.
 58575 030 LEC, 13:25-14:15 MW, Fraser Hall 102, In Person Term Based; ; 4 cr.
 58576 031 DIS, 10:10-12:05 Th, Amundson Hall 240, 10:10-11:00 T, Vincent Hall 207, In Person Term Based; 4 cr.
 58577 032 DIS, 10:10-12:05 Th, Amundson Hall 158, 11:15-12:05 T, Vincent Hall 209, In Person Term Based; 4 cr.
 58578 033 DIS, 12:20-14:15 Th, Vincent Hall 1, 12:20-13:10 T, Vincent Hall 209, In Person Term Based; 4 cr.
 58579 034 DIS, 12:20-14:15 Th, Vincent Hall 213, 13:25-14:15 T, Vincent Hall 209, In Person Term Based; 4 cr.
 58580 040 LEC, 14:30-15:20 MW, Mayo Bldg & Additions C231, In Person Term Based; 4 cr.
 58581 042 DIS, 10:10-12:05 Th, Vincent Hall 209, 10:10-11:00 T, Vincent Hall 206, In Person Term Based; 4 cr.
 58582 043 DIS, 12:20-14:15 Th, Vincent Hall 209, 12:20-13:10 T, Vincent Hall 207, In Person Term Based; 4 cr.
 59064 044 DIS, 12:20-14:15 Th, Vincent Hall 207, 13:25-14:15 T, Vincent Hall 207, In Person Term Based; 4 cr.
 59190 025 DIS, 14:30-16:25 Th, Kolthoff Hall 140, 14:30-15:20 T, Vincent Hall 207, In Person Term Based; 4 cr.
 59191 035 DIS, 14:30-16:25 Th, Kolthoff Hall 138, 15:35-16:25 T, Smith Hall 121, In Person Term Based; 4 cr.
 59192 045 DIS, 14:30-16:25 Th, Smith Hall 121, 14:30-15:20 T, Bruininks Hal 121, In Person Term Based; 4 cr.

1572H Honors Calculus II

(A-F only; Prereq: 1571H, honors student, permission of University Honors Program)
 58591 010 LEC, 10:10-11:00 MWF, Vincent Hall 20, In Person Term Based; ; 4 cr.
 58592 011 DIS, 10:10-11:00 TTh, Blegen Hall 125, In Person Term Based; 4 cr.

2243 Linear Algebra and Differential Equations

(Student Option; Prereq: [1272 or 1282 or 1372 or 1572] w/grade of at least C-)
 58366 001 LEC, 18:00-20:05 MW, Ford Hall 110, In Person Term Based; 4 cr.
 58367 010 LEC, 12:20-13:10 MWF, Fraser Hall 101, In Person Term Based; Dennis Hejhal ; 4 cr.
 58368 011 DIS, 11:15-12:05 TTh, Lind Hall 229, In Person Term Based; 4 cr.
 58369 013 DIS, 11:15-12:05 TTh, Lind Hall 217, In Person Term Based; 4 cr.

58370 014 DIS, 12:20-13:10 TTh, Lind Hall 217, In Person Term Based; 4 cr.
 58371 020 LEC, 15:35-16:25 MWF, Fraser Hall 102, In Person Term Based; Dennis Hejhal ; 4 cr.
 58372 021 DIS, 14:30-15:20 TTh, Tate Hall B85, In Person Term Based; 4 cr.
 58373 022 DIS, 14:30-15:20 TTh, Lind Hall 217, In Person Term Based; 4 cr.
 58374 023 DIS, 15:35-16:25 TTh, Lind Hall 217, In Person Term Based; 4 cr.
 58842 002 LEC, 18:00-20:05 TTh, Ford Hall 151, In Person Term Based; 4 cr.
 59102 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Alice Nadeau ; 4 cr.
 60179 012 DIS, 11:15-12:05 TTh, Lind Hall 203, In Person Term Based; 4 cr.
 60180 024 DIS, 15:35-16:25 TTh, Tate Hall B55, In Person Term Based; 4 cr.
 60254 015 DIS, 12:20-13:10 TTh, Lind Hall 215, In Person Term Based; 4 cr.

2263 Multivariable Calculus

(Student Option; Prereq: [1272 or 1372 or 1572] w/grade of at least C-)
 58375 001 LEC, 18:00-20:05 MW, Vincent Hall 113, In Person Term Based; Antoine Pauthier ; 4 cr.
 58376 010 LEC, 11:15-12:05 MWF, Fraser Hall 102, In Person Term Based; Nadejda Drenska ; 4 cr.
 58377 012 DIS, 11:15-12:05 TTh, Elliott Hall N119, In Person Term Based; 4 cr.
 58378 013 DIS, 11:15-12:05 TTh, Tate Hall 110, In Person Term Based; 4 cr.
 58379 014 DIS, 12:20-13:10 TTh, Vincent Hall 6, In Person Term Based; 4 cr.
 58380 020 LEC, 13:25-14:15 MWF, Bruininks Hall 230, In Person Term Based; 4 cr.
 58381 021 DIS, 13:25-14:15 TTh, Lind Hall 215, In Person Term Based; 4 cr.
 58382 022 DIS, 13:25-14:15 TTh, Vincent Hall 6, In Person Term Based; 4 cr.
 58383 023 DIS, 13:25-14:15 TTh, Vincent Hall 211, In Person Term Based; 4 cr.
 59101 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Jonathan Roth ; 4 cr.
 59189 011 DIS, 11:15-12:05 TTh, Vincent Hall 6, In Person Term Based; 4 cr.
 60178 024 DIS, 14:30-15:20 TTh, Lind Hall 215, In Person Term Based; 4 cr.
 60255 025 DIS, 14:30-15:20 TTh, Vincent Hall 311, In Person Term Based; 4 cr.
 60727 015 DIS, 12:20-13:10 TTh, Akerman Hall 313, 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-)
 58384 010 LEC, 12:20-13:10 MW, Nicholson Hall 35, In Person Term Based; Ionut Ciocan-Fontanine ; 3 cr.
 58385 011 DIS, 12:20-13:10 TTh, Vincent Hall 311, In Person Term Based; 3 cr.
 60248 012 DIS, 13:25-14:15 TTh, Vincent Hall 311, 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)
 58914 010 LEC, 11:15-12:05 MW, Anderson Hall 370, In Person Term Based; Greg Anderson ; 4 cr.
 58915 012 DIS, 10:10-11:00 T, Lind Hall 40, 9:05-9:55 TTh, Vincent Hall 2, In Person Term Based; 4 cr.
 58916 013 DIS, 11:15-12:05 T, Lind Hall 40, 10:10-11:00 TTh, Lind Hall 229, In Person Term Based; 4 cr.
 58917 014 DIS, 12:20-13:10 T, Lind Hall 40, 11:15-12:05 TTh, Vincent Hall 20, In Person Term Based; 4 cr.
 58918 020 LEC, 14:30-15:20 MW, Rapson Hall 100, In Person Term Based; ; 4 cr.
 58919 021 DIS, 14:30-15:20 T, Lind Hall 40, 13:25-14:15 TTh, Vincent Hall 20, In Person Term Based; 4 cr.
 58920 022 DIS, 15:35-16:25 T, Lind Hall 40, 14:30-15:20 TTh, Vincent Hall 20, In Person Term Based; 4 cr.
 59789 015 DIS, 13:25-14:15 T, Lind Hall 40, 12:20-13:10 TTh, Vincent Hall 20, In Person Term Based; 4 cr.
 59978 023 DIS, 16:40-17:30 T, Lind Hall 40, 15:35-16:25 TTh, Lind Hall 215, In Person Term Based; 4 cr.
 60144 024 DIS, 17:45-18:35 T, Lind Hall 40, 16:40-17:30 TTh, Vincent Hall 311, In Person Term Based; 4 cr.
 66298 011 DIS, 9:05-9:55 T, Lind Hall 40, 8:00-8:50 TTh, Vincent Hall 2, In Person Term Based; ; 4 cr.
 66299 025 DIS, 18:50-19:40 T, Vincent Hall 1, 17:45-18:35 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-Bioproduct/Biosys Engr)
 58583 011 DIS, 9:05-9:55 Th, Lind Hall 40, 8:00-8:50 TTh, Vincent Hall 1, In Person Term Based; 4 cr.
 58584 012 DIS, 10:10-11:00 Th, Lind Hall 40, 9:05-9:55 TTh, Vincent Hall 1, In Person Term Based; 4 cr.
 58585 013 DIS, 11:15-12:05 Th, Lind Hall 40, 10:10-11:00 TTh, Lind Hall 217, In Person Term Based; 4 cr.
 58586 020 LEC, 13:25-14:15 WF, Anderson Hall 370, In Person Term Based; Natalie Sheils ; 4 cr.
 58587 021 DIS, 14:30-15:20 Th, Lind Hall 40, 13:25-14:15 TTh, Vincent Hall 2, In Person Term Based; 4 cr.
 58588 022 DIS, 15:35-16:25 Th, Lind Hall 40, 14:30-15:20 TTh, Vincent Hall 2, In Person Term Based; 4 cr.
 58589 023 DIS, 16:40-17:30 Th, Lind Hall 40, 15:35-16:25 TTh, Vincent Hall 311, In Person Term Based; 4 cr.
 58590 024 DIS, 17:45-18:35 Th, Lind Hall 40, 16:40-17:30 TTh, Vincent Hall 20, In Person Term Based; 4 cr.
 58921 014 DIS, 12:20-13:10 Th, Lind Hall 40, 11:15-12:05 TTh, Vincent Hall 2, In Person Term Based; 4 cr.
 59069 010 LEC, 9:05-9:55 WF, Anderson Hall 370, In Person Term Based; Natalie Sheils ; 4 cr.
 59105 025 DIS, 18:50-19:40 Th, Lind Hall 40, 17:45-18:35 TTh, Lind Hall 215, In Person Term Based; 4 cr.
 59832 015 DIS, 13:25-14:15 Th, Lind Hall 40, 12:20-13:10 TTh, Vincent Hall 2, 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)
 58923 010 LEC, 10:10-11:00 MWF, Vincent Hall 16, In Person Term Based; ; 4 cr.
 58924 011 DIS, 9:05-9:55 TTh, Vincent Hall 209, In Person Term Based; 4 cr.
 58925 012 DIS, 9:05-9:55 TTh, Vincent Hall 207, In Person Term Based; 4 cr.
 60225 013 DIS, 10:10-11:00 TTh, Amundson Hall 120, In Person Term Based; 4 cr.
 60337 014 DIS, 10:10-11:00 TTh, Vincent Hall 20, In Person Term Based; 4 cr.
 66117 015 DIS, 10:10-11:00 TTh, Vincent Hall 2, 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)
 58883 010 LEC, 9:05-9:55 MWF, Molecular Cellular Biol 3-120, In Person Term Based; Bryan Mosher ; 4 cr.
 58884 011 DIS, 9:05-9:55 TTh, Lind Hall 229, In Person Term Based; 4 cr.
 59818 012 DIS, 9:05-9:55 TTh, Lind Hall 203, In Person Term Based; 4 cr.
 59819 013 DIS, 9:05-9:55 TTh, Vincent Hall 6, In Person Term Based; 4 cr.
 60243 014 DIS, 10:10-11:00 TTh, Appleby Hall 3, In Person Term Based; 4 cr.
 60466 015 DIS, 10:10-11:00 TTh, Elliott Hall N119, In Person Term Based; 4 cr.
 60664 016 DIS, 10:10-11:00 TTh, Lind Hall 203, In Person Term Based; 4 cr.

3593H Honors Mathematics II

(A-F or Audit; Prereq: 3592H or instr consent)
 59156 010 LEC, 10:10-11:00 MWF, Bruininks Hall 123, In Person Term Based; Markus Keel ; 5 cr.
 59157 011 DIS, 10:10-11:00 TTh, Vincent Hall 301, In Person Term Based; 5 cr.

4065 Theory of Interest

(A-F only; Prereq: 1272 or 1372 or 1572)
 58503 001 LEC, 10:10-12:05 MW, Ford Hall B15, In Person Term Based; Breanne Richins ; 4 cr.
 60245 002 LEC, 10:10-12:05 MW, Ford Hall B80, In Person Term Based; Katherine Kovarik ; 4 cr.
 60353 003 LEC, 17:00-18:40 MW, Tate Hall 120, In Person Term Based; Thomas Schwartzbauer ; 4 cr.

4067W Actuarial Mathematics in Practice

(A-F only; Prereq: 4065, ACCT 2050, ECON 1101, ECON 1102WI)
 60347 001 LEC, 17:00-19:30 W, Bruininks Hall 512A, In Person Term Based; Doreen Vescelius ; 3 cr.

4151 Elementary Set Theory

(Student Option; Prereq: One soph math course or instr consent)

66917 001 LEC, 9:45-11:00 MW, Vincent Hall 209, In Person Term Based; William Messing ; 3 cr.

4242 Applied Linear Algebra

(Student Option; Prereq: 2243 or 2373 or 2573)
58803 002 LEC, 10:10-11:00 MWF, Vincent Hall 211, In Person Term Based; Dongkwan Kim ; 4 cr.
58897 003 LEC, 12:20-13:10 MWF, Vincent Hall 6, In Person Term Based; Dihua Jiang ; 4 cr.
59106 004 LEC, 12:20-13:10 MWF, Vincent Hall 211, In Person Term Based; Karel Prikry ; 4 cr.
59549 001 LEC, 10:10-11:00 MWF, Vincent Hall 6, In Person Term Based; William Leeb ; 4 cr.
60256 005 LEC, 14:30-15:20 MWF, Vincent Hall 211, In Person Term Based; Karel Prikry ; 4 cr.
60319 006 LEC, 14:30-15:20 MWF, Vincent Hall 113, In Person Term Based; Dongkwan Kim ; 4 cr.

4281 Introduction to Modern Algebra

(Student Option; Prereq: 2283 or 3283 or instr consent)
59158 001 LEC, 9:05-9:55 MWF, Vincent Hall 211, In Person Term Based; Darij Grinberg ; 4 cr.
60465 002 LEC, 11:15-12:05 MWF, Vincent Hall 211, In Person Term Based; Darij Grinberg ; 4 cr.

4428 Mathematical Modeling

(Student Option; Prereq: 2243 or 2373 or 2573)
58622 001 LEC, 10:10-11:00 MWF, Vincent Hall 2, In Person Term Based; Yoichiro Mori ; 4 cr.
60555 002 LEC, 12:20-13:10 MWF, Vincent Hall 2, In Person Term Based; Yoichiro Mori ; 4 cr.

4512 Differential Equations with Applications

(Student Option; Prereq: 2243 or 2373 or 2573)
58614 001 LEC, 10:10-11:00 MWF, Vincent Hall 1, In Person Term Based; Mikhail Safonov ; 3 cr.
60354 002 LEC, 13:25-14:15 MWF, Vincent Hall 211, In Person Term Based; Mikhail Safonov ; 3 cr.

4567 Applied Fourier Analysis

(Student Option; Prereq: 2243 or 2373 or 2573)
58623 001 LEC, 13:25-14:15 MWF, Vincent Hall 311, In Person Term Based; Sergey Bobkov ; 4 cr.
60355 002 LEC, 15:35-16:25 MWF, Vincent Hall 2, In Person Term Based; Jiaping Wang ; 4 cr.

4604 Advanced Calculus II

(Student Option; Prereq: 4603 or 5615 or instr consent)
60287 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)
59756 001 LEC, 10:10-12:05 TTh, Vincent Hall 1, In Person Term Based; Liran Rotem ; 4 cr.

4707 Introduction to Combinatorics and Graph Theory

(Student Option; Prereq: 2243, [2283 or 3283])
59081 001 LEC, 14:30-16:25 MW, Vincent Hall 1, In Person Term Based; ; 4 cr.

4991 Independent Study

(Student Option;)
58825 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.
59804 002 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.
60252 003 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

4992 Directed Reading

(Student Option;)
58826 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.
59981 002 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

4993 Directed Study

(Student Option;)
58827 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)
59070 001 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
59723 004 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
59724 003 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.

59725 002 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
59726 005 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
60258 006 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
60261 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 consent WI)
59071 001 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
59727 008 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
59728 007 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
59729 006 IND, 00:00-00:00 , , Independent/Directed Study; Sergey Bobkov ; 1 cr.
59730 005 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
59731 004 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
59732 003 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
59733 002 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
59806 009 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
60050 010 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
60260 011 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.
68740 012 IND, In Person Term Based; 1 cr.
68829 013 IND, In Person Term Based; 1 cr.
68858 014 IND, In Person Term Based; 1 cr.
68859 015 IND, In Person Term Based; 1 cr.
68860 016 IND, In Person Term Based; 1 cr.
68861 017 IND, In Person Term Based; 1 cr.
68901 018 IND, In Person Term Based; 1 cr.
68902 019 IND, In Person Term Based; 1 cr.
68903 020 IND, In Person Term Based; 1 cr.

5068 Actuarial Mathematics II

(Student Option; Prereq: 5067)
58519 001 LEC, 12:20-14:15 MW, Ford Hall B15, In Person Term Based; Breanne Richins ; 4 cr.
60304 002 LEC, 12:20-14:15 MW, Tate Hall B65, In Person Term Based; Aileen Lyle ; 4 cr.

5076 Mathematics of Options, Futures, and Derivative Securities II

(A-F or Audit; Prereq: 5075)
58885 001 LEC, 14:30-16:25 MW, Vincent Hall 209, In Person Term Based; ; 4 cr.

5248 Cryptology and Number Theory

(Student Option; Prereq: 2 sems soph math)
59734 001 LEC, 13:00-14:15 MW, Vincent Hall 113, In Person Term Based; Andrew Odlyzko ; 4 cr.
60356 002 LEC, 14:30-15:45 TTh, Vincent Hall 113, In Person Term Based; David Sherman ; 4 cr.

5251 Error-Correcting Codes, Finite Fields, Algebraic Curves

(Student Option; Prereq: 2 sems soph math)
58615 001 LEC, 16:00-17:15 MW, Mechanical Engineering 102, In Person Term Based; Andrew Odlyzko ; 4 cr.
67707 883 LEC, 16:00-17:15 MW, ONLINE, In Person Term Based; Andrew Odlyzko ; 4 cr.

5286H Honors: Fundamental Structures of Algebra II

(Student Option; Prereq: 5285)
58601 001 LEC, 10:10-11:00 MWF, Vincent Hall 113, In Person Term Based; Victor Reiner ; 4 cr.

5378 Differential Geometry

(Student Option; Prereq: [2263 or 2374 or 2573], [2243 or 2373 or 2574]; [2283 or 3283] recommended)
58621 001 LEC, 13:25-14:15 MWF, Vincent Hall 20, 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])
60177 001 LEC, 14:30-15:45 MW, Amundson Hall 156, In Person Term Based; Jay Yang ; 4 cr.

5445 Mathematical Analysis of Biological Networks

(Student Option; Prereq: Linear algebra, differential equations)

60564 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)

58824 001 LEC, 11:15-12:30 TTh, Vincent Hall 211, In Person Term Based; Li Wang ; 4 cr.

5525 Introduction to Ordinary Differential Equations

(Student Option; Prereq: [2243 or 2373 or 2573], [2283 or 2574 or 3283])
59126 001 LEC, 11:15-12:05 MWF, Cooke Hall 215, In Person Term Based; Peter Polacik ; 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)
58886 001 LEC, 14:30-15:45 TTh, Vincent Hall 206, In Person Term Based; Helena Zarin ; 4 cr.

5616H Honors: Introduction to Analysis II

(Student Option; Prereq: 5615)
58612 001 LEC, 12:20-13:10 MWF, Vincent Hall 206, In Person Term Based; Douglas Arnold ; 4 cr.
58613 002 LEC, 14:30-15:20 MWF, Vincent Hall 207, In Person Term Based; ; 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.)
58624 001 LEC, 10:10-12:05 TTh, Vincent Hall 113, In Person Term Based; Maury Bramson ; 4 cr.
58926 002 LEC, 10:10-12:05 TTh, Appleby Hall 219, In Person Term Based; Sergey Bobkov ; 4 cr.
60357 003 LEC, 16:40-18:35 TTh, Tate Hall B65, In Person Term Based; Wai-Kit Lam ; 4 cr.

5652 Introduction to Stochastic Processes

(Student Option; Prereq: 5651 or Stat 5101)
58625 001 LEC, 10:10-12:05 MW, Ford Hall B10, In Person Term Based; Wei-Kuo Chen ; 4 cr.
60358 002 LEC, 10:10-12:05 TTh, Ford Hall B15, In Person Term Based; Mike Weimerskirch ; 4 cr.
60558 003 LEC, 16:40-18:35 TTh, Tate Hall 120, In Person Term Based; ; 4 cr.

5654 Prediction and Filtering

(Student Option; Prereq: 5651 or Stat 5101)
67075 001 LEC, 10:10-12:05 TTh, Vincent Hall 311, In Person Term Based; Nicolai Krylov ; 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)
58602 001 LEC, 11:15-13:10 MW, Vincent Hall 20, In Person Term Based; Christopher Fraser ; 4 cr.

5900 Tutorial in Advanced Mathematics

(A-F or Audit;)
59082 001 IND, In Person Term Based; 1-6 cr.
60253 002 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8202 General Algebra

(A-F or Audit; Prereq: 8201 or instr consent)
60273 001 LEC, 8:40- 9:30 MW, Vincent Hall 207, In Person Term Based; Christine Berkesch ; 3 cr.

8246 Group Theory

(A-F or Audit; Prereq: 8245 or instr consent)
66347 001 LEC, 14:30-15:20 MWF, Vincent Hall 2, In Person Term Based; Peter Webb ; 3 cr.
68526 555 EXC, In Person Term Based; Peter Webb ; 3 cr.

8252 Algebraic Number Theory

(A-F or Audit; Prereq: 8251 or instr consent)
66348 001 LEC, 11:15-12:05 MWF, Vincent Hall 2, In Person Term Based; Adrian Diaconu ; 3 cr.
68529 555 EXC, In Person Term Based; Adrian Diaconu ; 3 cr.

8254 Algebraic Geometry

(A-F or Audit; Prereq: 8253 or instr consent)

60819 001 LEC, 16:00-17:15 MW, Vincent Hall 213, In Person Term Based; Kai-Wen Lan ; 3 cr.

8272 Lie Groups and Lie Algebras

(A-F or Audit; Prereq: 8271 or instr consent)
60817 001 LEC, 11:15-12:30 MW, Vincent Hall 213, In Person Term Based; William Messing ; 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)
66350 001 LEC, 13:25-14:15 MWF, Vincent Hall 301, In Person Term Based; Dihua Jiang ; 1-3 cr.

8302 Manifolds and Topology

(A-F or Audit; Prereq: 8301 or instr consent)
58777 001 LEC, 13:25-14:15 MWF, Vincent Hall 209, In Person Term Based; Tian-Jun Li ; 3 cr.
68532 555 EXC, In Person Term Based; Tian-Jun Li ; 3 cr.

8307 Algebraic Topology

(A-F or Audit; Prereq: 8306 or instr consent)
60578 001 LEC, 10:10-11:00 MWF, Vincent Hall 301, In Person Term Based; Weiyuan Chen ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
58927 001 IND, Independent/Directed Study; 1 cr.

8366 Riemannian Geometry

(A-F or Audit; Prereq: 8365 or instr consent)
66430 001 LEC, 13:25-14:15 MWF, Vincent Hall 1, In Person Term Based; Jiaping Wang ; 3 cr.

8402 Mathematical Modeling and Methods of Applied Mathematics

(A-F or Audit; Prereq: 8401 or instr consent)
58782 001 LEC, 9:05- 9:55 MWF, Vincent Hall 301, In Person Term Based; Ru-yu Lai ; 3 cr.

8442 Numerical Analysis and Scientific Computing

(Student Option; Prereq: 8441 or instr consent; 5477-5478 recommended for engineering and science grad students)
58783 001 LEC, 11:15-12:05 MWF, Vincent Hall 209, In Person Term Based; Bernardo Cockburn ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
58928 001 IND, In Person Term Based; 1 cr.

8502 Differential Equations and Dynamical Systems II

(A-F or Audit; Prereq: 8501 or instr consent)
66363 001 LEC, 11:15-12:05 MWF, Vincent Hall 207, In Person Term Based; Arnd Scheel ; 3 cr.

8584 Theory of Partial Differential Equations

(A-F or Audit; Prereq: 8583 or instr consent)
60365 001 LEC, 10:10-11:00 MWF, Vincent Hall 207, In Person Term Based; Hao Jia ; 3 cr.

8590 Topics in Partial Differential Equations

(A-F or Audit; Prereq: 8602; offered for one yr or one sem as circumstances warrant)
66431 001 LEC, 14:30-15:20 MWF, Vincent Hall 364, In Person Term Based; Peter Polacik ; 1-3 cr.

8602 Real Analysis

(A-F or Audit; Prereq: 8601 or instr consent)
58797 001 LEC, 10:10-11:00 MWF, Vincent Hall 206, In Person Term Based; Paul Garrett ; 3 cr.
68535 555 EXC, In Person Term Based; Paul Garrett ; 3 cr.

8652 Theory of Probability Including Measure Theory

(Student Option; Prereq: 8651 or instr consent)
58802 001 LEC, 16:00-17:15 MW, Vincent Hall 211, In Person Term Based; Arnab Sen ; 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)
58929 001 IND, In Person Term Based; 1-6 cr.

8680 Topics in Combinatorics

(A-F or Audit; Prereq: Grad math major or instr consent; offered as one yr or one sem crse as circumstances warrant)
66353 001 LEC, 14:30-15:45 MW, Vincent Hall 206, In Person Term Based; Pavlo Pylyavskyy ; 1-3 cr.

8702 Complex Analysis

(A-F or Audit; Prereq: 8701 or instr consent)
58796 001 LEC, 14:30-15:20 MWF, Vincent Hall 301, In Person Term Based; Vladimir Sverak ; 3 cr.
68536 555 EXC, In Person Term Based; Vladimir Sverak ; 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])
58930 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)
58931 001 IND, In Person Term Based; 1-24 cr.

8990 Topics in Mathematics

(S-N or Audit; Prereq: instr consent)
58900 001 IND, In Person Term Based; 1-6 cr.

8991 Independent Study

(Student Option; Prereq: instr consent)
58901 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-6 cr.
59980 002 IND, 00:00-00:00 , , Independent/Directed Study; 1-6 cr.
60007 003 IND, 00:00-00:00 , , Independent/Directed Study; 1-6 cr.
68865 004 IND, In Person Term Based; Christine Berkesch ; 1-6 cr.

8992 Directed Reading

(S-N or Audit; Prereq: instr consent)
58902 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-6 cr.
59793 002 IND, 00:00-00:00 , , Independent/Directed Study; 1-6 cr.
59803 003 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.
59805 004 IND, 00:00-00:00 , , Independent/Directed Study; 1-6 cr.
60259 005 IND, 00:00-00:00 , , Independent/Directed Study; 1-6 cr.

8993 Directed Study

(S-N or Audit; Prereq: instr consent)
58903 001 IND, 00:00-00:00 , , Independent/Directed Study; Maury Bramson ; 1-6 cr.
60009 002 IND, 00:00-00:00 , , Independent/Directed Study; 1-6 cr.
60010 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)
51439 002 LEC, 13:30-14:45 MW, Lrng & Environmental Sci 139B, In Person Term Based; Foster Graif ; 3 cr.
66480 001 LEC, 11:45-13:00 MW, Lrng & Environmental Sci 139B, In Person Term Based; Megan Parise ; 3 cr.

3102 Mathematics and Pedagogy for Elementary Teachers II

(A-F only; Prereq: 3101, college algebra)
51057 001 LEC, 8:45-10:00 MW, Lrng & Environmental Sci 139B, In Person Term Based; Terrence Wyberg ; 3 cr.
51212 002 LEC, 10:15-11:30 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)
50667 001 LEC, 13:30-16:15 TTh, Lrng & Environmental Sci 139B, In Person Term Based; Erin Baldinger ; 3 cr.

5366 Technology-Assisted Mathematics Instruction

(Student Option;)
50827 001 LEC, 16:40-19:20 T, Lrng & Environmental Sci 139A, In Person Term Based; Terrence Wyberg ; 3 cr.

5696 Student Teaching in Mathematics

(S-N only; Prereq: MEd/initial licensure student or instr consent)
50692 001 FWK, 16:40-19:20 W, Lrng & Environmental Sci 139A, In Person Term Based; Megan Parise ; 1-8 cr.

5993 Directed Studies in Mathematics Education

(S-N or Audit; Prereq: Math ed MEd student, instr consent)
50693 001 IND, In Person Term Based; 2 cr.

8571 Research in Mathematics Education

(Student Option; Prereq: 5313, 8501)
51773 001 LEC, 16:40-19:20 Th, Lrng & Environmental Sci 139B, In Person Term Based; Erin Baldinger ; 3 cr.

8995 Problems: Mathematics Education

(Student Option;)
51056 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)
58762 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)
58716 001 LEC, 12:20-13:10 MWF, Rapson Hall 100, In Person Term Based; Suhasa Bangalore Kodandaramaiah ; 4 cr.
58718 003 LAB, 8:00- 9:55 T, Mechanical Engineering 50, In Person Term Based; William Durfee ; 4 cr.
58719 004 LAB, 10:10-12:05 T, Mechanical Engineering 50, In Person Term Based; William Durfee ; 4 cr.
58720 005 LAB, 12:20-14:15 T, Mechanical Engineering 50, In Person Term Based; William Durfee ; 4 cr.
58721 006 LAB, 14:30-16:25 T, Mechanical Engineering 50, In Person Term Based; William Durfee ; 4 cr.
58722 007 LAB, 8:00- 9:55 W, Mechanical Engineering 50, In Person Term Based; William Durfee ; 4 cr.
58723 008 LAB, 10:10-12:05 W, Mechanical Engineering 50, In Person Term Based; William Durfee ; 4 cr.
58724 009 LAB, 14:30-16:25 W, Mechanical Engineering 50, In Person Term Based; William Durfee ; 4 cr.
58725 010 LAB, 8:00- 9:55 Th, Mechanical Engineering 50, In Person Term Based; William Durfee ; 4 cr.
58853 011 LAB, 10:10-12:05 Th, Mechanical Engineering 50, In Person Term Based; William Durfee ; 4 cr.
58854 012 LAB, 12:20-14:15 Th, Mechanical Engineering 50, In Person Term Based; William Durfee ; 4 cr.
58855 013 LAB, 14:30-16:25 Th, Mechanical Engineering 50, In Person Term Based; William Durfee ; 4 cr.
58856 014 LAB, 9:05-11:00 F, Mechanical Engineering 50, In Person Term Based; William Durfee ; 4 cr.
59045 016 DIS, 8:00- 9:55 M, Mechanical Engineering 221, In Person Term Based; William Durfee, Suhasa Bangalore Kodandaramaiah ; 4 cr.
59046 017 DIS, 10:10-12:05 M, Mechanical Engineering 221, In Person Term Based; William Durfee, Suhasa Bangalore Kodandaramaiah ; 4 cr.
59047 018 DIS, 16:40-18:35 W, Akerman Hall 215, In Person Term Based; William Durfee, Suhasa Bangalore Kodandaramaiah ; 4 cr.
59048 019 DIS, 16:40-18:35 Th, Mechanical Engineering 221, In Person Term Based; William Durfee, Suhasa Bangalore Kodandaramaiah ; 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])
58727 009 DIS, 17:30-19:00 W, Mechanical Engineering 221, In Person Term Based; Julianna Abel ; 4 cr.
60606 010 DIS, 14:30-16:00 Th, Mechanical Engineering 221, In Person Term Based; Julianna Abel ; 4 cr.
60730 007 DIS, 8:00- 9:30 T, Bruininks Hall 512B, In Person Term Based; Julianna Abel ; 4 cr.
60731 006 LEC, 11:15-12:05 MWF, Keller Hall 3-210, In Person Term Based; Julianna Abel ; 4 cr.
60732 008 DIS, 8:00- 9:30 Th, Bruininks Hall 512B, In Person Term Based; Julianna Abel ; 4 cr.

3281 System Dynamics and Control

(A-F or Audit; Prereq: AEM 2021, [Math 2243 or Math 2373], ME upper div)
60145 002 LEC, 11:15-12:45 TTh, Vincent Hall 16, In Person Term Based; Suhasa Bangalore Kodandaramaiah; 4 cr.
60146 003 DIS, 11:15-12:05 M, Keller Hall 3-125, In Person Term Based; Suhasa Bangalore Kodandaramaiah; 4 cr.
60147 004 DIS, 13:25-14:15 T, Tate Hall 110, In Person Term Based; Suhasa Bangalore Kodandaramaiah; 4 cr.
68708 005 DIS, 14:30-15:20 W, Armory Building 116, In Person Term Based; Suhasa Bangalore Kodandaramaiah; 4 cr.

3331 Thermodynamics

(A-F only; Prereq: Chem 1061, Chem 1065, Phys 1301)
59765 001 LEC, 8:00-8:50 MWF, Bruininks Hall 330, In Person Term Based; Katharine Hunter; 3 cr.
59766 002 DIS, 14:30-15:20 Th, Bruininks Hall 432, In Person Term Based; Katharine Hunter; 3 cr.
60517 006 LEC, 8:15-9:30 TTh, Bruininks Hall 312, In Person Term Based; Alptekin Aksan; 3 cr.
60518 007 DIS, 15:35-16:25 F, Bruininks Hall 432, In Person Term Based; Alptekin Aksan; 3 cr.

3332 Fluid Mechanics

(A-F only; Prereq: Math 2243 or Math 2373, 3331)
60619 004 LEC, 15:35-16:25 Th, Mechanical Engineering 18, 15:35-17:30 T, Mechanical Engineering 18, In Person Term Based; Matt Anderson; 3 cr.
60620 005 DIS, 16:40-17:30 Th, Mechanical Engineering 18, In Person Term Based; Matt Anderson; 3 cr.

3333 Heat Transfer

(A-F only; Prereq: 3332)
59767 001 LEC, 10:10-11:00 MWF, Keller Hall 3-230, In Person Term Based; Matt Anderson; 3 cr.
59768 002 DIS, 10:10-11:00 Th, Mechanical Engineering 18, In Person Term Based; Matt Anderson; 3 cr.
60751 003 LEC, 8:00-8:50 MWF, Akerman Hall 319, In Person Term Based; Umesh Madanan; 3 cr.
60752 004 DIS, 8:00-8:50 Th, Mechanical Engineering 221, In Person Term Based; Umesh Madanan; 3 cr.
61126 005 DIS, 10:10-11:00 Th, Tate Hall B65, In Person Term Based; Umesh Madanan; 3 cr.

3990 Curricular Practical Training

(S-N only; Prereq: ME major)
60609 001 FWK, Independent/Directed Study; Frank Kelso; 1 cr.

4031W Basic Mechanical Measurements Laboratory

(A-F or Audit; Prereq: IE 4521, upper div MEWI)
59197 001 LEC, 13:25-14:15 MWF, Vincent Hall 16, In Person Term Based; Vinod Srinivasan; 4 cr.
59198 002 LAB, 9:05-12:05 M, Mechanical Engineering 152, In Person Term Based; Vinod Srinivasan; 4 cr.
59199 003 LAB, 8:00-11:00 T, Mechanical Engineering 152, In Person Term Based; Vinod Srinivasan; 4 cr.
59200 004 LAB, 9:05-12:05 W, Mechanical Engineering 152, In Person Term Based; Vinod Srinivasan; 4 cr.
59201 005 LAB, 8:00-11:00 Th, Mechanical Engineering 152, In Person Term Based; Vinod Srinivasan; 4 cr.
59202 006 LAB, 9:05-12:05 F, Mechanical Engineering 152, In Person Term Based; Vinod Srinivasan; 4 cr.
59203 007 LAB, 14:30-17:30 M, Mechanical Engineering 152, In Person Term Based; Vinod Srinivasan; 4 cr.
59204 008 LAB, 11:10-14:10 T, Mechanical Engineering 152, In Person Term Based; Vinod Srinivasan; 4 cr.
59205 009 LAB, 14:30-17:30 W, Mechanical Engineering 152, In Person Term Based; Vinod Srinivasan; 4 cr.
59206 010 LAB, 11:10-14:10 Th, Mechanical Engineering 152, In Person Term Based; Vinod Srinivasan; 4 cr.
59207 011 LAB, 14:30-17:30 F, Mechanical Engineering 152, In Person Term Based; Vinod Srinivasan; 4 cr.
59208 012 LAB, 14:20-17:20 T, Mechanical Engineering 152, In Person Term Based; Vinod Srinivasan; 4 cr.
59209 013 LAB, 14:20-17:20 Th, Mechanical Engineering 152, In Person Term Based; Vinod Srinivasan; 4 cr.
59210 014 LAB, 17:30-20:30 T, Mechanical Engineering 152, In Person Term Based; Vinod Srinivasan; 4 cr.
59211 015 LAB, 17:30-20:30 Th, Mechanical Engineering 152, In Person Term Based; Vinod Srinivasan; 4 cr.

4043W Industrial Assignment II

(A-F only; Prereq: 3041WI)
58763 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)
59786 001 FWK, 00:00-00:00 , , In Person Term Based; Frank Kelso; 2 cr.

4053 Mechanical Engineering Modeling

(Student Option;)
61080 001 LEC, 12:20-14:15 TTh, Bruininks Hall 131B, In Person Term Based; Terrence Simon, Kim Stelson; 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)
58745 001 LEC, 14:30-16:00 T, Bruininks Hall 412, In Person Term Based; Susan Mantell, William Durfee; 4 cr.
58746 002 DIS, 14:30-17:30 Th, Bruininks Hall 412, 16:00-17:30 T, Bruininks Hall 114, In Person Term Based; Susan Mantell, William Durfee; 4 cr.

4081H Mechanical Engineering Honors

Thesis I
(A-F or Audit; Prereq: ME upper div honors student, instr consent)
58837 001 IND, 00:00-00:00 , , In Person Term Based; 2 cr.

4082H Mechanical Engineering Honors

Thesis II
(A-F or Audit; Prereq: ME upper div honors student, instr consentWI)
58838 001 IND, 00:00-00:00 , , In Person Term Based; Susan Mantell; 2 cr.
68494 003 IND, In Person Term Based; Lian Shen; 2 cr.
68496 002 IND, In Person Term Based; Perry Li; 2 cr.
68648 004 IND, In Person Term Based; Carl Dutcher; 2 cr.
68680 005 IND, In Person Term Based; Carl Dutcher; 2 cr.

4090 Advanced Engineering Problems

(Student Option; Prereq: ME upper div, instr consent)
58834 001 IND, 00:00-00:00 , , In Person Term Based; Arthur Erdman; 2-4 cr.
59711 002 IND, In Person Term Based; Rajesh Rajamani; 2-4 cr.
68627 003 IND, In Person Term Based; William Durfee; 2-4 cr.
68817 004 IND, In Person Term Based; William Northrop; 2-4 cr.

4231 Motion Control Laboratory

(A-F or Audit; Prereq: 3281, 4031W, ME upper div)
58729 001 LEC, 13:25-15:20 F, Rapson Hall 43, In Person Term Based; Zongxuan Sun; 4 cr.
58730 003 LAB, 9:05-12:05 M, Mechanical Engineering 270, In Person Term Based; Zongxuan Sun; 4 cr.
58731 004 LAB, 14:30-17:30 M, Mechanical Engineering 270, In Person Term Based; Zongxuan Sun; 4 cr.
58732 005 LAB, 9:05-12:05 T, Mechanical Engineering 270, In Person Term Based; Zongxuan Sun; 4 cr.
58733 006 LAB, 9:05-12:05 Th, Mechanical Engineering 270, In Person Term Based; Zongxuan Sun; 4 cr.
58734 007 LAB, 9:05-12:05 W, Mechanical Engineering 270, In Person Term Based; Zongxuan Sun; 4 cr.
59062 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)
59085 001 LEC, 11:15-13:10 F, Mechanical Engineering 221, In Person Term Based; James Van De Ven; 4 cr.
59086 002 LAB, 9:05-11:00 TTh, Mechanical Engineering 256, In Person Term Based; James Van De Ven; 4 cr.
59087 003 LAB, 11:15-13:10 TTh, Mechanical Engineering 256, In Person Term Based; James Van De Ven; 4 cr.
59088 004 LAB, 12:20-14:15 MW, Mechanical Engineering 256, In Person Term Based; James Van De Ven; 4 cr.
59089 005 LAB, 14:30-16:25 MW, Mechanical Engineering 256, In Person Term Based; James Van De Ven; 4 cr.
59788 006 LAB, 10:10-12:05 MW, Mechanical Engineering 256, In Person Term Based; James Van De Ven; 4 cr.
60607 007 LAB, 8:00-10:00 MW, Mechanical Engineering 256, In Person Term Based; James Van De Ven; 4 cr.

4431W Energy Conversion Systems

Laboratory
(A-F or Audit; Prereq: 3333, 4031W, [ME upper div or grad student]WI)
60834 001 LEC, 12:20-13:10 TTh, Mechanical Engineering 221, In Person Term Based; William Northrop; 4 cr.
60835 002 LAB, 11:15-14:15 W, Mechanical Engineering 465, In Person Term Based; William Northrop; 4 cr.
60836 003 LAB, 9:05-12:05 Th, Mechanical Engineering 465, In Person Term Based; William Northrop; 4 cr.
60837 004 LAB, 9:05-12:05 F, Mechanical Engineering 465, In Person Term Based; William Northrop; 4 cr.
60838 005 LAB, 12:20-15:20 F, Mechanical Engineering 465, In Person Term Based; William Northrop; 4 cr.
60839 006 LAB, 8:00-11:00 W, Mechanical Engineering 465, In Person Term Based; William Northrop; 4 cr.

5229 Finite Element Method for Computational Mechanics: Transient/ Dynamic Applications

(A-F or Audit;)
68070 001 LEC, 15:35-17:30 WF, Mechanical Engineering 108, In Person Term Based; Kumar Tamma; 4 cr.

5241 Computer-Aided Engineering

(A-F or Audit; Prereq: 3222, CSci 1113 or equiv, CSE upper div or grad)
58889 001 LEC, 13:25-15:20 MW, Mechanical Engineering 212, In Person Term Based; Frank Kelso; 4 cr.
60228 883 LEC, 13:25-15:20 MW, ONLINE, Completely Online; Frank Kelso; 4 cr.

5248 Vibration Engineering

(Student Option; Prereq: CSE upper div or grad, 3281)
60753 001 LEC, 9:05-11:00 MW, Keller Hall 3-115, In Person Term Based; Frank Kelso; 4 cr.
66921 883 LEC, 9:05-11:00 MW, ONLINE, Completely Online; Frank Kelso; 4 cr.

5286 Robotics

(A-F or Audit; Prereq: [3281 or equiv], [upper div ME or AEM or CSci or grad student])
59044 001 LEC, 11:15-13:10 WF, Keller Hall 3-125, In Person Term Based; Max Donath; 4 cr.
60159 883 LEC, 11:15-13:10 WF, ONLINE, Completely Online; Max Donath; 4 cr.

5351 Computational Heat Transfer

(A-F or Audit; Prereq: 3333, CSE upper div or grad student)
66771 001 LEC, 10:10-12:05 TTh, Bruininks Hall 131B, In Person Term Based; Sean Garrick; 4 cr.

5461 Internal Combustion Engines

(A-F or Audit; Prereq: CSE upper div or grad student, C or better in [3332, 3333] or 3324)
66772 001 LEC, 11:15-12:05 MWThF, Civil Engineering Bldg 212, In Person Term Based; David Kittelson; 4 cr.

8001 Research Ethics and Professional Practice

(No Grade Associated;)
67919 001 DIS, In Person Term Based; 0 cr.

8222 New Product Design and Business Development II

(A-F or Audit; Prereq: 8221)
58778 001 LEC, 17:00-20:20 W, Carlson School of Mgmt 1-147, In Person Term Based; Meets With: 060 ENTR 6042001 BMEN 8402; Daniel Forbes, William Durfee, Arthur Erdman; 4 cr.

8281 Advanced Control System Design

(A-F or Audit; Prereq: 5281)
66775 001 LEC, 13:25-15:20 MW, Keller Hall 3-125, In Person Term Based; Perry Li; 4 cr.
68838 883 LEC, 13:25-15:20 MW, ONLINE, Completely Online; Perry Li; 4 cr.

8332 Advanced Fluid Dynamics in

Mechanical Engineering
(A-F or Audit; Prerequisite an intermediate fluid mechanics course or permission of instructor.)
60833 001 LEC, 10:30-11:45 MF, Amundson Hall 240, In Person Term Based; Sungyoo Lee; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
58945 001 IND, In Person Term Based; 1 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)
59134 001 LEC, 9:05-10:20 MW, Cooke Hall 215, In Person Term Based; Ephraim Sparrow; 3 cr.

8350 Heat Transfer Physics

(A-F only; Prereq: CSE grad student)
66776 001 LEC, 14:30-16:00 TTh, Nicholson Hall 345, In Person Term Based; Xiaojia Wang; 3 cr.

8362 Introduction to Plasma Technology

(A-F or Audit; Prereq: 8361)
66777 001 LEC, 12:20-14:15 MW, Armory Building 116, In Person Term Based; Peter Bruggeman; 3 cr.

8363 Introduction to Reactive Flow Systems

(A-F or Audit;)
68298 001 LEC, 8:15- 9:30 TTh, Mechanical Engineering
212, In Person Term Based; Peter Bruggeman ; 3 cr.

8381 Bioheat and Mass Transfer
(Student Option; Prereq: CSE grad student, upper-
division transport/fluids course; [physics, biology]
recommended)
68778 001 LEC, 9:45-11:00 TTh, Akerman Hall 317, In
Person Term Based; Meets With: 001 BMEN 8381; John
Bischof ; 3 cr.

8444 FTE: Doctoral
(No Grade Associated; Prereq: Doctoral student,
adviser and DGS consent)
58961 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)
58979 001 IND, In Person Term Based; 1-6 cr.

8773 Graduate Seminar
(S-N or Audit; Prereq: CSE grad student)
58765 001 LEC, 15:30-16:45 W, Mechanical Engineering
1130, In Person Term Based; Meets With: 001 ME 8774;
Timothy Kowalewski ; 1 cr.

8774 Graduate Seminar
(S-N or Audit; Prereq: 8773)
58766 001 LEC, 15:30-16:45 W, Mechanical Engineering
1130, In Person Term Based; Meets With: 001 ME 8773;
Timothy Kowalewski ; 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])
58996 001 IND, In Person Term Based; 1-18 cr.

8794 Mechanical Engineering Research
(S-N only; Prereq: instr consent)
58767 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)
59016 001 IND, In Person Term Based; 1-24 cr.

Medical Device Innovation (MDI)

**5006 Finance, Valuation, and
Entrepreneurship**
(A-F only;)
60734 001 LEC, 17:30-21:30 M, Akerman Hall 225,
17:30-21:30 M, Akerman Hall 225, 17:30-21:30 W,
Akerman Hall 225, 17:30-21:30 M, Akerman Hall 225,
17:30-21:30 W, Akerman Hall 225, 17:30-21:30 M,
Akerman Hall 225, 17:30-21:30 M, Akerman Hall 225,
17:30-21:30 W, Akerman Hall 225, 17:30-21:30 M,
Akerman Hall 225, 17:30-21:30 W, Akerman Hall 225,
17:30-21:30 M, Akerman Hall 225, 17:30-21:30 W,
Akerman Hall 225, In Person Term Based; John Feriancek,
John Dinusson ; 3 cr.

5012 Medical Industry Macro Environment
(A-F only; Prereq: MDI grad student. Non-MDI graduate
students and non-degree graduate students may
register for this course with permission of the MDI
program.)
67252 001 LEC, 17:30-21:30 M, Lind Hall 325, 17:30-21:30
M, Lind Hall 325, 17:30-21:30 W, Lind Hall 325,
17:30-21:30 M, Lind Hall 325, 17:30-21:30 W, Lind Hall
325, 17:30-21:30 M, Lind Hall 325, 17:30-21:30 W, Lind
Hall 325, 17:30-21:30 M, Lind Hall 325, 17:30-21:30 M,
Lind Hall 325, 17:30-21:30 W, Lind Hall 325, 17:30-21:30
M, Lind Hall 325, 17:30-21:30 W, Lind Hall 325, In Person
Term Based; Daniel Mooradian ; 3 cr.

5014 Medical Device Center Practicum II
(A-F only; Prereq: Grad MDI student)
60735 001 LEC, In Person Term Based; 2 cr.

5020 Medical Device Innovation Capstone
(A-F only;)
61124 001 LEC, 17:30-21:30 W, Lind Hall 320, 17:30-21:30
W, Lind Hall 320, 17:30-21:30 W, Lind Hall 320,

17:30-21:30 W, Lind Hall 320, In Person Term Based;
Daniel Mooradian ; 1-2 cr.

Medical Industry Leadshp Inst (MILI)

3589 Medical Technology and Society
(A-F only; TS)
68028 001 LEC, 14:30-15:45 TTh, Carlson School of Mgmt
1-132, In Person Term Based; Pinar Karaca Mandic ; 3 cr.

5995 Medical Industry Valuation Laboratory
(A-F only; Prereq: instr consent)
57280 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;)
57281 001 IND, 00:00-00:00 , , In Person Term Based; 1-8
cr.

**6235 Pharmaceutical Industry: Business
and Policy**
(A-F only;)
57200 050 LEC, 8:00-17:00 Sa, Carlson School of Mgmt
2-219, 8:00-17:00 Sa, Carlson School of Mgmt 2-219,
8:00-17:00 Sa, Carlson School of Mgmt 2-219, In Person
Term Based; Bryana Mayer ; 2 cr.

**6589 Medical Technology Evaluation and
Market Research**
(A-F only; Prereq: MBA student)
57532 070 LEC, Completely Online; Pinar Karaca Mandic ; 2
cr.

6990 The Health Care Marketplace
(A-F only; Prereq: MBA student)
57211 060 LEC, 17:45-21:05 M, Carlson School of Mgmt
L-110, In Person Term Based; Meets With: 001 MILI 5585;
Pinar Karaca Mandic ; 2 cr.

**6991 Anatomy and Physiology for
Managers**
(A-F only;)
57217 060 LEC, 17:45-21:05 W, Carlson School of Mgmt
1-132, In Person Term Based; Archelle Georgiou ; 2 cr.

6995 Medical Industry Valuation Laboratory
(A-F only; Prereq: Grad student)
57237 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)
57295 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;)
57493 060 FWK, In Person Term Based; Michael Finch ; 4 cr.

6998 MILI Fellows
(A-F only;)
57438 001 LEC, 00:00-00:00 , , In Person Term Based;
Michael Finch ; 0-2 cr.

6999 Independent Study
(A-F only;)
57208 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;)
49222 001 LEC, 00:00-00:00 , ONLINE, Completely Online;
Hannah Gartzke, Nicole Zahnlé ; 1 cr.

**5011W Professional Issues in the Health
Care Community**
(A-F only; WI)

49223 001 LEC, 00:00-00:00 , ONLINE, Completely Online;
Nicole Zahnlé ; 2 cr.

**5113 Advanced Concepts in Diagnostic
Microbiology**
(A-F only; Prereq: 5111 or instr consent)
49224 001 LEC, 9:05-11:00 M, Moos Health Sci Tower
5-125, Partially Online; Meets With: 001 MLSP 6113; Lorna
Ruskin ; 3 cr.

5213 Diagnostic Hematology
(A-F only; Prereq: [5211, 5212] or instr consent)
49282 001 LEC, 11:15-13:10 M, Nils Hasselmo Hall 2-101, In
Person Term Based; Meets With: 001 MLSP 6213; 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)
49283 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)
49225 001 LEC, 12:20-13:10 MW, Moos Health Sci Tower
2-520, Partially Online; Charlotte Romain ; 4 cr.
49268 003 LAB, 13:30-16:30 MW, , 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)
49285 001 LEC, 11:15-12:05 T, Moos Health Sci Tower
1-451, In Person Term Based; Donna Spannaus-Martin ; 2
cr.
49286 002 LAB, 8:30-11:00 T, , In Person Term Based;
Donna Spannaus-Martin ; 2 cr.
49287 003 LAB, 13:00-15:30 T, , 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)
49227 001 LEC, 14:00-15:55 M, Mayo Bldg & Additions
A110, Partially Online; Meets With: 001 MLSP 6513;
Andrew Yue, Michelle Henry-Stanley ; 3 cr.

**5514 Application of Transfusion Medicine
Principles**
(A-F only;)
49228 001 LAB, 8:00-12:00 Th, Molecular Cellular Biol
3-150, In Person Term Based; Andrew Yue, Michelle
Henry-Stanley ; 2 cr.
49267 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)
49269 001 LEC, In Person Term Based; Tami Alpaugh ; 1 cr.

6113 Advanced Diagnostic Microbiology
(A-F only;)
67783 001 DIS, 9:05-11:00 M, Moos Health Sci Tower 5-125,
In Person Term Based; Meets With: 001 MLSP 5113; Lorna
Ruskin ; 3 cr.

6213 Advanced Diagnostic Hematology
(A-F only;)
67784 001 DIS, 11:15-13:10 M, Nils Hasselmo Hall 2-101, In
Person Term Based; Meets With: 001 MLSP 5213; Stephen
Wiesner ; 3 cr.

**6513 Advanced Principles in Transfusion
Medicine**
(A-F only;)
67785 001 DIS, 14:00-15:55 M, Mayo Bldg & Additions A110,
In Person Term Based; Meets With: 001 MLSP 5513;
Andrew Yue, Michelle Henry-Stanley ; 3 cr.

Medical Physics (MPHY)

5040 Introduction to Medical Physics
(A-F only;)

64676 001 LEC, 13:00-14:15 MW, Phillips-Wangensteen
1-200A, In Person Term Based; Eric Ehler ; 3 cr.

5173 Medical and Health Physics of Radiation Therapy

(Student Option; Prereq: 5170 or instr consent)
62067 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)
62508 001 LEC, 15:00-16:15 MW, Mayo Bldg & Additions
B217, In Person Term Based; Ngonah 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)
62068 001 LAB, 16:30-19:30 M, Fairview Univ Med Ctr
J1-218, In Person Term Based; Yoichi Watanabe ; 3 cr.

8147 Advanced Physics of Magnetic Resonance Imaging (MRI)

(Student Option; Prereq: 5174 or instr consent)
66923 001 LEC, 13:00-14:15 TTh, Ctr for Mag Res Rsrch
1-204, In Person Term Based; Greg Metzger ; 3 cr.

8293 Directed Study in Medical Physics (S-N only; Prereq: instr consent)

61477 002 IND, In Person Term Based; Parham Alaei ; 1-12
cr.

8294 Directed Research in Medical Physics (S-N only; Prereq: instr consent)

61478 002 IND, In Person Term Based; Parham Alaei ; 1-12
cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)
61571 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student,
adviser and DGS consent)
61579 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)
61588 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])
61597 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)
61613 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)
63026 001 LEC, 12:20-14:15 TTh, AHC ROOM TBA, In
Person Term Based; Barry Finzel ; 3 cr.

8100 Medicinal Chemistry Seminar

(A-F only; Prereq: Grad major or instr consent)
62943 001 LEC, 15:30-17:00 T, Moos Health Sci Tower
1-451, In Person Term Based; Meets With: 001 PHAR
6150; Daniel Harki ; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student,
adviser and DGS consent)
62969 001 IND, In Person Term Based; 1 cr.

8401 Chemistry of Counterterrorism: Chemical, Biological, Radiological, Nuclear & High Explosive Threats

(A-F only; Prerequisites, may enroll with the course
director's permission. Note that the emphasis of this
course is on the chemistry, biology, and physics of
CBRNE agents and their countermeasures, not policy,
policymaking, or sociocultural issues (although these
may come up for discussion).)

67048 001 LEC, 10:30-11:20 MW, AHC ROOM TBA, In
Person Term Based; Elizabeth Ambrose ; 2 cr.

8435 BioAssay & Data Analysis

(A-F or Audit; Prereq: MEDC 8001 or instructor
permission.)

63050 001 LEC, 10:10-11:00 Th, AHC ROOM TBA, In
Person Term Based; Carrie Haskell-Luevano ; 1 cr.

8444 FTE: Doctoral

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

62970 001 IND, In Person Term Based; 1 cr.

8461 Design of Cancer Therapeutics

(A-F only;)

63078 001 LEC, 15:00-16:20 Th, AHC ROOM TBA,
9:00-10:20 T, AHC ROOM TBA, 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)
62972 001 IND, In Person Term Based; 1-6 cr.

8753 MOLECULAR TARGETS OF DRUG DISCOVERY

(A-F only; Prereq: 5710 or 8002 or CHEM 5412 or
structural biochemistry or instr consent)

67227 001 LEC, 9:00-10:30 MW, Moos Health Sci Tower
1-435, In Person Term Based; Barry Finzel ; 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])
62974 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)
62977 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)

62944 001 LAB, 00:00-00:00 , In Person Term Based;
Carston Wagner ; 1-4 cr.

Medicine (MED)

7500 Medicine Externship I

(H-N only;)

61493 085 ROT, In Person Term Based; 6-8 cr.
61953 086 ROT, In Person Term Based; 6-8 cr.

7511 Gastroenterology Research

(H-N only;)

61500 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;)

61494 099 IND, 00:00-00:00 , In Person Term Based; 4-8
cr.

7518 Diabetes & Endocrinology Research

(H-N only;)

61495 099 IND, 00:00-00:00 , In Person Term Based; 8 cr.

7521 Infectious Disease

(H-N only;)

61496 001 ROT, 00:00-00:00 , In Person Term Based; 4 cr.
62280 002 ROT, In Person Term Based; 4 cr.
62281 003 ROT, In Person Term Based; 4 cr.
62282 004 ROT, In Person Term Based; 4 cr.

7522 Gastroenterology

(H-N only;)

62128 001 ROT, In Person Term Based; 4 cr.
62283 002 ROT, In Person Term Based; 4 cr.
62284 003 ROT, In Person Term Based; 4 cr.
62285 004 ROT, In Person Term Based; 4 cr.

7523 Diabetes, Endocrinology, & Metabolism

(H-N only;)

61497 001 ROT, 00:00-00:00 , In Person Term Based; 4 cr.
62286 002 ROT, In Person Term Based; 4 cr.
62287 003 ROT, In Person Term Based; 4 cr.
62288 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)

61498 001 ROT, 00:00-00:00 , In Person Term Based; 4 cr.
62289 002 ROT, In Person Term Based; 4 cr.
62290 003 ROT, In Person Term Based; 4 cr.
62291 004 ROT, In Person Term Based; 4 cr.

7526 Oncology

(H-N or Audit;)

61499 001 ROT, 00:00-00:00 , In Person Term Based; 4 cr.
62292 002 ROT, In Person Term Based; 4 cr.
62293 003 ROT, In Person Term Based; 4 cr.
62294 004 ROT, In Person Term Based; 4 cr.

7528 Hematology

(H-N only;)

61501 001 ROT, 00:00-00:00 , In Person Term Based; 4 cr.
62295 002 ROT, In Person Term Based; 4 cr.
62296 003 ROT, In Person Term Based; 4 cr.
62297 004 ROT, In Person Term Based; 4 cr.

7531 Rheumatology

(H-N only;)

61502 001 ROT, 00:00-00:00 , In Person Term Based; 4 cr.
62298 002 ROT, In Person Term Based; 4 cr.
62299 003 ROT, In Person Term Based; 4 cr.
62300 004 ROT, In Person Term Based; 4 cr.

7532 Pulmonary Disease

(H-N only;)

61503 001 ROT, 00:00-00:00 , In Person Term Based; 4 cr.
62301 002 ROT, In Person Term Based; 4 cr.
62302 003 ROT, In Person Term Based; 4 cr.
62303 004 ROT, In Person Term Based; 4 cr.

7533 Clinical Allergy

(H-N or Audit;)

61504 001 FWK, 00:00-00:00 , In Person Term Based; 3-6
cr.

7534 Research in Allergy

(H-N or Audit;)

61505 001 IND, 00:00-00:00 , In Person Term Based; 6 cr.

7548 Clinical Genetics

(H-N or Audit;)

61506 001 FWK, 00:00-00:00 , In Person Term Based; 6 cr.

7556 Renal Consultation

(H-N only;)

61507 001 ROT, 00:00-00:00 , In Person Term Based; 4 cr.
62304 002 ROT, In Person Term Based; 4 cr.
62305 003 ROT, In Person Term Based; 4 cr.
62306 004 ROT, In Person Term Based; 4 cr.

7561 Outpatient & Clinical Nephrology

(H-N only;)

61508 001 ROT, 00:00-00:00 , In Person Term Based; 4 cr.
62307 002 ROT, In Person Term Based; 4 cr.
62308 003 ROT, In Person Term Based; 4 cr.
62309 004 ROT, In Person Term Based; 4 cr.

7562 Nephrology

(H-N only;)

61509 001 ROT, 00:00-00:00 , In Person Term Based; 4 cr.
62310 002 ROT, In Person Term Based; 4 cr.
62311 003 ROT, In Person Term Based; 4 cr.
62312 004 ROT, In Person Term Based; 4 cr.

7573 Acute Care Internal Medicine

(H-N or Audit; Prereq: 7500, Med 7501)

61514 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)

61511 001 FWK, 00:00-00:00 , In Person Term Based; 4 cr.

**7582 Medical Intensive Care Unit--Regions
Medical Center**

(H-N or Audit;)
61510 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)
61512 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)
61515 001 FWK, 00:00-00:00 , , In Person Term Based; 3 cr.

7596 Occupational Health

(H-N or Audit;)
61513 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)
61563 001 LEC, 00:00-00:00 , , In Person Term Based; 3-6 cr.

**7602 Advanced Physical Diagnosis and
Medical Decision Making**

(H-N only;)
61657 002 ROT, 8:00-12:05 M, Moos Health Sci Tower 2-680, 13:25-16:30 M, Moos Health Sci Tower 1-430, 8:00-12:05 T, Moos Health Sci Tower 1-430, 13:25-16:30 F, Mayo Bldg & Additions D325, 8:00-12:05 WTh, Moos Health Sci Tower 2-680, 8:00-12:05 F, Mayo Bldg & Additions D325, 13:25-16:30 TWTh, Moos Health Sci Tower 2-680, In Person Term Based; Andrew Olson ; 4 cr.

7603 Palliative Medicine

(H-N only;)
62129 001 ROT, In Person Term Based; 4 cr.
62313 002 ROT, In Person Term Based; 4 cr.
62314 003 ROT, In Person Term Based; 4 cr.
62315 004 ROT, In Person Term Based; 4 cr.

7604 Hospitalist and Palliative Medicine

(H-N only;)
61725 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62316 002 ROT, In Person Term Based; 4 cr.
62317 003 ROT, In Person Term Based; 4 cr.
62318 004 ROT, In Person Term Based; 4 cr.

7666 Medicine Pediatrics Ambulatory

Elective
(H-N or Audit;)
61852 001 FWK, In Person Term Based; 3-4 cr.

**7701 Primary Care Selective - Medicine/
Pediatrics**

(P-N only;)
61958 001 ROT, In Person Term Based; Meets With: 001 MED 7700002 FMCH 7700001 PED 7700; 4 cr.
61959 002 ROT, In Person Term Based; Meets With: 002 MED 7700; 4 cr.
61960 003 ROT, In Person Term Based; Meets With: 003 MED 7700; 4 cr.
61961 004 ROT, In Person Term Based; Meets With: 004 MED 7700; 4 cr.

7703 Patient Safety

(H-N only;)
62133 022 ROT, In Person Term Based; 2 cr.
62134 011 ROT, In Person Term Based; 2 cr.
62135 012 ROT, In Person Term Based; 2 cr.
62136 021 ROT, In Person Term Based; 2 cr.
62474 031 ROT, In Person Term Based; 2 cr.
62475 032 ROT, In Person Term Based; Julie Pierce ; 2 cr.

**7800 Internal Medicine: Primary Care and
Beyond**

(P-N only;)
68250 001 ROT, In Person Term Based; 4 cr.
68251 002 ROT, In Person Term Based; 4 cr.
68252 003 ROT, In Person Term Based; 4 cr.
68253 004 ROT, In Person Term Based; 4 cr.

Medieval Studies (MEST)**3009 Medieval Art**

(Student Option; AH)

54916 001 LEC, 13:00-14:15 MW, Blegen Hall 120, In Person Term Based; Meets With: 001 ARTH 3009; Jennifer Awes-Freeman ; 3 cr.

3101 Survey of Medieval English Literature

(A-F or Audit;)
67013 001 LEC, 9:45-11:00 TTh, Lind Hall 302, In Person Term Based; Meets With: 001 ENGL 3101; Rebecca Krug ; 3 cr.

**4043 Romans, Anglo-Saxons and Vikings:
Archaeology of Northern Europe**

(Student Option;)
55334 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.

5610 Advanced Topics in Medieval Studies

(Student Option; Prereq: One yr work in some area of Middle Ages, reading knowledge of appropriate language.)
67069 002 LEC, 14:30-17:30 W, Elmer L Andersen Library 29, In Person Term Based; Marguerite Ragnow, Emily Beck ; 3-4 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)
52067 001 IND, In Person Term Based; 1-3 cr.

8110 Seminar in Medieval Studies

(A-F or Audit; Prereq: Appropriate languages)
68118 001 LEC, 16:00-18:30 M, Lind Hall 202, In Person Term Based; Meets With: 001 ENGL 8110; Andrew Scheil ; 3-4 cr.

Microbial Engineering (MICE)**5035 Personal Microbiome Analysis**

(Student Option;)
68143 001 LEC, 9:45-11:00 MW, Amundson Hall 158, 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)
50195 001 LAB, 8:00-17:00 MTWThF, , In Person Term Based; Thomas Douville ; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
50086 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])
50102 001 IND, In Person Term Based; 1-18 cr.

8920 Teaching Practicum

(Student Option; Prereq: Grad MicE major)
50042 001 FWK, 00:00-00:00 , , In Person Term Based; 1 cr.

8990 Biotechnology Seminar

(Student Option; Prereq: Prereq-First-yr MICE students 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.)
50046 001 LEC, 15:30-17:00 Th, Gortner Laboratory 239, In Person Term Based; 1-3 cr.

**Microbiol/Immun/Cancer Biology
(MICA)****5000 Practicum: Teaching**

(No Grade Associated;)
61479 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)

61485 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)
66934 001 DIS, 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)
61559 001 DIS, 15:35-17:30 F, Moos Health Sci Tower 2-120, In Person Term Based; Khaill Ahmed ; 2 cr.

8011 Current Topics in Immunology

(A-F or Audit; Prereq: MICA 8003 or instr consent)
66935 001 LEC, 13:30-14:45 TTh, Room TBA, In Person Term Based; Stephen Jameson ; 3 cr.

8013 Translational Cancer Research

(A-F or Audit; Prereq: 8004 or instr consent)
66936 001 LEC, 8:00-8:50 T, Moos Health Sci Tower 2-118, In Person Term Based; David Potter ; 2 cr.

8014 Small RNA Biology

(A-F or Audit; Prereq: BIOC 8002 or MICA 8004 or equiv or instr consent)
66937 001 LEC, In Person Term Based; 2 cr.

**8094 Research in Microbiology,
Immunology, and Cancer Biology**

(S-N or Audit; Prereq: 1st yr MICA grad student)
61484 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)
61573 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
61581 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)
61590 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])
61599 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: MICA PhD student, adviser consent)
61615 001 IND, In Person Term Based; 1-24 cr.

8910 Seminar: Faculty Research Topics

(No Grade Associated; Prereq: MICA grad student)
66938 001 LEC, 12:00-13:00 M, Moos Health Sci Tower 2-530, In Person Term Based; Wade Bresnahan ; 0 cr.

8920 Seminar: Student Research Topics

(No Grade Associated; Prereq: MICA grad student or instr consent)
66939 001 LEC, 12:00-13:00 Th, Mayo Bldg & Additions 3-125, In Person Term Based; Wade Bresnahan ; 0 cr.

Microbiology (MICB)**3301 Biology of Microorganisms**

(A-F or Audit; Prereq: BIOL 3020 or BIOC 3021 or GCD 3022 or instructor consent (biochemistry/molecular biology background coursework))
61475 001 LEC, 13:00-14:15 TTh, Molecular Cellular Biol 3-120, In Person Term Based; Meets With: 001 MICB 3303; Christian Mohr ; 5 cr.
61476 002 LAB, 9:05-11:00 TTh, Moos Health Sci Tower 2-252, In Person Term Based; Christian Mohr ; 5 cr.

61826 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)

50296 001 LEC, 13:00-14:15 TTh, Molecular Cellular Biol 3-120, 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)

50043 001 LEC, 9:45-11:00 MW, Nils Hasselmo Hall 2-101, In Person Term Based; Anna Tischler ; 3 cr.

4171 Biology, Genetics, and Pathogenesis of Viruses

(A-F only; Prereq: [MicB 3301 or Biol 4004] AND [Biol 3020 OR Biol 4003] AND [MicB 4131 or instr consent]; seats are prioritized for CBS majors (others who meet the course prerequisites can contact the instructor for permission))

50165 001 LEC, 8:15- 9:30 TTh, Bruininks Hall 432, 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)

50038 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 requirementsW)

50113 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 requirementsW)

50114 001 IND, In Person Term Based; Leslie Schiff ; 1-7 cr.

4993 Directed Studies

(S-N only; Prereq: 3301, dept consent)

50040 001 IND, In Person Term Based; 1-6 cr.

4994 Directed Research

(S-N or Audit; Prereq: 3301, instr consent)

50041 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)

63898 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; Timothy Morton, Andrew Addis, Matthew Cordell ; 0 cr.

204 MS II Zero Credit Lead Lab

(A-F only; Prereq: concurrent registration is required (or allowed) in 1202)

63887 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; Timothy Morton, Andrew Addis, Matthew Cordell ; 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)

63888 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; Timothy Morton, Andrew Addis, Matthew Cordell ; 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)

63894 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 ;)

63893 001 LEC, 9:05- 9:55 W, Armory Building 116A, In Person Term Based; Andrew Addis ; 1 cr.

63896 002 LEC, 13:25-14:15 W, Armory Building 116A, In Person Term Based; Andrew Addis ; 1 cr.

1104 MS I One Credit Lead Lab

(A-F only; Prereq: concurrent registration is required (or allowed) in 1102)

63909 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; Timothy Morton, Andrew Addis, Matthew Cordell ; 1 cr.

1202 Army Doctrine and Team Development

(A-F only; Prereq: Must enroll in lab.)

63892 001 LEC, 8:00- 8:50 MW, Armory Building 202, In Person Term Based; John Wilson ; 2 cr.

63897 002 LEC, 13:25-14:15 MW, Armory Building 202, In Person Term Based; John Wilson ; 2 cr.

1204 MS II One Credit Lead Lab

(A-F only; Prereq: concurrent registration is required (or allowed) in 1202)

63867 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; Timothy Morton, Andrew Addis, Matthew Cordell ; 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.)

63891 001 LEC, 8:00- 8:50 MWF, Armory Building 116, In Person Term Based; Timothy Morton ; 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)

63904 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; Timothy Morton, Andrew Addis, Matthew Cordell ; 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)

63890 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)

63899 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 ;)

63919 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)

50085 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)

50089 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)

50098 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])

50101 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)

50104 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)

50105 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)

50106 001 FWK, 00:00-00:00 , , In Person Term Based; 1 cr.

8993 Directed Studies

(Student Option; Prereq: MCDG grad student or instr consent)

50107 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)

50108 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, MORT 3016W)

61917 001 LEC, 13:30-16:00 W, Jackson Hall 2-125, In Person Term Based; Angela Woosley ; 3 cr.

3019 Funeral Service Practice II

(A-F only; Prereq: 3018, mortuary science major)

61738 001 LEC, 9:00-11:30 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 programW)

61694 001 LEC, 12:30-15:00 T, Jackson Hall 2-125, In Person Term Based; Angela Woosley, Marc Markell ; 4 cr.

61898 002 LAB, 9:30-12:00 M, Jackson Hall 2-125, In Person Term Based; Angela Woosley, Marc Markell ; 4 cr.

61901 003 LAB, 13:30-16:00 M, Jackson Hall 2-125, In Person Term Based; Angela Woosley ; 4 cr.

3031 Funeral Service Law

(A-F only; Prereq: 3025)

61695 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 ;)

61933 001 LEC, 9:00-10:40 TW, Jackson Hall 2-125, In Person Term Based; Michael Mathews ; 4 cr.

3051 Restorative Art

(A-F only; Prereq: MORT 3171, concurrent registration is required (or allowed) in 3151,3061,3161, mortuary science major)

61632 001 LEC, 9:00-10:40 W, Jackson Hall 2-121, In Person Term Based; Giselle Wynia ; 2 cr.

3061 Embalming Theory

(A-F only; Prereq: MORT 3171, concurrent registration is required (or allowed) in 3051, 3151 and 3161, mortuary science major)

61679 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 ;)

61737 001 LEC, 9:00-10:40 Th, 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)

61633 001 LAB, 9:00-12:00 Th, Jackson Hall 5-125A, In Person Term Based; Giselle Wynia ; 1 cr.
61696 002 LAB, 13:00-16:00 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)

61600 001 LAB, 9:00-12:00 T, Jackson Hall 5-125A, In Person Term Based; Giselle Wynia ; 1 cr.
61601 002 LAB, 13:00-16:00 T, Jackson Hall 5-125A, In Person Term Based; Giselle Wynia ; 1 cr.
68293 003 LAB, 13:00-16:00 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)

61680 001 ROT, 11:00-13:00 , , In Person Term Based; Meets With: 002 MORT 3379; Angela Woosley ; 1-6 cr.

Moving Image Studies (MIMS)

5910 Topics in Moving Image Studies

(A-F only;)

68839 001 LEC, 13:00-16:00 M, Nicholson Hall 335, In Person Term Based; Meets With: 001 ALL 5358; Jason McGrath, Alice Lovejoy ; 2-4 cr.

8003 Historiography of the Moving Image

(A-F only;)

54875 001 LEC, 17:50-20:30 Th, Nicholson Hall 125, 13:30-16:30 F, Nicholson Hall 125, In Person Term Based; Emily Capper ; 3 cr.

Multi-Inst Cross Registration (MULT)

Multidisciplinary Studies (MDS)

3001W Introduction to Multidisciplinary Studies

(A-F only; Prereq: Admitted to multidisciplinary studies(WI))

63576 301 LEC, Completely Online; Lisa Garrett ; 3 cr.

3101 Project Development

(A-F only; Prereq: 3001W, MdS major, adviser referral, permission number, basic computer/internet skills)

63687 301 LEC, 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)

63716 301 LEC, 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)

63717 301 LEC, 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)

63718 301 LEC, Completely Online; Lisa Garrett ; 3 cr.

Museum Studies (MST)

5012 Museum Practices

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

49340 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)

49339 001 FWK, Independent/Directed Study; 1-6 cr.
49557 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)

49451 001 IND, Independent/Directed Study; Lin Nelson-Mayson ; 1-4 cr.
49841 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)

52248 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)

52249 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)

54807 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Alex Lubet ; 3 cr.
55217 001 LEC, 12:20-13:10 MW, TCF Bank Stadium G065A, In Person Term Based; Scott Currie ; 3 cr.
55218 002 DIS, 8:00- 8:50 F, Ferguson Hall 105, In Person Term Based; William Neace ; 3 cr.
55219 003 DIS, 9:05- 9:55 F , , In Person Term Based; Quentin Dishman ; 3 cr.
55220 004 DIS, 9:05- 9:55 F, Ferguson Hall 149, In Person Term Based; jeffrey hanson ; 3 cr.
55221 005 DIS, 11:15-12:05 F , , In Person Term Based; William Neace ; 3 cr.
55222 006 DIS, 11:15-12:05 F, Ferguson Hall 105, In Person Term Based; Christopher Rochester ; 3 cr.
55223 007 DIS, 11:15-12:05 F, Ferguson Hall 107, In Person Term Based; jeffrey hanson ; 3 cr.
55224 008 DIS, 12:20-13:10 F, Ferguson Hall 123, In Person Term Based; Christopher Rochester ; 3 cr.
55225 009 DIS, 12:20-13:10 F, Ferguson Hall 105, In Person Term Based; Quentin Dishman ; 3 cr.
55226 010 DIS, 13:25-14:15 F , , In Person Term Based; Cassandra Velcko ; 3 cr.
55227 011 DIS, 13:25-14:15 F , , In Person Term Based; Roque Diaz ; 3 cr.
55228 012 DIS, 14:30-15:20 F , , In Person Term Based; Cassandra Velcko ; 3 cr.
55229 013 DIS, 14:30-15:20 F , , In Person Term Based; Roque Diaz ; 3 cr.
56126 302 LEC, Completely Online; Gian Afrisando Pujakusuma ; 3 cr.
56127 303 LEC, Completely Online; Jordan Goebel ; 3 cr.
56128 304 LEC, Completely Online; Shuhui Yao ; 3 cr.
67888 305 LEC, Completely Online; Jared Coffin ; 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)

55302 301 LEC, Completely Online; Casey Palbicki ; 4 cr.

1021 Introduction to Music

(Student Option; AH)

52952 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;)

52072 001 LEC, 9:05- 9:55 MW, Ferguson Hall 265, In Person Term Based; Juhhee Park ; 2 cr.
52073 002 LEC, 12:20-13:10 MW, Ferguson Hall 265, In Person Term Based; Koki Sato ; 2 cr.
52074 003 LEC, 13:25-14:15 MW, Ferguson Hall 265, In Person Term Based; Koki Sato ; 2 cr.
52075 004 LEC, 14:30-15:20 MW, Ferguson Hall 265, In Person Term Based; Dora Tsang ; 2 cr.
52076 005 LEC, 15:35-16:25 MW, Ferguson Hall 265, In Person Term Based; Dora Tsang ; 2 cr.
52077 006 LEC, 9:05- 9:55 TTh, Ferguson Hall 265, In Person Term Based; Garret Ross ; 2 cr.
52953 007 LEC, 13:25-14:15 TTh, Ferguson Hall 265, In Person Term Based; Minhee Park ; 2 cr.
52954 008 LEC, 14:30-15:20 TTh, Ferguson Hall 265, In Person Term Based; Minhee Park ; 2 cr.

1052 Class Piano for Non Music Majors II

(Student Option No Audit;)

52080 001 LEC, 12:20-13:10 TTh, Ferguson Hall 265, In Person Term Based; Dong-Suk Min ; 2 cr.

1152 Piano: Class Lessons II

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

52086 001 LEC, 10:10-11:00 MW, Ferguson Hall 265, In Person Term Based; Priscilla Chang ; 2 cr.
52087 002 LEC, 11:15-12:05 MW, Ferguson Hall 265, In Person Term Based; Priscilla Chang ; 2 cr.
52088 003 LEC, 10:10-11:00 TTh, Ferguson Hall 265, In Person Term Based; Garret Ross ; 2 cr.
52089 004 LEC, 11:15-12:05 TTh, Ferguson Hall 265, In Person Term Based; Dong-Suk Min ; 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.)

52090 001 LEC, 10:10-11:00 MW, Ferguson Hall 90, In Person Term Based; 2 cr.
52091 002 LEC, 18:15-20:00 T, Ferguson Hall 107, In Person Term Based; 2 cr.
52092 003 LEC, 18:15-20:00 Th, Ferguson Hall 225, In Person Term Based; 2 cr.

1471 Guitar: Class Lessons I

(A-F or Audit;)

52235 001 LEC, 13:25-14:15 MW, Ferguson Hall 105, In Person Term Based; 2 cr.
52780 002 LEC, 14:30-15:20 MW, Ferguson Hall 105, In Person Term Based; 2 cr.
53101 003 LEC, 15:35-16:25 MW, Ferguson Hall 107, In Person Term Based; 2 cr.
53104 004 LEC, 13:25-14:15 TTh, Ferguson Hall 107, In Person Term Based; 2 cr.
53105 005 LEC, 14:30-15:20 TTh, Ferguson Hall 107, In Person Term Based; 2 cr.
53285 006 LEC, 15:35-16:25 TTh, Ferguson Hall 149, In Person Term Based; 2 cr.
53334 007 LEC, 18:30-20:30 M, Ferguson Hall 107, In Person Term Based; 2 cr.
53335 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)

53394 001 LEC, 16:40-17:30 MW, Ferguson Hall 105, In Person Term Based; 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)

52123 001 LEC, 8:00- 8:50 WF, Ferguson Hall 225, In Person Term Based; Lukas Perry ; 2 cr.
53052 002 DIS, 9:05- 9:55 M, Ferguson Hall 115, In Person Term Based; 2 cr.
53053 003 DIS, 9:05- 9:55 M, Ferguson Hall 123, In Person Term Based; 2 cr.
53054 004 DIS, 9:05- 9:55 M, Ferguson Hall 149, In Person Term Based; 2 cr.
53055 005 DIS, 9:35-10:25 T, Ferguson Hall 203, In Person Term Based; 2 cr.
53286 006 DIS, 9:35-10:25 T, Ferguson Hall 123, In Person Term Based; 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])

53658 001 LEC, 8:00- 8:50 M, Ferguson Hall 225, In Person Term Based; Lukas Perry ; 1 cr.
53659 002 DIS, 9:05- 9:55 W, Ferguson Hall 115, In Person Term Based; 1 cr.
53660 003 DIS, 9:05- 9:55 W, Ferguson Hall 123, In Person Term Based; 1 cr.
53661 004 DIS, 9:05- 9:55 W, Ferguson Hall 149, In Person Term Based; 1 cr.
53662 005 DIS, 9:35-10:25 Th, Ferguson Hall 203, In Person Term Based; 1 cr.
53813 006 DIS, 9:35-10:25 Th, Ferguson Hall 123, In Person Term Based; 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)

52293 001 LEC, 11:15-12:30 MW, Ferguson Hall 225, In Person Term Based; Matthew Rahaim ; 3 cr.

3021 Introduction to Music

(Student Option; AH)

52250 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;)**

54239 001 LAB, 12:15-13:15 TTh, Ferguson Hall 90, In Person Term Based; Amanda Weber, Kira Winter ; 2 cr.
54240 002 LAB, 18:00-20:00 M, Ferguson Hall 90, In Person Term Based; Christopher McGinley ; 2 cr.
54241 003 LAB, 18:00-20:00 W, Ferguson Hall 90, In Person Term Based; Ahmed Anzaldua El Samkary ; 2 cr.
54498 004 LAB, 15:35-17:05 MW, Ferguson Hall 225, In Person Term Based; 2 cr.

3230 Chorus**(Student Option; Prereq: Choral and/or instrumental music background, audition, instr consent)**

52117 001 LAB, 15:35-17:05 MW, Ferguson Hall 90, In Person Term Based; Meets With: 001 MUS 5230; Kathy Romey ; 1-2 cr.

3242 Vocal Literature (French Melodie) and Pedagogy**(A-F or Audit; Prereq: [Vocal music or accompanying major], 2 yrs of music theory/history)**

67106 001 LEC, 11:15-12:05 MW, Ferguson Hall 149, In Person Term Based; Wendy Zaro-Mullins ; 1 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)**

55786 001 LAB, 11:15-12:05 MW, Ferguson Hall 115, 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)**

52213 001 LEC, 11:15-12:05 TTh, Ferguson Hall 115, In Person Term Based; Philip Zawisza ; 1 cr.

3331 Jazz Improvisation I**(A-F or Audit; Prereq: Music major or instr consent)**

67107 001 LAB, 9:05- 9:55 MW, Ferguson Hall 95, In Person Term Based; Dean Sorenson ; 2 cr.

3340 Jazz Ensemble**(A-F or Audit; Prereq: Audition, instr consent)**

52115 001 LAB, 15:35-17:00 TTh, Ferguson Hall 95, In Person Term Based; Meets With: 001 MUS 5340; Dean Sorenson ; 1 cr.
52116 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)**

52093 001 LAB, 10:10-11:00 MW, Ferguson Hall 3, In Person Term Based; Philip Hey ; 1 cr.
52094 002 LAB, 11:15-12:05 MW, Ferguson Hall 3, In Person Term Based; Philip Hey ; 1 cr.
52095 003 LAB, 12:20-13:10 MW, Ferguson Hall 3, In Person Term Based; Philip Hey ; 1 cr.

3380 Gospel Choir**(A-F only;)**

67775 001 LAB, 18:00-20:00 T, Ferguson Hall 90, In Person Term Based; Adrian Davis ; 2 cr.

3400 University and Campus Bands**(Student Option;)**

53642 001 LAB, 19:00-20:30 MTh, Ferguson Hall 95, In Person Term Based; Betsy McCann ; 2 cr.
53643 002 LAB, 19:00-21:00 M, TCF Bank Stadium G065A, In Person Term Based; Cassandra Bechard ; 2 cr.
53977 003 LAB, 19:00-21:00 W, TCF Bank Stadium G065A, In Person Term Based; John Smith ; 2 cr.
54493 004 LAB, 19:00-21:00 Th, TCF Bank Stadium G065A, In Person Term Based; Cory Near ; 2 cr.

3401 Basic Conducting**(A-F or Audit; Prereq: 1502, music major)**

52389 001 LEC, 11:15-12:05 M, Ferguson Hall 85, In Person Term Based; Betsy McCann, Lance Sample ; 2 cr.
52390 002 LAB, 11:15-12:05 TTh, Ferguson Hall 85, In Person Term Based; Betsy McCann, Lance Sample ; 2 cr.
52391 003 LAB, 11:15-12:05 WF, Ferguson Hall 85, In Person Term Based; Betsy McCann, Lance Sample ; 2 cr.

3410 University Wind Bands**(A-F or Audit; Prereq: Audition, instr consent)**

52316 001 LAB, 13:25-15:20 MWF, Ferguson Hall 95, In Person Term Based; Meets With: 001 MUS 5410; Emily Threinen ; 1 cr.

52317 002 LAB, 13:25-14:15 F, , 13:25-15:20 TTh, Ferguson Hall 95, In Person Term Based; Meets With: 002 MUS 5410; Jerry Luckhardt ; 1 cr.

3420 Orchestra**(A-F or Audit; Prereq: Audition, instr consent)**

52182 001 LAB, 13:25-15:20 MWF, Ferguson Hall 85, In Person Term Based; Meets With: 001 MUS 5420; Mark Russell Smith ; 1 cr.
55799 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)**

52380 001 LAB, 18:00-20:00 M, Ferguson Hall 85, In Person Term Based; 2 cr.
54084 002 LAB, 18:00-20:00 T, Ferguson Hall 85, In Person Term Based; 2 cr.
54396 003 LAB, 18:00-20:00 W, Ferguson Hall 85, In Person Term Based; 2 cr.

3440 Chamber Ensemble**(A-F or Audit; Prereq: instr consent)**

52177 001 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 001 MUS 5440; 1 cr.
52178 002 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 002 MUS 5440; 1 cr.
52179 003 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 003 MUS 5440; Thomas Ashworth ; 1 cr.
52180 004 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 004 MUS 5440; 1 cr.
52181 005 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 005 MUS 5440; 1 cr.
68875 006 LAB, In Person Term Based; Maja Radovanlija ; 1 cr.
68876 007 LAB, In Person Term Based; Charles Lazarus ; 1 cr.
68877 008 LAB, In Person Term Based; ; 1 cr.
68878 009 LAB, In Person Term Based; ; 1 cr.
68879 010 LAB, In Person Term Based; ; 1 cr.
68880 011 LAB, In Person Term Based; ; 1 cr.
68881 012 LAB, In Person Term Based; ; 1 cr.
68882 013 LAB, In Person Term Based; ; 1 cr.
68883 014 LAB, In Person Term Based; ; 1 cr.
68884 015 LAB, In Person Term Based; ; 1 cr.
68885 016 LAB, In Person Term Based; Caroline Lemen ; 1 cr.

3490 Athletics Bands**(A-F or Audit; Prereq: instr consent)**

53236 001 LAB, 00:00-00:00 , , In Person Term Based; Betsy McCann ; 1 cr.
53237 002 LAB, 00:00-00:00 , , In Person Term Based; Betsy McCann ; 1 cr.
53238 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)**

54640 001 LEC, 8:15- 9:30 TTh, Ferguson Hall 115, In Person Term Based; Kai Yin Lo ; 2 cr.

3518 Review of Ear-Training and Sight-Singing**(Student Option; Prereq: Theory Placement Exam)**

54641 001 LEC, 10:10-11:00 TTh, Ferguson Hall 115, In Person Term Based; Kai Yin Lo ; 1 cr.

3601W History of Western Music I**(A-F or Audit; Prereq: dept consentWI)**

52252 001 LEC, 8:00- 9:25 TTh, Ferguson Hall 225, In Person Term Based; Kelley Harness ; 3 cr.
52253 002 DIS, 9:05- 9:55 F, Ferguson Hall 105, In Person Term Based; Anne Briggs ; 3 cr.
52254 003 DIS, 9:05- 9:55 F, Ferguson Hall 115, In Person Term Based; Andrew Stoebig ; 3 cr.
52255 004 DIS, 10:10-11:00 F, Ferguson Hall 105, In Person Term Based; Anne Briggs ; 3 cr.
52256 005 DIS, 10:10-11:00 F, Ferguson Hall 115, In Person Term Based; Andrew Stoebig ; 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 consentWI)**

52945 001 LEC, 9:35-11:00 TTh, Ferguson Hall 225, In Person Term Based; David Grayson ; 3 cr.
52946 002 DIS, 8:00- 8:50 F, Ferguson Hall 123, In Person Term Based; Kathryn Huether ; 3 cr.
52947 004 DIS, 10:10-11:00 F, Ferguson Hall 107, In Person Term Based; Kathryn Huether ; 3 cr.

67108 003 DIS, 8:00- 8:50 F, Ferguson Hall 149, In Person Term Based; Corey Lohman ; 3 cr.
67109 005 DIS, 10:10-11:00 F, Ferguson Hall 123, In Person Term Based; Corey Lohman ; 3 cr.

3950 Topics in Music**(Student Option;)**

68497 001 LEC, 12:20-13:10 MWF, , In Person Term Based; Preston Duncan, Michael Duffy ; 1-3 cr.
68498 002 LEC, 18:00-20:00 M, Ferguson Hall 115, In Person Term Based; Maja Radovanlija ; 1-3 cr.

3993 Directed Studies**(A-F or Audit; Prereq: instr consent, dept consent, college consent)**

52185 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)**

52187 001 IND, In Person Term Based; 1 cr.

4504 Intensive Theory and Analysis of 20th-Century Music**(A-F or Audit; Prereq: [3501, 3511] or instr consent)**

54651 001 LEC, 9:05- 9:55 WF, Ferguson Hall 225, In Person Term Based; Bruce Quaglia ; 2 cr.
54652 002 LAB, 8:00- 8:50 M, Ferguson Hall 123, In Person Term Based; 2 cr.
54653 003 LAB, 8:00- 8:50 M, Ferguson Hall 149, In Person Term Based; 2 cr.
55134 004 LAB, 8:35- 9:25 T, Ferguson Hall 123, In Person Term Based; 2 cr.
55135 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-)**

54654 001 LEC, 9:05- 9:55 M, Ferguson Hall 225, In Person Term Based; Bruce Quaglia ; 1 cr.
54655 002 DIS, 8:00- 8:50 W, Ferguson Hall 123, In Person Term Based; 1 cr.
54656 003 DIS, 8:00- 8:50 W, Ferguson Hall 149, In Person Term Based; 1 cr.
54657 004 DIS, 8:35- 9:25 Th, Ferguson Hall 123, In Person Term Based; 1 cr.
54658 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;)**

54403 001 LAB, 11:15-12:55 Th, Ferguson Hall 81, In Person Term Based; Brian McCullough ; 2 cr.

5182 Advanced Piano Literature II**(A-F or Audit; Prereq: grad piano major or instr consent)**

67110 001 LEC, 13:30-15:00 T, Ferguson Hall 225, In Person Term Based; Michael Kim ; 2 cr.

5230 Chorus**(Student Option; Prereq: Choral and/or instrumental music background; audition, instr consent)**

52118 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)**

52320 001 LAB, 12:45-14:15 MWF, Ferguson Hall 90, In Person Term Based; Matthew Mehaffey ; 1 cr.
55075 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)**

52398 001 LAB, 15:35-18:30 TTh, Ferguson Hall 99, In Person Term Based; David Walsh ; 2 cr.
53389 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)**

67111 001 LEC, 10:10-12:05 F, Ferguson Hall 81, In Person Term Based; Philip Zawisza ; 2 cr.

5275 Vocal Pedagogy I**(Student Option; Prereq: Sr vocal major or instr consent)**

67980 001 DIS, 8:00- 8:50 MWF, Ferguson Hall 115, In Person Term Based; Jean Del Santo ; 3 cr.

5280 Opera Theatre

(A-F or Audit; Prereq: audition, instr consent)
53567 001 LAB, 13:30-17:30 Sa, Ferguson Hall 99, 14:30-17:30 MWF, Ferguson Hall 99, In Person Term Based; David Walsh ; 2 cr.

5340 Jazz Ensemble

(A-F or Audit; Prereq: audition, instr consent)
52101 001 LAB, 15:35-17:00 TTh, Ferguson Hall 95, In Person Term Based; Meets With: 001 MUS 3340; Dean Sorenson ; 1 cr.
52102 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)
52318 001 LAB, 13:25-15:20 MWF, Ferguson Hall 95, In Person Term Based; Meets With: 001 MUS 3410; Emily Threinen ; 1 cr.
52319 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)
52343 001 LAB, 13:25-15:20 MWF, Ferguson Hall 85, In Person Term Based; Meets With: 001 MUS 3420; Mark Russell Smith ; 1 cr.
55801 002 LAB, In Person Term Based; Mark Russell Smith ; 1 cr.

5427 Violin Pedagogy I

(A-F or Audit; Prereq: Violin or viola major or instr consent)
67889 001 DIS, 8:30-10:00 F, Ferguson Hall 72, In Person Term Based; Sally O'Reilly ; 2 cr.

5440 Chamber Ensemble

(A-F or Audit; Prereq: audition, instr consent)
52392 001 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 001 MUS 3440; 1 cr.
52393 002 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 002 MUS 3440; 1 cr.
52394 003 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 003 MUS 3440; Thomas Ashworth ; 1 cr.
52395 004 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 004 MUS 3440; 1 cr.
52396 005 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 005 MUS 3440; 1 cr.
68886 006 LAB, In Person Term Based; ; 1 cr.
68887 007 LAB, In Person Term Based; ; 1 cr.
68888 008 LAB, In Person Term Based; ; 1 cr.
68889 009 LAB, In Person Term Based; ; 1 cr.
68890 010 LAB, In Person Term Based; ; 1 cr.
68891 011 LAB, In Person Term Based; ; 1 cr.
68892 012 LAB, In Person Term Based; ; 1 cr.
68893 013 LAB, In Person Term Based; ; 1 cr.
68894 014 LAB, In Person Term Based; ; 1 cr.
68895 015 LAB, In Person Term Based; ; 1 cr.
68896 016 LAB, In Person Term Based; Caroline Lemen ; 1 cr.

5450 Orchestral Repertoire

(A-F or Audit; Prereq: instr consent)
68780 001 LAB, 19:30-21:30 Th, Ferguson Hall 90, In Person Term Based; Steven Campbell ; 1-3 cr.

5460 World Music Ensemble

(Student Option;)
54176 001 LAB, 18:00-20:00 W, Ferguson Hall 95, In Person Term Based; Scott Currie ; 1-2 cr.

5464 Cello Pedagogy

(A-F or Audit;)
67112 001 LAB, 12:20-13:10 WF, Ferguson Hall 72, In Person Term Based; Tanya Remenikova ; 2 cr.

5490 Percussion Ensemble

(A-F or Audit; Prereq: instr consent)
52183 001 LAB, 15:35-17:30 MF, Ferguson Hall 95, In Person Term Based; Fernando Meza ; 1 cr.
67113 002 LAB, 18:00-20:00 Th, Ferguson Hall 85, In Person Term Based; Adam Rappel ; 1 cr.

5492 Percussion Literature II

(A-F or Audit; Prereq: Jr or sr or grad or instr consent)
67114 001 LAB, In Person Term Based; Adam Rappel ; 2 cr.

5493 Javanese Gamelan Music Ensemble

(Student Option;)

55802 001 LAB, 16:00-17:30 MW, Ferguson Hall 81, In Person Term Based; Joko Sutrisno ; 1 cr.

5611 Resources for Music Research

(A-F or Audit; Prereq: 3603)
55238 001 LEC, 9:45-11:00 TTh, , In Person Term Based; Jessica Abbazio, Kristi Bergland ; 3 cr.

5630 Performance Practice: 1700 to the Present

(A-F Only;)
67115 001 DIS, 11:15-13:10 W, Ferguson Hall 123, 12:20-13:10 M, Ferguson Hall 123, 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)
55239 001 LEC, 11:15-13:10 Th, Ferguson Hall 123, 11:15-12:05 T, Ferguson Hall 123, In Person Term Based; Karen Painter ; 3 cr.

5732 Free Jazz: From Structure to Gesture

(A-F Only; Prereq: Grad student in music or instr consent)
67725 001 LEC, 14:30-15:20 MWF, Ferguson Hall 225, In Person Term Based; Guerino Mazzola ; 3 cr.

5805 Worlds of Improvisation

(A-F or Audit;)
67774 001 LAB, 16:30-19:00 T, Ferguson Hall 225, In Person Term Based; Scott Currie ; 3 cr.

5950 Topics in Music

(Student Option;)
67116 001 LEC, 10:10-11:00 W, Ferguson Hall 107, 10:10-12:05 M, Ferguson Hall 107, In Person Term Based; Bruce Quaglia ; 1-4 cr.
67117 002 LEC, 13:25-16:25 Th, Ferguson Hall 205, In Person Term Based; Matthew Rahaim ; 1-4 cr.
67118 003 LEC, 10:10-12:40 Th, Ferguson Hall 105, In Person Term Based; Kelley Harness ; 1-4 cr.
67120 004 LEC, 10:10-12:40 M, Ferguson Hall 105, In Person Term Based; Gabriela Currie ; 1-4 cr.
67121 005 LEC, 9:05- 9:55 Th, Ferguson Hall 205, 9:05-11:00 T, Ferguson Hall 205, In Person Term Based; Tiffany Skidmore ; 1-4 cr.
67737 006 LEC, 17:30-18:30 TTh, Ferguson Hall 105, In Person Term Based; Lance Sample ; 1-4 cr.
67883 007 LEC, 11:15-12:05 MWTF, , In Person Term Based; Michael Silverman ; 1-4 cr.
68499 008 LEC, 18:00-20:30 M, , In Person Term Based; Meets With: 001 BTHX 5650; Alex Lubet ; 1-4 cr.

5993 Directed Studies

(Student Option; Prereq instr consent, dept consent, college consent.)
52186 001 IND, In Person Term Based; 1-4 cr.

8112 Instrumental Repertoire: Reduction and Realization

(A-F or Audit; Prereq: Grad student in accompanying/ conducting)
68048 001 LEC, 9:05-11:00 T, Ferguson Hall 240, In Person Term Based; Timothy Lovelace ; 2 cr.

8133 Seminar in Basso Continuo

(A-F or Audit; Prereq: Grad student in Music or instr consent)
67122 001 LEC, 10:10-12:40 F, Ferguson Hall 213, In Person Term Based; Dean Billmeyer ; 3 cr.

8255 Choral Literature: Baroque Era to the Present

(A-F or Audit; Prereq: instr consent)
67124 001 LEC, 16:00-16:30 T, , In Person Term Based; Matthew Mehaffey ; 3 cr.

8299 Performance in Choral Conducting

(A-F or Audit; Prereq: instr consent)
55240 001 LAB, In Person Term Based; Kathy Romey ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
52800 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

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

52822 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)
53390 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.
53391 002 LEC, 9:30-12:30 F, Ferguson Hall 90, In Person Term Based; Kathy Romey ; 3-4 cr.
53392 003 LEC, 9:30-12:30 W, Ferguson Hall 81, In Person Term Based; Mark Russell Smith ; 3-4 cr.

8479 Performance and Document: Wind Ensemble/Band Conducting

(A-F or Audit; Prereq: 8472, instr consent)
68714 001 IND, In Person Term Based; Emily Threinen ; 2 cr.

8550 Composition

(A-F or Audit; Prereq: instr consent)
52122 001 IND, 15:35-17:00 M, Ferguson Hall 123, In Person Term Based; Alex Lubet ; 3 cr.

8582 Schenkerian Theory and Analysis II

(A-F or Audit; Prereq: 8581 or instr consent)
67125 001 LEC, 11:15-12:05 TTh, Ferguson Hall 203, In Person Term Based; David Damschroder ; 3 cr.

8584 Current Issues in the Analysis of 19th-Century Music

(A-F or Audit; Prereq: [[3502, 3512] or equiv placement exam], instr consent; grad-level Schenkerian analysis recommended)
67126 001 LEC, 12:20-14:50 W, Ferguson Hall 205, In Person Term Based; Matt Brititzer-Stull ; 3 cr.

8590 Topics in 20th-Century Analysis

(A-F or Audit;)
54753 001 LEC, 13:25-16:05 T, , In Person Term Based; Bruce Quaglia ; 3 cr.
67127 002 LEC, 11:15-12:05 MWF, Ferguson Hall 205, In Person Term Based; Guerino Mazzola ; 3 cr.
68720 004 LEC, In Person Term Based; ; 3 cr.

8640 Seminar in Musicology

(A-F or Audit; Prereq: Musicology or theory emphasis or instr consent)
54420 002 LEC, 13:25-15:55 T, Ferguson Hall 205, In Person Term Based; Gabriela Currie ; 3 cr.
67875 001 LEC, 13:25-16:25 M, Ferguson Hall 205, In Person Term Based; Peter Mercer-Taylor ; 3 cr.
68721 003 LEC, In Person Term Based; ; 3 cr.
68722 004 LEC, In Person Term Based; ; 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)
52847 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])
52867 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)
52899 001 IND, In Person Term Based; 1-24 cr.

8994 Directed Research

(A-F or Audit; Prereq: instr consent)
53062 001 IND, In Person Term Based; 1-3 cr.

8999 Recital Credits: Doctoral

(A-F or Audit; Prereq: DMA student, instr consent)
52439 001 DIS, In Person Term Based; 4 cr.
53098 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)
52100 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.
52707 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

52708 003 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

1103 Organ: Elective (non-major in music)
(A-F or Audit; Prereq: dept consent)
52124 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)
52125 001 LAB, 00:00-00:00 , , In Person Term Based; Ronnie Bell ; 2-4 cr.
52711 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.
52712 003 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

1112 Clarinet: Elective (non-major in music)
(A-F or Audit; Prereq: dept consent)
68647 001 LAB, In Person Term Based; Jan Scholl ; 2-4 cr.

1113 Saxophone: Elective (non-major in music)
(A-F or Audit; Prereq: dept consent)
68794 001 LAB, In Person Term Based; Preston Duncan ; 2-4 cr.

1121 Percussion: Elective (non-major in music)
(A-F or Audit; Prereq: dept consent)
68821 001 LAB, In Person Term Based; Adam Rappel ; 2-4 cr.

1123 Guitar: Elective (non-major in music)
(A-F or Audit; Prereq: dept consent)
52200 001 LAB, 00:00-00:00 , , In Person Term Based; Filip Zivanovic ; 2-4 cr.
52717 002 LAB, 00:00-00:00 , , In Person Term Based; Nikola Korovljiev ; 2-4 cr.
53111 003 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

1201 Piano: Music Education and BA
(A-F only; Prereq: [Music education or BA applied] major, dept consent)
54649 002 IND, 16:30-18:00 T , , 14:00-15:30 F , , In Person Term Based; Alexander Braginsky ; 2 cr.
54650 003 IND, 16:30-18:00 T , , 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)
54584 001 IND, 14:30-15:30 TTh , , In Person Term Based; Jean Del Santo ; 2 cr.
54585 002 IND, 14:30-15:30 TTh , , In Person Term Based; Wendy Zaro-Mullins ; 2 cr.
54586 003 IND, 14:30-15:30 TTh , , In Person Term Based; Adriana Zabala ; 2 cr.
54587 004 IND, 14:30-15:30 TTh , , In Person Term Based; John De Haan ; 2 cr.
54588 005 IND, 14:30-15:30 TTh , , In Person Term Based; Philip Zawisza ; 2 cr.

1205 Violin: Music Education and BA
(A-F only; Prereq: [Music education or BA applied] major, dept consent)
68355 001 IND, In Person Term Based; Young-Nam Kim ; 2 cr.

1207 Cello: Music Education and BA
(A-F only; Prereq: [Music education or BA applied] major, dept consent)
68874 001 IND, 15:30-16:30 Th , , In Person Term Based; Tanya Remenikova ; 2 cr.

1209 Flute: Music Education and BA
(A-F only; Prereq: [Music education or BA applied] major, dept consent)
55417 002 IND, 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)
54589 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)

54590 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)
56122 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)
54596 001 IND, 15:45-17:00 W , , 15:35-17:30 M , , In Person Term Based; 2 cr.

1215 French Horn: Music Education and BA
(A-F only; Prereq: [Music education or BA applied] major, dept consent)
54591 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)
54592 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)
54593 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)
54594 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)
54595 001 IND, 15:30-16:30 W , , In Person Term Based; Adam Rappel ; 2 cr.
68820 002 IND, 15:30-16:30 W , , In Person Term Based; Peter Kogan ; 2 cr.

1223 Guitar: Music Education and BA
(A-F only; Prereq: [Music education or BA applied] major, dept consent)
68484 001 IND, In Person Term Based; Maja Radovanlija ; 2 cr.

1301 Piano: Music Major
(A-F or Audit; Prereq: Audition, dept consent)
52719 002 LAB, 14:00-15:30 F , , 16:30-18:00 T , , In Person Term Based; Alexander Braginsky ; 2-4 cr.
52720 003 LAB, 13:00-15:00 W , , 16:30-18:00 T , , In Person Term Based; Paul Shaw ; 2-4 cr.
55356 004 LAB, 12:30-14:30 M , , In Person Term Based; Kyung Kim ; 2-4 cr.

1302 Harpsichord: Music Major
(A-F or Audit; Prereq: Audition, dept consent)
52263 001 LAB, 00:00-00:00 , , In Person Term Based; Dean Billmeyer ; 2-4 cr.

1303 Organ: Music Major
(A-F or Audit; Prereq: Audition, dept consent)
52264 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)
52265 001 LAB, 14:30-15:30 TTh , , In Person Term Based; Jean Del Santo ; 2-4 cr.
52725 002 LAB, 14:30-15:30 TTh , , In Person Term Based; Wendy Zaro-Mullins ; 2-4 cr.
52726 003 LAB, 14:30-15:30 TTh , , In Person Term Based; Adriana Zabala ; 2-4 cr.
52727 004 LAB, 14:30-15:30 TTh , , In Person Term Based; John De Haan ; 2-4 cr.
52728 005 LAB, 14:30-15:30 TTh , , In Person Term Based; Philip Zawisza ; 2-4 cr.
68333 006 LAB, 14:30-15:30 TTh , , In Person Term Based; Jane Giering-De Haan ; 2-4 cr.

1305 Violin: Music Major
(A-F or Audit; Prereq: Audition, dept consent)
52737 002 LAB, 15:30-18:30 Th , , In Person Term Based; Young-Nam Kim ; 2-4 cr.

52738 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)
52441 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)
52442 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)
52443 001 LAB, 15:30-17:30 W , , 17:00-18:30 Th , , In Person Term Based; Christopher Brown ; 2-4 cr.
68669 002 LAB, 15:30-17:30 W , , 17:00-18:30 Th , , In Person Term Based; David Williamson ; 2-4 cr.

1309 Flute: Music Major
(A-F or Audit; Prereq: Audition, dept consent)
52444 001 LAB, 15:45-17:00 W , , 15:35-17:30 M , , In Person Term Based; Julia Bogorad ; 2-4 cr.
52739 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)
52445 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)
52446 001 LAB, 15:35-17:30 M , , 15:45-17:00 W , , In Person Term Based; Jennifer Gerth ; 2-4 cr.
56003 002 LAB, 15:45-17:00 W , , 15:35-17:30 M , , In Person Term Based; Jan Scholl ; 2-4 cr.
56004 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)
52740 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)
52447 001 LAB, 15:45-17:00 W , , 15:35-17:30 M , , In Person Term Based; John Miller Jr ; 2-4 cr.

1315 French Horn: Music Major
(A-F or Audit; Prereq: Audition, dept consent)
52752 002 LAB, 15:30-17:35 W , , 15:35-17:35 M , , In Person Term Based; Caroline Lemen ; 2-4 cr.
68031 001 LAB, In Person Term Based; Ellen Dinwiddie Smith ; 2-4 cr.

1316 Trumpet: Music Major
(A-F or Audit; Prereq: Audition, dept consent)
52448 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)
52449 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)
52450 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)
52451 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)
52452 001 LAB, 15:30-16:30 W , , In Person Term Based; Phillip Hey ; 2-4 cr.
52753 002 LAB, 15:30-16:30 W , , In Person Term Based; Adam Rappel ; 2-4 cr.
68832 003 LAB, 15:30-16:30 W , , In Person Term Based; Peter Kogan ; 2-4 cr.

1322 Harp: Music Major
(A-F or Audit; Prereq: Audition, dept consent)
52453 001 LAB, 00:00-00:00 , , In Person Term Based; Kathy Kienzle ; 2-4 cr.

1323 Guitar: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
52454 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)
52575 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.
52709 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.
52710 003 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

1403 Organ: Music Major Secondary (undergraduate)

(A-F or Audit; Prereq: Audition, dept consent)
52576 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)
52577 001 LAB, 00:00-00:00 , , In Person Term Based;
Ronnie Bell ; 2-4 cr.
52713 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.
52714 003 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

1405 Violin: Music Major Secondary (undergraduate)

(A-F or Audit; Prereq: Audition, dept consent)
52578 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)
56155 001 LAB, In Person Term Based; Korey Konkol ; 2-4 cr.

1408 Double Bass: Music Major Secondary (undergraduate)

(A-F or Audit; Prereq: Audition, dept consent)
68846 002 LAB, In Person Term Based; 2-4 cr.

1414 Bassoon: Music Major Secondary (undergraduate)

(A-F or Audit; Prereq: Audition, dept consent)
54399 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)
54806 001 LAB, 00:00-00:00 , , In Person Term Based; Phillip Hey ; 2-4 cr.

1423 Guitar: Music Major Secondary (undergraduate)

(A-F or Audit; Prereq: Audition, dept consent)
52580 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.
52718 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.
53112 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)
68228 004 LAB, In Person Term Based; John De Haan ; 2-4 cr.

2201 Piano: Music Ed and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)
56074 003 IND, In Person Term Based; Paul Shaw ; 2 cr.

2204 Voice: Music Education and BA

(A-F only; Prereq: dept consent)
54643 001 IND, 14:30-15:30 TTh, , In Person Term Based;
Jean Del Santo ; 2 cr.
54644 002 IND, 14:30-15:30 TTh, , In Person Term Based;
Wendy Zaro-Mullins ; 2 cr.
54645 003 IND, 14:30-15:30 TTh, , In Person Term Based;
Adriana Zabala ; 2 cr.
54646 004 IND, 14:30-15:30 TTh, , In Person Term Based;
John De Haan ; 2 cr.
54647 005 IND, 14:30-15:30 TTh, , In Person Term Based;
Philip Zawisza ; 2 cr.

56109 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)
68080 002 IND, In Person Term Based; 2 cr.

2206 Viola: Music Education and BA

(A-F only; Prereq: dept consent)
68174 001 IND, 15:30-18:30 Th, , In Person Term Based;
Korey Konkol ; 2 cr.

2207 Cello: Music Education and BA

(A-F only; Prereq: dept consent)
56095 001 IND, 15:30-18:30 Th, , In Person Term Based;
Tanya Remenikova ; 2 cr.

2209 Flute: Music Education and BA

(A-F only; Prereq: dept consent)
56071 001 IND, In Person Term Based; Immanuel Davis ; 2 cr.

2212 Clarinet: Music Education and BA

(A-F only; Prereq: dept consent)
55158 001 IND, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; Timothy Zavadii ; 2 cr.
68264 002 IND, In Person Term Based; Jan Scholl ; 2 cr.

2213 Saxophone: Music Education and BA

(A-F only; Prereq: dept consent)
68153 001 IND, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; Preston Duncan ; 2 cr.

2216 Trumpet: Music Education and BA

(A-F only; Prereq: dept consent)
56144 001 IND, In Person Term Based; David Baldwin ; 2 cr.
68809 002 IND, In Person Term Based; Charles Lazarus ; 2 cr.

2217 Trombone: Music Education and BA

(A-F only; Prereq: dept consent)
68215 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)
68047 001 IND, 15:30-16:30 W, , In Person Term Based;
Adam Rappel ; 2 cr.

2222 Harp: Music Education and BA

(A-F only; Prereq: dept consent)
68049 001 IND, In Person Term Based; 2 cr.

2223 Guitar: Music Education and BA

(A-F only; Prereq: dept consent)
68665 001 IND, 15:30-17:00 F, , In Person Term Based;
Maja Radovanlija ; 2 cr.

2301 Piano: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
52907 002 LAB, 14:00-15:30 F, , 16:30-18:00 T, , In Person Term Based; Alexander Braginsky ; 2-4 cr.
52908 003 LAB, 13:00-15:00 W, , 16:30-18:00 T, , In Person Term Based; Paul Shaw ; 2-4 cr.
56105 004 LAB, 12:30-14:30 M, , In Person Term Based;
Kyung Kim ; 2-4 cr.

2302 Harpsichord: Music Major

(A-F or Audit; Prereq: Audition, instr consent)
52909 001 LAB, 00:00-00:00 , , In Person Term Based; Dean Billmeyer ; 2-4 cr.

2303 Organ: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
52910 001 LAB, 13:25-14:15 T, , In Person Term Based;
Dean Billmeyer ; 2-4 cr.

2304 Voice: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
52911 001 LAB, 14:30-15:30 TTh, , In Person Term Based;
Jean Del Santo ; 2-4 cr.
52912 002 LAB, 14:30-15:30 TTh, , In Person Term Based;
Wendy Zaro-Mullins ; 2-4 cr.
52913 003 LAB, 14:30-15:30 TTh, , In Person Term Based;
Adriana Zabala ; 2-4 cr.
52914 004 LAB, 14:30-15:30 TTh, , In Person Term Based;
John De Haan ; 2-4 cr.
52915 005 LAB, 14:30-15:30 TTh, , In Person Term Based;
Philip Zawisza ; 2-4 cr.

2305 Violin: Music Major

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

52917 002 LAB, 15:30-18:30 Th, , In Person Term Based;
Young-Nam Kim ; 2-4 cr.

52918 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)
52919 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)
52920 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)
52921 001 LAB, 15:30-17:30 W, , 17:00-18:30 Th, , In Person Term Based; Christopher Brown ; 2-4 cr.

2309 Flute: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
52922 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; Julia Bogorad ; 2-4 cr.
52923 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)
52924 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; John Snow ; 2-4 cr.

2312 Clarinet: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
52925 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; Timothy Zavadii ; 2-4 cr.

2313 Saxophone: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
52926 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)
52928 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; John Miller Jr ; 2-4 cr.

2315 French Horn: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
52930 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)
52931 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)
52932 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)
52933 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)
52934 001 LAB, 18:00-19:00 T, , In Person Term Based;
Steven Campbell ; 2-4 cr.

2322 Harp: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
52937 001 LAB, 00:00-00:00 , , In Person Term Based;
Kathy Kienzie ; 2-4 cr.

2323 Guitar: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
52938 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)
53348 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.
53568 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.
53569 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)

52233 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)**

53244 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

53570 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

53571 003 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

53572 004 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

3105 Violin: Elective (non-major in music)**(A-F or Audit; Prereq: dept consent)**

52715 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

53109 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

3121 Percussion: Elective (non-major in music)**(A-F or Audit; Prereq: dept consent)**

52246 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

52716 002 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)**

52247 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

53807 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

53808 003 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

3201 Piano: Music Ed and BA**(A-F only;)**

56026 003 IND, 13:00-15:00 W, , In Person Term Based; Paul Shaw ; 2 cr.

3204 Voice: Music Education and BA**(A-F only;)**

54632 001 IND, 14:30-15:30 TTh, , In Person Term Based; Jean Del Santo ; 2 cr.

54633 002 IND, 14:30-15:30 TTh, , In Person Term Based; Wendy Zaro-Mullins ; 2 cr.

54634 003 IND, 14:30-15:30 TTh, , In Person Term Based; Adriana Zabala ; 2 cr.

54635 004 IND, 14:30-15:30 TTh, , In Person Term Based; John De Haan ; 2 cr.

54636 005 IND, 14:30-15:30 TTh, , In Person Term Based; Philip Zawisza ; 2 cr.

67965 006 IND, 14:30-15:30 TTh, , In Person Term Based; Jane Giering-De Haan ; 2 cr.

3205 Violin: Music Education and BA**(A-F only;)**

56037 003 IND, 15:30-18:30 Th, , In Person Term Based; Sally O'Reilly ; 2 cr.

68168 002 IND, In Person Term Based; Young-Nam Kim ; 2 cr.

3209 Flute: Music Education and BA**(A-F only;)**

68005 002 IND, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; Immanuel Davis ; 2 cr.

3211 Oboe: Music Education and BA**(A-F only;)**

68026 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;)**

56073 001 IND, In Person Term Based; Jennifer Gerth ; 2 cr.

56119 002 IND, In Person Term Based; Jan Scholl ; 2 cr.

3213 Saxophone: Music Education and BA**(A-F only;)**

56002 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;)**

56140 001 IND, In Person Term Based; Caroline Lemen ; 2 cr.

3217 Trombone: Music Education and BA**(A-F only;)**

68605 001 IND, 15:35-17:30 W, , 15:35-17:35 M, , In Person Term Based; Thomas Ashworth ; 2 cr.

3222 Harp: Music Education and BA**(A-F only;)**

55156 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)**

56118 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)**

52721 002 LAB, 14:00-15:30 F, , 16:30-18:00 T, , In Person Term Based; Alexander Braginsky ; 2-4 cr.

52722 003 LAB, 13:00-15:00 W, , 16:30-18:00 T, , In Person Term Based; Paul Shaw ; 2-4 cr.

68259 004 LAB, In Person Term Based; Kyung Kim ; 2-4 cr.

3302 Harpsichord: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

52456 001 LAB, 00:00-00:00 , , In Person Term Based; Dean Billmeyer ; 2-4 cr.

3303 Organ: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

52457 001 LAB, 13:25-14:15 T, , In Person Term Based; Dean Billmeyer ; 2-4 cr.

67995 002 LAB, In Person Term Based; Thomas Ferry ; 2-4 cr.

3304 Voice: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

52458 001 LAB, 14:30-15:30 TTh, , In Person Term Based; Jean Del Santo ; 2-4 cr.

52729 002 LAB, 14:30-15:30 TTh, , In Person Term Based; Wendy Zaro-Mullins ; 2-4 cr.

52730 003 LAB, 14:30-15:30 TTh, , In Person Term Based; Adriana Zabala ; 2-4 cr.

52731 004 LAB, 14:30-15:30 TTh, , In Person Term Based; John De Haan ; 2-4 cr.

52732 005 LAB, 14:30-15:30 TTh, , In Person Term Based; Philip Zawisza ; 2-4 cr.

67407 006 LAB, 14:30-15:30 TTh, , In Person Term Based; Jane Giering-De Haan ; 2-4 cr.

3305 Violin: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

52741 002 LAB, 15:30-18:30 Th, , In Person Term Based; Young-Nam Kim ; 2-4 cr.

54209 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)**

52494 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)**

52495 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)**

52496 001 LAB, 15:30-17:30 W, , 17:00-18:30 Th, , In Person Term Based; Christopher Brown ; 2-4 cr.

68705 002 LAB, 15:30-17:30 W, , 17:00-18:30 Th, , In Person Term Based; David Williamson ; 2-4 cr.

3309 Flute: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

52497 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; Julia Bogorad ; 2-4 cr.

52745 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)**

52498 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)**

52499 003 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; Timothy Zavdil ; 2-4 cr.

3313 Saxophone: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

52500 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)**

52501 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; John Miller Jr ; 2-4 cr.

55157 003 LAB, 00:00-00:00 , , In Person Term Based; Norbert Nielubowski ; 2-4 cr.

3315 French Horn: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

52754 001 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person Term Based; Caroline Lemen ; 2-4 cr.

67964 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)**

52502 001 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person Term Based; David Baldwin ; 2-4 cr.

68644 002 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person Term Based; Charles Lazarus ; 2-4 cr.

3317 Trombone: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

52503 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)**

52504 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)**

52505 001 LAB, 18:00-19:00 T, , In Person Term Based; Steven Campbell ; 2-4 cr.

3322 Harp: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

52507 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)**

52508 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)**

52251 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)**

52257 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)**

52258 001 LAB, 00:00-00:00 , , In Person Term Based; 2 cr.

5105 Violin: Elective (graduate non-major in music)**(A-F or Audit; Prereq: dept consent)**

52259 001 LAB, 00:00-00:00 , , In Person Term Based; 2 cr.

52742 002 LAB, 00:00-00:00 , , In Person Term Based; 2 cr.

5121 Percussion: Elective (graduate non-major in music)**(A-F or Audit; Prereq: dept consent)**

52260 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)**

52261 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)**

52581 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

5403 Organ: Music Major Secondary (graduate)

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

52625 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)

52626 001 LAB, In Person Term Based; Wendy Zaro-Mullins ; 2-4 cr.

68612 002 LAB, In Person Term Based; Laurent Kuehnl ; 2-4 cr.

5405 Violin: Music Major Secondary (graduate)

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

52627 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

5417 Trombone: Music Major Secondary (graduate)

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

68561 001 LAB, In Person Term Based; Thomas Ashworth ; 2-4 cr.

5421 Percussion: Music Major Secondary (graduate)

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

52629 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)

52757 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)

52723 002 LAB, 14:00-15:30 F, , 16:30-18:00 T, , In Person Term Based; Alexander Braginsky ; 2-4 cr.

52724 003 LAB, 13:00-15:00 W, , 16:30-18:00 T, , In Person Term Based; Paul Shaw ; 2-4 cr.

68570 004 LAB, In Person Term Based; Kyung Kim ; 2-4 cr.

8302 Harpsichord: Music Major (graduate)

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

52545 001 LAB, 00:00-00:00 , , In Person Term Based; Dean Billmeyer ; 2-4 cr.

8303 Organ: Music Major (graduate)

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

52546 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)

52553 001 LAB, 14:30-15:30 TTh, , In Person Term Based; Jean Del Santo ; 2-4 cr.

52733 002 LAB, 14:30-15:30 TTh, , In Person Term Based; Wendy Zaro-Mullins ; 2-4 cr.

52734 003 LAB, 14:30-15:30 TTh, , In Person Term Based; Adriana Zabala ; 2-4 cr.

52735 004 LAB, 14:30-15:30 TTh, , In Person Term Based; John De Haan ; 2-4 cr.

52736 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)

52743 002 LAB, 15:30-18:30 Th, , In Person Term Based; Young-Nam Kim ; 2-4 cr.

52744 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)

52558 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)

52559 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)

52560 001 LAB, 15:30-17:30 W, , 17:00-18:30 Th, , In Person Term Based; Christopher Brown ; 2-4 cr.

8309 Flute: Music Major (graduate)

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

52561 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; Julia Bogorad ; 2-4 cr.

52747 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)

52562 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)

52564 001 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)

52565 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)

52566 001 LAB, 15:45-17:00 W, , 15:35-17:30 M, , In Person Term Based; John Miller Jr ; 2-4 cr.

8315 French Horn: Music Major (graduate)

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

52755 002 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person Term Based; Caroline Lemen ; 2-4 cr.

68562 001 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person Term Based; Ellen Dinwiddie Smith ; 2-4 cr.

8316 Trumpet: Music Major (graduate)

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

52567 001 LAB, 15:30-17:35 W, , 15:35-17:35 M, , In Person Term Based; David Baldwin ; 2-4 cr.

68607 002 LAB, In Person Term Based; Charles Lazarus ; 2-4 cr.

8317 Trombone: Music Major (graduate)

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

52568 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)

52569 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)

52570 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)

52571 001 LAB, 15:30-16:30 W, , In Person Term Based; Philip Hey ; 2-4 cr.

52758 002 LAB, 15:30-16:30 W, , In Person Term Based; Adam Rappel ; 2-4 cr.

53083 003 LAB, 15:30-16:30 W, , In Person Term Based; Peter Kogan ; 2-4 cr.

8322 Harp: Music Major (graduate)

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

52572 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)

52573 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)

52759 001 LAB, 00:00-00:00 , , In Person Term Based; Timothy Lovelace ; 2-4 cr.

Music Education (MUED)

1801 Introduction to Music Therapy

(A-F or Audit;)

52960 001 LEC, 12:20-13:10 MW, Ferguson Hall 107, In Person Term Based; Rebecca West ; 2 cr.

3011 Music in Childhood

(Student Option;)

54424 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)

54082 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;)

54185 001 LEC, 12:20-13:10 TTh, Ferguson Hall 151, In Person Term Based; Rebecca West ; 2 cr.

4502 String Techniques and Teaching

(A-F or Audit;)

67129 001 LEC, 10:10-11:00 MWF, Ferguson Hall 95, In Person Term Based; Emily Heuschele ; 2 cr.

4503 Woodwind Techniques and Teaching

(A-F or Audit;)

67130 001 LEC, 12:20-13:10 MWF, Ferguson Hall 95, In Person Term Based; Ariel Detwiler ; 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)

53844 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;)

52244 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)

54430 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;)

52243 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)

54431 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;)

52096 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)

53051 001 LEC, 16:00-17:45 T, Ferguson Hall 107, In Person Term Based; Casey Clementson ; 2 cr.

5750 Topics in Music Education

(A-F or Audit;)

67131 001 LEC, 16:30-19:00 M, Ferguson Hall 157, In Person Term Based; Akosua Addo ; 1-4 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)

53975 001 LAB, 11:15-12:45 TTh, Ferguson Hall 149, In Person Term Based; Edward Schwartzberg ; 3 cr.

5805 Music Therapy Methods and Procedures II

(A-F only; Prereq: 5804 or instr consent)

53976 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)

52574 001 LEC, 10:10-11:00 MWThF, Ferguson Hall 151, In Person Term Based; Michael Silverman ; 4 cr.

5855 Music Therapy Internship

(S-N or Audit; Prereq: Music therapy major, instr consent)
52704 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)
52184 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8210 Advanced Music Teaching Seminar

(A-F only; Prereq: Grad student in music education or with music teaching license)
67133 001 LEC, 16:00-19:00 W, Ferguson Hall 157, In Person Term Based; Keitha Hamann ; 1 cr.

8284 Seminar: Research and Scholarly Issues

(A-F or Audit; Prereq: Doctoral student in music or music education or instr consent)
67134 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)
52799 001 IND, In Person Term Based; 1 cr.

8810 Music Therapy Research

(A-F only; Prereq: 4th year music therapy undergraduate student (with instructor consent), Music Therapy MA or PhD, or PhD-level music education student.)
66587 001 DIS, 11:15-12:05 MWF, Ferguson Hall 151, In Person Term Based; Michael Silverman ; 3-4 cr.

8880 Master's Research Project

(A-F only; Prereq: Grad music ed major, instr consent)
52245 001 IND, In Person Term Based; 3-6 cr.

8900 Seminar: Music Education Doctoral Seminar

(A-F only; Prereq: dept consent)
53684 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)
52342 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)
59159 001 LEC, 16:00-17:00 M, Tate Hall B85, In Person Term Based; Sang-Hyun Oh ; 1 cr.

Natural Resources Sci and Mgmt (NR)**8107 Seminar: Natural Resources Science and Management**

(Student Option;)
56366 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)
56378 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
56395 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)

56413 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])
56425 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.)
56444 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)
63876 001 LAB, 6:15- 8:50 T, Armory Building 205, 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;)
63871 001 LEC, 10:30-11:45 TTh, Armory Building 202, In Person Term Based; Edgard Corea ; 3 cr.

2000 Professional Training in Naval Science

(S-N or Audit; Prereq: Soph enrolled in NROTC)
63877 001 LAB, 6:15- 8:50 T, Armory Building 205, 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;)
63901 001 LEC, 9:05-10:20 TTh, Armory Building 202, In Person Term Based; Edgard Corea ; 3 cr.

3000 Professional Training in Naval Science

(S-N or Audit; Prereq: Jr enrolled in NROTC)
63878 001 LAB, 6:15- 8:50 T, Armory Building 205, 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;)
63900 001 LEC, 17:00-19:30 M, 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)
63879 001 LAB, 6:15- 8:50 T, Armory Building 205, 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 4401(WCIV,WI))
63872 001 LEC, 9:45-11:00 TTh, Armory Building 205, In Person Term Based; Nicholie Bufkin ; 3 cr.
68106 002 LEC, 9:45-11:00 MW, Armory Building 205, In Person Term Based; Nicholie Bufkin ; 3 cr.

Neurology (NEUR)**5240 Cerebrovascular Hemodynamics and Diseases II**

(A-F only; Prereq: 5230, instr consent)
61856 001 LEC, 16:30-18:30 MW, No Room Required, In Person Term Based; Afshin Divani ; 4 cr.

7120 Neurology Research

(H-N only;)
62137 099 IND, In Person Term Based; 2-8 cr.

7124 Sleep Disorders

(H-N only;)
61516 011 ROT, In Person Term Based; 2 cr.
62203 012 ROT, In Person Term Based; 2 cr.
62204 021 ROT, In Person Term Based; 2 cr.
62205 022 ROT, In Person Term Based; 2 cr.
62206 031 ROT, In Person Term Based; 2 cr.
62207 032 ROT, In Person Term Based; 2 cr.

62208 041 ROT, In Person Term Based; 2 cr.
62209 042 ROT, In Person Term Based; 2 cr.

7510 Neurology Externship

(H-N only;)
61517 001 ROT, In Person Term Based; 4 cr.
62210 002 ROT, In Person Term Based; 4 cr.
62211 003 ROT, In Person Term Based; 4 cr.
62212 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"))
61919 002 ROT, In Person Term Based; 4 cr.
62214 003 ROT, In Person Term Based; 4 cr.
62215 004 ROT, In Person Term Based; 4 cr.

7565 Neurology Subspecialty Elective

(H-N only;)
61800 001 ROT, In Person Term Based; 4 cr.
62319 003 ROT, In Person Term Based; 4 cr.
68431 002 ROT, In Person Term Based; ; 4 cr.
68432 004 ROT, In Person Term Based; ; 4 cr.

7599 Subinternship in Clinical Neurology

(H-N only; Prereq: 7510)
61776 001 ROT, In Person Term Based; 4 cr.
62320 002 ROT, In Person Term Based; 4 cr.
62321 003 ROT, In Person Term Based; 4 cr.
62322 004 ROT, In Person Term Based; 4 cr.

7600 Epilepsy Diagnosis and Treatment

(H-N only;)
61778 011 ROT, In Person Term Based; 2 cr.
62323 012 ROT, In Person Term Based; 2 cr.
62324 021 ROT, In Person Term Based; 2 cr.
62325 022 ROT, In Person Term Based; 2 cr.
62326 031 ROT, In Person Term Based; 2 cr.
62327 032 ROT, In Person Term Based; 2 cr.
62328 041 ROT, In Person Term Based; 2 cr.
62329 042 ROT, In Person Term Based; 2 cr.

Neuroscience (NSC)**5462 Neuroscience Principles of Drug Abuse**

(Student Option; Prereq: instr consent)
68871 001 LEC, 15:00-17:00 Th, , In Person Term Based; Paul Mermelstein ; 2 cr.

5661W Behavioral Neuroscience

(A-F or Audit; Prereq: Grad NSc major or grad NSc minor or instr consentWI)
61469 001 DIS, 8:30- 9:55 MWF, Weaver-Densford Hall W2-110, In Person Term Based; Mark Masino ; 3 cr.

8211 Developmental Neurobiology

(A-F or Audit; Prereq: Neuroscience grad student or instr consent)
61562 001 LEC, 10:10-11:35 MWF, Weaver-Densford Hall W2-110, In Person Term Based; Yasushi Nakagawa ; 3 cr.

8321 Career Skills and Understanding Responsibilities as a Neuroscientist

(S-N or Audit; Prereq: Neuroscience grad major or instr consent)
61682 001 LEC, 12:00-13:30 T, , In Person Term Based; Meets With: 002 NSC 8321; Linda McLoon ; 0.5 cr.

8334 Laboratory Neuroscience

(S-N or Audit; Prereq: Grad NSc major)
61474 001 LAB, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8411 Teaching in Neuroscience

(S-N or Audit; Prereq: instr approval)
61678 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)
61582 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)

61591 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated;)
61780 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)
61616 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)
61834 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)
62169 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;)
62213 001 LEC, 13:25-14:15 MWF, Bruininks Hall 131A, In Person Term Based; Steven McLoon ; 3 cr.

3001W Neuroscience and Society

(A-F only; CIV,WI)
61910 001 LEC, 9:30-11:00 TTh, Rapson Hall 56, In Person Term Based; Janet Dubinsky ; 4 cr.

3101 Neurobiology I: Molecules, Cells, and Systems

(A-F or Audit; Prerequisites. Enrollment Requirements: Biol 3020 OR concurrent/previous BioC 3021/3022/4331 or equivalent. Nsci 2001/2100 highly recommended.)
66636 001 LEC, 9:05-9:55 MWF, Moos Health Sci Tower 2-580, In Person Term Based; Lorene Lanier ; 3 cr.

3102W Neurobiology II: Perception and Behavior

(A-F or Audit; WI)
61731 001 LEC, 13:25-14:15 WF, Bruininks Hall 412, In Person Term Based; Geoffrey Ghose ; 3 cr.
61924 002 DIS, 14:25-15:15 M, Moos Health Sci Tower 1-455, In Person Term Based; 3 cr.
61925 003 DIS, 15:35-16:25 M, Moos Health Sci Tower 1-455, In Person Term Based; 3 cr.
61926 004 DIS, 15:35-16:25 M, Moos Health Sci Tower 1-440, In Person Term Based; 3 cr.
61927 005 DIS, 15:35-16:25 M, Moos Health Sci Tower 1-460, In Person Term Based; 3 cr.
61928 006 DIS, 16:40-17:30 M, Moos Health Sci Tower 2-118, In Person Term Based; 3 cr.
61929 007 DIS, 16:40-17:30 M, Weaver-Densford Hall W2120, In Person Term Based; 3 cr.
61930 008 DIS, 11:15-12:05 M, Moos Health Sci Tower 1-440, In Person Term Based; 3 cr.

4167 Neuroscience in the Community

(A-F or Audit; Prereq: instr consent)
61704 001 FWK, 17:00-18:00 T, Moos Health Sci Tower 2-633, In Person Term Based; Janet Dubinsky ; 1-3 cr.

4201 Neuroscience of Drug Abuse

(A-F only;)
67962 001 LEC, 14:30-15:45 TTh, Mayo Bldg & Additions 3-100, In Person Term Based; Robert Meisel ; 3 cr.

4501 Neurodegenerative Diseases, Mechanisms to Therapies

(A-F only;)
67957 001 LEC, 9:05-9:55 W, , 9:05-9:55 MF, Bruininks Hall 530A, In Person Term Based; Meets With: 001 NSCI 5501; Sylvain Lesne ; 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)
61635 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)
61636 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)
61566 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)
61567 001 IND, 00:00-00:00 , , In Person Term Based; Lorene Lanier ; 1-6 cr.

5101 Neurobiology I: Molecules, Cells, and Systems

(A-F or Audit; Prerequisites.)
66658 001 LEC, 9:05-9:55 MWF, Moos Health Sci Tower 1-455, In Person Term Based; Lorene Lanier ; 3 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)
61686 002 LAB, 13:25-15:20 M, , In Person Term Based; Matthew Chafee ; 5 cr.
61687 003 LAB, 15:35-17:30 M, , In Person Term Based; Matthew Chafee ; 5 cr.

5501 Neurodegenerative Diseases, Mechanisms to Therapies

(A-F only;)
68803 001 LEC, 9:05-9:55 W, Bruininks Hall 432, 9:05-9:55 MF, Bruininks Hall 530A, In Person Term Based; Meets With: 001 NSCI 4501; Sylvain Lesne ; 3 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)
61693 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)
61708 001 LEC, In Person Term Based; Matthew Chafee ; 5 cr.
61709 002 LAB, 00:00-00:00 , , In Person Term Based; Matthew Chafee ; 5 cr.
61710 003 LAB, 00:00-00:00 , , In Person Term Based; Matthew Chafee ; 5 cr.

Neurosurgery (NSU)

7200 Surgical Specialty: Neurosurgery

(P-N only;)
61628 011 ROT, In Person Term Based; Rachel Talcott ; 2 cr.
62330 012 ROT, In Person Term Based; 2 cr.
62331 021 ROT, In Person Term Based; 2 cr.
62332 022 ROT, In Person Term Based; 2 cr.
62333 031 ROT, In Person Term Based; 2 cr.
62334 032 ROT, In Person Term Based; 2 cr.
62335 041 ROT, In Person Term Based; 2 cr.
62336 042 ROT, In Person Term Based; 2 cr.

7500 Neurosurgery Externship

(H-N only;)
62138 001 ROT, In Person Term Based; 4 cr.
62337 002 ROT, In Person Term Based; 4 cr.
62338 003 ROT, In Person Term Based; 4 cr.
62339 004 ROT, In Person Term Based; 4 cr.

7910 Neurosurgery Medical Residency

(No Grade Associated;)
62047 001 FWK, In Person Term Based; 6 cr.

7930 Neurosurgery Medical Fellowship

(No Grade Associated;)
62048 001 FWK, In Person Term Based; 6 cr.

8318 Neuroradiological Conference

(S-N or Audit;)
61629 001 LEC, In Person Term Based; 1 cr.

8320 Neurosurgical Conference

(S-N or Audit;)
61630 001 LEC, In Person Term Based; 1 cr.

Norwegian (NOR)

1002 Beginning Norwegian

(Student Option; Prereq: 1001)
52297 001 DIS, 10:10-11:00 MTWThF, Folwell Hall 18, In Person Term Based; Meets With: 001 NOR 4002; Hanna Zmijewska-Emerson ; 5 cr.
53520 002 DIS, 16:40-18:50 MW, Folwell Hall 120, In Person Term Based; Meets With: 002 NOR 4002; Arsenia laneva-Lockney ; 5 cr.

1004 Intermediate Norwegian

(Student Option; Prereq: 1103)
52298 001 DIS, 13:25-14:15 MTWThF, Folwell Hall 18, In Person Term Based; Meets With: 001 NOR 4004; Hanna Zmijewska-Emerson ; 5 cr.

4002 Beginning Norwegian for Graduate Research

(Student Option;)
52643 001 DIS, 10:10-11:00 MTWThF, Folwell Hall 18, In Person Term Based; Meets With: 001 NOR 1002; Hanna Zmijewska-Emerson ; 5 cr.
53521 002 DIS, 16:40-18:50 MW, Folwell Hall 120, In Person Term Based; Meets With: 002 NOR 1002; Arsenia laneva-Lockney ; 5 cr.

4004 Intermediate Norwegian for Graduate Research

(Student Option; Prereq: 1004 in another language or passing score on LPE or grad student)
52644 001 DIS, 13:25-14:15 MTWThF, Folwell Hall 18, 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)
62582 001 IND, In Person Term Based; Alicia George ; 0 cr.

1031 Nursing First Year Seminar II

(A-F only;)
62931 001 LEC, 12:20-13:10 F, Moos Health Sci Tower 1-450, In Person Term Based; Carol Flaten, Eunice Areba ; 1 cr.

2001 Human Growth and Development: A Life Span Approach

(Student Option;)
62569 001 LEC, Completely Online; Laura Kirk, Robin Austin ; 3 cr.
62581 002 LEC, Completely Online; Laura Kirk, Robin Austin ; 3 cr.
62645 003 LEC, Completely Online; Laura Kirk, Robin Austin ; 3 cr.

3115 Health Informatics and Information Technology

(A-F only; TS)
62577 001 LEC, Completely Online; Martin Michalowski, Lisiane Pruinelli ; 3 cr.

3705 Nursing Interventions

(A-F or Audit; Prereq: 3703, enrolled in School of Nursing)
62596 001 LAB, 8:00-11:00 F, Moos Health Sci Tower 2-620, 13:25-17:30 T, Weaver-Densford Hall 4-142, In Person Term Based; Dawn Fredrich, Emily Ordal, Lucinda Getz Jolstad ; 2 cr.
62598 002 LAB, 8:00-11:00 F, , 13:25-17:30 W, Weaver-Densford Hall 4-142, In Person Term Based; Penny Kessler, Mary Goering, Nellie Munn ; 2 cr.
62599 003 LAB, 8:00-11:00 F, , 13:25-17:30 Th, Weaver-Densford Hall 4-142, In Person Term Based; Alicia Crepps, Lucinda Getz Jolstad, Nellie Munn ; 2 cr.

62573 007 FWK, 7:00-15:30 W, No Room Required, 7:00-15:30 W, No Room Required, In Person Term Based; Samantha Manning, Hannah Stende ; 5 cr.
62602 008 FWK, 7:00-15:30 W, No Room Required, 7:00-15:30 W, No Room Required, In Person Term Based; Zoe Johnson, Kelli Aarstad ; 5 cr.
62612 009 FWK, 7:00-15:30 W, No Room Required, 7:00-15:30 W, No Room Required, In Person Term Based; Kelli Aarstad, Zoe Johnson ; 5 cr.
62873 010 FWK, 7:00-15:30 W, No Room Required, 7:00-15:30 W, No Room Required, In Person Term Based; Zoe Johnson, Kelli Aarstad ; 5 cr.

5115 Interprofessional Health Care Informatics

(A-F or Audit;)
62578 001 LEC, Completely Online; Martin Michalowski ; 3 cr.

5225 Psychopharmacology Advanced Practice Psychiatric/Mental Health Nursing

(A-F only; Prereq: 5228 or instr consent)
62603 001 LEC, 9:05-12:05 W, Moos Health Sci Tower 2-120, 9:05-12:05 W, Moos Health Sci Tower 2-120, 9:05-12:05 W, Moos Health Sci Tower 2-120, 9:05-12:05 W, Moos Health Sci Tower 2-120, 9:05-12:05 W, Moos Health Sci Tower 2-120, 9:05-12:05 W, Moos Health Sci Tower 2-120, 9:05-12:05 W, Merrie Kaas, Elena Geiger-Simpson ; 3 cr.

5226 Advanced Human Pathophysiology

(A-F or Audit;)
62886 001 LEC, 8:00- 9:55 M, Moos Health Sci Tower 2-520, In Person Term Based; Dereck Salisbury, Ryan Mays ; 2 cr.
62892 002 LEC, 11:15-13:10 T, Weaver-Densford Hall 4-130, In Person Term Based; Ryan Mays, Dereck Salisbury ; 2 cr.
62893 003 LEC, 11:15-13:10 F, Moos Health Sci Tower 2-520, In Person Term Based; Ryan Mays, Dereck Salisbury ; 2 cr.
67533 004 LEC, 13:25-15:20 F, Weaver-Densford Hall 4-130, In Person Term Based; Ryan Mays, Dereck Salisbury ; 2 cr.

5229 Clinical Pharmacotherapeutics

(A-F only; Prereq: 5222, [5228 or PHAR 5800], DNP student, instr consent)
62590 001 LEC, 8:00-11:00 Th, Moos Health Sci Tower 1-451, 8:00-11:00 Th, Moos Health Sci Tower 1-451, 8:00-11:00 Th, Moos Health Sci Tower 1-451, Primarily Online; Mary Benbenek, Sarah Wood, Kim Moore ; 2-4 cr.

5230 Pharmacotherapeutics for Nurse Anesthesia

(A-F only;)
62901 001 LEC, 9:05-12:05 W, Diehl Hall Laboratories 535B, 9:05-12:05 W, Weaver-Densford Hall 6-194, In Person Term Based; Roxanne McMurray ; 4 cr.

5284 Supporting Physiologic Labor and Childbirth for Nurses

(S-N only;)
67798 001 FWK, 13:00-16:00 F, Weaver-Densford Hall 6-194, 8:00-17:00 Sa, Weaver-Densford Hall 4-142, 9:00-13:00 Su, Weaver-Densford Hall 4-142, 13:00-17:00 F, Weaver-Densford Hall 4-142, 13:00-15:00 F, Weaver-Densford Hall 4-142, 13:00-15:00 F, No Room Required, In Person Term Based; Samantha Sommersness ; 2 cr.

5800 Nursing Topics

(Student Option; Prereq: instr consent)
62558 001 IND, 18:00-20:30 T, No Room Required, 18:00-20:30 T, No Room Required, 18:00-20:30 T, No Room Required, 9:00-13:00 Sa, No Room Required, In Person Term Based; Melissa Saftner ; 1-4 cr.

5812 Global Health Through Study Abroad

(S-N only; Prereq: instr consent)
62676 007 FWK, Study Abroad; Eileen Weber, Teddie Potter, Nasra Giama ; 1-2 cr.

6105 Systems Analysis and Design

(A-F or Audit; Prereq: 5115 or equiv or instr consent)
62589 001 LEC, Completely Online; Martin Michalowski, Bonnie Westra ; 3 cr.

6110 Epidemiology in Nursing

(A-F only;)
62604 001 LEC, 13:25-15:20 T, Weaver-Densford Hall 4-130, Primarily Online; Mary Findorff ; 2 cr.
62894 002 LEC, 13:25-15:20 F, Moos Health Sci Tower 2-520, Primarily Online; Mary Findorff ; 2 cr.
67534 003 LEC, 11:15-13:10 F, Weaver-Densford Hall W2120, Primarily Online; Mary Findorff ; 2 cr.

6200 Science of Nursing Intervention

(A-F or Audit; Prereq: Admission to MN or DNP program)
62579 001 LEC, 15:35-18:30 T, Weaver-Densford Hall 4-130, Primarily Online; Carrie Neerland ; 3 cr.
62895 002 LEC, 15:35-18:30 F, Weaver-Densford Hall 4-130, In Person Term Based; Mary Fran Tracy, Erica Schorr ; 3 cr.
67535 003 LEC, 15:35-18:30 F, Weaver-Densford Hall W2120, In Person Term Based; Laura Kirk, Barbara Champlin ; 3 cr.

6308 Women's Primary Care Practicum

(S-N only; Prereq: 5200, 5222, 5228, 5229, 6501, 6305, 6306)
62878 001 FWK, 15:35-18:30 W, Weaver-Densford Hall 6-108, 15:35-18:30 W, Weaver-Densford Hall 6-108, 12:00-16:00 W, No Room Required, Primarily Online; Deborah Ringdahl, Melissa Saftner ; 1-2 cr.
62938 012 FWK, Primarily Online; Melissa Saftner, Deborah Ringdahl ; 1-2 cr.

6502 Assessment and Management of Health for Advanced Practice Nurses, II

(A-F only; Prereq: Nurs 5228)
62607 001 LEC, 8:00-11:00 W, Moos Health Sci Tower 2-520, 8:00-11:00 W, Moos Health Sci Tower 2-520, 8:00-11:00 W, Moos Health Sci Tower 2-520, Primarily Online; Jane Anderson, Ann Hayden ; 2-3 cr.

6504 Assessing, Managing Psychiatric Disorders in Adv Practice Psychiatric-Mental Health Nursing

(A-F only;)
62646 001 LEC, 12:20-15:20 W, Moos Health Sci Tower 1-451, 12:20-15:20 W, Moos Health Sci Tower 1-455, 12:20-15:20 W, Moos Health Sci Tower 1-455, 12:20-15:20 W, Moos Health Sci Tower 1-430, Partially Online; Barbara Peterson ; 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)
62647 001 FWK, 15:35-16:25 W, Moos Tower, Room 1-317, 15:35-16:25 W, Moos Tower, Room 1-317, 15:35-16:25 W, Moos Tower, Room 1-317, 15:35-16:25 W, Moos Tower, Room 1-317, 15:35-16:25 W, Moos Tower, Room 1-317, Partially Online; Barbara Peterson, Elena Geiger-Simpson ; 2 cr.

6703 Nursing Leadership Seminar: Organizational Culture and Leadership

(A-F only; Prereq: Grad student or instr consent)
62677 001 LEC, 8:00- 9:55 W, Moos Tower, Room 1-317, 8:00- 9:55 Th, Weaver-Densford Hall 6-108, 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)
62678 001 FWK, Primarily Online; Judith Pechacek ; 1-2 cr.

6900 Introduction to Principles of Anesthesia

(A-F only; Prereq: Doctorate of nursing practice program)
62884 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 W, Weaver-Densford Hall 4-142, 8:00-12:05 W, Weaver-Densford Hall 4-136, 8:00- 9:05 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, 8:00-12:05 W, Weaver-Densford Hall 4-142, 9:05-15:20 W, Weaver-Densford Hall 4-136, 7:00-15:20 T, Weaver-Densford Hall 4-136, 9:05-12:05 W, Diehl Hall Laboratories 535B, Primarily Online; Roxanne McMurray, Justin Fulkerson ; 6 cr.

6903 Nurse Anesthesia Care: Special Populations

(A-F only; Prereq: 6900, 6901, 6902, concurrent registration is required (or allowed) in 6912, admission to BSN-DNP nurse anesthesia specialty)
67556 001 LEC, 12:20-16:25 F, Weaver-Densford Hall 6-108, 12:20-16:25 F, Weaver-Densford Hall 6-108, 12:20-16:25

F, Weaver-Densford Hall 6-108, 12:20-16:25 F, Weaver-Densford Hall 6-108, 12:20-16:25 F, Weaver-Densford Hall 6-108, 12:20-16:25 F, Weaver-Densford Hall 6-108, 7:00- 9:00 T, Weaver-Densford Hall 6-108, 9:00-13:10 T, Weaver-Densford Hall 4-142, In Person Term Based; Danilo Lovinaria, Justin Fulkerson ; 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)
62882 001 FWK, Completely Online; 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)
62648 001 FWK, 12:20-15:20 Th, Moos Tower, Room 1-317, 12:20-15:20 Th, Moos Tower, Room 1-317, 12:20-15:20 Th, Moos Tower, Room 1-317, 12:20-15:20 Th, 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)
62615 001 LEC, 9:05-12:05 W, Weaver-Densford Hall 6-108, In Person Term Based; Cheri Friedrich, Andra Fjone ; 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)
62616 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, In Person Term Based; Cheri Friedrich ; 1-2 cr.

62936 006 FWK, In Person Term Based; Cheri Friedrich ; 1-2 cr.

6925 Advanced Concepts in Women's Health Care I

(A-F only; Prereq: 6305, 6306, 6501)
62636 001 LEC, 12:20-15:20 W, Jackson Hall 2-137, 12:20-15:20 W, Jackson Hall 2-137, 8:00-11:00 W, Mayo Bldg & Additions 3-100, 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)
62638 001 FWK, 15:35-18:30 W, Moos Tower, Room 1-368, 15:35-18:30 W, Moos Tower, Room 1-368, 12:00-16:00 W, Moos Health Sci Tower 1-455, Partially Online; Diana Drake, Stephanie Delkoski ; 1 cr.
62900 012 FWK, Partially Online; Diana Drake ; 1 cr.

7005 Nurse Anesthesia Practicum B

(S-N only; Prereq: 7004)
62652 001 FWK, 12:20-16:25 M, Weaver-Densford Hall 6-108, 12:20-16:25 M, Weaver-Densford Hall 6-108, 12:20-16:25 M, Weaver-Densford Hall 6-108, 12:20-16:25 M, Weaver-Densford Hall 6-108, 8:00-16:25 M, Weaver-Densford Hall 6-194, In Person Term Based; Danilo Lovinaria ; 5 cr.

7100 Quality Improvement and Implementation Science in Health Care

(A-F only;)
62653 001 LEC, 8:00-11:00 T, Mayo Bldg & Additions 3-100, Partially Online; Deborah Ringdahl ; 3 cr.
62896 002 LEC, 8:00-11:00 T, Phillips-Wangenstn Bldg 2-470, Partially Online; Deborah Ringdahl, Mary Chesney ; 3 cr.
62902 003 LEC, 8:00-11:00 T, Weaver-Densford Hall W2-110, Partially Online; Melissa Saftner ; 3 cr.

7102 Scholarly Dissemination and Advanced Professional Engagement

(A-F only;)

62897 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;)
62654 001 LEC, Partially Online; Judith Pechacek ; 1-3 cr.
62687 002 FWK, 00:00-00:00 , ONLINE, Completely Online;
Melissa Avery ; 1-3 cr.
62688 003 FWK, 00:00-00:00 , ONLINE, Completely Online;
Barbara Beacham ; 1-3 cr.
62689 004 FWK, 00:00-00:00 , ONLINE, Completely Online;
Mary Benbenek ; 1-3 cr.
62690 005 FWK, 00:00-00:00 , ONLINE, Completely Online;
Donna Bliss ; 1-3 cr.
62691 006 FWK, 00:00-00:00 , ONLINE, Completely Online;
Mary Chesney ; 1-3 cr.
62692 007 FWK, 00:00-00:00 , ONLINE, Completely Online;
1-3 cr.
62693 008 FWK, 00:00-00:00 , ONLINE, Completely Online;
Sripriya Rajamani ; 1-3 cr.
62694 009 FWK, 00:00-00:00 , ONLINE, Completely Online;
Ann Hayden ; 1-3 cr.
62695 010 FWK, 00:00-00:00 , ONLINE, Completely Online;
Shanda Demorest ; 1-3 cr.
62696 011 FWK, 00:00-00:00 , ONLINE, Completely Online;
Rozina Bhimani ; 1-3 cr.
62697 012 FWK, 00:00-00:00 , ONLINE, Completely Online;
Diana Drake ; 1-3 cr.
62698 013 FWK, 00:00-00:00 , ONLINE, Completely Online;
1-3 cr.
62699 014 FWK, 00:00-00:00 , ONLINE, Completely Online;
Barbara Champlin ; 1-3 cr.
62700 015 FWK, 00:00-00:00 , ONLINE, Completely Online;
Mary Findorff ; 1-3 cr.
62701 016 FWK, 00:00-00:00 , ONLINE, Completely Online;
Cheri Friedrich ; 1-3 cr.
62702 017 FWK, 00:00-00:00 , ONLINE, Completely Online;
Jayne Fulkerson ; 1-3 cr.
62703 018 FWK, 00:00-00:00 , ONLINE, Completely Online;
Carolyn Porta ; 1-3 cr.
62704 019 FWK, 00:00-00:00 , ONLINE, Completely Online;
Cynthia Bradley ; 1-3 cr.
62705 020 FWK, 00:00-00:00 , ONLINE, Completely Online;
Niloufar Hadidi ; 1-3 cr.
62706 021 FWK, 00:00-00:00 , ONLINE, Completely Online;
Melissa Horning ; 1-3 cr.
62707 022 FWK, 00:00-00:00 , ONLINE, Completely Online;
Casey Hooke ; 1-3 cr.
62708 023 FWK, 00:00-00:00 , ONLINE, Completely Online;
Merrie Kaas ; 1-3 cr.
62709 024 FWK, 00:00-00:00 , ONLINE, Completely Online;
Carrie Neerland ; 1-3 cr.
62710 025 FWK, 00:00-00:00 , ONLINE, Completely Online;
MaryJo Kreitzer ; 1-3 cr.
62711 026 FWK, 00:00-00:00 , ONLINE, Completely Online;
Kathleen Krichbaum ; 1-3 cr.
62712 027 FWK, 00:00-00:00 , ONLINE, Completely Online;
Kim Moore ; 1-3 cr.
62713 028 FWK, 00:00-00:00 , ONLINE, Completely Online;
Sarah Hoffman ; 1-3 cr.
62714 029 FWK, 00:00-00:00 , ONLINE, Completely Online;
Dereck Salisbury ; 1-3 cr.
62715 030 FWK, 00:00-00:00 , ONLINE, Completely Online;
Ruth Lindquist ; 1-3 cr.
62716 031 FWK, 00:00-00:00 , ONLINE, Completely Online;
Wendy Looman ; 1-3 cr.
62717 032 FWK, 00:00-00:00 , ONLINE, Completely Online;
Danilo Lovinaria ; 1-3 cr.
62718 033 FWK, 00:00-00:00 , ONLINE, Completely Online;
Siobhan McMahon ; 1-3 cr.
62719 034 FWK, 00:00-00:00 , ONLINE, Completely Online;
Karen Monsen ; 1-3 cr.
62720 035 FWK, 00:00-00:00 , ONLINE, Completely Online;
Christine Mueller ; 1-3 cr.
62721 036 FWK, 00:00-00:00 , ONLINE, Completely Online;
Susan O'Conner-Von ; 1-3 cr.
62722 037 FWK, 00:00-00:00 , ONLINE, Completely Online;
Ryan Mays ; 1-3 cr.
62723 038 FWK, 00:00-00:00 , ONLINE, Completely Online;
Cynthia Peden-McAlpine ; 1-3 cr.
62724 039 FWK, 00:00-00:00 , ONLINE, Completely Online;
Daniel Pesut ; 1-3 cr.
62725 040 FWK, 00:00-00:00 , ONLINE, Completely Online;
Jeanne Pfeiffer ; 1-3 cr.
62726 041 FWK, 00:00-00:00 , ONLINE, Completely Online;
Samantha Sommermess ; 1-3 cr.
62727 042 FWK, 00:00-00:00 , ONLINE, Completely Online;
Teddie Potter ; 1-3 cr.
62728 043 FWK, 00:00-00:00 , ONLINE, Completely Online;
1-3 cr.
62729 044 FWK, 00:00-00:00 , ONLINE, Completely Online;
Deborah Ringdahl ; 1-3 cr.
62730 045 FWK, 00:00-00:00 , ONLINE, Completely Online;
Cheryl Robertson ; 1-3 cr.
62731 046 FWK, 00:00-00:00 , ONLINE, Completely Online;
Melissa Saffner ; 1-3 cr.

62732 047 FWK, 00:00-00:00 , ONLINE, Completely Online;
Erica Timko Olson ; 1-3 cr.
62733 048 FWK, 00:00-00:00 , ONLINE, Completely Online;
Renee Sieving ; 1-3 cr.
62734 049 FWK, 00:00-00:00 , ONLINE, Completely Online;
Mary Steffes ; 1-3 cr.
62735 050 FWK, 00:00-00:00 , ONLINE, Completely Online;
Kristine Talley ; 1-3 cr.
62736 051 FWK, 00:00-00:00 , ONLINE, Completely Online;
Diane Treat-Jacobson ; 1-3 cr.
62737 052 FWK, 00:00-00:00 , ONLINE, Completely Online;
Sheila Smith ; 1-3 cr.
62738 053 FWK, 00:00-00:00 , ONLINE, Completely Online;
Elena Geiger-Simpson ; 1-3 cr.
62739 054 FWK, 00:00-00:00 , ONLINE, Completely Online;
Jean Wyman ; 1-3 cr.
62851 055 FWK, 00:00-00:00 , ONLINE, Completely Online;
Fang Yu ; 1-3 cr.
62852 056 FWK, 00:00-00:00 , ONLINE, Completely Online;
Sharon McGill ; 1-3 cr.
62853 057 FWK, 00:00-00:00 , ONLINE, Completely Online;
Maria Ruud ; 1-3 cr.
62854 058 FWK, 00:00-00:00 , ONLINE, Completely Online;
Roxanne McMurray ; 1-3 cr.
62855 059 FWK, 00:00-00:00 , ONLINE, Completely Online;
Judith Pechacek ; 1-3 cr.
62856 060 FWK, Completely Online; Barbara Peterson ; 1-3
cr.
62857 061 FWK, Partially Online; Eunice Areba ; 1-3 cr.
62908 062 FWK, In Person Term Based; Jane Anderson ; 1-3
cr.
62909 063 FWK, In Person Term Based; Robin Austin ; 1-3
cr.
62910 064 FWK, In Person Term Based; Chih-Lin Chi ; 1-3
cr.
62911 065 FWK, In Person Term Based; Elaine Darst ; 1-3 cr.
62912 066 FWK, In Person Term Based; Connie Delaney ;
1-3 cr.
62913 067 FWK, In Person Term Based; Andra Fjone ; 1-3 cr.
62914 068 FWK, In Person Term Based; Carol Flaten ; 1-3 cr.
62915 069 FWK, In Person Term Based; Ann Garwick ; 1-3
cr.
62916 070 FWK, In Person Term Based; Nasra Giama ; 1-3
cr.
62917 071 FWK, In Person Term Based; Penny Kessler ; 1-3
cr.
62918 072 FWK, In Person Term Based; Laura Kirk ; 1-3 cr.
62919 073 FWK, In Person Term Based; Renee Kumpula ;
1-3 cr.
62920 074 FWK, In Person Term Based; Joan Liaschenko ;
1-3 cr.
62921 075 FWK, In Person Term Based; Anne McKechnie ;
1-3 cr.
62922 076 FWK, In Person Term Based; Barbara McMorris ;
1-3 cr.
62923 077 FWK, In Person Term Based; Sarah Wood ; 1-3
cr.
62924 078 FWK, In Person Term Based; Erica Schorr ; 1-3
cr.
62925 079 FWK, In Person Term Based; Eileen Weber ; 1-3
cr.
62926 080 FWK, In Person Term Based; Stephanie Delkoski ;
1-3 cr.
62927 081 FWK, In Person Term Based; Lisiane Pruinelli ;
1-3 cr.
62928 082 FWK, In Person Term Based; Mary Goering ; 1-3
cr.
62929 083 FWK, In Person Term Based; Mary Fran Tracy ;
1-3 cr.
62930 084 FWK, In Person Term Based; Martin Michalowski ;
1-3 cr.
68147 085 FWK, In Person Term Based; Raney Linck ; 1-3
cr.

7113 Clinical Decision Support: Theory

(A-F only; Prereq: 5115 or HINF 5430/5431 or instr consent)
62609 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)
62883 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)
62906 001 LEC, Completely Online; Lisiane Pruinelli, Robin Austin ; 3 cr.

7202 Moral and Ethical Positions and Actions in Nursing

(A-F or Audit;)
62606 001 LEC, 11:15-14:15 T, Mayo Bldg & Additions
3-100, Primarily Online; Eileen Weber ; 2 cr.

7213 Midwifery Clinical and Professional Integration

(S-N only; Prereq: Nurse midwifery DNP student in final semester, no incomplete cr, instr consent)
62641 001 FWK, 12:20-16:25 W, Moos Health Sci Tower
1-455, 12:20-16:25 W, Moos Tower, Room 1-317,
12:20-16:25 W, Diehl Hall Laboratories 535B, Primarily
Online; Melissa Avery ; 3 cr.
62939 012 FWK, In Person Term Based; Melissa Avery,
Melissa Saffner ; 3 cr.

7214 Integrative Health and Healing III

(A-F only; Prereq: 7211 or instr consent)
62658 001 LEC, 8:30-16:30 M, No Room Required,
8:30-16:30 W, No Room Required, Primarily Online;
MaryJo Kreitzer ; 1 cr.

7215 Integrative Health and Healing Practicum III

(S-N only; Prereq: 7212 or instr consent)
62659 001 FWK, 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)
62640 001 FWK, 9:05-12:05 W, Moos Tower, Room 1-368,
9:05-12:05 W, Moos Tower, Room 1-368, 15:35-18:30 Th,
Weaver-Densford Hall 6-108, 9:05-12:05 W, Moos Tower,
Room 1-368, Primarily Online; Maria Ruud ; 2 cr.

7400 Health Policy Leadership

(A-F or Audit; Prereq: Admission to DNP program)
62613 001 LEC, 14:30-17:30 T, Weaver-Densford Hall
W2-110, Primarily Online; Mary Chesney ; 3 cr.
62903 002 LEC, 8:00-11:00 F, Weaver-Densford Hall 4-130,
Primarily Online; 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)
62642 001 FWK, 8:00-9:55 W, Moos Health Sci Tower
2-116, 10:10-12:05 W, No Room Required, 9:05-12:05
W, Weaver-Densford Hall 4-126, 13:25-15:20 W, Weaver-
Densford Hall 6-194, 9:05-11:00 W, Moos Health Sci
Tower 2-116, Partially Online; Sheila Smith, Veronica
Carson ; 2 cr.
62874 002 FWK, 9:05-11:00 W, Moos Health Sci Tower
1-440, 9:05-11:00 W, Moos Health Sci Tower 1-440,
9:05-11:00 W, Moos Tower, Room 1-368, In Person Term
Based; Niloufar Hadidi ; 2 cr.
68023 006 FWK, In Person Term Based; Sheila Smith ; 2 cr.

7503 Reproductive Health Care of Women Practicum for Family Nurse Practitioners

(S-N only; Prereq: 5200)
62637 001 FWK, 8:00-10:00 W, Moos Health Sci
Tower 1-435, 11:15-13:10 W, Moos Health Sci Tower
1-435, 11:15-12:20 W, Moos Health Sci Tower 1-435,
11:15-13:10 W, Moos Health Sci Tower 1-435, In Person
Term Based; Maria Ruud, Ann Hayden, Sarah Wood ; 1 cr.
62941 012 FWK, In Person Term Based; Mary Benbenek ; 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))
62639 001 FWK, 8:00-10:00 W, Moos Health Sci Tower
2-116, 13:00-16:25 W, Weaver-Densford Hall 4-130,
10:00-12:00 W, Weaver-Densford Hall 4-120, 12:20-16:25
W, Weaver-Densford Hall 4-130, 14:30-16:25 W, Moos
Health Sci Tower 2-116, 12:20-15:20 W, No Room
Required, 14:30-16:25 W, Moos Health Sci Tower 2-116,
13:25-16:25 W, Mayo Bldg & Additions 1250, 14:30-16:25
W, Moos Health Sci Tower 2-116, In Person Term Based;
Sarah Wood, Mary Benbenek, Kim Moore, Ann Hayden ;
1-2 cr.
62643 002 FWK, 8:00-10:00 W, Weaver-Densford Hall
4-120, 14:30-16:25 W, No Room Required, 13:00-14:30
W, Moos Health Sci Tower 2-116, 10:00-12:00 W,
Moos Tower, Room 1-317, 8:00-16:25 F, No Room
Required, 12:20-16:25 W, No Room Required, 8:00-
9:55 Th, Weaver-Densford Hall 6-194, 15:35-17:30 Th,
Moos Health Sci Tower 1-108, 13:25-16:25 W, No Room
Required, 10:10-12:05 W, Moos Health Sci Tower 1-108,
Primarily Online; Sheila Smith, Veronica Carson ; 1-2 cr.

62644 003 FWK, 13:25-15:20 W, Moos Tower, Room 1-368, 13:25-15:20 W, Moos Tower, Room 1-368, 13:25-15:20 W, Moos Tower, Room 1-368, Primarily Online; Niloufar Hadidi ; 1-2 cr.
62932 006 FWK, In Person Term Based; Mary Benbenek ; 1-2 cr.
68022 013 FWK, In Person Term Based; Sheila Smith ; 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)

62657 001 FWK, 8:00- 9:55 W, Weaver-Densford Hall 6-194, 8:00- 9:00 W, Weaver-Densford Hall 6-194, 8:00- 9:55 W, Weaver-Densford Hall 6-194, In Person Term Based; Mary Benbenek, Ann Hayden, Kim Moore ; 1 cr.
62937 006 FWK, In Person Term Based; Mary Benbenek, Kim Moore, Ann Hayden ; 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)

62649 001 FWK, 10:10-12:05 W, Weaver-Densford Hall 6-194, 10:10-12:05 W, Mayo Bldg & Additions 3-100, 10:10-12:05 W, Weaver-Densford Hall 6-194, 9:05-12:05 W, Weaver-Densford Hall 4-120, 10:10-12:05 W, Weaver-Densford Hall 6-194, In Person Term Based; Ann Hayden, Kim Moore, Sarah Wood ; 1 cr.
62933 006 FWK, In Person Term Based; Ann Hayden, Kim Moore, Sarah Wood ; 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)
62876 001 LEC, 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; Donna Bliss, Renee Kumpula, Katherine Martin ; 2-4 cr.
62879 002 LEC, 8:00-11:00 T, Weaver-Densford Hall 4-130, In Person Term Based; Sripriya Rajamani ; 2-4 cr.
62880 003 LEC, 8:00-11:00 F, Weaver-Densford Hall W/2120, In Person Term Based; Erica Timko Olson ; 2-4 cr.
67578 004 LEC, 8:00-11:00 F, Mayo Bldg & Additions 3-100, In Person Term Based; Rozina Bhimani ; 2-4 cr.

7604 Executive Leadership Seminar: Boundary Spanning Leadership

(A-F only; Prereq: [6705, 6706] or instr consent)
62668 001 LEC, 9:05-11:00 W, Moos Health Sci Tower 1-108, Primarily Online; Teddie Potter ; 2 cr.

7605 Executive Leadership Practicum: Boundary Spanning Leadership

(S-N only; Prereq: [6704, 6706] or instr consent)
62669 001 FWK, Primarily Online; Judith Pechacek ; 1-2 cr.

7606 Relationship-Based Leadership and Management

(A-F only; Prereq: Grad student or instr consent)
62660 001 LEC, 13:25-16:25 W, Moos Health Sci Tower 2-116, Primarily Online; Teddie Potter ; 3 cr.

7608 Health Care Finance and Resource Management

(A-F or Audit; Prereq: Grad student or instr consent)
62871 001 LEC, 13:25-16:25 W, Weaver-Densford Hall 6-194, 13:25-16:25 Th, Weaver-Densford Hall 6-108, Partially Online; Judith Pechacek ; 3 cr.

7610 System Leadership and Innovation

(A-F only;)
62608 001 LEC, 11:15-14:15 T, Weaver-Densford Hall W/2-110, Primarily Online; Jeanne Pfeiffer ; 3 cr.
62904 002 LEC, 11:15-14:15 F, Moos Health Sci Tower 2-580, In Person Term Based; Kathleen Krichbaum ; 3 cr.

7612 Psychiatric/Mental Health Advanced Practice Nursing: Professional Seminar

(A-F only; Prereq: 6802, 6803)
62670 001 LEC, 9:05-12:05 T, Weaver-Densford Hall 6-194, 9:05-12:05 T, Weaver-Densford Hall 6-194, 9:05-12:05 T, Weaver-Densford Hall 6-194, 9:05-12:05 T, Weaver-Densford Hall 6-194, 8:00-10:50 T, Weaver-Densford Hall 6-194, Partially Online; Merrie Kaas ; 1 cr.

7613 Psychiatric/Mental Health Advanced Practice Nursing: Practicum V

(S-N only; Prereq: [6802, 6803] or instr consent)
62671 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, 11:00-11:55 T, Weaver-Densford Hall 6-194, Partially Online; Merrie Kaas, Barbara Peterson ; 2 cr.

7900 Scholarly Teaching and Learning in Nursing

(A-F only;)
62655 001 LEC, 14:30-17:30 T, Mayo Bldg & Additions 3-125, 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)
62650 001 FWK, 10:10-12:05 W, Moos Health Sci Tower 1-108, 10:10-12:05 W, Moos Health Sci Tower 1-108, 10:10-12:05 W, Moos Health Sci Tower 1-108, 10:10-12:05 W, Moos Health Sci Tower 1-108, 10:10-12:05 W, Moos Health Sci Tower 1-108, 10:10-12:05 W, Moos Health Sci Tower 1-108, 10:10-12:05 W, Moos Health Sci Tower 1-108, In Person Term Based; Andra Fjone ; 2 cr.
68024 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)
62661 001 LEC, 8:00- 9:55 W, Moos Health Sci Tower 1-108, 8:00- 9:55 W, Moos Health Sci Tower 1-108, 8:00- 9:55 W, Moos Health Sci Tower 1-108, 8:00- 9:55 W, Moos Health Sci Tower 1-108, 8:00- 9:55 W, Moos Health Sci Tower 1-108, 8:00- 9:55 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)
62662 001 FWK, 13:25-15:20 W, Weaver-Densford Hall 6-194, 13:25-15:20 W, Weaver-Densford Hall 6-194, 13:25-15:20 W, Weaver-Densford Hall 6-194, 13:25-15:20 W, Weaver-Densford Hall 6-194, 13:25-15:20 W, Weaver-Densford Hall 6-194, 13:25-15:20 W, Weaver-Densford Hall 6-194, In Person Term Based; Wendy Looman ; 1 cr.

8134 Interventions and Outcomes Research

(A-F or Audit; Prereq: 8121, PhD student, instr consent)
62575 001 LEC, 13:25-16:25 W, Moos Health Sci Tower 1-108, In Person Term Based; Kristine Talley ; 3 cr.

8152 Scholarship in Health Care Ethics

(A-F only; Prereq: Doctoral student or instr consent)
62681 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)
62548 001 LEC, 13:25-16:25 Th, Weaver-Densford Hall 6-194, 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)
62551 001 FWK, 00:00-00:00 Th, , In Person Term Based; 2 cr.
62552 002 FWK, In Person Term Based; Cynthia Peden-McAlpine ; 2 cr.

8185 Qualitative Data Analysis for Health Care Research

(Student Option; Prereq: 8171 or grad course in qualitative research methods)

62907 001 LEC, 9:05-12:05 W, Moos Health Sci Tower 1-460, 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)

62574 001 LEC, 10:10-12:05 Th, Weaver-Densford Hall 6-194, In Person Term Based; Jean Wyman, Erica Schorr ; 2 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
68629 001 IND, In Person Term Based; Alicia George ; 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)
68630 001 IND, In Person Term Based; Alicia George ; 1-6 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
62557 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)

56590 001 LEC, 9:35-10:25 MWF, Ruttan Hall B25, In Person Term Based; Dan Gallaher ; 3 cr.

5626 Nutritional Physiology

(A-F or Audit; Prereq: NUTR 5625)
56665 001 LEC, 8:45-10:00 TTh, Ruttan Hall B25, 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])
56742 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)
56381 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
56385 001 IND, In Person Term Based; 1 cr.

8620 Advances in Nutrition

(Student Option;)
56601 001 DIS, 10:40-12:35 W, Ruttan Hall B36, 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)
56387 001 IND, In Person Term Based; 1-6 cr.

8695 Independent Study: Nutrition

(Student Option; Prereq: instr consent)
56636 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])
56386 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)
56388 001 IND, In Person Term Based; 1-24 cr.

Obstetrics and Gynecology (OBST)

7500 Obstetrics, Gynecology and Women's Health Clerkship

(H-N only;)

61518 001 ROT, In Person Term Based; 4 cr.
 62340 002 ROT, In Person Term Based; 4 cr.
 62341 003 ROT, In Person Term Based; 4 cr.
 62342 004 ROT, In Person Term Based; 4 cr.

7530 Advanced Ob/Gyn: Gynecologic Oncology

(H-N only;)

62139 001 ROT, In Person Term Based; 4 cr.
 62343 002 ROT, In Person Term Based; 4 cr.
 62344 003 ROT, In Person Term Based; 4 cr.
 62345 004 ROT, In Person Term Based; 4 cr.

7541 Advanced Ob/Gyn: Maternal-Fetal Medicine

(H-N only;)

62140 001 ROT, In Person Term Based; 4 cr.
 62346 002 ROT, In Person Term Based; 4 cr.
 62347 003 ROT, In Person Term Based; 4 cr.
 62348 004 ROT, In Person Term Based; 4 cr.

7542 Advanced OB/Gyn: Urogynecology

(H-N only;)

68433 001 ROT, 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.

7550 Reproductive Health

(P-N only;)

61980 011 ROT, In Person Term Based; 2 cr.
 62349 022 ROT, In Person Term Based; 2 cr.
 62350 031 ROT, In Person Term Based; 2 cr.

7560 Research in Obstetrics and Gynecology

(H-N only;)

61689 017 IND, 00:00-00:00 , , In Person Term Based; 4-8 cr.

8224 Gynecological Endocrinology I

(Student Option; Prereq: prereq 8223)

61551 001 LEC, 00:00-00:00 , , In Person Term Based; Linda Carson ; 1-15 cr.

8225 Gynecological Endocrinology II

(Student Option; Prereq: prereq 8224)

61552 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)

61553 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)

61554 001 LEC, 00:00-00:00 , , In Person Term Based; Linda Carson ; 1-15 cr.

8240 Human Gametes and Fertilization

(Student Option;)

61555 001 LEC, 00:00-00:00 , , In Person Term Based; Linda Carson ; 3 cr.

8241 Human Gametes and Fertilization

Laboratory

(Student Option;)

61556 001 LEC, 00:00-00:00 , , In Person Term Based; Linda Carson ; 2 cr.

8243 Topics in Family Planning

(Student Option;)

61557 001 LEC, 00:00-00:00 , , In Person Term Based; Linda Carson ; 2-8 cr.

Occupational Therapy (OT)**1003 Introduction to Occupational Therapy**

(A-F only;)

49144 D10 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Cindy Jacobs ; 1 cr.
 49145 E10 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Cindy Jacobs ; 1 cr.
 49157 B10 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Cindy Jacobs ; 1 cr.
 49158 C10 LEC, 00:00-00:00 , , Online & Distance Lrng (ODL); Cindy Jacobs ; 1 cr.

49236 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)

49143 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)

49192 001 IND, Primarily Online; 0.5 cr.
 49193 002 IND, Primarily Online; Michael Potegal, Terrienne Jones ; 0.5 cr.

6201 Functional Anatomy and Kinesiology

(A-F only; Prereq: OT student or instr consent)

49182 001 LEC, Primarily Online; Corey McGee ; 3 cr.
 49183 002 LEC, Primarily Online; Corey McGee ; 3 cr.

6202 Occupational Therapy Process for Individuals: Occupation Through Compensation

(A-F only; Prereq: Registered OT student or instr consent)

49184 001 LEC, Primarily Online; Leann Shore ; 5 cr.
 49185 002 LEC, Primarily Online; Leann Shore ; 5 cr.

6203 Occupational Therapy Process for Family

(A-F only; Prereq: OT student or instr consent)

49186 001 IND, Completely Online; Patricia Schaber ; 2 cr.
 49187 002 IND, Completely Online; Patricia Schaber ; 2 cr.

6213 Occupational Therapy Process for Individuals: Medical Contexts

(A-F only; Prereq: OT student or instr consent)

49188 001 LEC, Primarily Online; Scott Miller ; 2 cr.
 49189 002 LEC, Primarily Online; Scott Miller ; 2 cr.

7201 Scholarly Inquiry in Health Sciences

(A-F only; Prereq: OT student or instr consent)

49190 001 LEC, Primarily Online; Erica Stern, Michael Potegal ; 4 cr.
 49191 002 LEC, Primarily Online; Erica Stern, Michael Potegal ; 4 cr.

7596 Occupational Therapy Level II Fieldwork I

(S-N only; Prereq: Registered OT student or instr consent)

49195 001 FWK, In Person Term Based; Terrienne Jones ; 6 cr.
 49196 002 FWK, In Person Term Based; Terrienne Jones ; 6 cr.

7696 Occupational Therapy Level II Fieldwork II

(S-N only; Prereq: Registered OT student or instr consent)

49198 001 FWK, In Person Term Based; Terrienne Jones ; 6 cr.
 49199 002 FWK, In Person Term Based; Terrienne Jones ; 6 cr.

7796 Occupational Therapy Level II Fieldwork III: Optional

(S-N only; Prereq: Registered OT student or instr consent)

49200 001 FWK, In Person Term Based; Terrienne Jones ; 1-6 cr.
 49201 002 FWK, In Person Term Based; Terrienne Jones ; 1-6 cr.

Off-Campus Study (OCS)**3550 NSE: National Student Exchange Plan B**

(S-N only; Prereq: dept consent)

63851 001 DIS, In Person Term Based; 0-20 cr.

Office of Undergrad Education (OUE)**2001 Academic Planning and Exploration**

(A-F only;)

63932 002 IND, 15:35-17:30 W, Bruininks Hall 518, 15:35-17:30 W, Bruininks Hall 518, Primarily Online; Aya Maruyama ; 1 cr.
 63933 003 IND, 10:10-12:05 F, Bruininks Hall 518, 10:10-12:05 F, Bruininks Hall 518, Primarily Online; Susan LeBlanc ; 1 cr.
 63934 004 IND, 12:20-14:15 F, Bruininks Hall 518, 12:20-14:15 F, Bruininks Hall 518, Primarily Online; Kai Takatsuka ; 1 cr.
 63935 006 IND, 15:35-17:30 W, Bruininks Hall 518, 15:35-17:30 W, Bruininks Hall 518, Primarily Online; Hannah Boldt ; 1 cr.
 63936 007 IND, 10:10-12:05 F, Bruininks Hall 518, 10:10-12:05 F, Bruininks Hall 518, Primarily Online; Susan LeBlanc ; 1 cr.
 67778 008 IND, 12:20-14:15 F, Bruininks Hall 518, 12:20-14:15 F, Bruininks Hall 518, In Person Term Based; Lucy Reile ; 1 cr.

3050 Introduction to Peer Education

(Student Option;)

68660 001 LEC, 15:35-16:25 Th, Folwell Hall 118, In Person Term Based; Jacqueline Olsson, Brett Grey ; 1 cr.

3310 Leadership Development for University Student Leaders

(S-N only;)

67934 001 LEC, 15:30-19:30 W, Room TBA, In Person Term Based; Evan Witt ; 3 cr.

Ojibwe (OJIB)**1102 Beginning Ojibwe II**

(Student Option; Prereq: 1101)

53822 001 LEC, 15:35-16:25 MTWThF, Peik Hall 165, In Person Term Based; Meets With: 001 OJIB 4102; Zoe Brown ; 5 cr.
 68525 302 LEC, 15:35-16:25 MTWThF, ONLINE, Completely Online; Zoe Brown ; 5 cr.

3104 Intermediate Ojibwe II

(Student Option; Prereq: 1102, 1102.3103)

53823 001 LEC, 14:30-15:20 MTWThF, Peik Hall 165, In Person Term Based; Meets With: 001 OJIB 4104; Zoe Brown ; 5 cr.
 68524 302 LEC, 14:30-15:20 MTWThF, ONLINE, Completely Online; Zoe Brown ; 5 cr.

4102 Beginning Ojibwe II

(Student Option; Prereq: community member, see department for permission to enroll.)

55365 001 LEC, 15:35-16:25 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.)

55366 001 LEC, 14:30-15:20 MTWThF, Peik Hall 165, In Person Term Based; Meets With: 001 OJIB 3104; Zoe Brown ; 3 cr.

5109 Advanced Ojibwe Language II

(A-F or Audit;)

53815 001 LEC, 14:30-15:20 MWF, Nicholson Hall 355, In Person Term Based; Brendan Fairbanks ; 3 cr.

5204W Ojibwe Mastery II

(A-F or Audit; WI)

55067 001 LEC, 15:35-16:25 MWF, Folwell Hall 118, In Person Term Based; Brendan Fairbanks ; 3 cr.

Ophthalmology (OPH)**5701 Orthoptics III**

(S-N only;)

61935 001 FWK, In Person Term Based; 5 cr.

7180 Externship in Ophthalmology

(H-N only;)

61519 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
 62352 002 ROT, In Person Term Based; 4 cr.

7181 Neuro-ophthalmology

(H-N only;)

67030 001 ROT, In Person Term Based; Collin McClelland ; 4 cr.
 67031 004 ROT, In Person Term Based; Collin McClelland ; 4 cr.
 68437 002 ROT, In Person Term Based; 4 cr.
 68438 003 ROT, In Person Term Based; 4 cr.

7190 Ophthalmology Research(H-N only;)
61990 099 IND, In Person Term Based; 4-8 cr.**7910 Ophthalmology Medical Residency**(No Grade Associated;)
68771 001 FWK, In Person Term Based; 6 cr.**Oral Biology (OBIO)****5030 Virology Research Presentations**(S-N only;)
68835 001 DIS, 12:20-13:10 W, AHC ROOM TBA, In Person Term Based; Louis Mansky ; 1 cr.**5050 Evolution of Emerging Viruses**(A-F or Audit;)
68836 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.)
57041 001 LEC, 10:10-12:05 Th, Moos Health Sci Tower 1-430, In Person Term Based; Kim Mansky ; 2 cr.**8024 Genetics and Human Disease**(Student Option; Prereq: Dental specialist or oral research trainee or instr consent)
57003 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.**8028 Molecular Basis of Cellular and Microbial Adhesion**(A-F or Audit; Prereq: Dental specialist or oral research trainee or instr consent)
57024 001 DIS, 00:00-00:00 , , In Person Term Based; Mark Herzberg ; 2 cr.**8030 Oral Biology Seminar**(S-N or Audit; Prereq: Dental specialist or oral research trainee or instr consent)
56926 001 LEC, 12:00-12:50 F, AHC ROOM TBA, In Person Term Based; Kim Mansky ; 1 cr.**8093 Tutorial in Oral Biology**(S-N only; Prereq: instr consent)
56968 001 IND, In Person Term Based; 1-2 cr.**8094 Directed Research**(S-N or Audit; Prereq: instr consent)
56969 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)
56946 001 IND, In Person Term Based; 1 cr.**8444 FTE: Doctoral**(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
56947 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)
56948 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])
56950 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)
56951 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.)
56900 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.)
56899 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)
56897 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)
56896 001 LEC, 13:25-15:30 Th, Moos Health Sci Tower 1-460, 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)
56898 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)
56904 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)
56903 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)
56901 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)
56902 001 FWK, 00:00-00:00 , , In Person Term Based; Pamela Hughes ; 0-6 cr.**Org Leadership, Policy & Dev (OLPD)****1302 Personal Leadership in the University (A-F only;)**51297 001 LEC, 14:30-15:45 MW, Wulling Hall 240, In Person Term Based; Tiago Bittencourt ; 3 cr.
51441 002 LEC, 9:45-11:00 TTh, Wulling Hall 240, In Person Term Based; Ian Slattery ; 3 cr.**1461 Presentations in Work Settings: Business & Marketing Education and Human Resource Development (A-F or Audit; CIV)**51745 001 LEC, 11:15-12:30 TTh, Wulling Hall 220, In Person Term Based; Heather Dorsey ; 3 cr.
51746 002 LEC, 13:00-14:15 TTh, Wulling Hall 240, In Person Term Based; Heather Dorsey ; 3 cr.
51747 003 LEC, 9:45-11:00 MW, Wulling Hall 220, In Person Term Based; Heather Dorsey ; 3 cr.**2811 Societies of the Future: Changing Work Contexts (A-F or Audit; TS)**51294 001 DIS, 9:45-11:00 MW, Bruininks Hall 512B, In Person Term Based; Gary Peter ; 3 cr.
51345 002 DIS, 13:00-14:15 TTh, Bruininks Hall 432, In Person Term Based; Meets With: 001 OLPD 2811H; Meg Fitzgerald-Sisk ; 3 cr.
51729 003 DIS, 9:45-11:00 MW, Blegen Hall 110, In Person Term Based; Jason Stahl ; 3 cr.
66975 004 DIS, 9:45-11:00 TTh, Blegen Hall 215, In Person Term Based; Jason Stahl ; 3 cr.

67526 005 DIS, 11:15-12:30 MW, Burton Hall 125, In Person Term Based; Gary Peter ; 3 cr.

2811H Societies of the Future: Changing Work Contexts, Honors(A-F only; Prereq: Honors student(TS))
51374 001 DIS, 13:00-14:15 TTh, Bruininks Hall 432, 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;)**51241 001 LEC, 16:40-19:20 M, Bruininks Hall 432, Partially Online; Daniel Woldeab ; 3 cr.
51272 002 LEC, 11:15-12:30 TTh, Bruininks Hall 512A, Partially Online; Rosemarie Park ; 3 cr.**3310 Special Topics for Undergraduates (Student Option;)**66760 001 LEC, 9:45-11:00 MW, Bruininks Hall 530B, In Person Term Based; 1-3 cr.
67527 004 LEC, 13:00-14:15 MW, Appleby Hall 128, In Person Term Based; Minjung Kim ; 1-3 cr.
67579 003 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;)**51298 001 LEC, 8:15- 9:30 MW, Bruininks Hall 131B, In Person Term Based; Meg Fitzgerald-Sisk ; 3 cr.
51440 002 LEC, 14:30-15:45 TTh, Bruininks Hall 131A, In Person Term Based; Meg Fitzgerald-Sisk ; 3 cr.
51638 003 LEC, 13:00-14:15 MW, Bruininks Hall 512B, 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 major(W))
51700 001 DIS, 9:05-11:00 WF, Nicholson Hall 355, In Person Term Based; Barbara Hodne ; 4 cr.
51701 002 DIS, 14:30-16:25 TTh, Appleby Hall 226, In Person Term Based; Barbara Hodne ; 4 cr.
67524 003 DIS, 9:05-11:00 TTh, Nicholson Hall 145, In Person Term Based; Gary Peter ; 4 cr.**3380 Developing Intercultural Competence (A-F or Audit;)**

51601 001 DIS, 14:30-15:45 MW, Burton Hall 125, In Person Term Based; Ting Huang ; 3 cr.

3401 Teaching Marketing Promotion (A-F or Audit;)51283 001 LEC, 11:15-12:30 TTh, Keller Hall 3-115, In Person Term Based; Sanghamitra Chaudhuri ; 3 cr.
51284 002 LEC, 13:00-14:15 TTh, Peik Hall 215, In Person Term Based; Sanghamitra Chaudhuri ; 3 cr.
51352 003 LEC, 16:40-19:20 W, Burton Hall 123, In Person Term Based; Sanghamitra Chaudhuri ; 3 cr.**3424 Sales Training (A-F or Audit;)**51278 001 LEC, 16:40-19:20 W, Blegen Hall 415, In Person Term Based; Wayne Mueller ; 3 cr.
51279 002 LEC, 11:15-12:30 MW, Peik Hall 375, In Person Term Based; Minjung Kim ; 3 cr.
51353 003 LEC, 13:00-14:15 TTh, Burton Hall 123, 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.)**51307 001 LEC, 11:15-13:10 W, Peik Hall 28, In Person Term Based; Kimberlie Mook ; 2 cr.
51731 002 LEC, 9:05-11:00 F, Burton Hall 120, In Person Term Based; Daniel Koza ; 2 cr.**3601 Introduction to Human Resource Development (A-F or Audit;)**

50858 001 LEC, 11:15-12:30 TTh, Bruininks Hall 432, In Person Term Based; Minjung Kim ; 3 cr.

3620 Introduction to Training and Development (A-F or Audit;)51044 001 LEC, 16:40-19:20 M, Bruininks Hall 420B, In Person Term Based; Stephanie Sisco ; 3 cr.
51271 002 LEC, 9:45-11:00 TTh, Peik Hall 375, In Person Term Based; Soebin Jang ; 3 cr.

8143 Research in Orthodontics

(A-F or Audit; Prereq: Orthodontic grad student)

56975 001 LEC, 00:00-00:00 , , In Person Term Based; 0-5 cr.

Orthopaedic Surgery (ORSU)**7180 Orthopaedics I**

(H-N or Audit;)

61520 005 FWK, In Person Term Based; 3-6 cr.
61521 006 FWK, In Person Term Based; 3-6 cr.**7185 Externship in Orthopaedic Surgery**

(H-N only;)

61985 001 ROT, In Person Term Based; 4-6 cr.
62353 002 ROT, In Person Term Based; 4-6 cr.
62354 003 ROT, In Person Term Based; 4-6 cr.
62355 004 ROT, In Person Term Based; 4-6 cr.**7186 Orthopaedic Surgery Research**

(H-N only;)

61986 099 IND, In Person Term Based; 6-12 cr.

7188 Pediatric Orthopaedics

(H-N only;)

61987 001 ROT, In Person Term Based; 4 cr.
62356 002 ROT, In Person Term Based; 4 cr.
62357 003 ROT, In Person Term Based; 4 cr.
62358 004 ROT, In Person Term Based; 4 cr.**7190 General, Reconstructive and Geriatric Orthopaedics**

(H-N only;)

61988 001 ROT, In Person Term Based; 4 cr.
62359 002 ROT, In Person Term Based; 4 cr.
62360 003 ROT, In Person Term Based; 4 cr.
62361 004 ROT, In Person Term Based; 4 cr.**7191 Orthopaedic Trauma Surgery**

(H-N only;)

62141 001 ROT, In Person Term Based; 4 cr.
62362 002 ROT, In Person Term Based; 4 cr.
62363 003 ROT, In Person Term Based; 4 cr.
62364 004 ROT, In Person Term Based; 4 cr.**7192 Primary Care Orthopaedics**

(H-N only;)

61989 001 ROT, In Person Term Based; 4 cr.
62365 002 ROT, In Person Term Based; 4 cr.
62366 003 ROT, In Person Term Based; 4 cr.
62367 004 ROT, In Person Term Based; 4 cr.**7200 Surgical Subspecialty Orthopaedics**

(P-N only;)

61690 011 ROT, In Person Term Based; 2 cr.
62368 012 ROT, In Person Term Based; 2 cr.
62369 021 ROT, In Person Term Based; 2 cr.
62370 022 ROT, In Person Term Based; 2 cr.
62371 031 ROT, In Person Term Based; 2 cr.
62372 032 ROT, In Person Term Based; 2 cr.
62373 041 ROT, In Person Term Based; 2 cr.
62374 042 ROT, In Person Term Based; 2 cr.**7550 Orthopaedic Surgery and Otolaryngology for the Primary Care Provider**

(H-N only;)

68439 001 ROT, 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.**Otolaryngology (OTOL)****5993 Directed Studies**

(Student Option; Prereq: instr consent)

61544 001 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.
61775 002 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.**7200 Introduction to Otolaryngology**

(P-N only;)

62375 012 ROT, In Person Term Based; 2 cr.
62376 021 ROT, In Person Term Based; 2 cr.
62377 022 ROT, In Person Term Based; 2 cr.
62378 031 ROT, In Person Term Based; 2 cr.
62379 032 ROT, In Person Term Based; 2 cr.
62380 041 ROT, In Person Term Based; 2 cr.
62381 042 ROT, In Person Term Based; 2 cr.**7501 Otolaryngology Acting Internship**

(H-N only;)

62382 002 ROT, In Person Term Based; 4 cr.
62383 003 ROT, In Person Term Based; 4 cr.
62384 004 ROT, In Person Term Based; 4 cr.**7550 Orthopaedic Surgery and Otolaryngology for the Primary Care Provider**

(H-N only;)

68443 001 ROT, In Person Term Based; 4 cr.
68444 002 ROT, In Person Term Based; 4 cr.
68445 003 ROT, In Person Term Based; 4 cr.
68446 004 ROT, In Person Term Based; 4 cr.**8444 FTE: Doctoral**

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

61583 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)

61592 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])

61605 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)

61617 001 IND, In Person Term Based; 1-24 cr.

Pathology (PATH)**7865 Departmental Seminar**

(H-N or Audit;)

61648 001 LEC, In Person Term Based; 1 cr.

Pediatric Dentistry (PDEN)**7000 Directed Research in Pediatric Dentistry**

(S-N or Audit;)

57009 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;)

56954 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;)

56936 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;)

56939 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;)

56952 001 DIS, 00:00-00:00 , , In Person Term Based;
Soraya Beiraghi, Ronald Grothe ; 2 cr.**8100 Hospital Pediatric Dentistry**

(S-N or Audit;)

56937 001 FWK, 00:00-00:00 , , In Person Term Based;
Ronald Grothe, Soraya Beiraghi ; 1 cr.
57014 003 FWK, 00:00-00:00 , , In Person Term Based;
Ronald Grothe ; 1 cr.**8110 Pediatric Dentistry Outreach**

Experiences

(S-N or Audit;)

56938 001 FWK, 00:00-00:00 , , In Person Term Based;
Ronald Grothe, Soraya Beiraghi ; 1 cr.**Pediatrics (PED)****7501 Pediatric Externship**

(H-N only;)

61660 001 ROT, In Person Term Based; 4 cr.
62385 002 ROT, In Person Term Based; 4 cr.
62386 003 ROT, In Person Term Based; 4 cr.
62387 004 ROT, In Person Term Based; 4 cr.**7512 Pediatric Acting Internship**

(H-N or Audit; Prereq: 7501)

61661 001 FWK, 00:00-00:00 , , In Person Term Based; 2-6 cr.

7533 Clinical Allergy at Fairview-University Medical Center

(H-N or Audit;)

61691 001 FWK, 00:00-00:00 , , In Person Term Based; 3-6 cr.

7534 Pediatric Cardiology

(H-N only;)

61655 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62388 002 ROT, In Person Term Based; 4 cr.
62389 003 ROT, In Person Term Based; 4 cr.
62390 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)

61662 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62391 002 ROT, In Person Term Based; 4 cr.
62392 003 ROT, In Person Term Based; 4 cr.
62393 004 ROT, In Person Term Based; 4 cr.**7536 Pediatric Hematology/Oncology/Bone Marrow Transplantation**

(H-N only;)

61663 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62394 002 ROT, In Person Term Based; 4 cr.
62395 003 ROT, In Person Term Based; 4 cr.
62396 004 ROT, In Person Term Based; 4 cr.**7537 Pediatric Endocrinology & Diabetes**

(H-N only;)

61656 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62397 002 ROT, In Person Term Based; 4 cr.
62398 003 ROT, In Person Term Based; 4 cr.
62399 004 ROT, In Person Term Based; 4 cr.**7538 Pediatric Gastroenterology and Nutrition**

(H-N only;)

61664 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62400 002 ROT, In Person Term Based; 4 cr.
62401 003 ROT, In Person Term Based; 4 cr.
62402 004 ROT, In Person Term Based; 4 cr.**7539 Neonatal Medicine Externship**

(H-N only;)

61688 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62403 002 ROT, In Person Term Based; 4 cr.
62404 003 ROT, In Person Term Based; 4 cr.
62405 004 ROT, In Person Term Based; 4 cr.**7540 Pediatric Neurology**

(H-N or Audit;)

61853 001 FWK, In Person Term Based; 4 cr.

7541 Children's Hospitals and Clinics of MN Pediatric ENT Elective

(P-N only;)

68447 011 ROT, In Person Term Based; 2 cr.
68448 021 ROT, In Person Term Based; 2 cr.
68449 031 ROT, In Person Term Based; 2 cr.
68450 041 ROT, In Person Term Based; 2 cr.**7542 Pediatric Palliative Medicine and Hospice**

(H-N only;)

68451 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.**7543 Pediatric Nephrology**

(H-N only;)

61665 011 ROT, 00:00-00:00 , , In Person Term Based; 2 cr.
62406 012 ROT, In Person Term Based; 2 cr.
62407 021 ROT, In Person Term Based; 2 cr.
62408 022 ROT, In Person Term Based; 2 cr.
62409 031 ROT, In Person Term Based; 2 cr.
62410 032 ROT, In Person Term Based; 2 cr.
62411 041 ROT, In Person Term Based; 2 cr.
62412 042 ROT, In Person Term Based; 2 cr.

7544 Pediatric Pulmonary Disease

(H-N only ;)
61673 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62413 002 ROT, In Person Term Based; 4 cr.
62414 003 ROT, In Person Term Based; 4 cr.
62415 004 ROT, In Person Term Based; 4 cr.

7545 General Pediatrics Outpatient Elective

(H-N only ;)
68455 001 ROT, In Person Term Based; 4 cr.
68456 002 ROT, In Person Term Based; ; 4 cr.
68457 003 ROT, In Person Term Based; ; 4 cr.
68458 004 ROT, In Person Term Based; ; 4 cr.

7547 Children's Hospitals and Clinics of MN Pediatric Sleep Medicine Elective

(P-N only ;)
68459 011 ROT, In Person Term Based; 2 cr.
68460 021 ROT, In Person Term Based; ; 2 cr.
68461 031 ROT, In Person Term Based; ; 2 cr.
68462 041 ROT, In Person Term Based; ; 2 cr.

7548 Clinical Genetics

(H-N only ;)
61666 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62416 002 ROT, In Person Term Based; 4 cr.
62417 003 ROT, In Person Term Based; 4 cr.
62418 004 ROT, In Person Term Based; 4 cr.

7550 Children's Hospitals and Clinics of MN Pediatric Ethics Elective

(H-N only ;)
68463 001 ROT, In Person Term Based; 4 cr.
68464 002 ROT, In Person Term Based; ; 4 cr.
68465 003 ROT, In Person Term Based; ; 4 cr.
68466 004 ROT, In Person Term Based; ; 4 cr.

7553 Adolescent Medicine

(H-N only ;)
61667 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62419 002 ROT, In Person Term Based; 4 cr.
62420 003 ROT, In Person Term Based; 4 cr.
62421 004 ROT, In Person Term Based; 4 cr.

7555 Neonatal Clerkship - Marshfield, WI

(H-N or Audit; Prereq: 7512,enrolled yr 4 med)

61854 001 ROT, In Person Term Based; 4 cr.

7556 Pediatric Clerkship - Marshfield, WI

(H-N or Audit; Prereq: 7501,enrolled yr 4 med)

61855 001 ROT, In Person Term Based; 4 cr.

7557 Children's Hospitals and Clinics of MN Pediatric/Adolescent Gynecology Elective

(H-N only ;)
68467 001 ROT, In Person Term Based; 4 cr.
68468 002 ROT, In Person Term Based; ; 4 cr.
68469 003 ROT, In Person Term Based; ; 4 cr.
68470 004 ROT, In Person Term Based; ; 4 cr.

7559 Pediatric Critical Care Medicine

(H-N only ;)
61668 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62422 002 ROT, In Person Term Based; 4 cr.
62423 003 ROT, In Person Term Based; 4 cr.

7560 Pediatric Research

(H-N only ;)
61568 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)
61726 001 FWK, In Person Term Based; 4 cr.

7700 Primary Care Selective - Pediatrics

(P-N only ;)
61963 001 ROT, In Person Term Based; Meets With: 001 MED 7700001 MED 7701002 FMCH 7700; 4 cr.
62424 002 ROT, In Person Term Based; 4 cr.
62425 003 ROT, In Person Term Based; 4 cr.
62426 004 ROT, In Person Term Based; 4 cr.

7800 Advanced Selective in Pediatrics

(H-N only ;)
68471 001 ROT, In Person Term Based; 4 cr.
68472 002 ROT, In Person Term Based; ; 4 cr.
68473 003 ROT, In Person Term Based; ; 4 cr.
68474 004 ROT, In Person Term Based; ; 4 cr.

Periodontics (PERO)**5123 Practice Management Externship**

(Student Option; Prereq: Resident in advanced education program in periodontology)
56953 001 LEC, 00:00-00:00 , , In Person Term Based; 1 cr.

7321 Periodontics/Orthodontics Seminar

(S-N only ;)
56967 001 LEC, 12:05-12:50 T, Moos Health Sci Tower 2-580, 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])
57001 001 LEC, 18:00-19:30 W, Moos Health Sci Tower 2-580, In Person Term Based; Massimo Costalunga ; 1 cr.

8000 Advanced Clinical Periodontology

(A-F or Audit; Prereq: Resident in advanced education program in periodontology)
56940 001 FWK, In Person Term Based; Massimo Costalunga ; 1-3 cr.

8200 Clinical Seminars

(Student Option; Prereq: Resident in advanced education program in periodontology)
56941 001 LEC, 12:00-12:50 M, Moos Health Sci Tower 2-580, In Person Term Based; Massimo Costalunga ; 1 cr.

8250 Anatomy of the Periodontium

(A-F or Audit; Prereq: Resident in advanced education program in periodontology)
56983 001 LEC, In Person Term Based; 1 cr.

Pharmaceutics (PHM)**8100 Seminar: Pharmaceutics**

(S-N or Audit; Prereq: Grad Phm major)
62957 001 LEC, 15:00-16:15 T, Moos Health Sci Tower 5-125, In Person Term Based; Meets With: 001 PHAR 6260; Timothy Wiedmann ; 1 cr.

8110 Readings in Pharmaceutics

(S-N or Audit; Prereq: Grad Phm major)
62959 001 LEC, 00:00-00:00 , , In Person Term Based; Timothy Wiedmann ; 1 cr.

8120 Readings in Central Nervous System (CNS) Drug Delivery

(S-N only; Prereq: instr consent)
68515 001 IND, In Person Term Based; Carolyn Fairbanks ; 1 cr.

8150 Pharmacokinetics Research Seminar

(S-N or Audit; Prereq: Grad Phm major)
62995 001 LEC, 16:00-18:00 Th, Weaver-Densford Hall 9-105, In Person Term Based; Meets With: 001 PHAR 6223; William Elmquist ; 1 cr.

8230 Physical Pharmacy Module II

(S-N only ;)
67256 001 LEC, In Person Term Based; Ronald Siegel, Timothy Wiedmann ; 1 cr.

8240 Biopharmaceutics Module

(S-N only ;)
67257 001 LEC, In Person Term Based; Jayanth Panyam, Timothy Wiedmann ; 1 cr.

8295 Research Problems in Pharmaceutics

(S-N or Audit; Prereq: instr consent)
62979 001 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
63035 001 IND, 00:00-00:00 , , In Person Term Based; 1 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)
63080 001 LEC, 15:00-17:00 WF, Mayo Bldg & Additions D199, 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)
62971 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)
62973 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])
63036 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)
62978 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)
61735 001 LEC, 13:25-15:20 W, Mayo Bldg & Additions 3-125, 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)
61932 001 LEC, 9:05-9:55 TTh, Moos Health Sci Tower 2-580, 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)
61902 001 LEC, 10:10-11:00 MW, Moos Health Sci Tower 2-580, 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])
61931 001 LAB, 13:25-16:50 Th, Jackson Hall 3-165, In Person Term Based; Daniel Romero ; 2 cr.
62514 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)
61903 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)
61904 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)
61564 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)
61565 001 IND, 00:00-00:00 , , In Person Term Based; Sundaram Ramakrishnan ; 1-18 cr.

5111 Pharmacogenomics

(A-F or Audit; Prereq: Grad student or instr consent)
61640 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)
61905 001 LEC, In Person Term Based; 2 cr.

8014 Small RNA Biology

(A-F or Audit; Prereq: BIOC 8002 or MICA 8004 or equiv or instr consent)
61897 001 LEC, In Person Term Based; Meets With: 001 NSC 8014; 2 cr.

8100 Laboratory Research in Pharmacology

(S-N only; Prereq: Grad student or instr consent)
61912 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)
61848 001 FWK, 8:00-11:30 T, No Room Required, In Person Term Based; Gavin Bart ; 1 cr.
61849 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])
61921 001 LEC, 9:00-12:00 T, Moos Health Sci Tower 1-435, In Person Term Based; Colin Campbell ; 5 cr.

8320 Readings in Neurobiology

(Student Option; Prereq: instr consent)
61823 001 DIS, 14:30-15:30 Th, No Room Required, In Person Term Based; Carolyn Fairbanks ; 1-4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
61574 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)
61584 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)
61593 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])
61606 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)
61618 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

Pharmacy (PHAR)**1001 Orientation to Pharmacy**

(Student Option;)
62955 001 IND, 00:00-00:00 , ONLINE, Completely Online; Kristyn Williamson ; 2 cr.

1002 Medical Terminology

(Student Option;)
62953 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;)
62992 001 IND, 00:00-00:00 , ONLINE, Completely Online; Anna Milone ; 2 cr.

1004 Common Prescription Drugs and Diseases

(Student Option;)
63001 001 IND, 00:00-00:00 , ONLINE, Completely Online; Kristyn Williamson ; 2 cr.

3206 Foundations of Health Literacy

(Student Option;)
63031 001 IND, 00:00-00:00 , ONLINE, Completely Online; Anna Milone, Jody Lounsbery ; 3 cr.

3700 Fundamentals of Pharmacotherapy

(A-F or Audit; Prereq: Medical terminology recommended)
63009 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)
62994 001 IND, 00:00-00:00 , ONLINE, Completely Online; Kristyn Williamson ; 3 cr.
63000 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)
63007 001 IND, 00:00-00:00 , ONLINE, Completely Online; Anna Milone ; 3 cr.

4294 Directed Study I for Undergraduates

(Student Option; Prereq: Undergrad, instr consent)
63039 001 IND, In Person Term Based; Reena Kartha ; 1-5 cr.

5200 Drugs and the US Health Care System

(Student Option;)
63005 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)
62954 001 IND, 00:00-00:00 , ONLINE, Completely Online; Jody Lounsbery ; 2 cr.

5700 Applied Fundamentals of

Pharmacotherapy
(A-F only; Prereq: Medical terminology recommended)
63006 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)
62967 001 LEC, 15:30-17:00 T, Moos Health Sci Tower 1-451, In Person Term Based; Meets With: 001 MEDC 8100; Daniel Harki ; 1 cr.

6160 CoP Honors: Experimental and Clinical Pharmacology Seminar

(A-F only; Prereq: instr consent)
63004 001 LEC, 12:20-13:10 W, Moos Health Sci Tower 1-450, 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)
63034 001 IND, Independent/Directed Study; Tom Larson ; 1-2 cr.

6219 Building a Pharmaceutical Care

Practice
(A-F only; Prereq: 2nd or 3rd year pharmacy student)
63003 001 LEC, 15:35-17:30 W, Weaver-Densford Hall W7-193, 15:35-17:30 W, Weaver-Densford Hall W7-193, 15:35-17:30 W, Weaver-Densford Hall W7-193, 15:35-17:30 W, Weaver-Densford Hall W7-193, 15:35-17:30 W, Weaver-Densford Hall W7-193, 15:35-17:30 W, Weaver-Densford Hall W7-193, 15:35-17:30 W, Weaver-Densford Hall W7-193, In Person Term Based; Keri Hager, Amanda Brummel ; 2 cr.

6220 Pediatric Drug Therapy

(A-F only;)
62968 001 LEC, 8:00- 9:55 T, Moos Health Sci Tower 1-450, In Person Term Based; Jacob Brown, Paul Jensen ; 2 cr.

6222 Advanced Pharmaceutical Compounding

(A-F only; Prereq: 2nd or 3rd year pharmacy student)
62962 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)
62990 001 LEC, 16:00-18:00 Th, Weaver-Densford Hall 9-105, In Person Term Based; Meets With: 001 PHM 8150; William Elmquist ; 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)
63017 001 LEC, 13:25-15:20 T, Moos Health Sci Tower 1-450, In Person Term Based; Pamala Jacobson ; 2 cr.

6226 Interprofessional Diabetes Experience

(A-F only; Prereq: 2nd year or later pharmacy student)
63032 001 LEC, 15:35-17:30 M, Weaver-Densford Hall 7-135, In Person Term Based; Meets With: 001 NURS 5011; Sarah Westberg, Jeanne Pfeiffer ; 2 cr.

6232 Health System Pharmacy Management

(A-F only; Prereq: 2nd or 3rd yr pharmacy student)
62997 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)
62965 001 LEC, 15:35-17:00 Th, Weaver-Densford Hall W7-193, In Person Term Based; Meets With: 001 SAPH 8100; Jon Schommer ; 1 cr.

6260 CoP Honors: Pharmaceuticals Seminar

(A-F or Audit; Prereq: instr consent)
62960 001 LEC, 15:00-16:15 T, Moos Health Sci Tower 5-125, In Person Term Based; Meets With: 001 PHM 8100; Timothy Wiedmann ; 1 cr.

6301 Veterinary Pharmacotherapy

(A-F only; Prereq: 3rd year pharmacy student)
63030 001 LEC, Completely Online; Ann Philbrick ; 2 cr.

6394 Directed Study II

(A-F or Audit;)
63081 001 IND, Independent/Directed Study; Oliehe Okoro ; 1-5 cr.
63086 002 IND, In Person Term Based; Caitlin Frail ; 1-5 cr.
63087 003 IND, In Person Term Based; Randall Seifert ; 1-5 cr.
63090 005 IND, In Person Term Based; Randall Seifert ; 1-5 cr.

6701 CoP Community Outreach

(No Grade Associated;)
63076 001 FWK, In Person Term Based; Tom Larson, Tim Stratton ; 0 cr.

6715 Professional Development and Assessment Sequence I

(A-F only; Prereq: Successful completion of Becoming a Pharmacist)
63037 001 DIS, 8:00-12:05 T, Weaver-Densford Hall 7-135, 13:25-16:30 T, Weaver-Densford Hall 7-135, 8:00-12:05 W, Weaver-Densford Hall 7-135, 13:25-16:30 W, Weaver-Densford Hall 7-135, 8:00-12:05 W, Weaver-Densford Hall 7-135, 13:25-16:30 W, Weaver-Densford Hall 7-135, 8:00-12:05 Th, Weaver-Densford Hall 7-135, 13:25-16:30 Th, Weaver-Densford Hall 7-135, In Person Term Based; Randall Seifert, Caroline Gaitner, Gardner Lepp, ; 1 cr.

6716 Applied Pharmaceutical Care

(A-F only; Prereq: Successful completion of Becoming a Pharmacist)
63040 001 DIS, 10:10-12:05 M, Weaver-Densford Hall 7-135, 10:10-12:05 W, Moos Health Sci Tower 1-451, 9:05- 9:55 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, 10:10-12:05 W, Moos Health Sci Tower 1-451, 9:05- 9:55 F, Weaver-Densford Hall 7-135, In Person Term Based; Laura Palombi, Tom Larson, ; 3.2 cr.

6718 Drug Delivery II

(A-F only; Prereq: Successful completion of Drug Delivery I)
63041 001 LEC, 9:05- 9:55 M, Weaver-Densford Hall 7-135, 9:05- 9:55 W, Moos Health Sci Tower 1-451, 10:10-11:00 F, Weaver-Densford Hall 7-135, 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 W, Moos Health Sci Tower 1-451, 10:10-11:00 F, Weaver-Densford Hall 7-135, In Person Term Based; Raj Suryanarayanan, Joseph Johnson, ; 2.4 cr.

6720 Pharmaceutical Care Skills Lab II

(S-N only; Prereq: Successful completion of Pharmaceutical Care Skills Lab I)
63042 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; Karen Bastianelli, Jennifer Chen, ; 2 cr.
63043 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; Jennifer Chen, Karen Bastianelli, ; 2 cr.
63044 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.

63045 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; Jennifer Chen, Karen Bastianelli, ; 2 cr.
63046 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.

6722 Principles of Medicinal Chemistry (A-F only; Prereq: Successful completion of Integrated Biochemical Sciences)

63047 001 LEC, 10:10-11:00 T, Weaver-Densford Hall 7-135, 14:30-15:20 W, Moos Health Sci Tower 1-451, 13:25-14:15 F, Moos Health Sci Tower 1-451, 10:10-11:00 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, 14:30-15:20 W, Moos Health Sci Tower 1-451, 13:25-14:15 F, Moos Health Sci Tower 1-451, In Person Term Based; Rodney Johnson, Venkatram Mereddy, ; 2.1 cr.

6724 Immune System and Infectious Disease

(A-F only; Prereq: Successful completion of Integrated Biochemical Sciences)
63048 001 LEC, 13:25-14:15 M, Moos Health Sci Tower 1-451, 13:25-14:15 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, 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, 13:25-14:15 W, Moos Health Sci Tower 1-451, 11:15-12:05 F, Weaver-Densford Hall 7-135, In Person Term Based; Grant Anderson, Carston Wagner, ; 3.1 cr.

6726 Principles of Pharmacology

(A-F only; Prereq: Successful completion of Foundations of SAPH)
63049 001 LEC, 11:15-12:05 T, Weaver-Densford Hall 7-135, 15:35-16:25 W, Moos Health Sci Tower 1-451, 14:30-15:20 F, Moos Health Sci Tower 1-451, 11:15-12:05 T, Weaver-Densford Hall 7-135, 15:35-16:25 W, Moos Health Sci Tower 1-451, 15:35-16:25 W, Moos Health Sci Tower 1-451, 15:35-16:25 W, Moos Health Sci Tower 1-451, 14:30-15:20 F, Moos Health Sci Tower 1-451, In Person Term Based; Venkatram Mereddy, Esam El-Fakahany, ; 2.3 cr.

6745 Professional Development and Assessment III

(A-F only; Prereq: Successful completion of Professional Development and Assessment I concurrent registration is required (or allowed) in II)
63055 001 LEC, 8:00-12:05 W, Weaver-Densford Hall 7-135, 13:25-16:30 W, Weaver-Densford Hall 7-135, 8:00-12:05 Th, Weaver-Densford Hall 7-135, 13:25-16:30 Th, Weaver-Densford Hall 7-135, 8:00-9:55 M, Moos Health Sci Tower 1-451, In Person Term Based; Randall Seifert, Gardner Lepp, Caroline Gaither, ; 0.5 cr.

6748 Biopharmaceutics

(A-F only; Prereq: Courses and/or content: Calculus, thermodynamics, viscosity, sedimentation, diffusion, chemical kinetics, novice to developing level understanding of dosage forms, developing understanding of pharmacokinetics/ pharmacodynamics, physiology, general chemistry, physics, biochemistry, enzyme kinetics, and metabolic pathways. It is strongly recommended that students review course materials in Drug Delivery I concurrent registration is required (or allowed) in II and Pharmacokinetics as well as anatomy, physiology, calculus, and physics with consideration of the application of the concepts to the delivery of drugs to patients.)
63056 001 LEC, 11:15-12:05 M, Moos Health Sci Tower 1-450, 11:15-12:05 W, Moos Health Sci Tower 1-450, 11:15-12:05 F, Moos Health Sci Tower 1-451, 11:15-12:05 W, Moos Health Sci Tower 1-450, 11:15-12:05 W, Moos Health Sci Tower 1-450, 11:15-12:05 W, Moos Health Sci Tower 1-450, 11:15-12:05 W, Moos Health Sci Tower 1-450, 11:15-12:05 F, Moos Health Sci Tower 1-451, In Person Term Based; Jayanth Panyam, David Stenehjelm, ; 2.6 cr.

6750 Pharmaceutical Care Skills Lab IV

(S-N only; Prereq: Students must have successfully completed Pharm Care Skills 1, 2, and 3, and Applied Pharmaceutical Care. Students must be concomitantly registered in all required PD2 courses in order to have the content required to complete integrated activities, e.g., students must be enrolled in Diabetes in order to successfully complete the patient care sequence utilizing diabetes content in this course. Exceptions may be made on a case by case basis.)

63064 001 DIS, 10:10-12:05 Th, Weaver-Densford Hall 7-135, 10:10-12:05 Th, Weaver-Densford Hall 7-135, 10:10-12:05 Th, Moos Health Sci Tower 1-451, 10:10-12:05 Th, Weaver-Densford Hall 7-135, In Person Term Based; Jared Van Hooser, Nichole Rupnow, ; 2 cr.
63065 002 LAB, 8:00-9:55 T, Weaver-Densford Hall 3-150, In Person Term Based; Nichole Rupnow, Jared Van Hooser, ; 2 cr.
63066 003 LAB, 10:10-12:05 T, Weaver-Densford Hall 3-150, In Person Term Based; Jared Van Hooser, Nichole Rupnow, ; 2 cr.
63067 004 LAB, 13:25-15:20 T, Weaver-Densford Hall 3-150, In Person Term Based; Nichole Rupnow, Jared Van Hooser, ; 2 cr.
63068 005 LAB, 15:35-17:30 T, Weaver-Densford Hall 3-150, In Person Term Based; Jared Van Hooser, Nichole Rupnow, ; 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.)
63057 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, Moos Health Sci Tower 1-451, 8:00-9:55 W, Weaver-Densford Hall 7-135, 8:00-9:55 Th, Weaver-Densford Hall 7-135, 8:00-9:55 W, Moos Health Sci Tower 1-451, 8:00-9:55 Th, Moos Health Sci Tower 1-451, 8:00-9:55 W, 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 most appropriate pharmacotherapy treatment options for a patient's hypertension and dyslipidemia treatments, including ability to describe, interpret and apply evidence-based guidelines. Students should be able to describe how nutrition impacts energy production, utilization and storage, and obesity. Students need to be able to describe the caloric content of carbohydrates, proteins and lipids and be able to apply that knowledge to reading food labels and evaluating a patient's nutritional status.)
63058 001 LEC, 10:10-12:05 M, Moos Health Sci Tower 1-451, 13:25-15:20 W, Moos Health Sci Tower 1-450, 13:25-15:20 Th, Weaver-Densford Hall 7-135, 13:25-15:20 W, Moos Health Sci Tower 1-450, 13:25-15:20 W, Moos Health Sci Tower 1-450, 13:25-15:20 Th, Weaver-Densford Hall 7-135, In Person Term Based; Kylee Funk, Sarah Schweiss, ; 2.1 cr.

6756 Kidney, Fluid, and Electrolytes

(A-F only; Prereq: Students must have completed the following courses successfully: - Applied Pharmaceutical Care, - Foundations of Social and Administrative Pharmacy, - Medicinal Chemistry and Pharmacology of Cardiovascular Agents, - Pharmacokinetics, - Cardiovascular Pharmacotherapy, - Cellular Metabolism and Nutrition See the course syllabus for more detailed prerequisites.)
63059 001 LEC, 13:25-15:20 M, Weaver-Densford Hall 7-135, 10:10-12:05 W, Weaver-Densford Hall 7-135, 10:10-12:05 W, Moos Health Sci Tower 1-451, 10:10-12:05 W, Weaver-Densford Hall 7-135, 10:10-12:05 W, Moos Health Sci Tower 1-451, 10:10-12:05 W, Weaver-Densford Hall 7-135, In Person Term Based; Wendy St Peter, Heather Muster, ; 2.1 cr.

6758 Pulmonary Pharmacotherapy

(A-F only; Prereq: Students must have completed the following courses successfully: - Applied Pharmaceutical Care - Foundations of Social and Administrative Pharmacy - Medicinal Chemistry and Pharmacology of Cardiovascular Agents - Pharmacokinetics, - Cardiovascular Pharmacotherapy, - Cellular Metabolism and Nutrition See the course syllabus for more detailed prerequisites.)

63060 001 LEC, 10:10-12:05 M, Moos Health Sci Tower 1-451, 13:25-15:20 Th, Moos Health Sci Tower 1-451, 13:25-15:20 Th, Weaver-Densford Hall 7-135, In Person Term Based; Jean Moon, Randall Seifert, ; 1.1 cr.

6778 Pharmacy Law

(A-F only;)
63073 001 LEC, Completely Online; Jennell Bilek, Cody Wiberg ; 0.7 cr.

6780 Pharmacy Outcomes

(A-F only; Prereq: Phar 6700, 6702, 6704, 6706, 6708, 6710, 7310, 6716, 6718, 6720, 6722, 6724, 6726, 7325, 6732, 6734, 6736, 6738, 6740, 6742, 7330, 6748, 6750, 6752, 6754, 6756, 6758, 7340, 7345, 6770, 6774, 6768, 6762)
63061 001 DIS, 9:05-11:00 F, Moos Health Sci Tower 1-451, 9:05-11:00 F, Moos Health Sci Tower 1-451, In Person Term Based; Stephanie Swanson, 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]])
63062 001 LEC, 9:05-11:00 W, Moos Health Sci Tower 1-450, 10:10-11:00 M, Moos Health Sci Tower 1-450, In Person Term Based; Venkatram Mereddy, Mark Kirstein, ; 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)
63054 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 W, Mayo Bldg & Additions Auditor, 13:25-15:20 W, Moos Health Sci Tower 1-450, 13:25-15:20 W, Weaver-Densford Hall 7-135, 13:25-15:20 W, Moos Health Sci Tower 1-450, 13:25-15:20 W, Weaver-Densford Hall 7-135, 13:25-15:20 W, 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.)
68128 001 LEC, In Person Term Based; Lynda Welage, Michael Swanoski, Marilyn Speedie ; 0.1 cr.

6900 Curricular Studies for Internship and Pharmacy Employment

(S-N only;)
68130 001 IND, In Person Term Based; 1 cr.

6903 Assessment and Management of Psychiatric Disorders

(A-F only;)
67824 001 LEC, In Person Term Based; Amy Pittenger ; 2 cr.

6904 Health Coaching for Pharmacists: Creating a Culture of Change for Patients

(S-N only;)
68163 001 LEC, In Person Term Based; Stephanie Swanson ; 1 cr.

6905 Applied Psych Pharmacotherapy

(A-F only;)
67826 001 LEC, 12:20-13:10 T, Weaver-Densford Hall 7-135, In Person Term Based; Amy Pittenger, Jeffrey Bishop ; 1 cr.

6907 Interprofessional Collaborative Practice in HIV

(S-N only;)
67827 001 LEC, In Person Term Based; Melanie Nicol, Amy Pittenger ; 1 cr.

6938 Developing Adaptive Leadership

(A-F only; Prereq: Pharm.D. student)
63070 001 LEC, 10:10-12:05 F, ; 10:10-12:05 F, In Person Term Based; Kerry Fierke, Kristin Janke, Todd Sorensen ; 1 cr.

6940 Leading Change Experience II

(S-N only; Prereq: PHAR 6937 and 6938)
63071 001 DIS, In Person Term Based; Todd Sorensen, Kristin Janke, Kerry Fierke ; 2 cr.

6941 Leadership Best Sellers for Pharmacists**(A-F only;)**
63015 001 DIS, In Person Term Based; Kristin Janke ; 2 cr.**6962 Ethics in Pharmacy Practice****(A-F only; Prereq: Pharm.D. 3rd year student)**
63075 001 DIS, 15:35-17:30 W, Room TBA, 15:35-17:30 W, Room TBA, In Person Term Based; Tim Stratton ; 2 cr.**6964 Clinical Toxicology****(A-F only; Prereqs: All students will have successfully completed the first year professional pharmacy program, as well as successfully completed fall semester of the second year. All students will have also successfully completed or be in the process of completing anatomy, physiology, pathophysiology, and pharmacology. The student is responsible for this material to the extent necessary as a framework for toxicologic therapeutics. Thus, students are encouraged to review basic anatomy and physiology and specifically encouraged to review the section of the pharmacology textbook relevant to the classes of drugs covered.)**
67825 001 LEC, 13:25-15:20 T, Weaver-Densford Hall 7-135, In Person Term Based; Kelly Sioris, Leo Sioris ; 1 cr.**6971 Geriatric Pharmacotherapy****(A-F only; Prereq: 3rd or 4th year Pharmacy student)**
62980 001 LEC, 10:10-12:05 T, Moos Health Sci Tower 1-450, In Person Term Based; Michael Swanoski, Shellina Scheiner ; 2 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)**
63052 001 FWK, In Person Term Based; Donald Uden, Kerl Hager ; 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)
62947 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)
62948 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)**
63082 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)
62946 001 FWK, In Person Term Based; Caitlin Frail ; 5 cr.**7431 Elective Experience 1****(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)**
62949 001 FWK, In Person Term Based; Ann Philbrick, Stephanie Swanson ; 5 cr.**7432 Elective Experience 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)**
63083 001 FWK, In Person Term Based; Stephanie Swanson, Ann Philbrick ; 5 cr.**7433 Elective Experience 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)**

63084 001 FWK, In Person Term Based; Ann Philbrick, Stephanie Swanson ; 5 cr.

Philosophy (PHIL)**1001 Introduction to Logic****(Student Option; MATH)**
52152 002 DIS, 12:20-13:10 M, Blegen Hall 225, In Person Term Based; 4 cr.
52153 003 DIS, 13:25-14:15 M, Blegen Hall 225, In Person Term Based; 4 cr.
52154 004 DIS, 12:20-13:10 W, Blegen Hall 225, In Person Term Based; 4 cr.
52155 005 DIS, 13:25-14:15 W, Blegen Hall 225, In Person Term Based; 4 cr.
52665 001 LEC, 13:00-14:15 TTh, Blegen Hall 10, In Person Term Based; Peter Hanks ; 4 cr.**1002W Introduction to Philosophy****(Student Option; AH,WI)**
53160 001 LEC, 9:05-9:55 MWF, West Bank Skyway 20, In Person Term Based; David Taylor ; 4 cr.
53161 002 DIS, 8:00-8:50 T, Blegen Hall 105, In Person Term Based; 4 cr.
54815 003 DIS, 9:05-9:55 T, Blegen Hall 115, In Person Term Based; 4 cr.
66488 004 DIS, 8:00-8:50 Th, Blegen Hall 105, In Person Term Based; 4 cr.
66489 005 DIS, 9:05-9:55 Th, Blegen Hall 115, In Person Term Based; 4 cr.**1003W Introduction to Ethics****(Student Option; CIV,WI)**
66502 001 LEC, 18:00-21:00 M, Blegen Hall 430, In Person Term Based; Taylor Smith ; 4 cr.**1004W Introduction to Political Philosophy****(Student Option; AH,WI,CIV)**
54512 001 LEC, 11:15-12:05 MWF, Blegen Hall 10, In Person Term Based; Tucker Marks ; 4 cr.
54513 002 DIS, 10:10-11:00 T, Blegen Hall 110, In Person Term Based; 4 cr.
54514 003 DIS, 11:15-12:05 T, Blegen Hall 110, In Person Term Based; 4 cr.**1201 Critical Reasoning****(Student Option; AH)**
66984 001 LEC, 12:20-13:10 MWF, Blegen Hall 5, In Person Term Based; Michael Bennett McNulty ; 4 cr.
66985 002 DIS, 12:20-13:10 T, Blegen Hall 230, In Person Term Based; 4 cr.
66986 003 DIS, 13:25-14:15 T, Blegen Hall 220, In Person Term Based; 4 cr.
66988 005 DIS, 13:25-14:15 Th, Blegen Hall 125, In Person Term Based; 4 cr.**1760 Selected Topics in Philosophy****(Student Option;)**
66697 001 DIS, 11:15-12:30 TTh, Blegen Hall 430, In Person Term Based; Roy Cook ; 3 cr.**3005W General History of Western****Philosophy: Modern Period**
(Student Option; AH,WI)
55462 001 LEC, 10:10-11:00 MWF, Anderson Hall 330, In Person Term Based; Michael Bennett McNulty ; 4 cr.
55463 002 DIS, 10:10-11:00 T, Blegen Hall 115, In Person Term Based; 4 cr.
55464 003 DIS, 11:15-12:05 T, Blegen Hall 230, In Person Term Based; 4 cr.**3100 Value Theory Practicum****(Student Option; Prereq: [concurrent registration is required (or allowed) in 3301 or concurrent registration is required (or allowed) in 3302W or concurrent registration is required (or allowed) in 3304 or concurrent registration is required (or allowed) in 3308], instr consent)**
67819 001 FWK, In Person Term Based; Sarah Holtman ; 1 cr.
68632 002 FWK, In Person Term Based; Justin Kuster ; 1 cr.**3301 Environmental Ethics****(Student Option; ENV)**
66496 001 LEC, 9:20-11:00 MF, Blegen Hall 240, In Person Term Based; Justin Kuster ; 4 cr.**3304 Law and Morality****(Student Option;)**
55468 001 LEC, 11:15-12:30 TTh, Blegen Hall 235, In Person Term Based; Sarah Holtman ; 4 cr.66751 002 DIS, 11:15-12:05 M, Blegen Hall 145, In Person Term Based; 4 cr.
66752 003 DIS, 12:20-13:10 M, Blegen Hall 330, In Person Term Based; 4 cr.**3305 Medical Ethics****(Student Option;)**
54583 001 LEC, 11:15-12:30 MF, Blegen Hall 150, In Person Term Based; Codi Stevens ; 4 cr.
55479 002 DIS, 11:15-12:05 W, Blegen Hall 145, In Person Term Based; Qiannan Li ; 4 cr.
55480 003 DIS, 12:20-13:10 W, Blegen Hall 140, In Person Term Based; Qiannan Li ; 4 cr.**3311W Introduction to Ethical Theory****(Student Option; WI)**
55467 001 LEC, 9:20-11:00 MW, Hubert H. Humphrey School 184, In Person Term Based; Michelle Mason Bizri ; 4 cr.**3601W Scientific Thought****(Student Option; Prereq: One course in philosophy or natural scienceWI)**
53248 001 DIS, 11:15-12:55 TTh, Blegen Hall 240, In Person Term Based; Max Dresow ; 4 cr.**3605 Disease, Diagnosis, and Intervention:****Conceptual Issues in Medicine**
(Student Option;)
68643 001 LEC, 13:00-14:15 TTh, Blegen Hall 430, In Person Term Based; Alan Love ; 3 cr.**3607 Philosophy of Psychology****(Student Option; Prereq: One course in philosophy or psychology)**
66490 001 LEC, 13:00-14:15 MF, West Bank Skyway 20, In Person Term Based; Joseph Owens ; 4 cr.
66491 002 DIS, 12:20-13:10 T, Blegen Hall 205, In Person Term Based; 4 cr.
66492 003 DIS, 13:25-14:15 T, Blegen Hall 205, In Person Term Based; 4 cr.
66493 004 DIS, 13:25-14:15 Th, Blegen Hall 205, In Person Term Based; 4 cr.**3993 Directed Studies****(Student Option; Prereq instr consent, dept consent, college consent.)**
52198 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.**4085 Wittgenstein****(Student Option;)**
66506 001 DIS, 9:45-11:00 MF, Carlson School of Mgmt 1-136, In Person Term Based; Meets With: 001 PHIL 5085; Joseph Owens ; 3 cr.**4311W History of Moral Theories****(Student Option; Prereq: 1003 or instr consentWI)**
66497 001 LEC, 13:00-14:15 MW, Blegen Hall 115, In Person Term Based; Meets With: 001 PHIL 5311; Michelle Mason Bizri ; 3 cr.**4510 Philosophy of the Individual Arts****(Student Option; Prereq: 3502)**
55172 001 LEC, 14:30-15:45 MW, Blegen Hall 110, In Person Term Based; Meets With: 001 PHIL 5510; Michael Kac ; 3 cr.**4993 Directed Studies****(Student Option; Prereq instr consent, dept consent, college consent.)**
52197 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)**
53673 001 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.**4995H Honors Senior Project****(A-F only; Prereq: instr consent, dept consent)**
54122 001 IND, Independent/Directed Study; 1 cr.**5085 Wittgenstein****(Student Option;)**
66507 001 DIS, 9:45-11:00 MF, Carlson School of Mgmt 1-136, In Person Term Based; Meets With: 001 PHIL 4085; Joseph Owens ; 3 cr.**5202 Symbolic Logic II****(Student Option; Prereq: 5201 or instr consent)**
66494 001 LEC, 9:45-11:00 TTh, Blegen Hall 260, In Person Term Based; Samuel Fletcher ; 4 cr.
66495 002 DIS, 13:25-14:15 M, Blegen Hall 125, In Person Term Based; Samuel Fletcher ; 4 cr.

5311 History of Moral Theories**(Student Option; Prereq: 1003W or instr consent or GRAD)**

68868 001 LEC, 13:00-14:15 MW, Blegen Hall 115, In Person Term Based; Meets With: 001 PHIL 4311W; Michelle Mason Bizri ; 3 cr.

5415 Philosophy of Law**(Student Option; Prereq: 1003 or 1004 or 3302 or social science major or instr consent)**

53694 001 LEC, 13:25-14:20 MWF, Mondale Hall 5, 13:25-14:20 T, Mondale Hall 5, In Person Term Based; Meets With: 001 LAW 6615; Brian Bix ; 3 cr.

5510 Philosophy of the Individual Arts**(Student Option; Prereq: 3502)**

55173 001 LEC, 14:30-15:45 MW, Blegen Hall 110, In Person Term Based; Meets With: 001 PHIL 4510; Michael Kac ; 3 cr.

5760 Selected Topics in Philosophy**(Student Option; Prereq: 3xxx-5xxx course in phil or instr consent)**

68121 001 DIS, 14:30-17:00 T, Appleby Hall 303, In Person Term Based; Meets With: 001 FREN 5350001 GER 5610001 SCAN 5670; Bruno Chauvat ; 3 cr.

5993 Directed Studies**(Student Option; Prereq: instr consent, dept consent, college consent)**

52199 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8010 Workshop in History of Philosophy**(Student Option; Prereq: concurrent registration is required (or allowed) in 4xxx hist of phil course, instr consent)**

66754 001 LEC, In Person Term Based; 1 cr.

8090 Seminar: History of Modern**Philosophy****(Student Option; Prereq: instr consent)**

66503 001 LEC, 15:00-17:30 W, Carlson School of Mgmt 1-136, In Person Term Based; Jessica Gordon-Roth ; 3 cr.

8180 Seminar: Philosophy of Language**(Student Option; Prereq: 4231 or instr consent)**

55175 001 LEC, 16:00-18:30 T, Walter W Heller Hall 731, In Person Term Based; Peter Hanks ; 3 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)**

54817 001 LEC, In Person Term Based; 1 cr.

8333 FTE: Master's**(No Grade Associated; Prereq: Master's student, adviser and DGS consent)**

52801 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)**

52823 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)**

55177 001 LEC, In Person Term Based; 1 cr.

8670 Seminar: Philosophy of Science**(Student Option; Prereq: instr consent)**

66504 001 LEC, 16:00-18:30 Th, Walter W Heller Hall 731, In Person Term Based; Samuel Fletcher ; 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])**

52874 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)**

52900 001 IND, In Person Term Based; 1-24 cr.

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

52227 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

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

52630 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

Physical Education (PE)**1007 Beginning Swimming****(Student Option No Audit;)**

50561 001 LAB, 8:00- 8:50 MW, Cooke Hall 10, In Person

Term Based; Kaiti Goff ; 1 cr.

50561 001 LAB, 8:00- 8:50 MW, Cooke Hall 10, In Person

Term Based; Kaiti Goff ; 1 cr.

50562 002 LAB, 9:05- 9:55 MW, Cooke Hall 10, In Person

Term Based; Kaiti Goff ; 1 cr.

50562 002 LAB, 9:05- 9:55 MW, Cooke Hall 10, In Person

Term Based; Kaiti Goff ; 1 cr.

1014 Conditioning**(Student Option No Audit;)**

50563 001 LAB, 8:00- 8:50 MW, U Of M Field House 50, In

Person Term Based; Daniel McDonough ; 1 cr.

50563 001 LAB, 8:00- 8:50 MW, U Of M Field House 50, In

Person Term Based; Daniel McDonough ; 1 cr.

50564 002 LAB, 9:05- 9:55 MW, U Of M Field House 50, In

Person Term Based; Daniel McDonough ; 1 cr.

50564 002 LAB, 9:05- 9:55 MW, U Of M Field House 50, In

Person Term Based; Daniel McDonough ; 1 cr.

50565 003 LAB, 10:10-11:00 MW, U Of M Field House 50, In

Person Term Based; Daniel McDonough ; 1 cr.

50565 003 LAB, 10:10-11:00 MW, U Of M Field House 50, In

Person Term Based; Daniel McDonough ; 1 cr.

50567 005 LAB, 8:00- 8:50 TTh, U Of M Field House 50, In

Person Term Based; John Bryant ; 1 cr.

50567 005 LAB, 8:00- 8:50 TTh, U Of M Field House 50, In

Person Term Based; John Bryant ; 1 cr.

50568 006 LAB, 9:05- 9:55 TTh, U Of M Field House 50, In

Person Term Based; John Bryant ; 1 cr.

50568 006 LAB, 9:05- 9:55 TTh, U Of M Field House 50, In

Person Term Based; John Bryant ; 1 cr.

51532 007 LAB, 10:10-11:00 TTh, U Of M Field House 50, In

Person Term Based; John Bryant ; 1 cr.

51532 007 LAB, 10:10-11:00 TTh, U Of M Field House 50, In

Person Term Based; John Bryant ; 1 cr.

51533 008 LAB, 11:15-12:05 TTh, U Of M Field House 50, In

Person Term Based; John Bryant ; 1 cr.

51533 008 LAB, 11:15-12:05 TTh, U Of M Field House 50, In

Person Term Based; John Bryant ; 1 cr.

51942 010 LAB, 10:10-11:50 F, , In Person Term Based;

Olivia Wicker ; 1 cr.

1015 Weight Training**(Student Option No Audit;)**

50570 002 LAB, 9:05- 9:55 MW, University Rec Center 220,

In Person Term Based; Benjamin Kohler ; 1 cr.

50570 002 LAB, 9:05- 9:55 MW, University Rec Center 220,

In Person Term Based; Benjamin Kohler ; 1 cr.

50571 003 LAB, 10:10-11:00 MW, University Rec Center

220, In Person Term Based; Benjamin Kohler ; 1 cr.

50571 003 LAB, 10:10-11:00 MW, University Rec Center

220, In Person Term Based; Benjamin Kohler ; 1 cr.

50572 004 LAB, 8:00- 8:50 TTh, University Rec Center 220,

In Person Term Based; Daniel McDonough ; 1 cr.

50572 004 LAB, 8:00- 8:50 TTh, University Rec Center 220,

In Person Term Based; Daniel McDonough ; 1 cr.

50573 005 LAB, 9:05- 9:55 TTh, University Rec Center 220,

In Person Term Based; Daniel McDonough ; 1 cr.

50573 005 LAB, 9:05- 9:55 TTh, University Rec Center 220,

In Person Term Based; Daniel McDonough ; 1 cr.

50574 006 LAB, 10:10-11:00 TTh, University Rec Center

220, In Person Term Based; Daniel McDonough ; 1 cr.

50574 006 LAB, 10:10-11:00 TTh, University Rec Center

220, In Person Term Based; Daniel McDonough ; 1 cr.

1016 Posture and Individual Exercise**(Student Option No Audit;)**

51662 001 LAB, 8:00- 8:50 MW, Cooke Hall 308, In Person

Term Based; Alexandra Eady ; 1 cr.

51943 002 LAB, 9:05- 9:55 MW, Cooke Hall 308, In Person

Term Based; Alexandra Eady ; 1 cr.

51944 003 LAB, 8:00- 9:40 F, Cooke Hall 308, In Person

Term Based; Amanda Frayeh ; 1 cr.

67893 004 LAB, 10:10-11:45 F, Cooke Hall 308, In Person

Term Based; Amanda Frayeh ; 1 cr.

1029 Handball**(Student Option No Audit;)**

50553 001 LAB, 16:35-18:15 Th, University Rec Center 145,

In Person Term Based; Joseph Van Thomme ; 1 cr.

50553 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;)**

51538 001 LAB, 9:05- 9:55 TTh, Cooke Hall 308, In Person

Term Based; J Sobalvarro ; 1 cr.

1032 Badminton**(Student Option No Audit;)**

51663 001 LAB, 13:25-15:05 M, Cooke Hall 325, In Person

Term Based; Dongwook Yeo ; 1 cr.

51663 001 LAB, 13:25-15:05 M, Cooke Hall 325, In Person

Term Based; Dongwook Yeo ; 1 cr.

51664 002 LAB, 13:25-15:05 T, Cooke Hall 325, In Person

Term Based; Dongwook Yeo ; 1 cr.

51664 002 LAB, 13:25-15:05 T, Cooke Hall 325, In Person

Term Based; Dongwook Yeo ; 1 cr.

51665 003 LAB, 13:25-15:05 W, Cooke Hall 325, In Person

Term Based; Dongwook Yeo ; 1 cr.

51665 003 LAB, 13:25-15:05 W, Cooke Hall 325, In Person

Term Based; Dongwook Yeo ; 1 cr.

51666 002 LAB, 11:15-12:05 TTh, Cooke Hall 308, In Person

Term Based; J Sobalvarro ; 1 cr.

1033 Foil Fencing**(Student Option No Audit;)**

51539 001 LAB, 10:10-11:00 TTh, Cooke Hall 308, In Person

Term Based; J Sobalvarro ; 1 cr.

51666 002 LAB, 11:15-12:05 TTh, Cooke Hall 308, In Person

Term Based; J Sobalvarro ; 1 cr.

1034 Judo**(Student Option No Audit;)**

51946 001 LAB, 10:40-11:30 TTh, St. Paul Gymnasium 130,

In Person Term Based; Thomas Crone ; 1 cr.

1035 Karate**(Student Option No Audit;)**

50555 001 LAB, 19:15-20:55 T, St. Paul Gymnasium 200, In

Person Term Based; Trung Le ; 1 cr.

50555 001 LAB, 19:15-20:55 T, St. Paul Gymnasium 200, In

Person Term Based; Trung Le ; 1 cr.

50555 001 LAB, 19:15-20:55 T, St. Paul Gymnasium 200, In

Person Term Based; Trung Le ; 1 cr.

1036 Racquetball**(Student Option No Audit;)**

51130 004 LAB, 13:25-14:15 TTh, University Rec Center

145, In Person Term Based; Mitchell Hoffman ; 1 cr.

51130 004 LAB, 13:25-14:15 TTh, University Rec Center

145, In Person Term Based; Mitchell Hoffman ; 1 cr.

51131 005 LAB, 14:30-15:20 TTh, University Rec Center

145, In Person Term Based; Mitchell Hoffman ; 1 cr.

51131 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;)**

51085 001 LAB, 10:10-11:00 MW, University Rec Center

143, In Person Term Based; John Stever ; 1 cr.

51085 001 LAB, 10:10-11:00 MW, University Rec Center

143, In Person Term Based; John Stever ; 1 cr.

51517 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;)**

50577 002 LAB, 9:05- 9:55 MW, Ridder Arena/Baseline 106,

In Person Term Based; Mikinzee Salo ; 1 cr.

50577 002 LAB, 9:05- 9:55 MW, Ridder Arena/Baseline 106,

In Person Term Based; Mikinzee Salo ; 1 cr.

50578 003 LAB, 10:10-11:00 MW, Ridder Arena/Baseline

106, In Person Term Based; Mikinzee Salo ; 1 cr.

50578 003 LAB, 10:10-11:00 MW, Ridder Arena/Baseline

106, In Person Term Based; Mikinzee Salo ; 1 cr.

50579 004 LAB, 11:15-12:05 MW, Ridder Arena/Baseline

106, In Person Term Based; Mikinzee Salo ; 1 cr.

50579 004 LAB, 11:15-12:05 MW, Ridder Arena/Baseline

106, In Person Term Based; Mikinzee Salo ; 1 cr.

50580 005 LAB, 8:00- 8:50 TTh, Ridder Arena/Baseline 106,

In Person Term Based; Daniel Haertl ; 1 cr.

50580 005 LAB, 8:00- 8:50 TTh, Ridder Arena/Baseline 106,

In Person Term Based; Daniel Haertl ; 1 cr.

50581 006 LAB, 9:05- 9:55 TTh, Ridder Arena/Baseline 106,

In Person Term Based; Daniel Haertl ; 1 cr.

50581 006 LAB, 9:05- 9:55 TTh, Ridder Arena/Baseline 106,

In Person Term Based; Daniel Haertl ; 1 cr.

51132 007 LAB, 10:10-11:00 TTh, Ridder Arena/Baseline

106, In Person Term Based; Daniel Haertl ; 1 cr.

51132 007 LAB, 10:10-11:00 TTh, Ridder Arena/Baseline

106, In Person Term Based; Daniel Haertl ; 1 cr.

51133 008 LAB, 11:15-12:05 TTh, Ridder Arena/Baseline

106, In Person Term Based; Daniel Haertl ; 1 cr.

51133 008 LAB, 11:15-12:05 TTh, Ridder Arena/Baseline

106, In Person Term Based; Daniel Haertl ; 1 cr.

51245 001 LAB, 8:00- 8:50 MW, Ridder Arena/Baseline 106,

In Person Term Based; Mikinzee Salo ; 1 cr.

51245 001 LAB, 8:00- 8:50 MW, Ridder Arena/Baseline 106,

In Person Term Based; Mikinzee Salo ; 1 cr.

1044 Self-Defense**(Student Option No Audit;)**

50557 001 LAB, 8:00- 8:50 MW, University Rec Center 320,

In Person Term Based; Mary Brandl ; 1 cr.

50558 002 LAB, 9:05- 9:55 MW, University Rec Center 320, In Person Term Based; Mary Brandl ; 1 cr.
 50699 003 LAB, 13:25-15:05 M, University Rec Center 320, In Person Term Based; Mary Brandl, Trung Le ; 1 cr.
 51094 004 LAB, 9:05- 9:55 TTh, University Rec Center 320, In Person Term Based; Mary Brandl, Trung Le ; 1 cr.
 51094 004 LAB, 9:05- 9:55 TTh, University Rec Center 320, In Person Term Based; Mary Brandl, Trung Le ; 1 cr.
 51134 005 LAB, 10:10-11:00 TTh, University Rec Center 320, In Person Term Based; Mary Brandl, Trung Le ; 1 cr.
 51518 006 LAB, 18:45-20:30 W, St. Paul Gymnasium 130, In Person Term Based; Mary Brandl ; 1 cr.
 51618 007 LAB, 13:25-15:15 F, Cooke Hall 308, In Person Term Based; Mary Brandl ; 1 cr.

1045 Rock Climbing

(Student Option No Audit; Prereq: Good general health, no [neck or back] problems)

51301 001 LAB, 8:00- 9:40 W, University Rec Center 68B, In Person Term Based; Benjamin Phaneuf ; 1 cr.
 51301 001 LAB, 8:00- 9:40 W, University Rec Center 68B, In Person Term Based; Benjamin Phaneuf ; 1 cr.
 51302 002 LAB, 10:10-11:50 W, University Rec Center 68B, In Person Term Based; Benjamin Phaneuf ; 1 cr.
 51302 002 LAB, 10:10-11:50 W, University Rec Center 68B, In Person Term Based; Benjamin Phaneuf ; 1 cr.
 51792 003 LAB, 8:00- 9:40 T, University Rec Center 68B, In Person Term Based; Taber Tang ; 1 cr.
 51792 003 LAB, 8:00- 9:40 T, University Rec Center 68B, In Person Term Based; Taber Tang ; 1 cr.
 51793 004 LAB, 10:10-11:50 T, University Rec Center 68B, In Person Term Based; Taber Tang ; 1 cr.
 51793 004 LAB, 10:10-11:50 T, University Rec Center 68B, In Person Term Based; Taber Tang ; 1 cr.
 51995 005 LAB, 8:00- 9:40 Th, , In Person Term Based; Taber Tang ; 1 cr.
 51995 005 LAB, 8:00- 9:40 Th, , In Person Term Based; Taber Tang ; 1 cr.
 51996 006 LAB, 10:10-11:50 Th, , In Person Term Based; Bryan Karban ; 1 cr.
 51996 006 LAB, 10:10-11:50 Th, , In Person Term Based; Bryan Karban ; 1 cr.

1046 Tae Kwon Do

(Student Option No Audit;)

50799 002 LEC, 10:10-11:00 TTh, Cooke Hall 325, In Person Term Based; Aaron Kim ; 1 cr.
 50799 002 LEC, 10:10-11:00 TTh, Cooke Hall 325, In Person Term Based; Aaron Kim ; 1 cr.
 51947 003 LEC, 11:15-12:05 TTh, Cooke Hall 325, In Person Term Based; Aaron Kim ; 1 cr.
 68027 001 LEC, 9:05- 9:55 TTh, Cooke Hall 325, In Person Term Based; Aaron Kim ; 1 cr.

1048 Bowling

(Student Option No Audit;)

51086 002 LAB, 9:05- 9:55 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 51086 002 LAB, 9:05- 9:55 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 51087 003 LAB, 10:10-11:00 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 51087 003 LAB, 10:10-11:00 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 51091 004 LAB, 11:15-12:05 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 51091 004 LAB, 11:15-12:05 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 51092 005 LAB, 12:20-13:10 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 51092 005 LAB, 12:20-13:10 MW, Coffman Memorial Union B3, In Person Term Based; Michael Schmid ; 1 cr.
 51136 007 LAB, 8:00- 8:50 TTh, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 51136 007 LAB, 8:00- 8:50 TTh, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 51246 008 LAB, 9:05- 9:55 TTh, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 51246 008 LAB, 9:05- 9:55 TTh, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 51247 009 LAB, 10:10-11:00 TTh, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 51247 009 LAB, 10:10-11:00 TTh, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 51248 010 LAB, 11:15-12:05 TTh, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.
 51248 010 LAB, 11:15-12:05 TTh, Coffman Memorial Union B3, In Person Term Based; Jason Hanson ; 1 cr.

1053 Ice Skating

(Student Option No Audit;)

51249 001 LAB, 8:00- 8:50 MW, Mariucci Arena 50, In Person Term Based; Courtney Boucher ; 1 cr.
 51318 002 LAB, 9:05- 9:55 MW, Mariucci Arena 50, In Person Term Based; Courtney Boucher ; 1 cr.

51519 003 LAB, 10:10-11:00 MW, Mariucci Arena 50, In Person Term Based; Courtney Boucher ; 1 cr.
 51950 004 LAB, 8:00- 8:50 TTh, Mariucci Arena 50, In Person Term Based; Courtney Boucher ; 1 cr.
 51951 005 LAB, 9:05- 9:55 TTh, Mariucci Arena 50, In Person Term Based; Courtney Boucher ; 1 cr.
 51952 006 LAB, 10:10-11:00 TTh, Mariucci Arena 50, In Person Term Based; Courtney Boucher ; 1 cr.

1055 Golf

(Student Option No Audit;)

51797 001 LAB, 9:05-11:55 MW, Les Bolstad Golf Crse Clubhouse, In Person Term Based; 1 cr.
 51797 001 LAB, 9:05-11:55 MW, Les Bolstad Golf Crse Clubhouse, In Person Term Based; 1 cr.
 51797 001 LAB, 9:05-11:55 MW, Les Bolstad Golf Crse Clubhouse, In Person Term Based; 1 cr.
 51798 002 LAB, 12:15-15:10 MW, Les Bolstad Golf Crse Clubhouse, In Person Term Based; 1 cr.
 51798 002 LAB, 12:15-15:10 MW, Les Bolstad Golf Crse Clubhouse, In Person Term Based; 1 cr.
 51798 002 LAB, 12:15-15:10 MW, Les Bolstad Golf Crse Clubhouse, In Person Term Based; 1 cr.
 51799 003 LAB, 15:30-18:25 MW, Les Bolstad Golf Crse Clubhouse, In Person Term Based; 1 cr.
 51799 003 LAB, 15:30-18:25 MW, Les Bolstad Golf Crse Clubhouse, In Person Term Based; 1 cr.

1057 Beginning Skiing

(Student Option No Audit;)

50613 001 LAB, 17:00-21:00 T, , In Person Term Based; Thomas Mega ; 1 cr.
 50613 001 LAB, 17:00-21:00 T, , In Person Term Based; Thomas Mega ; 1 cr.
 50614 002 LAB, 17:00-21:00 Th, , In Person Term Based; Thomas Mega ; 1 cr.
 50614 002 LAB, 17:00-21:00 Th, , In Person Term Based; Thomas Mega ; 1 cr.

1058 Snowboarding

(Student Option No Audit; Prereq: Good general health, injury free)

50785 001 LAB, 16:00-20:00 T, , In Person Term Based; Erin Ramberg ; 1 cr.
 50785 001 LAB, 16:00-20:00 T, , In Person Term Based; Erin Ramberg ; 1 cr.
 50786 002 LAB, 16:00-20:00 Th, , In Person Term Based; Erin Ramberg ; 1 cr.
 50786 002 LAB, 16:00-20:00 Th, , In Person Term Based; Erin Ramberg ; 1 cr.
 51795 003 LAB, 14:30-18:30 Sa, , In Person Term Based; Erin Ramberg ; 1 cr.
 51796 004 LAB, 14:30-18:30 Su, , In Person Term Based; Erin Ramberg ; 1 cr.

1067 Basketball

(Student Option No Audit;)

50576 001 LAB, 8:00- 8:50 MW, U Of M Fieldhouse 102 (E), In Person Term Based; Wenxi Liu ; 1 cr.
 50576 001 LAB, 8:00- 8:50 MW, U Of M Fieldhouse 102 (E), In Person Term Based; Wenxi Liu ; 1 cr.
 51137 002 LAB, 9:05- 9:55 MW, U Of M Fieldhouse 102 (E), In Person Term Based; Wenxi Liu ; 1 cr.
 51137 002 LAB, 9:05- 9:55 MW, U Of M Fieldhouse 102 (E), In Person Term Based; Wenxi Liu ; 1 cr.
 51534 003 LAB, 10:10-11:00 MW, U Of M Fieldhouse 102 (E), In Person Term Based; Wenxi Liu ; 1 cr.
 51535 004 LAB, 8:00- 8:50 TTh, U Of M Fieldhouse 102 (E), In Person Term Based; Wenxi Liu ; 1 cr.
 51536 005 LAB, 9:05- 9:55 TTh, U Of M Fieldhouse 102 (E), In Person Term Based; Wenxi Liu ; 1 cr.
 51537 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;)

51982 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;)

51250 003 LAB, 9:05-10:45 TTh, Student Recreation Sports Dome, In Person Term Based; Viktor Adamcsek ; 1 cr.
 51250 003 LAB, 9:05-10:45 TTh, Student Recreation Sports Dome, In Person Term Based; Viktor Adamcsek ; 1 cr.
 51520 004 LAB, 11:15-12:55 TTh, Student Recreation Sports Dome, In Person Term Based; Viktor Adamcsek ; 1 cr.
 51521 005 LAB, 9:05-10:45 MW, Student Recreation Sports Dome, In Person Term Based; Mckenzie Arbeiter ; 1 cr.
 51522 006 LAB, 11:15-12:55 MW, Student Recreation Sports Dome, In Person Term Based; Mckenzie Arbeiter ; 1 cr.
 68039 001 LAB, 9:05-10:45 MW, Student Recreation Sports Dome, In Person Term Based; Mckenzie Arbeiter ; 1 cr.

68041 007 LAB, 9:05-10:45 TTh, Student Recreation Sports Dome, In Person Term Based; Viktor Adamcsek ; 1 cr.

1074 Beginning Volleyball

(Student Option No Audit;)

51616 001 LAB, 8:00- 8:50 MW, Cooke Hall 325, In Person Term Based; Rebecca Feczer ; 1 cr.
 51616 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;)

51523 002 LAB, 8:00- 9:40 TTh, TCF Bank Stadium Field West, In Person Term Based; Jaime Medina ; 1 cr.

1137 Intermediate Squash

(Student Option No Audit; Prereq: 1037 or instr consent)

51801 001 LAB, 11:15-12:05 MW, University Rec Center 143, In Person Term Based; John Stever ; 1 cr.
 51801 001 LAB, 11:15-12:05 MW, University Rec Center 143, In Person Term Based; John Stever ; 1 cr.

1146 Intermediate Tae Kwon Do

(Student Option No Audit; Prereq: 1046, previous Tae Kwon Do experience (World Tae Kwon Do Federation sanctioned), basic white Tae Kwon Do uniform)

51974 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)

50559 001 LAB, 18:00-22:15 M, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.
 50559 001 LAB, 18:00-22:15 M, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.
 50700 003 LAB, 18:00-22:15 W, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.
 50700 003 LAB, 18:00-22:15 W, University Aquatic Center 45, In Person Term Based; Robert Karl ; 1 cr.
 50701 004 LAB, 18:00-22:15 M, , In Person Term Based; Robert Karl ; 1 cr.
 50701 004 LAB, 18:00-22:15 M, , In Person Term Based; Robert Karl ; 1 cr.
 51617 006 LAB, 18:00-22:15 W, , In Person Term Based; Robert Karl ; 1 cr.
 51617 006 LAB, 18:00-22:15 W, , 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)

51588 001 LAB, 8:00-12:00 Su, Cooke Hall Lobby, 8:00-8:50 MW, Peik Gymnasium G65, In Person Term Based; Christopher Lundstrom ; 3 cr.
 51589 002 LAB, 8:00-12:00 Su, Cooke Hall Lobby, 9:05-9:55 MW, Peik Gymnasium G65, In Person Term Based; Christopher Lundstrom ; 3 cr.

Physical Med & Rehabilitation (PMED)

7410 Rehabilitation Medicine for Adults (H-N only;)

61982 001 ROT, In Person Term Based; 4 cr.
 62427 002 ROT, In Person Term Based; 4 cr.
 62428 003 ROT, In Person Term Based; 4 cr.
 62429 004 ROT, In Person Term Based; 4 cr.

7412 Rehabilitation Medicine for Adults: Orthopedics, Neurology

(H-N only;)
 61983 001 ROT, In Person Term Based; 4 cr.
 62430 002 ROT, In Person Term Based; 4 cr.
 62431 003 ROT, In Person Term Based; 4 cr.
 62432 004 ROT, In Person Term Based; 4 cr.

7416 Pediatric Rehabilitation Medicine (H-N only;)

61654 012 ROT, 00:00-00:00 , , In Person Term Based; 2 cr.
 62433 031 ROT, In Person Term Based; 2 cr.
 62434 042 ROT, In Person Term Based; 2 cr.

7418 Rehabilitation Medicine: Trauma Rehab, Med-Spine

(H-N only;)
 61984 001 ROT, In Person Term Based; 4 cr.
 62435 002 ROT, In Person Term Based; 4 cr.
 62436 003 ROT, In Person Term Based; 4 cr.
 62437 004 ROT, In Person Term Based; 4 cr.

7420 Rehabilitation Medicine Research

(H-N only;)
62507 099 ROT, In Person Term Based; 2-8 cr.

7910 Physical Medicine and Rehabilitation Medical Residency

(No Grade Associated;)
62042 001 FWK, In Person Term Based; 6 cr.

7930 Physical Medicine and Rehabilitation Medical Fellowship

(No Grade Associated;)
62043 001 FWK, In Person Term Based; 6 cr.

8200 Physical Medicine and Rehabilitation Service

(Student Option; Prereq: enrolled in PMed residency training program)
61650 001 LEC, In Person Term Based; 1-15 cr.

8207 Basic and Applied Psychiatry

(Student Option; Prereq: enrolled in PMed residency training program)
61649 001 LEC, In Person Term Based; 1 cr.

8212 Electromyography

(Student Option; Prereq: enrolled in PMed residency training program)
61651 001 LEC, In Person Term Based; 1-15 cr.

8214 Readings in Electromyography

(Student Option; Prereq: enrolled in PMed residency training program)
61652 001 LEC, In Person Term Based; 1-3 cr.

8220 Seminar: Physical Medicine and Rehabilitation

(Student Option; Prereq: enrolled in PMed residency training program)
61653 001 LEC, In Person Term Based; 1-15 cr.

Physical Therapy (PT)**1002 Orientation to Physical Therapy**

(S-N or Audit;)
61492 002 LEC, 13:25-14:15 T, Mayo Bldg & Additions 3-125, In Person Term Based; Teresa Bisson; 1 cr.

6214 Clerkship II

(A-F or Audit; Prereq: Registered first year PT student)
61702 001 LEC, 9:05-9:55 M, Mayo Bldg & Additions 3-125, In Person Term Based; Amanda Lalonde; 2 cr.
61703 002 LAB, 13:30-16:30 TTh, AHC ROOM TBA, In Person Term Based; Amanda Lalonde; 2 cr.

6216 Clerkship IV

(A-F or Audit; Prereq: Registered 2nd yr PT student)
61713 001 LEC, 8:00-9:55 T, Moos Health Sci Tower 2-520, In Person Term Based; Amanda Lalonde; 1 cr.
67489 002 LAB, 13:25-17:00 MW, AHC ROOM TBA, In Person Term Based; Amanda Lalonde; 1 cr.

6220 Clinic Volunteer

(No Grade Associated;)
61723 001 FWK, 00:00-00:00 , , In Person Term Based; Teresa Bisson, Amanda Lalonde; 1 cr.

6221 Therapeutic Procedures

(A-F or Audit; Prereq: Registered PT student)
61697 001 LEC, 8:00-9:55 TWTh, Children's Rehab Ctr R202, In Person Term Based; Becky Olson-Kellogg, Ward Glasoe; 4 cr.

6282 Scientific Foundations II: Neuromotor Control

(A-F or Audit; Prereq: Registered PT student)
61714 001 LEC, 13:25-14:55 TTh, Moos Health Sci Tower 2-520, In Person Term Based; Samuel Nemanich; 3 cr.

6284 Musculoskeletal Rehabilitation II

(A-F or Audit; Prereq: Regis PT student)
61918 001 LEC, 10:10-12:05 W, AHC ROOM TBA, 8:00-9:55 MThF, AHC ROOM TBA, In Person Term Based; Kathleen Anderson, Jacquelyn Ruen; 4 cr.

6287 Neurorehabilitation

(A-F or Audit; Prereq: Regis PT student)
61715 001 LEC, 8:00-9:55 W, AHC ROOM TBA, 10:10-12:05 MTThF, AHC ROOM TBA, In Person Term Based; Teresa Bisson; 8 cr.

6297 Clinical Internship III

(S-N only; Prereq: Registered PT student)
61769 001 FWK, In Person Term Based; 10 cr.

6298 Clinical Internship IV

(S-N only;)
61770 001 FWK, In Person Term Based; 10 cr.

6310 Physiology for Physical Rehabilitation

(A-F only;)
61943 001 LEC, 10:10-11:00 MTThF, Moos Health Sci Tower 2-520, In Person Term Based; Manda Keller-Ross, Dawn Lowe; 5 cr.
61944 002 LAB, 10:10-12:10 W, AHC ROOM TBA, In Person Term Based; Manda Keller-Ross, Dawn Lowe; 5 cr.

7001 Topics in Musculoskeletal PT

(A-F only; Prereq Admitted in transitional doctor of physical therapy program.)
61781 001 LEC, 00:00-00:00 , , In Person Term Based; Kathleen Anderson; 1-6 cr.

7003 Topics in Integumentary Physical Therapy

(A-F only; Prereq Admitted in transitional doctor of physical therapy program.)
61782 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.)
61783 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)
67080 001 LEC, In Person Term Based; Becky Olson-Kellogg; 2 cr.

8132 Research Seminar

(S-N only;)
61698 001 LEC, 13:25-14:15 F, Nils Hasselmo Hall 2-101, In Person Term Based; Paula Ludewig; 1 cr.

8193 Research Problems

(Student Option; Prereq: Grad PT major)
61716 001 IND, 00:00-00:00 , , In Person Term Based; James Carey; 2-6 cr.
61717 002 IND, 00:00-00:00 , , In Person Term Based; Linda Koehler, Elizabeth Goebel, Ling Zhong; 2-6 cr.
61718 003 IND, 00:00-00:00 , , In Person Term Based; 2-6 cr.
61719 004 IND, 00:00-00:00 , , In Person Term Based; 2-6 cr.
61732 005 IND, 00:00-00:00 , , In Person Term Based; 2-6 cr.
61733 006 IND, 00:00-00:00 , , In Person Term Based; 2-6 cr.
61821 008 IND, 00:00-00:00 , , In Person Term Based; 2-6 cr.
61825 009 IND, In Person Term Based; 2-6 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
61576 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])
61607 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)
58386 100 LEC, 12:20-13:10 MWF, Tate Hall B20, In Person Term Based; Roger Rusack; 4 cr.
58387 101 LAB, 8:00-9:55 Th, Tate Hall B78, In Person Term Based; 4 cr.
58388 102 LAB, 10:10-12:05 Th, Tate Hall B78, In Person Term Based; 4 cr.
58389 103 LAB, 12:20-14:15 Th, Tate Hall B78, In Person Term Based; 4 cr.
60689 104 LAB, 14:30-16:25 Th, Tate Hall B78, In Person Term Based; 4 cr.
60812 106 LAB, 8:00-9:55 F, Tate Hall B78, In Person Term Based; 4 cr.
60963 107 LAB, 10:10-12:05 F, Tate Hall B78, 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)

58390 100 LEC, 13:25-14:15 MWF, Tate Hall B50, In Person Term Based; Aaron Wynveen; 4 cr.
58391 103 DIS, 13:25-14:15 T, Vincent Hall 313, In Person Term Based; 4 cr.
58392 104 LAB, 11:15-13:10 M, Tate Hall B76, In Person Term Based; 4 cr.
58393 105 DIS, 13:25-14:15 T, Folwell Hall 10, In Person Term Based; 4 cr.
58394 106 LAB, 14:30-16:25 M, Tate Hall B76, In Person Term Based; 4 cr.
58395 107 DIS, 13:25-14:15 T, Kolthoff Hall 132, In Person Term Based; 4 cr.
58396 108 LAB, 16:40-18:35 M, Tate Hall B76, In Person Term Based; 4 cr.
58397 111 DIS, 13:25-14:15 T, Smith Hall 121, In Person Term Based; 4 cr.
58398 112 LAB, 10:10-12:05 T, Tate Hall B76, In Person Term Based; 4 cr.
60964 124 DIS, 14:30-15:20 T, Folwell Hall 107, In Person Term Based; 4 cr.
60965 125 LAB, 16:40-18:35 T, Tate Hall B76, In Person Term Based; 4 cr.
60966 126 DIS, 14:30-15:20 T, Smith Hall 121, In Person Term Based; 4 cr.
60967 127 LAB, 9:05-11:00 W, Tate Hall B76, In Person Term Based; 4 cr.
60968 128 DIS, 14:30-15:20 T, Folwell Hall 31, In Person Term Based; 4 cr.
60969 129 LAB, 11:15-13:10 W, Tate Hall B76, In Person Term Based; 4 cr.
60970 130 DIS, 14:30-15:20 T, Tate Hall 120, In Person Term Based; 4 cr.
60971 131 LAB, 14:30-16:25 W, Tate Hall B76, In Person Term Based; 4 cr.
67754 101 DIS, 13:25-14:15 T, Bruininks Hall 420B, In Person Term Based; 4 cr.
67755 102 LAB, 9:05-11:00 M, Tate Hall B76, In Person Term Based; 4 cr.
67756 109 DIS, 13:25-14:15 T, Appleby Hall 303, In Person Term Based; 4 cr.
67757 110 LAB, 8:00-9:55 T, Tate Hall B76, In Person Term Based; 4 cr.
67758 113 DIS, 13:25-14:15 T, Civil Engineering Bldg 212, In Person Term Based; 4 cr.
67759 114 LAB, 14:30-16:25 T, Tate Hall B76, In Person Term Based; 4 cr.
67760 132 DIS, 14:30-15:20 T, Vincent Hall 364, In Person Term Based; 4 cr.
67761 133 LAB, 8:00-9:55 Th, Tate Hall B76, In Person Term Based; 4 cr.
67762 134 DIS, 14:30-15:20 T, Bruininks Hall 119, In Person Term Based; 4 cr.
67763 135 LAB, 15:35-17:30 Th, Tate Hall B76, In Person Term Based; 4 cr.
67764 136 DIS, 14:30-15:20 T, Bruininks Hall 420A, In Person Term Based; 4 cr.
67765 137 LAB, 10:10-12:05 F, Tate Hall B76, In Person Term Based; 4 cr.

1102W Introductory College Physics II

(Student Option; Prereq: 1101W or 1107PHYS,WI)
58399 100 LEC, 13:25-14:15 MWF, Tate Hall B20, In Person Term Based; Michael Zudov; 4 cr.
58400 101 DIS, 12:20-13:10 Th, Vincent Hall 301, In Person Term Based; 4 cr.
58401 102 LAB, 9:05-11:00 M, Tate Hall B78, In Person Term Based; 4 cr.
58402 103 DIS, 12:20-13:10 Th, Amundson Hall 156, In Person Term Based; 4 cr.
58403 104 LAB, 11:15-13:10 M, Tate Hall B78, In Person Term Based; 4 cr.
58404 126 DIS, 13:25-14:15 Th, Tate Hall 110, In Person Term Based; 4 cr.
58405 127 LAB, 8:00-9:55 T, Tate Hall B78, In Person Term Based; 4 cr.
58892 109 DIS, 12:20-13:10 Th, Akerman Hall 215, In Person Term Based; 4 cr.
58893 110 LAB, 16:40-18:35 M, Tate Hall B78, In Person Term Based; 4 cr.
60813 106 LAB, 14:30-16:25 M, Tate Hall B78, In Person Term Based; 4 cr.
60820 105 DIS, 12:20-13:10 Th, Amundson Hall 158, In Person Term Based; 4 cr.
60975 130 DIS, 13:25-14:15 Th, Tate Hall B85, In Person Term Based; 4 cr.
60976 131 LAB, 12:20-14:15 T, Tate Hall B78, In Person Term Based; 4 cr.
67752 132 DIS, 13:25-14:15 Th, Smith Hall 121, In Person Term Based; 4 cr.
67753 133 LAB, 14:30-16:25 T, Tate Hall B78, In Person Term Based; 4 cr.

1108 Introductory Physics Online II

(Student Option; Prereq: 1101W or 1107; primarily for students interested in technical areasPHYS)

60096 301 IND, 00:00-00:00 , ONLINE, Completely Online; Pete Border ; 4 cr.

1202W Introductory Physics for Biology and Pre-medicine II

(Student Option; Prereq: 1201WPHYS,WI)

58406 100 LEC, 9:05- 9:55 MTWF, Tate Hall B50, In Person Term Based; Paul Haines ; 5 cr.
 58407 102 LAB, 11:15-13:10 M, Tate Hall B74, In Person Term Based; 5 cr.
 58408 106 LAB, 15:35-17:30 M, Tate Hall B74, In Person Term Based; 5 cr.
 58409 112 LAB, 14:30-16:25 T, Tate Hall B74, In Person Term Based; 5 cr.
 58410 114 LAB, 16:40-18:35 T, Tate Hall B74, In Person Term Based; 5 cr.
 59184 101 DIS, 9:05- 9:55 Th, Vincent Hall 313, In Person Term Based; 5 cr.
 59185 105 DIS, 9:05- 9:55 Th, Vincent Hall 364, In Person Term Based; 5 cr.
 59186 111 DIS, 9:05- 9:55 Th, Ford Hall B15, In Person Term Based; 5 cr.
 59187 113 DIS, 9:05- 9:55 Th, Tate Hall B65, In Person Term Based; 5 cr.
 59245 200 LEC, 16:40-17:30 MTWF, Tate Hall B50, In Person Term Based; Thomas Walsh ; 5 cr.
 59246 201 DIS, 16:40-17:30 Th, Amundson Hall 104, In Person Term Based; 5 cr.
 59247 202 LAB, 9:05-11:00 M, Tate Hall B74, In Person Term Based; 5 cr.
 59248 203 DIS, 16:40-17:30 Th, Tate Hall B85, In Person Term Based; 5 cr.
 59249 204 LAB, 17:45-19:40 M, Tate Hall B74, In Person Term Based; 5 cr.
 59250 207 DIS, 16:40-17:30 Th, Tate Hall B45, In Person Term Based; 5 cr.
 59251 208 LAB, 8:00- 9:55 T, Tate Hall B74, In Person Term Based; 5 cr.
 59252 230 DIS, 17:45-18:35 Th, Amundson Hall 156, In Person Term Based; 5 cr.
 59253 231 LAB, 10:10-12:05 W, Tate Hall B74, In Person Term Based; 5 cr.
 59254 232 DIS, 17:45-18:35 Th, Tate Hall B85, In Person Term Based; 5 cr.
 59255 233 LAB, 10:10-12:05 Th, Tate Hall B74, In Person Term Based; 5 cr.
 59256 234 DIS, 17:45-18:35 Th, Tate Hall B45, In Person Term Based; 5 cr.
 59257 235 LAB, 8:00- 9:55 F, Tate Hall B74, In Person Term Based; 5 cr.
 59712 107 DIS, 9:05- 9:55 Th, Civil Engineering Bldg 213, In Person Term Based; 5 cr.
 59713 108 LAB, 10:10-12:05 T, Tate Hall B74, In Person Term Based; 5 cr.
 59721 109 DIS, 9:05- 9:55 Th, Vincent Hall 301, In Person Term Based; 5 cr.
 59722 110 LAB, 12:20-14:15 T, Tate Hall B74, In Person Term Based; 5 cr.
 60704 143 LAB, 12:20-14:15 W, Tate Hall B74, In Person Term Based; 5 cr.
 60705 142 DIS, 10:10-11:00 Th, Civil Engineering Bldg 212, In Person Term Based; 5 cr.
 60993 144 DIS, 10:10-11:00 Th, Peik Hall 335, In Person Term Based; 5 cr.
 60994 145 LAB, 14:30-16:25 W, Tate Hall B74, In Person Term Based; 5 cr.
 60995 146 DIS, 10:10-11:00 Th, Kolthoff Hall 136, In Person Term Based; 5 cr.
 60996 147 LAB, 16:40-18:35 W, Tate Hall B74, In Person Term Based; 5 cr.
 60997 148 DIS, 10:10-11:00 Th, Blegen Hall 330, In Person Term Based; 5 cr.
 60998 149 LAB, 18:50-20:45 W, Tate Hall B74, In Person Term Based; 5 cr.
 60999 150 DIS, 10:10-11:00 Th, Social Sciences Building 278, In Person Term Based; 5 cr.
 61000 151 LAB, 12:20-14:15 Th, Tate Hall B74, In Person Term Based; 5 cr.
 61001 152 DIS, 10:10-11:00 Th, , In Person Term Based; 5 cr.
 61002 153 LAB, 14:30-16:25 Th, Tate Hall B74, In Person Term Based; 5 cr.
 67792 103 DIS, 9:05- 9:55 Th, Vincent Hall 211, In Person Term Based; 5 cr.
 67793 104 LAB, 13:25-15:20 M, Tate Hall B74, In Person Term Based; 5 cr.
 67794 205 DIS, 16:40-17:30 Th, Smith Hall 111, In Person Term Based; 5 cr.
 67795 206 LAB, 19:55-21:50 M, Tate Hall B74, In Person Term Based; 5 cr.
 67978 154 DIS, 10:10-11:00 Th, Blegen Hall 115, In Person Term Based; 5 cr.
 67979 155 LAB, 16:40-18:35 Th, Tate Hall B74, In Person Term Based; 5 cr.

67985 237 LAB, 8:00- 9:55 Th, Tate Hall B74, In Person Term Based; 5 cr.

67986 236 DIS, 17:45-18:35 Th, Smith Hall 111, In Person Term Based; 5 cr.

1221 Introductory Physics for Life Science Majors I

(Student Option; Prereq: High School or College CalculusPHYS)

66372 101 DIS, 12:20-13:10 T, Armory Building 202, In Person Term Based; 4 cr.
 66373 102 LAB, 8:00- 9:55 T, Tate Hall B59, In Person Term Based; 4 cr.
 66374 103 DIS, 12:20-13:10 T, Armory Building 202, In Person Term Based; 4 cr.
 66375 104 LAB, 10:10-12:05 T, Tate Hall B59, In Person Term Based; 4 cr.
 66376 105 DIS, 12:20-13:10 T, Armory Building 202, In Person Term Based; 4 cr.
 66377 106 LAB, 14:30-16:25 T, Tate Hall B59, In Person Term Based; 4 cr.
 66378 107 DIS, 12:20-13:10 T, Elliott Hall N647, In Person Term Based; 4 cr.
 66379 108 LAB, 16:40-18:35 T, Tate Hall B59, In Person Term Based; 4 cr.
 66380 109 DIS, 12:20-13:10 T, Elliott Hall N647, In Person Term Based; 4 cr.
 66381 110 LAB, 8:00- 9:55 W, Tate Hall B59, In Person Term Based; 4 cr.
 66382 111 DIS, 11:15-12:05 T, Armory Building 116, In Person Term Based; 4 cr.
 66383 112 LAB, 10:10-12:05 W, Tate Hall B59, In Person Term Based; 4 cr.
 66384 113 DIS, 11:15-12:05 T, Armory Building 116, In Person Term Based; 4 cr.
 66385 114 LAB, 14:30-16:25 W, Tate Hall B59, In Person Term Based; 4 cr.
 66386 121 DIS, 11:15-12:05 T, Armory Building 116, In Person Term Based; 4 cr.
 66387 122 LAB, 16:40-18:35 W, Tate Hall B59, In Person Term Based; 4 cr.
 66388 123 DIS, 11:15-12:05 T, Elliott Hall N647, In Person Term Based; 4 cr.
 66389 124 LAB, 18:50-20:45 W, Tate Hall B59, In Person Term Based; 4 cr.
 66390 125 DIS, 11:15-12:05 T, Elliott Hall N647, In Person Term Based; 4 cr.
 66391 126 LAB, 8:00- 9:55 Th, Tate Hall B59, In Person Term Based; 4 cr.
 66392 127 DIS, 13:25-14:15 T, Armory Building 202, In Person Term Based; 4 cr.
 66393 128 LAB, 10:10-12:05 Th, Tate Hall B59, In Person Term Based; 4 cr.
 66394 129 DIS, 13:25-14:15 T, Armory Building 202, In Person Term Based; 4 cr.
 66397 132 LAB, 16:40-18:35 Th, Tate Hall B59, In Person Term Based; 4 cr.
 66398 133 DIS, 13:25-14:15 T, Elliott Hall N647, In Person Term Based; 4 cr.
 66399 134 LAB, 8:00- 9:55 F, Tate Hall B70, In Person Term Based; 4 cr.
 66400 200 LEC, 15:35-16:25 MWF, Tate Hall B20, 15:35-16:25 Th, Willey Hall 125, 15:35-16:25 Th, Willey Hall 125, 15:35-16:25 Th, Willey Hall 125, 15:35-16:25 Th, Willey Hall 125, In Person Term Based; Aaron Wynveen ; 4 cr.
 66401 201 DIS, 15:35-16:25 T, Civil Engineering Bldg 212, In Person Term Based; 4 cr.
 66402 202 LAB, 10:10-12:05 T, Tate Hall B70, In Person Term Based; 4 cr.
 66403 203 DIS, 15:35-16:25 T, Civil Engineering Bldg 212, In Person Term Based; 4 cr.
 66404 204 LAB, 12:20-14:15 T, Tate Hall B59, In Person Term Based; 4 cr.
 66405 205 DIS, 15:35-16:25 T, Civil Engineering Bldg 212, In Person Term Based; 4 cr.
 66406 206 LAB, 9:05-11:00 W, Tate Hall B70, In Person Term Based; 4 cr.
 66411 211 DIS, 14:30-15:20 T, Civil Engineering Bldg 212, In Person Term Based; 4 cr.
 66412 212 LAB, 12:20-14:15 W, Tate Hall B70, In Person Term Based; 4 cr.
 66413 213 DIS, 14:30-15:20 T, Civil Engineering Bldg 212, In Person Term Based; 4 cr.
 66414 214 LAB, 16:40-18:35 W, Tate Hall B70, In Person Term Based; 4 cr.
 66415 221 DIS, 14:30-15:20 T, Civil Engineering Bldg 212, In Person Term Based; 4 cr.
 66416 222 LAB, 12:20-14:15 Th, Tate Hall B59, In Person Term Based; 4 cr.
 66417 223 DIS, 16:40-17:30 T, Civil Engineering Bldg 212, In Person Term Based; 4 cr.

66418 224 LAB, 16:40-18:35 Th, Tate Hall B70, In Person Term Based; 4 cr.

66419 225 DIS, 16:40-17:30 T, Civil Engineering Bldg 212, In Person Term Based; 4 cr.

66420 226 LAB, 8:00- 9:55 F, Tate Hall B59, In Person Term Based; 4 cr.

66421 227 DIS, 16:40-17:30 T, Civil Engineering Bldg 212, In Person Term Based; 4 cr.

66422 228 LAB, 10:10-12:05 F, Tate Hall B59, In Person Term Based; 4 cr.

66429 100 LEC, 12:20-13:10 MWF, Tate Hall B50, 12:20-13:10 Th, Willey Hall 125, 12:20-13:10 Th, Willey Hall 125, 12:20-13:10 Th, Willey Hall 125, 12:20-13:10 Th, Willey Hall 125, In Person Term Based; Jeremiah Mans ; 4 cr.

67711 135 DIS, 13:25-14:15 T, Elliott Hall N647, In Person Term Based; 4 cr.

67712 136 LAB, 10:10-12:05 F, Tate Hall B70, In Person Term Based; 4 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 1571PHYS,WI)

58411 100 LEC, 8:00- 8:50 MTWF, Tate Hall B20, In Person Term Based; 4 cr.
 58412 101 DIS, 8:00- 8:50 Th, Bruininks Hall 119, In Person Term Based; 4 cr.
 58413 102 LAB, 12:20-14:15 M, Tate Hall B61, In Person Term Based; 4 cr.
 58414 103 DIS, 8:00- 8:50 Th, Vincent Hall 301, In Person Term Based; 4 cr.
 58415 104 LAB, 14:30-16:25 M, Tate Hall B61, In Person Term Based; 4 cr.
 58416 105 DIS, 8:00- 8:50 Th, Vincent Hall 364, In Person Term Based; 4 cr.
 58417 106 LAB, 12:20-14:15 T, Tate Hall B61, In Person Term Based; 4 cr.
 58418 109 DIS, 8:00- 8:50 Th, Civil Engineering Bldg 213, In Person Term Based; 4 cr.
 58419 110 LAB, 14:30-16:25 T, Tate Hall B61, In Person Term Based; 4 cr.
 58420 130 DIS, 9:05- 9:55 Th, Lind Hall 217, In Person Term Based; 4 cr.
 58421 131 LAB, 16:40-18:35 T, Tate Hall B61, In Person Term Based; 4 cr.
 58422 132 DIS, 9:05- 9:55 Th, Amundson Hall 162, In Person Term Based; 4 cr.
 58423 133 LAB, 10:10-12:05 W, Tate Hall B61, In Person Term Based; 4 cr.
 58424 134 DIS, 9:05- 9:55 Th, Bruininks Hall 121, In Person Term Based; 4 cr.
 58425 135 LAB, 14:30-16:25 W, Tate Hall B61, In Person Term Based; 4 cr.
 60707 144 DIS, 9:05- 9:55 Th, Amundson Hall 116, In Person Term Based; 4 cr.
 60708 145 LAB, 10:10-12:05 Th, Tate Hall B61, In Person Term Based; 4 cr.
 60932 200 LEC, 14:30-15:20 MTWF, Tate Hall B20, In Person Term Based; 4 cr.
 60983 202 LAB, 16:40-18:35 M, Tate Hall B61, In Person Term Based; 4 cr.
 60984 204 LAB, 8:00- 9:55 T, Tate Hall B61, In Person Term Based; 4 cr.
 60985 220 LAB, 18:50-20:45 T, Tate Hall B61, In Person Term Based; 4 cr.
 60986 222 LAB, 12:20-14:15 W, Tate Hall B61, In Person Term Based; 4 cr.
 60987 224 LAB, 16:40-18:35 W, Tate Hall B61, In Person Term Based; 4 cr.
 60988 201 DIS, 14:30-15:20 Th, Vincent Hall 364, In Person Term Based; 4 cr.
 60989 203 DIS, 14:30-15:20 Th, Vincent Hall 213, In Person Term Based; 4 cr.
 60990 205 DIS, 14:30-15:20 Th, Bruininks Hall 121, In Person Term Based; 4 cr.
 60991 221 DIS, 15:35-16:25 Th, Bruininks Hall 119, In Person Term Based; 4 cr.
 60992 223 DIS, 15:35-16:25 Th, Folwell Hall 122, In Person Term Based; 4 cr.
 61003 206 LAB, 10:10-12:05 T, Tate Hall B61, In Person Term Based; 4 cr.
 61004 219 DIS, 15:35-16:25 Th, Appleby Hall 3, In Person Term Based; 4 cr.
 67987 208 LAB, 8:00- 9:55 W, Tate Hall B61, In Person Term Based; 4 cr.
 67988 207 DIS, 14:30-15:20 Th, Bruininks Hall 420A, In Person Term Based; 4 cr.
 67989 225 DIS, 15:35-16:25 Th, Tate Hall B65, In Person Term Based; 4 cr.
 67990 226 LAB, 16:40-18:30 Th, Tate Hall B61, 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 1572(PHYS,WI))

58426 100 LEC, 8:00- 8:50 MTWF, Tate Hall B50, In Person Term Based; Sudhakar Prasad ; 4 cr.

58427 101 DIS, 8:00- 8:50 Th, Smith Hall 111, In Person Term Based; 4 cr.

58428 102 LAB, 12:20-14:15 M, Tate Hall B72, In Person Term Based; 4 cr.

58429 103 DIS, 8:00- 8:50 Th, Smith Hall 121, In Person Term Based; 4 cr.

58430 104 LAB, 14:30-16:25 M, Tate Hall B72, In Person Term Based; 4 cr.

58431 105 DIS, 8:00- 8:50 Th, Vincent Hall 313, In Person Term Based; 4 cr.

58432 106 LAB, 9:05-11:00 T, Tate Hall B72, In Person Term Based; 4 cr.

58433 121 DIS, 9:05- 9:55 Th, Ford Hall 115, In Person Term Based; 4 cr.

58434 122 LAB, 19:55-21:50 T, Tate Hall B72, In Person Term Based; 4 cr.

58435 123 DIS, 9:05- 9:55 Th, Amundson Hall 240, In Person Term Based; 4 cr.

58436 124 LAB, 9:05-11:00 W, Tate Hall B72, In Person Term Based; 4 cr.

58437 125 DIS, 9:05- 9:55 Th, Folwell Hall 112, In Person Term Based; 4 cr.

58438 126 LAB, 11:15-13:10 W, Tate Hall B72, In Person Term Based; 4 cr.

58439 111 DIS, 8:00- 8:50 Th, Tate Hall B45, In Person Term Based; 4 cr.

58440 112 LAB, 15:35-17:30 T, Tate Hall B72, In Person Term Based; 4 cr.

58441 129 DIS, 9:05- 9:55 Th, Nicholson Hall 120, In Person Term Based; 4 cr.

58442 130 LAB, 11:15-13:10 Th, Tate Hall B72, In Person Term Based; 4 cr.

58443 300 LEC, 11:15-12:05 MTWF, Tate Hall B50, In Person Term Based; Marvin Marshak ; 4 cr.

58444 301 DIS, 10:10-11:00 Th, Peik Gymnasium G65, In Person Term Based; 4 cr.

58445 302 LAB, 9:05-11:00 M, Tate Hall B63, In Person Term Based; 4 cr.

58446 303 DIS, 10:10-11:00 Th, , In Person Term Based; 4 cr.

58447 304 LAB, 13:25-15:20 M, Tate Hall B23, In Person Term Based; 4 cr.

58448 305 DIS, 10:10-11:00 Th, Hubert H. Humphrey School 30, In Person Term Based; 4 cr.

58449 306 LAB, 16:40-18:35 M, Tate Hall B23, In Person Term Based; 4 cr.

58450 307 DIS, 10:10-11:00 Th, Nicholson Hall 125, In Person Term Based; 4 cr.

58451 308 LAB, 18:50-20:45 M, Tate Hall B23, In Person Term Based; 4 cr.

58452 309 DIS, 10:10-11:00 Th, , In Person Term Based; 4 cr.

58453 310 LAB, 9:05-11:00 T, Tate Hall B26, In Person Term Based; 4 cr.

58454 311 DIS, 10:10-11:00 Th, Blegen Hall 225, In Person Term Based; 4 cr.

58455 312 LAB, 12:20-14:15 T, Tate Hall B26, In Person Term Based; 4 cr.

58456 329 DIS, 11:15-12:05 Th, Rapson Hall 43, In Person Term Based; 4 cr.

58457 330 LAB, 16:40-18:35 T, Tate Hall B26, In Person Term Based; 4 cr.

58458 331 DIS, 11:15-12:05 Th, Keller Hall 2-260, In Person Term Based; 4 cr.

58459 332 LAB, 18:50-20:45 W, Tate Hall B63, In Person Term Based; 4 cr.

58460 333 DIS, 11:15-12:05 Th, Molecular Cellular Biol 2-122, In Person Term Based; 4 cr.

58461 334 LAB, 8:00- 9:55 Th, Tate Hall B23, In Person Term Based; 4 cr.

58462 335 DIS, 11:15-12:05 Th, Molecular Cellular Biol 2-120, In Person Term Based; 4 cr.

58463 336 LAB, 17:45-19:40 Th, Tate Hall B26, In Person Term Based; 4 cr.

58464 337 DIS, 11:15-12:05 Th, Armory Building 116, In Person Term Based; 4 cr.

58465 338 LAB, 8:00- 9:55 F, Tate Hall B23, In Person Term Based; 4 cr.

58868 107 DIS, 8:00- 8:50 Th, Tate Hall B85, In Person Term Based; 4 cr.

58869 108 LAB, 11:15-13:10 T, Tate Hall B72, In Person Term Based; 4 cr.

58870 109 DIS, 8:00- 8:50 Th, Tate Hall B55, In Person Term Based; 4 cr.

58871 110 LAB, 13:25-15:20 T, Tate Hall B72, In Person Term Based; 4 cr.

58872 127 DIS, 9:05- 9:55 Th, Civil Engineering Bldg 212, In Person Term Based; 4 cr.

58873 128 LAB, 13:25-15:20 W, Tate Hall B72, In Person Term Based; 4 cr.

60479 600 LEC, 17:45-19:25 MW, Tate Hall B50, In Person Term Based; Clement Pryke ; 4 cr.

60480 601 DIS, 19:40-20:30 M, Tate Hall 120, In Person Term Based; 4 cr.

60481 602 LAB, 14:30-16:25 M, Tate Hall B63, In Person Term Based; 4 cr.

60482 603 DIS, 19:40-20:30 M, Tate Hall B65, In Person Term Based; 4 cr.

60483 604 LAB, 10:10-12:05 T, Tate Hall B23, In Person Term Based; 4 cr.

60484 605 DIS, 19:40-20:30 M, Ford Hall 151, In Person Term Based; 4 cr.

60485 606 LAB, 16:40-18:35 T, Tate Hall B23, In Person Term Based; 4 cr.

60486 607 DIS, 19:40-20:30 M, Tate Hall B85, In Person Term Based; 4 cr.

60487 608 LAB, 18:50-20:45 T, Tate Hall B23, In Person Term Based; 4 cr.

60488 621 DIS, 20:45-21:35 M, Tate Hall 120, In Person Term Based; 4 cr.

60489 622 LAB, 19:55-21:50 W, Tate Hall B23, In Person Term Based; 4 cr.

60490 623 DIS, 20:45-21:35 M, Ford Hall 151, In Person Term Based; 4 cr.

60491 624 LAB, 9:05-11:00 Th, Tate Hall B26, In Person Term Based; 4 cr.

60492 625 DIS, 20:45-21:35 M, Ford Hall 127, In Person Term Based; 4 cr.

60493 626 LAB, 11:15-13:10 Th, Tate Hall B26, In Person Term Based; 4 cr.

60709 113 DIS, 8:00- 8:50 Th, Ford Hall 170, In Person Term Based; 4 cr.

60710 114 LAB, 17:45-19:40 T, Tate Hall B72, In Person Term Based; 4 cr.

60711 131 DIS, 9:05- 9:55 Th, Vincent Hall 113, In Person Term Based; 4 cr.

60712 132 LAB, 9:05-11:00 F, Tate Hall B72, In Person Term Based; 4 cr.

60713 133 DIS, 9:05- 9:55 Th, Tate Hall B45, In Person Term Based; 4 cr.

60714 134 LAB, 11:15-13:10 F, Tate Hall B72, In Person Term Based; 4 cr.

60715 313 DIS, 10:10-11:00 Th, Tate Hall B45, In Person Term Based; 4 cr.

60716 314 LAB, 14:30-16:25 T, Tate Hall B23, In Person Term Based; 4 cr.

60717 339 DIS, 11:15-12:05 Th, Tate Hall B20, In Person Term Based; 4 cr.

60718 340 LAB, 12:20-14:15 F, Tate Hall B23, In Person Term Based; 4 cr.

60721 609 DIS, 19:40-20:30 M, Tate Hall B55, In Person Term Based; 4 cr.

60722 610 LAB, 11:15-13:10 W, Tate Hall B23, In Person Term Based; 4 cr.

60723 627 DIS, 20:45-21:35 M, Tate Hall B85, In Person Term Based; 4 cr.

60724 628 LAB, 14:30-16:25 Th, Tate Hall B23, In Person Term Based; 4 cr.

60725 629 DIS, 20:45-21:35 M, Tate Hall B55, In Person Term Based; 4 cr.

60726 630 LAB, 16:40-18:35 Th, Tate Hall B23, In Person Term Based; 4 cr.

60933 200 LEC, 10:10-11:00 MTWF, Tate Hall B50, In Person Term Based; Martin Greven ; 4 cr.

61005 203 DIS, 9:05- 9:55 Th, Peik Hall 335, In Person Term Based; 4 cr.

61006 205 DIS, 9:05- 9:55 Th, Tate Hall 101, In Person Term Based; 4 cr.

61007 208 LAB, 11:15-13:10 T, Tate Hall B63, In Person Term Based; 4 cr.

61008 212 LAB, 17:45-19:40 T, Tate Hall B63, In Person Term Based; 4 cr.

61009 206 LAB, 15:35-17:30 M, Tate Hall B26, In Person Term Based; 4 cr.

61010 202 LAB, 11:15-13:10 M, Tate Hall B23, In Person Term Based; 4 cr.

61011 207 DIS, 9:05- 9:55 Th, Nicholson Hall 125, In Person Term Based; 4 cr.

61012 201 DIS, 9:05- 9:55 Th, Ford Hall B10, In Person Term Based; 4 cr.

61025 232 LAB, 12:20-14:15 F, Tate Hall B26, In Person Term Based; 4 cr.

61026 230 LAB, 8:00- 9:55 F, Tate Hall B26, In Person Term Based; 4 cr.

61027 228 LAB, 16:40-17:30 Th, Tate Hall B63, In Person Term Based; 4 cr.

61028 226 LAB, 13:25-15:20 Th, Tate Hall B72, In Person Term Based; 4 cr.

61029 224 LAB, 11:15-13:10 Th, Tate Hall B63, In Person Term Based; 4 cr.

61030 222 LAB, 16:40-18:35 W, Tate Hall B72, In Person Term Based; 4 cr.

61031 211 DIS, 9:05- 9:55 Th, Scott Hall 4, In Person Term Based; 4 cr.

61032 209 DIS, 9:05- 9:55 Th, Blegen Hall 225, In Person Term Based; 4 cr.

61033 213 DIS, 9:05- 9:55 Th, Blegen Hall 205, In Person Term Based; 4 cr.

61034 219 DIS, 10:10-11:00 Th, Akerman Hall 327, In Person Term Based; 4 cr.

61035 221 DIS, 10:10-11:00 Th, Bruininks Hall 420B, In Person Term Based; 4 cr.

61036 223 DIS, 10:10-11:00 Th, Blegen Hall 240, In Person Term Based; 4 cr.

61037 225 DIS, 10:10-11:00 Th, Blegen Hall 415, In Person Term Based; 4 cr.

61038 227 DIS, 10:10-11:00 Th, Amundson Hall 104, In Person Term Based; 4 cr.

61039 229 DIS, 10:10-11:00 Th, Scott Hall 4, In Person Term Based; 4 cr.

61040 231 DIS, 10:10-11:00 Th, Tate Hall B50, In Person Term Based; 4 cr.

61041 204 LAB, 13:25-15:20 M, Tate Hall B26, In Person Term Based; 4 cr.

61042 210 LAB, 15:35-17:30 T, Tate Hall B63, In Person Term Based; 4 cr.

61043 214 LAB, 11:15-13:10 W, Tate Hall B63, In Person Term Based; 4 cr.

61044 220 LAB, 14:30-16:25 W, Tate Hall B26, In Person Term Based; 4 cr.

66364 611 DIS, 19:40-20:30 M, Tate Hall B45, In Person Term Based; 4 cr.

66365 612 LAB, 13:25-15:20 W, Tate Hall B63, In Person Term Based; 4 cr.

66366 613 DIS, 19:40-20:30 M, Ford Hall 170, In Person Term Based; 4 cr.

66367 614 LAB, 15:35-17:30 W, Tate Hall B23, In Person Term Based; 4 cr.

66368 631 DIS, 20:45-21:35 M, Tate Hall B45, In Person Term Based; 4 cr.

66369 632 LAB, 18:50-20:45 Th, Tate Hall B72, In Person Term Based; 4 cr.

66370 633 DIS, 20:45-21:35 M, Ford Hall 170, In Person Term Based; 4 cr.

66371 634 LAB, 9:05-11:00 F, Tate Hall B63, In Person Term Based; 4 cr.

67991 341 DIS, 11:15-12:05 Th, Vincent Hall 213, In Person Term Based; 4 cr.

67992 342 LAB, 13:25-15:20 Th, Tate Hall B26, In Person Term Based; 4 cr.

1402V Honors Physics II

(A-F only; Prereq: 1401V, honors student or permission of University Honors Program(PHYS,WI))

58478 002 DIS, 11:15-12:05 Th, Tate Hall B45, In Person Term Based; 4 cr.

58479 003 DIS, 11:15-12:05 Th, Tate Hall B55, In Person Term Based; 4 cr.

58480 004 DIS, 11:15-12:05 Th, Blegen Hall 415, In Person Term Based; 4 cr.

58481 005 DIS, 12:20-13:10 Th, Tate Hall 110, In Person Term Based; 4 cr.

58482 101 LAB, 9:05-11:00 M, Tate Hall B82, In Person Term Based; Meets With: 101 PHYS 1502V; 4 cr.

58483 102 LAB, 14:30-16:25 M, Tate Hall B82, In Person Term Based; Meets With: 102 PHYS 1502V; 4 cr.

58484 103 LAB, 16:40-18:35 M, Tate Hall B82, In Person Term Based; Meets With: 103 PHYS 1502V; 4 cr.

58485 104 LAB, 8:00- 9:55 T, Tate Hall B82, In Person Term Based; Meets With: 104 PHYS 1502V; 4 cr.

58486 105 LAB, 14:30-16:25 T, Tate Hall B82, In Person Term Based; Meets With: 105 PHYS 1502V; 4 cr.

58487 106 LAB, 16:40-18:35 T, Tate Hall B82, In Person Term Based; Meets With: 106 PHYS 1502V; 4 cr.

59056 001 LEC, 11:15-12:05 MTWF, Tate Hall B20, In Person Term Based; James Kakalios ; 4 cr.

60095 107 LAB, 8:00- 9:55 W, Tate Hall B82, In Person Term Based; Meets With: 107 PHYS 1502V; 4 cr.

60207 006 DIS, 12:20-13:10 Th, Tate Hall B55, In Person Term Based; 4 cr.

60208 007 DIS, 12:20-13:10 Th, Folwell Hall 18, In Person Term Based; 4 cr.

61119 108 LAB, 14:30-16:25 W, Tate Hall B82, In Person Term Based; 4 cr.

61120 109 LAB, 9:05-11:00 Th, Tate Hall B82, In Person Term Based; 4 cr.

61121 110 LAB, 15:35-17:30 Th, Tate Hall B82, In Person Term Based; 4 cr.

61122 111 LAB, 17:35-19:40 Th, Tate Hall B82, In Person Term Based; 4 cr.

61123 112 LAB, 9:05-11:00 F, Tate Hall B82, In Person Term Based; 4 cr.

1902 Nanotechnology

(A-F or Audit;)

66589 001 LEC, 10:10-11:00 MW, Physics & Nanotechnology 110, In Person Term Based; Eric Ganz ; 2 cr.

1907 The Physics of Warfare

(Student Option;)

66590 001 LEC, 9:20-11:00 T, Physics & Nanotechnology 120, In Person Term Based; Allen Goldman ; 2 cr.

1910W What is Time?**(Student Option; WI)**

66591 001 LEC, 10:10-11:00 MW, Tate Hall B55, In Person Term Based; J Halley ; 2 cr.

2303 Physics III: Physics of Matter

(Student Option; Prereq: 1302, [MATH 1272 or MATH 1372 or MATH 1572H], [MatSci or EE] student)

58477 001 LEC, 15:35-16:25 MTWF, Tate Hall B50, In Person Term Based; Cheng-Cher Huang ; 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])

59160 001 LEC, 14:30-15:20 MWF, Tate Hall 105, In Person Term Based; Aleksey Cherman ; 4 cr.

59161 003 DIS, 8:00- 8:50 T, Tate Hall B45, In Person Term Based; 4 cr.

59162 004 DIS, 9:05- 9:55 T, Tate Hall B45, In Person Term Based; 4 cr.

59163 005 DIS, 10:10-11:00 T, Tate Hall B45, In Person Term Based; 4 cr.

60066 006 DIS, 11:15-12:05 T, Tate Hall B45, In Person Term Based; 4 cr.

60336 007 DIS, 13:25-14:15 T, Tate Hall B85, In Person Term Based; 4 cr.

3022 Introduction to Cosmology

(Student Option; Prereq: 2601)

60729 001 LEC, 12:20-13:10 MWF, Tate Hall 110, In Person Term Based; Paul Haines ; 3 cr.

3041 Mathematical Methods for Physicists

(Student Option; Prereq: PHYS 1302, MATH 2373 (or equivalent courses))

61057 001 LEC, 13:25-14:15 MWF, Nicholson Hall 35, In Person Term Based; Yongzhong Qian ; 3 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)

60335 001 LAB, 9:05-12:05 MW, Tate Hall B80, In Person Term Based; Steven Brehmer ; 4 cr.

3605W Modern Physics Laboratory

(Student Option; Prerequisites: completion (or concurrent registration) in PHYS 2503 or 2503H.WI)

61058 001 LEC, 12:20-13:10 T, Tate Hall 110, In Person Term Based; Vlad Pribiag ; 3 cr.

61061 002 LAB, 8:00-11:00 M, Tate Hall B40, In Person Term Based; 3 cr.

61062 003 LAB, 8:00-11:00 T, Tate Hall B40, In Person Term Based; 3 cr.

61063 004 LAB, 10:10-13:10 W, Tate Hall B40, In Person Term Based; 3 cr.

61064 005 LAB, 9:05-12:05 Th, Tate Hall B40, In Person Term Based; 3 cr.

68664 007 LAB, 10:10-13:10 F, Tate Hall B30, In Person Term Based; 3 cr.

3993 Directed Studies

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

58675 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

3994 Directed Research

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

58678 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)

60804 001 LEC, 12:20-13:10 MWF, Bruininks Hall 530A, In Person Term Based; Ken Heller ; 4 cr.

60805 002 DIS, 12:20-13:10 Th, Bruininks Hall 420A, 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)

58488 001 LEC, 10:10-11:00 MWF, Tate Hall 110, In Person Term Based; Rafael Fernandes ; 4 cr.

59104 002 DIS, 8:00- 8:50 T, Tate Hall B55, In Person Term Based; Meets With: 003 PHYS 4002; 4 cr.

59127 003 DIS, 8:00- 8:50 T, Tate Hall B55, In Person Term Based; Meets With: 002 PHYS 4002; 4 cr.

60067 004 DIS, 9:05- 9:55 T, Vincent Hall 213, In Person

Term Based; Meets With: 005 PHYS 4002; 4 cr.

60325 005 DIS, 9:05- 9:55 T, Vincent Hall 213, In Person

Term Based; Meets With: 004 PHYS 4002; 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)

60770 001 LEC, 9:05- 9:55 MWF, Tate Hall B45, In Person Term Based; Elias Puchner ; 5 cr.

60771 002 LAB, 8:00- 9:55 TTh, Tate Hall B30, In Person Term Based; 5 cr.

60772 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)

58489 001 LEC, 14:30-15:20 MWF, Tate Hall 110, In Person Term Based; E Dahlberg ; 5 cr.

58490 002 LAB, 10:10-12:05 TTh, Tate Hall B30, In Person Term Based; 5 cr.

58491 003 LAB, 12:20-14:15 MW, Tate Hall B30, In Person Term Based; 5 cr.

59091 004 LAB, 14:30-16:25 TTh, Tate Hall B30, In Person Term Based; 5 cr.

60068 005 LAB, 8:00- 9:55 MW, Tate Hall B30, In Person Term Based; 5 cr.

4101 Quantum Mechanics

(Student Option; Prereq: [2303 or 2601 or Chem 3502], two sems soph math)

68733 101 DIS, 11:15-12:05 Th, Akerman Hall 227, In Person Term Based; 4 cr.

68734 102 DIS, 12:20-13:10 Th, Akerman Hall 327, In Person Term Based; 4 cr.

68735 100 LEC, 11:15-12:05 MWF, Tate Hall 110, In Person Term Based; 4 cr.

4121W History of 20th-Century Physics

(Student Option; WI)

60787 001 LEC, 16:40-19:20 Th, Tate Hall B55, In Person Term Based; Meets With: 001 HSCI 4121W; Michel Janssen ; 3 cr.

4211 Introduction to Solid-State Physics

(Student Option; Prereq: 4101, 4201)

58492 001 LEC, 11:15-12:30 TTh, Physics & Nanotechnology 110, In Person Term Based; Natalia Perkins ; 3 cr.

4303 Electrodynamics and Waves

(Student Option; Prereq: 4001, 4002)

66536 001 LEC, 15:35-16:25 MWF, Tate Hall 110, In Person Term Based; Oriol Valls ; 3 cr.

4501 Experimental Project

(Student Option; Prereq: 4052, instr consent)

58493 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

4511 Introduction to Nuclear and Particle Physics

(Student Option; Prereq: 4101)

59079 001 LEC, 12:20-13:10 MWF, Tate Hall B85, In Person Term Based; Priscilla Cushman ; 3 cr.

4621 Introduction to Plasma Physics

(Student Option; Prereq: [4001, 4002] or equiv or instr consent)

66537 001 LEC, 13:25-14:15 MWF, Tate Hall B45, In Person Term Based; John Wygant ; 3 cr.

4811 Introduction to General Relativity

(Student Option; Prereq: PHYS 4001 and (PHYS 2503 or 2503H))

66538 001 LEC, 13:00-14:15 TTh, Akerman Hall 319, In Person Term Based; Vuk Mandic ; 3 cr.

4911 Introduction to Biopolymer Physics

(Student Option; Prereq: [2303, 2403H, 2503] or Chem 3501 or instr consent)

60934 001 LEC, 13:00-14:15 TTh, 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)

59129 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)

60407 001 LEC, 16:40-17:30 M, Tate Hall B55, In Person Term Based; 1 cr.

4993 Directed Studies

(Student Option; Prereq: instr consent)

59706 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

4994 Directed Research

(Student Option; Prereq: instr consent)

59707 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

5002 Quantum Mechanics II

(Student Option; Prereq: 5001 or equiv)

58683 001 LEC, 9:05- 9:55 MWF, Tate Hall B65, In Person Term Based; Fiona Burnell ; 4 cr.

60076 002 DIS, 8:00- 8:50 T, Tate Hall B65, In Person Term Based; 4 cr.

60077 003 DIS, 9:05- 9:55 T, Tate Hall B65, In Person Term Based; 4 cr.

5012 Classical Physics II

(Student Option; Prereq: 5011 or instr consent)

58684 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)

60576 001 LEC, 13:25-15:20 F, Tate Hall B65, 13:25-14:15 MW, Tate Hall 110, In Person Term Based; Joseph Kapusta ; 4 cr.

5072 Best Practices in College Physics Teaching

(Student Option;)

59842 001 DIS, 16:40-17:30 M, Tate Hall 201-20, In Person Term Based; Gregory Pawloski ; 1-3 cr.

5081 Introduction to Biopolymer Physics

(Student Option; Prereq: working knowledge of [thermodynamics, statistical mechanics])

60935 001 LEC, 13:00-14:15 TTh, 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)

60334 001 LEC, 9:45-11:00 TTh, Kolthoff Hall 137, 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)

58679 001 LEC, 15:35-17:45 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)

60244 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)

60065 001 LEC, 16:40-17:30 F, Tate Hall 110, In Person Term Based; Ke Wang ; 1 cr.

5993 Directed Studies

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

58676 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

5994 Directed Research

(Student Option; Prereq: Jr, dept consent)

58677 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)

58693 001 LEC, 12:20-13:10 MWF, Tate Hall 120, In Person Term Based; Serge Rudaz ; 3 cr.

8100 Seminar: Problems of Physics Teaching and Higher Education

(Student Option;)

58891 001 LEC, 15:35-16:25 F, Tate Hall B55, In Person Term Based; 1 cr.

8200 Seminar: Cosmology and High Energy Astrophysics

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

59188 001 LEC, 12:20-13:10 M, Tate Hall 301-20, In Person Term Based; 1 cr.

8300 Seminar: Biological and Medical Physics.

(S-N or Audit; Prereq: instr consent)
60257 001 LEC, 10:10-11:00 T, Bruininks Hall 432, In Person Term Based; Elias Puchner ; 1 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
58946 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)
58962 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)
58691 001 IND, 00:00-00:00 , , In Person Term Based; 4 cr.

8600 Seminar: Space Physics

(S-N or Audit;)
58687 001 LEC, 12:20-13:10 T, Tate Hall 301-20, 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)
58980 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)
58688 001 LEC, 13:25-15:20 W, Physics & Nanotechnology 110, In Person Term Based; 1 cr.

8702 Statistical Mechanics and Transport Theory

(Student Option; Prereq: 5201 or instr consent)
60863 001 LEC, 13:00-14:15 TTh, Tate Hall B65, In Person Term Based; J Halley ; 3 cr.

8712 Solid-State Physics II

(Student Option; Prereq: 8711 or instr consent)
58685 001 LEC, 15:35-16:25 MWF, Tate Hall B65, In Person Term Based; Boris Shklovskii ; 3 cr.

8750 Advanced Topics in Condensed Matter Physics

(Student Option; Prereq: 8712 or instr consent)
68759 001 LEC, 13:25-14:15 Th, Appleby Hall 226, 14:30-16:40 T, Appleby Hall 219, In Person Term Based; Martin Greven ; 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])
58997 001 IND, 00:00-00:00 , , In Person Term Based; 1-18 cr.

8800 Seminar: Nuclear Physics

(S-N or Audit;)
58689 001 LEC, 11:00-12:15 F, Tate Hall B85, In Person Term Based; Yongzhong Qian ; 1 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
68645 100 LEC, In Person Term Based; 1-24 cr.

8900 Seminar: Elementary Particle Physics

(S-N or Audit;)
58690 001 LEC, 15:35-16:25 W, Physics & Nanotechnology 110, In Person Term Based; 1 cr.

8902 Elementary Particle Physics II

(Student Option; Prereq: 8901 or instr consent)
58686 001 LEC, 16:30-17:45 MW, Tate Hall B45, In Person Term Based; Tony Gherghetta ; 3 cr.

8994 Research in Physics

(Student Option; Prereq: instr consent)
58692 001 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

3051 Human Physiology

(Student Option; Prereq: [BIOL 1009 or 1 yr college biol], 1 yr college chem)
61482 001 LEC, 14:30-15:20 MWF, Moos Health Sci Tower 2-650, In Person Term Based; Dalay Olson ; 4 cr.
61483 002 LAB, 9:05-11:00 T, Moos Health Sci Tower 3-110, In Person Term Based; Dalay Olson ; 4 cr.
61777 005 LAB, 15:35-17:30 T, Moos Health Sci Tower 3-110, In Person Term Based; 4 cr.
61816 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)
61643 001 IND, 00:00-00:00 , , Independent/Directed Study; Vincent Barnett ; 1-5 cr.
68693 002 IND, In Person Term Based; Vincent Barnett ; 1-5 cr.

4021 Advanced Physiology and Bioengineering: Bionic Human

(A-F only;)
61820 001 LEC, 11:15-12:30 TTh, Bruininks Hall 131A, 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)
61846 001 DIS, 9:45-11:15 Th, Mayo Bldg & Additions 3-100, 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.)
61480 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.)
62509 001 DIS, In Person Term Based; 2 cr.

4900 Advanced Physiology Teaching Laboratory

(A-F only; Prereq: [3051 or [3061, 3071]], instr consent)
61916 001 LAB, 12:20-13:10 M, Bruininks Hall 131A, In Person Term Based; Lisa Anderson, Susan Keirstead ; 1-6 cr.

5094 Research in Physiology

(Student Option; Prereq: instr consent)
61560 001 IND, 00:00-00:00 , , Independent/Directed Study; Vincent Barnett ; 1-5 cr.
61644 002 IND, 00:00-00:00 , , Independent/Directed Study; Stephen Katz ; 1-5 cr.

5095 Problems in Physiology

(Student Option; Prereq: instr consent)
61481 001 IND, 00:00-00:00 , , Independent/Directed Study; Vincent Barnett ; 1-5 cr.
61645 002 IND, 00:00-00:00 , , Independent/Directed Study; Stephen Katz ; 1-5 cr.

5096 Integrative Biology and Physiology Research Advances

(A-F only; Prereq: instr consent)
61913 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)
61637 001 LEC, 10:10-11:00 TThF, AHC ROOM TBA, 10:10-11:00 M, AHC ROOM TBA, 9:05-11:00 Th, AHC ROOM TBA, 10:10-11:00 TTh, AHC ROOM TBA, 10:10-11:00 M, AHC ROOM TBA, 10:10-11:00 WF, AHC ROOM TBA, 14:30-15:20 W, AHC ROOM TBA, 11:15-12:05 M, AHC ROOM TBA, 10:10-11:00 ThF, AHC ROOM TBA, 7:45- 8:35 M, AHC ROOM TBA, 9:05-11:00 Th, AHC ROOM TBA, 11:15-12:05 M, AHC ROOM TBA, 14:30-15:20 W, AHC ROOM TBA, 10:10-11:00 TTh, AHC ROOM TBA, 14:30-15:20 W, AHC ROOM TBA, 9:00-12:00 F, AHC ROOM TBA, 10:10-11:00 M, AHC ROOM TBA, 14:30-15:20 W, AHC ROOM TBA, 10:10-11:00 M, AHC ROOM TBA, 15:35-16:25 W, AHC ROOM TBA, 10:10-11:00 MF, AHC ROOM TBA, 14:30-15:20 W, AHC ROOM TBA, 10:10-11:00 Th, AHC ROOM TBA, 8:00- 8:50 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, 7:45- 8:35 M, AHC ROOM TBA, 15:35-16:25 W, AHC ROOM TBA, 10:10-11:00 Th, AHC ROOM

TBA, 10:10-11:00 MF, AHC ROOM TBA, 14:30-15:20 W, AHC ROOM TBA, 10:10-11:00 Th, AHC ROOM TBA, 8:00-11:00 M, AHC ROOM TBA, In Person Term Based; 5 cr.
61638 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 M, Moos Health Sci Tower 3-110, 13:25-17:30 M, Moos Health Sci Tower 3-110, In Person Term Based; 5 cr.
61639 003 LAB, In Person Term Based; 5 cr.

5116 Clinical Physiology II

(A-F or Audit; Prereq: instr consent)
61720 001 LEC, 9:05-12:05 F, Bruininks Hall 420A, 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.)
61923 001 DIS, 10:10-11:00 T, AHC ROOM TBA, 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)
61604 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.
62202 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)
61641 001 LAB, 7:30-20:00 M, Mayo Bldg & Additions Auditori, 8:00-15:00 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)
61869 001 LAB, 8:00-14:00 WThF, Nils Hasselmo Hall 2-101, In Person Term Based; Mark Cook ; 1-2 cr.

6051 Systems Physiology

(A-F or Audit; Prereq: [Prev or current] neuroscience course; [biochemistry, human anatomy] recommended)
61470 001 LEC, 13:00-14:55 F, Moos Health Sci Tower 2-690, 13:00-14:55 F, Moos Health Sci Tower 2-690, 13:00-14:55 WF, Moos Health Sci Tower 2-690, 13:00-14:55 F, Moos Health Sci Tower 2-690, 13:00-14:55 WF, Moos Health Sci Tower 2-690, 13:00-14:55 WF, Moos Health Sci Tower 2-690, 13:00-14:55 W, Moos Health Sci Tower 2-690, 13:00-14:55 M, Moos Health Sci Tower 2-690, 13:00-14:55 MW, Moos Health Sci Tower 2-690, In Person Term Based; Lisa Anderson ; 4 cr.
61471 002 LAB, 13:00-14:55 W, Moos Health Sci Tower 3-110, 13:00-14:55 W, Moos Health Sci Tower 3-110, 13:00-14:55 W, Moos Health Sci Tower 3-110, 13:00-14:55 W, 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;)
61729 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)
61900 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)
61899 001 IND, Independent/Directed Study; 2 cr.

8294 Research in Physiology

(Student Option; Prereq: Grad cellular and integrative Phsl major, instr consent)
61488 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)
61575 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

Physiology (PHSL)

8444 FTE: Doctoral

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

61585 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)

61594 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])

61602 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)

61603 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)

56189 001 LEC, 10:40-11:30 MW, Borlaug Hall 365, In Person Term Based; Ruth Dill-Macky ; 3 cr.
56190 002 LAB, 11:45-13:40 W, Plant Growth Facility 136, In Person Term Based; Ruth Dill-Macky ; 3 cr.
56191 003 LAB, 15:00-16:55 W, Plant Growth Facility 136, In Person Term Based; Ruth Dill-Macky ; 3 cr.**2003 Plague, Famine, and Beer: The Impact of Microscopic Organisms on Human Civilization**

(Student Option; HIS)

56774 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Brett Arenz ; 3 cr.

3003 Diseases of Forest and Shade Trees

(Student Option;)

56188 001 LEC, 8:30- 9:20 MW, Borlaug Hall 365, In Person Term Based; Meets With: 001 PLPA 5003; Robert Blanchette ; 3 cr.
56600 002 LAB, 15:10-17:00 W, Borlaug Hall 295, In Person Term Based; Meets With: 002 PLPA 5003; Robert Blanchette ; 3 cr.**3090 Research in Plant Pathology**

(Student Option;)

56322 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)

56311 001 FWK, 00:00-00:00 , , In Person Term Based; 1-3 cr.

5003 Diseases of Forest and Shade Trees

(Student Option;)

56352 001 LEC, 8:30- 9:20 MW, Borlaug Hall 365, In Person Term Based; Meets With: 001 PLPA 3003; Robert Blanchette ; 3 cr.
56353 002 LAB, 15:10-17:00 W, Borlaug Hall 295, In Person Term Based; Meets With: 002 PLPA 3003; Robert Blanchette ; 3 cr.**5090 Issues in Plant Pathology**

(Student Option;)

56586 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5203 Introduction to Fungal Biology

(Student Option; Prereq: BIOL 1009 or equiv)

66673 001 LEC, 8:30- 9:20 TTh, Borlaug Hall 491, In Person Term Based; Brett Arenz ; 3 cr.
65755 002 LAB, 9:35-11:30 M, Plant Growth Facility 136, In Person Term Based; Brett Arenz, Todd Burnes ; 3 cr.**5300 Current Topics in Molecular Plant Pathology**

(S-N only; Prereq: instr consent)

56730 001 LEC, 11:45-12:35 W, Stakman Hall P302, In Person Term Based; Cory Hirsch ; 1 cr.

5999 Special Topics in Plant Pathology

(Student Option;)

56691 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)

64876 001 DIS, In Person Term Based; James Kurle ; 1-2 cr.

8090 Research and Teaching in Plant Pathology

(Student Option;)

56540 001 LEC, 00:00-00:00 , , In Person Term Based; James Kurle ; 1-8 cr.

8104 Plant Virology

(A-F only; Prereq: 5480)

56674 001 LEC, 12:30-13:20 TTh, Stakman Hall P302, In Person Term Based; Benham Lockhart ; 2 cr.
56675 002 LAB, 13:30-15:30 TTh, Stakman Hall P302, In Person Term Based; Benham Lockhart ; 2 cr.**8123 Research Ethics in Plant and Environmental Sciences**

(S-N or Audit; Prereq: Enrolled in a plant/environmental grad research program)

56511 001 LEC, In Person Term Based; Meets With: 001 PMB 8123001 SOIL 8123001 APSC 8123; Ed Nater, Jessica Gutknecht ; 0.5 cr.

8200 Seminar

(A-F only;)

56262 001 LEC, 14:30-16:00 M, Borlaug Hall 335, In Person Term Based; Cory Hirsch ; 1 cr.

8300 Plant Pathology Project

(Student Option;)

56868 001 IND, In Person Term Based; 1-6 cr.

8333 FTE: Master's

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

56382 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)

56398 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)

56416 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])

56430 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)

56448 001 IND, 00:00-00:00 , , In Person Term Based; 1-24 cr.

Plant Science (PLSC)**3005W Introduction to Plant Physiology**

(Student Option; Prerequisites: Biol 1009 or Hort 1001 and BioC 3021 or Hort 2100 or BioC 2011W)

56235 001 LEC, 8:05- 9:15 TTh, Alderman Hall 415, In Person Term Based; M. Walid Sadok ; 4 cr.
56531 002 LAB, 12:50-14:45 Th, Plant Growth Facility 132, In Person Term Based; M. Walid Sadok ; 4 cr.
56652 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;)

56835 001 LEC, 8:30- 9:20 MWF, Plant Growth Facility 140A/B, In Person Term Based; Eric Watkins ; 4 cr.

Plant and Microbial Biology (PMB)**3002 Plant Biology: Function**

(Student Option; Prereq: [1002 or 1009 or 2003 or equiv], [CHEM 1011 or one semester chemistry with some organic content])

50075 001 LEC, 12:50-13:40 TTh, Andrew Boss Laboratory 125, In Person Term Based; Neil Olszewski ; 2 cr.
50181 002 LEC, 16:05-16:55 MW, Hodson Hall 495, In Person Term Based; Neil Olszewski ; 2 cr.**3005W Plant Function Laboratory**

(Student Option; WI)

50076 001 LEC, 15:00-15:50 M, Hodson Hall 495, In Person Term Based; M Marks ; 2 cr.
50077 002 LAB, 9:35-12:35 T, Biological Sciences Ctr 176, In Person Term Based; M Marks ; 2 cr.
50094 003 LAB, 17:55-20:55 T, Biological Sciences Ctr 176, In Person Term Based; M Marks ; 2 cr.
50166 005 LAB, 13:55-16:55 Th, Biological Sciences Ctr 176, In Person Term Based; M Marks ; 2 cr.
50384 004 LAB, 9:30-12:30 Th, Biological Sciences Ctr 176, In Person Term Based; M Marks ; 2 cr.**3212 Fungi - A Kingdom of Their Own**

(A-F only; Prereq: Introductory Biology course)

68254 001 LEC, 13:00-14:15 TTh, Ecology Building 150, In Person Term Based; Meets With: 001 PMB 5212; Jonathan Schilling ; 3 cr.

4121 Microbial Ecology and Applied Microbiology

(A-F or Audit; Prereq: 3301)

50164 001 LEC, 11:45-13:00 TTh, Borlaug Hall 375, In Person Term Based; Michael Sadowsky ; 3 cr.

4601 Topics in Plant Biochemistry

(A-F only; Prereq: [BIOL 1002 or BIOL 1009 or BIOL 2003], CHEM 2301)

66578 001 LEC, 10:00-11:15 WF, Biological Sciences Ctr 257, In Person Term Based; Meets With: 001 PMB 5601; Adrian Hegeman, Clay Carter, Jerry Cohen ; 3 cr.

4793W Directed Studies: Writing Intensive

(S-N or Audit; Prereq: instr consentWI)

50109 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 consentWI)

50110 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

4993 Directed Studies

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

50073 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

4994 Directed Research

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

50074 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

5212 Fungi - A Kingdom of Their Own

(A-F only;)

67339 001 LEC, 13:00-14:15 TTh, Ecology Building 150, In Person Term Based; Meets With: 001 PMB 3212; Jonathan Schilling ; 3 cr.

5601 Topics in Plant Biochemistry

(A-F or Audit; Prereq: [BIOL 1002 or BIOL 1009 or BIOL 2003], CHEM 2301)

66579 001 LEC, 10:00-11:15 WF, Biological Sciences Ctr 257, In Person Term Based; Meets With: 001 PMB 4601; Adrian Hegeman, Clay Carter, Jerry Cohen ; 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])

50180 001 LEC, In Person Term Based; Meets With: 001 SOIL 8123001 APSC 8123001 PLPA 8123; Ed Nater, Jessica Gutknecht ; 0.5 cr.

8333 FTE: Master's

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

50177 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

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

50176 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)
50174 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])
50175 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Passed prelim oral or adviser approval)
50173 001 IND, In Person Term Based; 1-24 cr.

8900 Seminar

(S-N or Audit;)
50172 001 LEC, 15:30-16:30 T, Cargill Building 105, In Person Term Based; Yaniv Brandvain; 1-2 cr.

8993 Directed Studies

(Student Option; Prereq: PBio grad student, instr consent)
50179 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

8994 Research

(Student Option; Prereq: PBio grad student, instr consent)
50178 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)
53526 001 LEC, 13:00-14:15 MW, Anderson Hall 270, In Person Term Based; Meets With: 001 POL 1001H; Scott Abernathy ; 4 cr.

1001H Honors Course: American Democracy in a Changing World

(A-F only; SOCS)
54683 001 DIS, 13:00-14:15 MW, Anderson Hall 270, In Person Term Based; Meets With: 001 POL 1001; Scott Abernathy ; 4 cr.

1019 Indigenous Peoples in Global Perspective

(A-F or Audit; GP)
55200 001 LEC, 11:15-12:30 TTh, Nicholson Hall 155, In Person Term Based; Meets With: 001 AMIN 1002; Juliana Hu Pegues, Christine DeLisle ; 3 cr.

1025 Global Politics

(Student Option; GP,SOCS)
52170 001 LEC, 10:10-11:00 MWF, Anderson Hall 370, In Person Term Based; John Freeman ; 4 cr.

1054 Puzzles in World Politics

(Student Option; GP,SOCS)
54083 001 LEC, 11:15-12:30 TTh, Blegen Hall 10, In Person Term Based; Anoop Sarbahi ; 3 cr.

1201 Political Ideas

(Student Option; CIV,HIS)
52131 001 LEC, 9:45-11:00 TTh, Anderson Hall 270, In Person Term Based; Nancy Luxon ; 3 cr.

1911 Communism, Islamism, and Democracy in Central Asia

(Student Option No Audit;)
66164 001 LEC, 11:15-12:30 MW, Blegen Hall 430, In Person Term Based; Kathleen Collins ; 3 cr.

1915 Contemporary Civil Wars

(A-F only;)
66165 001 DIS, 13:00-14:15 MW, Blegen Hall 260, In Person Term Based; Tanisha Fazal ; 3 cr.

3065 Political Engagement Careers: Planning and Preparing For Your Future

(Student Option; CIV)
55421 001 LEC, 13:00-14:15 WF, Blegen Hall 220, In Person Term Based; Paul Soper ; 3 cr.

3070 Distinguished Undergraduate Research Internship

(A-F only;)
54919 001 IND, 00:00-00:00 , , In Person Term Based; Wendy Rahn ; 2 cr.

3080 Internship in Politics or Government

(A-F only; Prereq: instr consent, dept consent)
52130 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)
53372 001 LEC, 8:15- 9:30 TTh, Blegen Hall 120, In Person Term Based; Jane Sumner ; 4 cr.
53895 002 DIS, 9:50-10:40 Th, Blegen Hall 440, In Person Term Based; Jane Sumner ; 4 cr.
54247 003 DIS, 11:00-11:50 Th, Blegen Hall 440, In Person Term Based; Jane Sumner ; 4 cr.

3108H Honors Tutorial: Thesis Preparation and Political Science Inquiry

(A-F only; Prereq: Pol sci major, honors)
54523 001 LEC, 13:00-15:25 W, Blegen Hall 415, In Person Term Based; Dan Myers ; 3 cr.

3235W Democracy and Citizenship

(Student Option; CIV,WI)
66137 001 LEC, 14:30-15:45 TTh, Blegen Hall 155, In Person Term Based; Joshua Anderson ; 3 cr.

3252W Revolution, Democracy, and Empire: Modern Political Thought

(Student Option; Prereq: Suggested prerequisite 1201AH,WI,CIV)
55178 001 LEC, 18:20-20:50 W, Blegen Hall 235, In Person Term Based; Joshua Anderson ; 3 cr.

3309 Justice in America

(Student Option; Prereq: 1001 or 1002 or instr consent)
55179 001 LEC, 9:45-11:00 TTh, Anderson Hall 330, In Person Term Based; Timothy Johnson ; 3 cr.

3319 Education and the American Dream

(A-F or Audit; DSJ,SOCS)
54684 001 LEC, 18:20-20:50 M, Blegen Hall 10, In Person Term Based; Scott Abernathy ; 3 cr.

3321 Issues in American Public Policy

(Student Option;)
55510 001 LEC, 11:15-12:30 TTh, Anderson Hall 330, In Person Term Based; Andrew Karch ; 3 cr.

3323 Political Tolerance in the United States

(Student Option;)
67178 001 LEC, 13:00-14:15 TTh, Hanson Hall 1-108, In Person Term Based; Kati Mohammad-Zadeh ; 3 cr.

3329 The Balance of Power: Federalism & Community in the United States

(Student Option;)
66955 001 LEC, 9:45-11:00 TTh, Blegen Hall 250, In Person Term Based; Andrew Karch ; 3 cr.

3477 Political Economy of Development

(Student Option; GP,SOCS)
66138 001 LEC, 18:20-20:50 M, Blegen Hall 120, In Person Term Based; Ivan Juca ; 3 cr.

3766 Political Psychology of Mass Behavior

(Student Option; SOCS)
54421 001 LEC, 13:00-14:15 MF, Blegen Hall 10, In Person Term Based; Howard Lavine ; 3 cr.

3767 Political Psychology of Elite Behavior

(Student Option; CIV)
66139 001 LEC, 9:45-11:00 MW, Blegen Hall 150, In Person Term Based; Dan Myers ; 3 cr.

3810 Topics in International Relations and Foreign Policy

(Student Option;)
66561 001 LEC, 11:15-12:30 TTh, Blegen Hall 115, In Person Term Based; Ronald Krebs ; 3 cr.

3833 The United States and the Global Economy

(Student Option;)
55684 001 LEC, 13:00-14:15 MW, Anderson Hall 230, In Person Term Based; James Hollyer ; 3 cr.

3835 International Relations

(Student Option; GP,SOCS)
52675 001 LEC, 9:45-11:00 MW, Blegen Hall 255, In Person Term Based; Bridget Marchesi ; 3 cr.

4210 Topics in Political Theory

(A-F or Audit;)
67287 001 LEC, 13:00-14:15 TTh, Blegen Hall 140, In Person Term Based; Joan Tronto ; 3 cr.

4275 Domination, Exclusion, and Justice: Contemporary Political Thought

(Student Option; Prereq: 1201 recommended)
55513 001 LEC, 16:00-17:15 TTh, Blegen Hall 115, In Person Term Based; Nancy Luxon ; 3 cr.

4335 African American Politics

(Student Option;)
55758 001 LEC, 11:15-12:30 MW, Blegen Hall 255, In Person Term Based; Meets With: 001 AFRO 4335; Michael Minta ; 3 cr.

4461W European Government and Politics

(Student Option; Prereq: 1054 or 3051 or non-pol sci grad or instr consentGP,WI)
55514 001 LEC, 14:30-15:45 TTh, Blegen Hall 317, In Person Term Based; Catherine Guisan ; 3 cr.

4463 The Cuban Revolution Through the Words of Cuban Revolutionaries

(Student Option; Prereq: 1025 or 1054 or equivGP)
55515 001 LEC, 18:20-20:50 T, Blegen Hall 210, In Person Term Based; August Nimtz Jr ; 3 cr.

4478W Contemporary Politics in Africa and the Colonial Legacy

(Student Option; Prereq: 1054 or 3051 or non-pol sci grad or instr consentGP,WI)
66141 001 LEC, 14:30-15:45 MW, Blegen Hall 210, In Person Term Based; Meets With: 001 AFRO 4478W; Josef Woldense ; 3 cr.

4487 The Struggle for Democratization and Citizenship

(Student Option;)
53564 001 LEC, 18:20-20:50 Th, Blegen Hall 210, In Person Term Based; August Nimtz Jr ; 4 cr.

4497 Patronage & Corruption

(Student Option; GP)
66188 001 LEC, 13:00-14:15 TTh, Blegen Hall 130, In Person Term Based; James Hollyer ; 3 cr.

4502W The Supreme Court, Civil Liberties, and Civil Rights

(Student Option; CIV,WI)
52168 001 LEC, 8:15- 9:30 TTh, Blegen Hall 150, In Person Term Based; Timothy Johnson ; 3 cr.

4737W American Political Parties

(Student Option; Prereq: 1001 or equiv or instr consentWI)
66142 001 LEC, 11:15-12:30 TTh, Blegen Hall 120, In Person Term Based; Paul Goren ; 4 cr.

4810 Topics in International Politics and Foreign Policy

(Student Option;)
66759 001 LEC, 9:45-11:00 MW, Hubert H. Humphrey School 60, In Person Term Based; Helen Kinsella ; 3 cr.

4885W International Conflict and Security

(Student Option; GP,WI)
66143 001 DIS, 18:20-20:50 T, Blegen Hall 120, In Person Term Based; Ronald Krebs ; 4 cr.

4900H Honors Thesis

(A-F only;)
52997 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.)
52778 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

4991 Political Science Capstone

(A-F only;)
66268 001 DIS, 11:15-12:30 MW, Blegen Hall 115, In Person Term Based; Scott Abernathy ; 3 cr.

5970 Individual Reading and Research

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

55112 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8060 Research Proseminar in Political Science

(Student Option No Audit;)
54242 001 LEC, 11:15-12:45 W, Social Sciences Building 1314, In Person Term Based; David Samuels ; 2 cr.

8104 Professional Development I

(S-N only; Prereq: 1st year Pol graduate student)
54860 001 LEC, 9:00-10:55 W, Social Sciences Building 1314, In Person Term Based; Kathryn Pearson ; 2 cr.

8107 Quantitative Political Science II

(A-F only; Prereq: Political science grad major or instr consent)
54471 001 LEC, 10:00-12:20 T, Social Sciences Building 1383, In Person Term Based; Christopher Federico ; 3 cr.

8124 Game Theory

(Student Option; Prereq: [8122, grad pol sci major] or instr consent)
66145 001 LEC, 15:35-17:20 T, Social Sciences Building 1383, In Person Term Based; James Hollyer ; 3 cr.

8160 Topics in Models and Methods

(Student Option;)
66148 002 LEC, 11:00-13:00 F, Hubert H. Humphrey School 20, In Person Term Based; John Freeman ; 3 cr.
66963 003 LEC, 13:30-15:30 W, Social Sciences Building 1450, In Person Term Based; John Freeman ; 3 cr.

8251 Ancient and Medieval Political Thought

(Student Option; Prereq: Grad pol sci major or instr consent)
66149 001 LEC, 15:35-17:20 M, Social Sciences Building 1383, In Person Term Based; Robert Nichols ; 3 cr.

8308 Proseminar in Political Psychology II

(Student Option;)
52169 001 LEC, 9:00-10:55 F, Social Sciences Building 1314, In Person Term Based; Meets With: 001 PSY 8212; Howard Lavine, Eugene Borgia ; 2 cr.

8312 Legislative Process

(Student Option; Prereq: Grad pol sci major or instr consent)
66150 001 LEC, 13:25-15:20 M, Social Sciences Building 1383, In Person Term Based; Michael Minta ; 3 cr.

8405 International Political Economy

(A-F or Audit; Prereq: Grad pol sci major or instr consent)
66151 001 LEC, 15:35-17:20 Th, Social Sciences Building 1383, In Person Term Based; John Freeman ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and director of graduate studies consent)
52824 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8460 Topics in International Relations

(Student Option;)
66152 001 LEC, 13:25-15:20 M, Social Sciences Building 1450, In Person Term Based; Helen Kinsella ; 3 cr.

8621 Comparative and Case Study

Methods
(Student Option No Audit;)
66153 001 LEC, 15:25-17:20 M, Social Sciences Building 1450, In Person Term Based; Kathleen Collins ; 2 cr.

8660 Topics in Comparative Politics

(Student Option;)
66154 001 LEC, 11:00-12:55 F, Social Sciences Building 1383, In Person Term Based; Anoop Sarbahi ; 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)
52849 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)
52901 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)
52216 001 IND, In Person Term Based; 1-7 cr.

Portuguese (PORT)

1102 Beginning Portuguese

(Student Option; Prereq: 1101 or instr consent)
52674 001 LEC, 9:05- 9:55 MTWTh, Folwell Hall 4, In Person Term Based; Dora Dias ; 5 cr.

3001 Portuguese for Spanish Speakers

(Student Option; Prereq: [SPAN 1004 or SPAN 1014 or SPAN 1044, SPAN LPE pass] or instr consent)
52241 001 LEC, 12:20-14:15 MW, Kolthoff Hall 139, In Person Term Based; Dora Dias ; 4 cr.
53306 002 LEC, 14:30-16:25 TTh, Folwell Hall 28, In Person Term Based; Dora Dias ; 4 cr.

3003 Portuguese Conversation and Composition

(Student Option; Prereq: 1104 or 3001 or Port LPE)
52242 001 DIS, 10:10-12:05 MW, Folwell Hall 119, In Person Term Based; Marilena Mattos ; 4 cr.

3502W Global Portuguese: 1900-present

(Student Option; Prereq: 3003WI)
54472 001 LEC, 9:45-11:00 MW, Folwell Hall 317, In Person Term Based; Ana Paula Ferreira ; 3 cr.

3910 Topics in Lusophone Literatures

(Student Option; Prereq: 3003)
68240 001 LEC, 13:00-14:15 MW, Folwell Hall 317, In Person Term Based; Meets With: 001 PORT 5910; Ana Paula Ferreira ; 3 cr.

5910 Topics in Lusophone Cultures and Literatures

(Student Option;)
66844 001 LEC, 13:00-14:15 MW, Folwell Hall 317, In Person Term Based; Meets With: 001 PORT 3910; Ana Paula Ferreira ; 3 cr.

5990 Directed Research

(Student Option; Prereq Grad student or instr consent.)
53625 001 IND, 00:00-00:00 , , In Person Term Based; Ana Paula Ferreira ; 1-4 cr.
53626 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)
52802 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])
52875 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;)
51826 001 DIS, 16:30-17:45 TTh, McNeal Hall 375, In Person Term Based; Meets With: 001 FSOS 5702; Timothy Piehler ; 3 cr.

8003 New Topics in Prevention:

Implementation and Dissemination
(A-F or Audit;)
51827 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;)

49906 001 LEC, 18:00-19:55 MW, Rapson Hall 56, In Person Term Based; 3 cr.

2703 Concept Visualization and Presentation 1

(A-F only;)
49956 002 LEC, 11:15-13:10 MW, Rapson Hall 33, In Person Term Based; 3 cr.
65937 003 LEC, 15:35-17:30 MW, Rapson Hall 33, In Person Term Based; 3 cr.
65938 004 LEC, 16:00-17:55 TTh, Rapson Hall 109, In Person Term Based; 3 cr.

2772 Product Design Studio 2

(A-F only;)
49965 001 LAB, 9:05-12:05 MW, Rapson Hall 31, In Person Term Based; Ehsan Naderi ; 4 cr.
65939 002 LAB, 9:05-12:05 TTh, Rapson Hall 31, In Person Term Based; Ehsan Naderi ; 4 cr.

2777 Product Form and Model Making

(A-F only;)
49966 001 LAB, 18:00-21:00 M, Rapson Hall 45, In Person Term Based; 2 cr.
49967 003 LAB, 18:00-21:00 W, Rapson Hall 45, In Person Term Based; 2 cr.
49972 002 LAB, 18:00-21:00 T, Rapson Hall 56, In Person Term Based; 2 cr.

3196 Product Design Internship

(S-N only; Prereq: PDES major, 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)
68503 001 IND, In Person Term Based; Ehsan Naderi ; 1 cr.
68504 002 IND, In Person Term Based; Barry Kudrowitz ; 1 cr.

3705 History and Future of Product Design

(A-F only;)
49899 001 LEC, 13:00-14:15 TTh, Rapson Hall 43, In Person Term Based; Meets With: 001 PDES 5705; 3 cr.

3706 Designing for Manufacture

(A-F only;)
65940 001 LEC, 14:30-16:10 Th, Rapson Hall 56, In Person Term Based; Stephen Allard ; 4 cr.
65941 002 LAB, 14:30-17:00 T, Rapson Hall 37, In Person Term Based; Stephen Allard ; 4 cr.
66263 003 LAB, 17:45-20:15 T, Rapson Hall 37, In Person Term Based; Stephen Allard ; 4 cr.

3711 Toy Product Design

(A-F only;)
49824 001 LEC, 16:00-17:30 MW, Rapson Hall 56, In Person Term Based; Meets With: 001 PDES 5711; Barry Kudrowitz ; 4 cr.
49827 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)
49913 001 IND, In Person Term Based; Barry Kudrowitz ; 1-4 cr.
49914 002 IND, In Person Term Based; 1-4 cr.

4702W Capstone Design Studio

(A-F only; WI)
49957 001 LEC, 9:05-12:05 TTh, Rapson Hall 37, In Person Term Based; Stephen Allard ; 4 cr.

5193 Directed Study in Product Design

(A-F or Audit; Prereq: Grad, instr consent)
49901 001 IND, In Person Term Based; Barry Kudrowitz ; 1-4 cr.

5705 History and Future of Product Design

(A-F only;)
49900 001 LEC, 13:00-14:15 TTh, Rapson Hall 43, In Person Term Based; Meets With: 001 PDES 3705; 3 cr.

5711 Toy Product Design

(A-F only;)
49825 001 LEC, 16:00-17:30 MW, Rapson Hall 56, In Person Term Based; Meets With: 001 PDES 3711; Barry Kudrowitz ; 4 cr.
49826 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)
49857 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)

49858 001 IND, In Person Term Based; Barry Kudrowitz ; 1-4 cr.

Prosthodontics (PROS)**7110 Classic Prosthodontic Literature Review**

(A-F only; Prereq: instr consent)

56957 001 LEC, 00:00-00:00 , , In Person Term Based; Heather Conrad ; 2 cr.

7200 Advanced Clinical Prosthodontics I

(A-F only; Prereq: instr consent)

56958 001 FWK, 00:00-00:00 , , In Person Term Based; Heather Conrad ; 5 cr.

Psychology (PSY)**1001 Introduction to Psychology**

(Student Option; SOCS)

52136 001 LEC, 13:25-14:15 MWF, Willey Hall 175, In Person Term Based; Liza Meredith ; 4 cr.
 52137 002 DIS, 10:10-11:00 M, Bruininks Hall 530A, In Person Term Based; 4 cr.
 52138 003 DIS, 11:15-12:05 M, Bruininks Hall 530A, In Person Term Based; 4 cr.
 52139 004 DIS, 14:30-15:20 M, Bruininks Hall 131A, In Person Term Based; 4 cr.
 52140 005 DIS, 10:10-11:00 T, Bruininks Hall 530A, In Person Term Based; 4 cr.
 52141 006 DIS, 11:15-12:05 T, Bruininks Hall 530A, In Person Term Based; 4 cr.
 52142 007 DIS, 13:25-14:15 T, Bruininks Hall 530A, In Person Term Based; 4 cr.
 52143 008 DIS, 14:30-15:20 T, Bruininks Hall 530A, In Person Term Based; 4 cr.
 52144 009 DIS, 9:05- 9:55 W, Bruininks Hall 530A, In Person Term Based; 4 cr.
 52145 010 DIS, 10:10-11:00 W, Bruininks Hall 530A, In Person Term Based; 4 cr.
 52146 011 DIS, 11:15-12:05 W, Bruininks Hall 530A, In Person Term Based; 4 cr.
 52147 012 DIS, 14:30-15:20 W, Bruininks Hall 420B, In Person Term Based; 4 cr.
 52148 013 DIS, 10:10-11:00 Th, Bruininks Hall 530A, In Person Term Based; 4 cr.
 52149 014 DIS, 11:15-12:05 Th, Bruininks Hall 530A, In Person Term Based; 4 cr.
 52150 015 DIS, 13:25-14:15 Th, Bruininks Hall 530A, In Person Term Based; 4 cr.
 52151 019 LEC, 00:00-00:00 , ONLINE, Partially Online; Liza Meredith ; 4 cr.
 53495 017 DIS, 10:10-11:00 F, Bruininks Hall 530A, In Person Term Based; 4 cr.
 53496 018 DIS, 11:15-12:05 F, Bruininks Hall 530A, In Person Term Based; 4 cr.
 54205 021 DIS, 13:25-14:15 Th, Bruininks Hall 420B, Partially Online; 4 cr.
 54602 022 LEC, 00:00-00:00 , ONLINE, Completely Online; Chloe Huelsnitz ; 4 cr.
 55318 020 DIS, 8:00- 8:50 Th, Bruininks Hall 530A, Partially Online; 4 cr.
 66177 016 DIS, 14:30-15:20 Th, Bruininks Hall 530A, In Person Term Based; 4 cr.

1912 Brain Science, Drugs, and Society

(Student Option No Audit;)

66243 001 DIS, 9:30-12:00 M, Elliott Hall N423, In Person Term Based; Monica Luciana ; 3 cr.

1916 Race in Everyday Space

(Student Option No Audit; DSJ)

66627 001 DIS, 10:10-12:40 F, Elliott Hall N227, In Person Term Based; Adam Kim ; 3 cr.

3001V Honors Introduction to Research Methods(A-F only; Prereq: [1001, [2081/3801 or equiv]]or dept consent, PSY major, honors studentWI)
 53696 001 LEC, 10:10-12:05 MW, Vincent Hall 313, In Person Term Based; Stephanie Zellers ; 4 cr.**3001W Introduction to Research Methods**

(Student Option; Prereq: [1001, [2801 or 3801 or equiv]] or dept consentWI)

53645 001 LEC, 10:10-11:00 MW, 10 Church Street SE 100, In Person Term Based; Mark Stellmack ; 4 cr.
 53646 002 LAB, 12:20-14:15 W, Elliott Hall S150, In Person Term Based; 4 cr.

53647 003 LAB, 12:20-14:15 W, Elliott Hall S160, In Person Term Based; 4 cr.
 53648 004 LAB, 14:30-16:25 W, Elliott Hall S150, In Person Term Based; 4 cr.
 53649 005 LAB, 14:30-16:25 W, Elliott Hall S160, In Person Term Based; 4 cr.
 53650 006 LAB, 8:00- 9:55 Th, Elliott Hall S150, In Person Term Based; 4 cr.
 53651 007 LAB, 8:00- 9:55 Th, Elliott Hall S160, In Person Term Based; 4 cr.
 53652 008 LAB, 10:10-12:05 Th, Elliott Hall S150, In Person Term Based; 4 cr.
 53653 009 LAB, 10:10-12:05 Th, Elliott Hall S160, In Person Term Based; 4 cr.
 53654 010 LAB, 8:00- 9:55 F, Elliott Hall S150, In Person Term Based; 4 cr.
 54128 011 LAB, 8:00- 9:55 F, Elliott Hall S160, In Person Term Based; 4 cr.
 54870 012 LAB, 10:10-12:05 F, Elliott Hall S150, In Person Term Based; 4 cr.
 54871 013 LAB, 10:10-12:05 F, Elliott Hall S160, In Person Term Based; 4 cr.
 54872 014 LEC, 00:00-00:00 , ONLINE, Completely Online; Penny Nichol ; 4 cr.

3011 Introduction to Learning and Behavior

(Student Option; Prereq: 1001)

55634 001 LEC, 13:00-14:15 MW, Rapson Hall 45, In Person Term Based; Nicola Grissom ; 3 cr.

3031 Introduction to Sensation and Perception

(Student Option; Prereq: PSY 1001)

52156 001 LEC, Partially Online; Stephen Engel ; 3 cr.
 66197 002 LAB, 14:30-15:45 W, Bruininks Hall 131A, In Person Term Based; Stephen Engel ; 3 cr.
 66198 003 LAB, 13:00-14:15 Th, Bruininks Hall 412, In Person Term Based; Stephen Engel ; 3 cr.
 66199 004 LAB, 14:30-15:45 Th, Bruininks Hall 420B, In Person Term Based; Stephen Engel ; 3 cr.

3051 Introduction to Cognitive Psychology

(Student Option; Prereq: 1001)

52161 001 LEC, 9:45-11:00 TTh, Nicholson Hall 35, In Person Term Based; Iris Donga Vilares ; 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)

52868 001 LEC, 11:15-12:30 MW, Molecular Cellular Biol 3-120, In Person Term Based; Tatyana Matveeva ; 3 cr.

3101 Introduction to Personality

(Student Option; Prereq: 1001)

52162 001 LEC, 16:00-17:15 MW, Bruininks Hall 312, In Person Term Based; Amanda Rueter ; 3 cr.

3135 Introduction to Individual Differences

(Student Option; Prereq: [1001, [3801 or equiv]] or instr consent)

52163 001 LEC, 9:45-11:00 TTh, Blegen Hall 5, In Person Term Based; Elise Anderson, Emily Willoughby ; 3 cr.

3201 Introduction to Social Psychology

(Student Option; Prereq: 1001 or instr consent)

52164 001 LEC, 14:30-15:45 TTh, Bruininks Hall 220, In Person Term Based; Elliot Weiner ; 3 cr.

3206 Introduction to Health Psychology

(Student Option; Prereq: 1001)

55230 001 LEC, Completely Online; Caprice Niccoli-Waller ; 3 cr.

3301 Introduction to Cultural Psychology

(A-F or Audit; Prereq: 1001)

52641 001 LEC, 16:00-17:15 TTh, Smith Hall 231, In Person Term Based; Jillian Fish ; 3 cr.

3511 Introduction to Counseling Psychology

(Student Option; Prereq: 1001)

53498 001 LEC, 8:15- 9:30 TTh, Rapson Hall 100, In Person Term Based; Riley Palmer ; 3 cr.

3604 Introduction to Abnormal Psychology

(Student Option; Prereq: 1001)

52165 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Bonnie Klimes-Dougan ; 3 cr.
 52166 002 LEC, 13:00-14:15 TTh, Nicholson Hall 35, In Person Term Based; Christopher Hunt ; 3 cr.

3617 Introduction to Clinical Psychology

(Student Option; Prereq: 3604 or 5604H)

54091 001 LEC, 17:00-19:30 M, Fraser Hall 101, In Person Term Based; Joshua Mervis, Zara Wright ; 3 cr.

3666 Human Sexuality

(Student Option; Prereq: 1001)

54534 001 LEC, 13:00-14:15 M, Keller Hall 2-260, 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)

53181 001 LEC, 14:30-15:45 MW, Vincent Hall 16, In Person Term Based; 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))

53613 001 LEC, 11:15-12:05 MWF, 10 Church Street SE 100, In Person Term Based; Mark Stellmack ; 4 cr.
 53614 002 LAB, 13:00-14:15 M, Bruininks Hall 412, In Person Term Based; Mark Stellmack ; 4 cr.
 53615 003 LAB, 11:15-12:30 T, Bruininks Hall 412, In Person Term Based; Mark Stellmack ; 4 cr.
 53616 004 LAB, 13:00-14:15 T, Bruininks Hall 412, In Person Term Based; Mark Stellmack ; 4 cr.
 66196 005 LEC, Completely Online; Penny Nichol ; 4 cr.

3896 Internship in Psychology

(Student Option; Prereq: Psychology BA/BS, Department Permission)

68628 001 FWK, 16:00-17:15 TTh, Folwell Hall 3, In Person Term Based; Amy Landers ; 3 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)

54755 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.
 54759 002 LAB, 13:00-14:15 M, Elliott Hall S150, In Person Term Based; 3 cr.
 54760 003 LAB, 14:30-15:45 M, Elliott Hall S160, In Person Term Based; 3 cr.
 54761 004 LAB, 9:45-11:00 T, Elliott Hall S150, In Person Term Based; 3 cr.
 54768 005 LAB, 11:15-12:30 T, Elliott Hall S160, In Person Term Based; 3 cr.
 54769 006 LAB, 13:00-14:15 T, 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)

53555 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.
 53556 002 LAB, 14:30-15:45 T, Elliott Hall S160, In Person Term Based; 3 cr.
 53557 003 LAB, 16:00-17:15 T, Elliott Hall S150, In Person Term Based; 3 cr.
 53558 004 LAB, 8:15- 9:30 W, Elliott Hall S160, In Person Term Based; 3 cr.
 54206 005 LAB, 9:45-11:00 W, Elliott Hall S150, In Person Term Based; 3 cr.
 54568 006 LAB, 18:00-19:15 W, Elliott Hall S160, In Person Term Based; 3 cr.
 54873 007 LAB, 13:00-14:15 Th, 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)

54756 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.
 54757 002 LAB, 16:00-17:15 Th, Elliott Hall S160, In Person Term Based; 3 cr.
 54758 003 LAB, 13:00-14:15 F, Elliott Hall S160, In Person Term Based; 3 cr.

3960 Undergraduate Seminar in Psychology

(Student Option; Prereq: 1001)

66552 001 LEC, 13:00-14:15 MW, Appleby Hall 219, In Person Term Based; Wen Bu, Lauren Clatch ; 1-5 cr.

3993 Directed Study

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

52167 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

4011 Applied Behavior Analysis

(Student Option; Prereq: 3011 or instr consent)
55231 001 LEC, 13:00-14:15 MW, Elliott Hall N119, In Person Term Based; Meets With: 001 PSY 5011; Eric Larsson ; 3 cr.

4021 Creativity Sciences: Minds, Brains, and Innovation

(A-F only; Prereq: Psy 1001)
66203 001 LEC, 17:00-19:30 T, Elliott Hall N391, In Person Term Based; Wilma Koutstaal ; 3 cr.

4501 Psychology of Women and Gender

(Student Option; Prereq: [[Jr or sr], psych major] or instr consent)
54466 001 LEC, 11:15-12:30 TTh, Mechanical Engineering 18, In Person Term Based; Addie Merians ; 3 cr.

4521 Psychology of Stress and Trauma

(A-F only; Prereq: PSY 1001 and 3001W)
54874 001 LEC, 8:15- 9:30 MW, Elliott Hall N119, In Person Term Based; Mckenzie Kaubrys ; 3 cr.
68051 002 LEC, 16:00-18:30 W, Elliott Hall N119, In Person Term Based; Margaret Gavian ; 3 cr.

4902V Honors Project

(A-F or Audit; Prereq: instr consent, dept consentWI)
52173 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)
53042 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)
52174 001 IND, 11:15-12:30 TTh, Burton Hall 123, In Person Term Based; Charles Fletcher ; 4 cr.

5011 Applied Behavior Analysis

(Student Option No Audit;)
56130 001 LEC, 13:00-14:15 MW, Elliott Hall N119, In Person Term Based; Meets With: 001 PSY 4011; Eric Larsson ; 3 cr.

5064 Brain and Emotion

(A-F or Audit; Prereq: 3061 or 5061 or instr consent)
55546 001 LEC, 11:15-12:30 MW, Elliott Hall N119, In Person Term Based; Jonathan Gewirtz ; 3 cr.

5065 Functional Imaging: Hands-on Training

(Student Option; Prereq: [3801 or equiv], [3061 or NSCI 3101], instr consent)
66201 001 LEC, 13:25-16:25 F, Bruininks Hall 530B, In Person Term Based; Cheryl Olman ; 3 cr.

5135 Psychology of Individual Differences

(Student Option; Prereq: [3001W or equiv] or [5862 or equiv] or instr consent)
66202 001 LEC, 13:00-14:15 TTh, Elliott Hall S160, In Person Term Based; James Lee ; 3 cr.

5202 Attitudes and Social Behavior

(Student Option; Prereq: 3201 or instr consent)
52171 001 LEC, 13:25-14:15 MWF, Elliott Hall N391, In Person Term Based; Eugene Borgida ; 3 cr.

5205 Applied Social Psychology

(Student Option; Prereq: 3201 or grad student or instr consent)
66204 001 LEC, 11:15-12:30 TTh, Elliott Hall N391, In Person Term Based; Marti Hope Gonzales ; 3 cr.

5206 Social Psychology and Health Behavior

(A-F only; Prerequisite: Psy 3201)
67922 001 LEC, 9:45-11:00 TTh, Elliott Hall N391, In Person Term Based; Alexander Rothman ; 3 cr.

5501 Vocational and Occupational Health Psychology

(Student Option; Prereq: 3001W or equiv or instr consent)
52172 001 LEC, 17:00-19:30 Th, Peik Hall 225, In Person Term Based; Lovey Peissig ; 3 cr.

5703 Psychology of Organizational Training and Development

(Student Option; Prerequisites: PSY 3801 or equivalent)

68756 001 LEC, 13:00-14:15 MW, Elliott Hall N227, In Person Term Based; Richard Landers ; 3 cr.

5708 Organizational Psychology

(Student Option; Prereq: Psy 3001W or 3001V and 3711 OR Psy grad)
66207 001 LEC, 13:00-14:15 TTh, Elliott Hall N423, In Person Term Based; Aaron Schmidt ; 3 cr.

5993 Research Laboratory in Psychology

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

53697 001 LAB, 00:00-00:00 , , In Person Term Based; Eugene Borgida ; 3 cr.
53697 001 LAB, 00:00-00:00 , , In Person Term Based; Eugene Borgida ; 3 cr.
53698 005 LAB, 00:00-00:00 , , In Person Term Based; Christopher Federico ; 3 cr.
53698 005 LAB, 00:00-00:00 , , In Person Term Based; Christopher Federico ; 3 cr.
53699 006 LAB, 00:00-00:00 , , In Person Term Based; Charles Fletcher ; 3 cr.
53699 006 LAB, 00:00-00:00 , , In Person Term Based; Charles Fletcher ; 3 cr.
53700 007 LAB, 00:00-00:00 , , In Person Term Based; Patricia Frazier ; 3 cr.
53700 007 LAB, 00:00-00:00 , , In Person Term Based; Patricia Frazier ; 3 cr.
53701 008 LAB, 00:00-00:00 , , In Person Term Based; Jonathan Gewirtz ; 3 cr.
53701 008 LAB, 00:00-00:00 , , In Person Term Based; Jonathan Gewirtz ; 3 cr.
53702 009 LAB, 00:00-00:00 , , In Person Term Based; Marti Hope Gonzales ; 3 cr.
53702 009 LAB, 00:00-00:00 , , In Person Term Based; Marti Hope Gonzales ; 3 cr.
53703 010 LAB, 00:00-00:00 , , In Person Term Based; Sheng He ; 3 cr.
53703 010 LAB, 00:00-00:00 , , In Person Term Based; Sheng He ; 3 cr.
53705 012 LAB, 15:15-16:30 W, Elliott Hall N227, In Person Term Based; William Iacono, Matt Mc Gue ; 3 cr.
53705 012 LAB, 15:15-16:30 W, Elliott Hall N227, In Person Term Based; William Iacono, Matt Mc Gue ; 3 cr.
53706 014 LAB, In Person Term Based; Daniel Kersten ; 3 cr.
53707 015 LAB, 00:00-00:00 , , In Person Term Based; Bonnie Klimes-Dougan ; 3 cr.
53707 015 LAB, 00:00-00:00 , , In Person Term Based; Bonnie Klimes-Dougan ; 3 cr.
53708 016 LAB, 9:00-11:00 M, Elliott Hall S160, In Person Term Based; Penny Nichol ; 3 cr.
53708 016 LAB, 9:00-11:00 M, Elliott Hall S160, In Person Term Based; Penny Nichol ; 3 cr.
53709 017 LAB, 00:00-00:00 , , In Person Term Based; Wilma Koutstaal ; 3 cr.
53709 017 LAB, 00:00-00:00 , , In Person Term Based; Wilma Koutstaal ; 3 cr.
53710 019 LAB, 00:00-00:00 , , In Person Term Based; Nathan Kuncel ; 3 cr.
53710 019 LAB, 00:00-00:00 , , In Person Term Based; Nathan Kuncel ; 3 cr.
53711 021 LAB, 00:00-00:00 , , In Person Term Based; Rich Lee ; 3 cr.
53711 021 LAB, 00:00-00:00 , , In Person Term Based; Rich Lee ; 3 cr.
53712 023 LAB, 00:00-00:00 , , In Person Term Based; Shmuel Lissek ; 3 cr.
53713 024 LAB, 00:00-00:00 , , In Person Term Based; Monica Luciana ; 3 cr.
53713 024 LAB, 00:00-00:00 , , In Person Term Based; Monica Luciana ; 3 cr.
53714 025 LAB, 16:00-17:30 W, Elliott Hall N423, In Person Term Based; Angus MacDonald ; 3 cr.
53714 025 LAB, 16:00-17:30 W, Elliott Hall N423, In Person Term Based; Angus MacDonald ; 3 cr.
53715 026 LAB, 00:00-00:00 , , In Person Term Based; Traci Mann ; 3 cr.
53715 026 LAB, 00:00-00:00 , , In Person Term Based; Traci Mann ; 3 cr.
53717 028 LAB, 00:00-00:00 , , In Person Term Based; Cheryl Olman ; 3 cr.
53717 028 LAB, 00:00-00:00 , , In Person Term Based; Cheryl Olman ; 3 cr.
53718 030 LAB, 00:00-00:00 , , In Person Term Based; Andrew Oxenham ; 3 cr.
53718 030 LAB, 00:00-00:00 , , In Person Term Based; Andrew Oxenham ; 3 cr.
53719 031 LAB, 00:00-00:00 , , In Person Term Based; Alexander Rothman ; 3 cr.
53719 031 LAB, 00:00-00:00 , , In Person Term Based; Alexander Rothman ; 3 cr.
53720 032 LAB, 00:00-00:00 , , In Person Term Based; Paul Sackett ; 3 cr.
53720 032 LAB, 00:00-00:00 , , In Person Term Based; Paul Sackett ; 3 cr.

53805 034 LAB, 00:00-00:00 , , In Person Term Based; Paul Schrater ; 3 cr.

53805 034 LAB, 00:00-00:00 , , In Person Term Based; Paul Schrater ; 3 cr.

53806 035 LAB, 00:00-00:00 , , In Person Term Based; Jeff Simpson ; 3 cr.

53806 035 LAB, 00:00-00:00 , , In Person Term Based; Jeff Simpson ; 3 cr.

53811 036 LAB, 00:00-00:00 , , In Person Term Based; Mark Snyder ; 3 cr.

53811 036 LAB, 00:00-00:00 , , In Person Term Based; Mark Snyder ; 3 cr.

53816 038 LAB, In Person Term Based; Richard Landers ; 3 cr.

53861 003 LAB, 00:00-00:00 , , In Person Term Based; Colin DeYoung ; 3 cr.

54071 004 LAB, 00:00-00:00 , , In Person Term Based; Stephen Engel ; 3 cr.

54071 004 LAB, 00:00-00:00 , , In Person Term Based; Stephen Engel ; 3 cr.

54072 013 LAB, 00:00-00:00 , , In Person Term Based; Yuhong Jiang ; 3 cr.

54072 013 LAB, 00:00-00:00 , , In Person Term Based; Yuhong Jiang ; 3 cr.

54073 029 LAB, 00:00-00:00 , , In Person Term Based; Deniz Ones ; 3 cr.

54073 029 LAB, 00:00-00:00 , , In Person Term Based; Deniz Ones ; 3 cr.

54074 033 LAB, 00:00-00:00 , , In Person Term Based; Aaron Schmidt ; 3 cr.

54075 037 LAB, 00:00-00:00 , , In Person Term Based; Moin Syed ; 3 cr.

54075 037 LAB, 00:00-00:00 , , In Person Term Based; Moin Syed ; 3 cr.

54166 020 LAB, 00:00-00:00 , , In Person Term Based; James Lee ; 3 cr.

54175 039 LAB, 00:00-00:00 , , In Person Term Based; Niels Waller ; 3 cr.

54175 039 LAB, 00:00-00:00 , , In Person Term Based; Niels Waller ; 3 cr.

54234 022 LAB, 00:00-00:00 , , In Person Term Based; Gordon Legge ; 3 cr.

54234 022 LAB, 00:00-00:00 , , In Person Term Based; Gordon Legge ; 3 cr.

54235 018 LAB, 00:00-00:00 , , In Person Term Based; Robert Krueger ; 3 cr.

55607 041 LAB, In Person Term Based; Nicola Grissom ; 3 cr.

55803 042 LAB, In Person Term Based; Scott Vrieze ; 3 cr.

67052 040 LAB, In Person Term Based; Iris Donga Vilares ; 3 cr.

67068 043 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)

66208 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)

56152 001 LEC, 12:00-13:00 M, Elliott Hall N391, In Person Term Based; Christopher Federico ; 1 cr.

8208 Social Psychology: The Self

(A-F or Audit; Prereq: Psych background especially in personality and soc psych)

54697 001 LEC, 13:00-15:00 T, Elliott Hall N353, In Person Term Based; Mark Snyder ; 3 cr.

8212 Proseminar in Political Psychology II

(S-N or Audit;)

55552 001 LEC, 9:00-10:55 F, Social Sciences Building 1314, In Person Term Based; Meets With: 001 POL 8308; Howard Lavine, Eugene Borgida ; 2 cr.

8333 FTE: Master's

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

52803 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)

52825 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8511 Counseling Psychology Beginning Practicum: General

(S-N only; Prereq: Counseling Psy grad student)

52598 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)
53283 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; Leslie Bautista ; 4-6 cr.

8545 Counseling Psychology Process and Outcome Research

(Student Option; Prereq: [[8501, 8502, 8503] or equiv],
counseling psy grad student, instr consent)
66210 001 LEC, 13:00-15:00 W, Elliott Hall N595, In Person
Term Based; Patricia Frazier ; 3 cr.

8561 Counseling Psychology Advanced Practicum II: General

(S-N only; Prereq: Counseling psy grad student, instr
consent)
52681 001 FWK, 14:00-15:30 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)
52609 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)
52705 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)
52607 001 LEC, 12:30-14:30 W, Elliott Hall N423, 8:00-11:00
W, Elliott Hall N423, In Person Term Based; Scott Vrieze,
Bonnie Klimes-Dougan ; 5 cr.

8620 Clinical Practicum: Consultation, Supervision, Professional Standards, and Lifelong Learning

(S-N or Audit; Prereq: instr consent)
52608 001 FWK, 00:00-00:00 , , In Person Term Based;
Shmuel Lissek ; 1-6 cr.

8622 Theories and Methods of Effective Intervention

(A-F or Audit; Prereq: 8111, CSPP grad student)
55243 001 LEC, 14:20-17:10 T, Elliott Hall N423, In Person
Term Based; Angus MacDonald ; 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)
68579 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])
52876 001 IND, 00:00-00:00 , , In Person Term Based; 1-18
cr.

8815 Analysis of Psychological Data

(Student Option; Prereq: 8814, instr consent)
53189 001 LEC, 11:15-12:30 TTh, Elliott Hall N423, In
Person Term Based; Nathaniel Helwig ; 4 cr.
54167 002 LAB, 14:00-16:00 F, Elliott Hall N423, In Person
Term Based; Justin Kracht ; 4 cr.

8882 Seminar: Quantitative and Psychometric Methods

(Student Option;)
53415 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)
52869 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)

52618 001 IND, 12:00-13:00 M, Elliott Hall N668, In Person
Term Based; Matt Mc Gue ; 1 cr.

8937 Seminar in Human Behavioral Genetics

(Student Option; Prereq: 5137 or instr consent)
54429 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)
53655 001 LEC, 14:15-17:15 Th, Elliott Hall N391, In Person
Term Based; Niels Waller ; 1-4 cr.
55868 002 LEC, In Person Term Based; Paul Sackett ; 1-4 cr.

8993 Directed Studies: Special Areas of Psychology and Related Sciences

(Student Option; Prereq: instr consent)
53834 001 IND, 00:00-00:00 , , In Person Term Based;
Nathan Kuncel ; 1-6 cr.

Public Affairs (PA)

1401 Public Affairs: Community Organizing Skills for Public Action

(A-F only; CIV)
58221 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;)
58289 001 LEC, 16:40-19:25 Th, Hubert H. Humphrey
School 25, In Person Term Based; Elizabeth Sopdie ; 3 cr.

3003 Nonprofit and Public Financial Management

(A-F or Audit; Prereq: Jr or sr)
64890 001 LEC, 9:45-11:00 MW, Hubert H. Humphrey
School 15, In Person Term Based; Camila Fonseca
Sarmiento ; 3 cr.

3481 Cedar Riverside: Where The World Meets MN

(A-F only;)
58256 001 LEC, 8:30-12:30 MTWThF, Hubert H. Humphrey
School 20, In Person Term Based; Merrie Benasutti ; 2 cr.

3972 Elections and the Law

(Student Option No Audit;)
64924 001 LEC, 00:00-00:00 , ONLINE, Completely Online;
Meets With: 001 PA 5972; Doug Chapin ; 3 cr.

3974 Election Administration Capstone Project

(A-F only;)
64925 001 LEC, Completely Online; Meets With: 001 PA
5974; Doug Chapin ; 2 cr.

3975 Election Design

(Student Option No Audit;)
64926 001 LEC, Completely Online; Meets With: 001 PA
5975; Dana Chisnell, Whitney Quesenbery ; 2 cr.

3976 Voter Participation

(Student Option No Audit;)
68514 001 LEC, In Person Term Based; Meets With: 001 PA
5976; 1 cr.

3982 Data Analysis for Election Administration

(Student Option No Audit;)
64927 001 LEC, Completely Online; Meets With: 001 PA
5982; Tamara Patrick ; 2 cr.

3991 Independent Study

(Student Option; Prereq: instr consent)
58296 001 IND, In Person Term Based; Harry Boyte ; 1-3 cr.

4101 Nonprofit Management and Governance

(Student Option;)
58191 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;)
58187 001 LEC, 18:00-20:45 M, Hubert H. Humphrey School
35, 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)
58237 002 LEC, 17:30-20:45 Th, Hubert H. Humphrey
School 184, In Person Term Based; P. Jay Kiedrowski ; 1.5
cr.

5012 The Politics of Public Affairs

(A-F or Audit;)
58255 002 LEC, 18:00-20:45 T, Hubert H. Humphrey School
15, In Person Term Based; Henriët Hendriks ; 3 cr.
64877 001 LEC, 13:00-14:15 MW, Hubert H. Humphrey
School 184, In Person Term Based; Joe Soss ; 3 cr.

5021 Microeconomics for Policy Analysis

(A-F or Audit;)
58278 001 LEC, 11:15-12:30 TTh, Blegen Hall 330, In
Person Term Based; Audrey Dorelien ; 3 cr.
58279 002 LAB, 13:25-14:15 Th, Hubert H. Humphrey
School 184, In Person Term Based; Audrey Dorelien ; 3 cr.

5022 Applications of Economics for Policy Analysis

(A-F or Audit; Prereq: 5021 or equiv)
64880 001 LAB, 9:45-11:00 TTh, Hubert H. Humphrey
School 60, In Person Term Based; Judy Temple ; 1.5-3 cr.
64881 003 LEC, 11:15-12:30 TTh, Hubert H. Humphrey
School 184, In Person Term Based; Maria Hanratty ; 1.5-3
cr.

5032 Applied Regression

(A-F or Audit; Prereq: [5031 or equiv] or instr consent)
58161 001 LEC, 9:45-11:00 MW, Carlson School of Mgmt
L-118, In Person Term Based; Robert Kudrle ; 2 cr.
58162 002 LAB, 13:50-14:40 F, Hubert H. Humphrey School
85, In Person Term Based; Robert Kudrle ; 2 cr.
58175 004 LEC, 17:45-19:00 MW, Blegen Hall 155, In
Person Term Based; Robert Kudrle ; 2 cr.
58182 005 LAB, 19:15-20:05 W, Hubert H. Humphrey School
85, In Person Term Based; Robert Kudrle ; 2 cr.
58183 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.)
58163 001 LEC, 17:45-19:00 MW, Blegen Hall 155, In
Person Term Based; Morris Kleiner ; 2 cr.
58177 004 LEC, 9:45-11:00 MW, Hubert H. Humphrey
School 25, In Person Term Based; Morris Kleiner ; 2 cr.
58178 005 LAB, 13:50-14:40 F, Hubert H. Humphrey School
85, In Person Term Based; Morris Kleiner ; 2 cr.
58181 006 LAB, 12:45-13:35 F, Hubert H. Humphrey School
85, In Person Term Based; Morris Kleiner ; 2 cr.
58184 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;)
58227 001 LEC, 16:00-17:15 MW, Hubert H. Humphrey
School 35, In Person Term Based; Greta Friedemann-
Sanchez ; 4 cr.
58228 002 LAB, 13:00-14:15 W, Hubert H. Humphrey School
85, 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)
58209 001 LEC, 13:00-14:15 TTh, Hubert H. Humphrey
School 25, In Person Term Based; Angie Fertig ; 2 cr.
58218 002 DIS, 10:10-11:00 F, Hubert H. Humphrey School
15, In Person Term Based; Angie Fertig ; 2 cr.
58219 003 DIS, 11:15-12:05 F, Hubert H. Humphrey School
15, In Person Term Based; Angie Fertig ; 2 cr.

5043 Economic and Demographic Data Analysis

(A-F only; Prereq: Major or minor in urban/regional
planning or instr consent)
58210 001 LEC, 13:00-14:15 TTh, Blegen Hall 415, In
Person Term Based; Ragui Assaad ; 2 cr.
58211 002 LAB, 9:45-11:00 F, Hubert H. Humphrey School
85, In Person Term Based; Ragui Assaad ; 2 cr.
58212 003 LAB, 11:15-12:30 F, Hubert H. Humphrey School
85, In Person Term Based; Ragui Assaad ; 2 cr.

5044 Applied Regression, Accelerated

(A-F only; Prereq: [5031 or equiv] or instr consent)

58222 001 LEC, 9:45-11:00 MW, Hubert H. Humphrey School 25, In Person Term Based; Janna Johnson ; 2 cr.
58223 002 LAB, 9:45-11:00 F, Hubert H. Humphrey School 85, In Person Term Based; Janna Johnson ; 2 cr.
58224 003 LAB, 11:15-12:30 F, Hubert H. Humphrey School 85, In Person Term Based; Janna Johnson ; 2 cr.

5052 Public Affairs 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)

58198 001 LEC, 10:00-17:00 F, No Room Required, 8:30-16:30 Sa, Room TBA, 10:00-17:00 F, Room TBA, 8:30-16:30 Sa, Room TBA, 10:00-17:00 F, Room TBA, 8:30-16:30 Sa, Room TBA, 10:00-17:00 F, Room TBA, 8:30-16:30 Sa, Room TBA, 10:00-17:00 F, Room TBA, 12:00-16:30 Sa, Blegen Hall 235, Partially Online; Kevin Gerdes, Kathy Quick, Angie Fertig ; 2 cr.

5054 Program Design and Implementation Analysis

(A-F only; Prereq: Major in public affairs (cohort) or public affairs certificate (cohort); 5053-5054 must be taken in same academic yr)

58199 001 LEC, Partially Online; Kevin Gerdes, Kathy Quick, Angie Fertig ; 2 cr.

5056 Quantitative Research Methods and Analysis

(A-F only; Prereq: Major in public affairs or public affairs certificate, [5055-5056 must be taken in same academic yr])

58197 001 LAB, 8:30-12:00 Sa, Bruininks Hall 131B, Partially Online; Angie Fertig, Kevin Gerdes, Kathy Quick ; 2 cr.

5080 Capstone Preparation Workshop

(S-N only;)

58192 001 LEC, 9:00-17:00 F, Blegen Hall 255, 9:00-16:00 Sa, Blegen Hall 255, In Person Term Based; Kevin Gerdes ; 1 cr.

58225 002 LEC, 18:00-20:45 T, Hubert H. Humphrey School 35, In Person Term Based; Kevin Gerdes ; 1 cr.

5101 Management and Governance of Nonprofit Organizations

(Student Option; Prereq: Grad student or instr consent)

66195 001 LEC, 18:00-20:45 T, Hubert H. Humphrey School 184, In Person Term Based; Yuan Cheng ; 3 cr.

5103 Leadership and Change

(Student Option;)

67845 001 LEC, 9:00-15:30 MTWTh, Hubert H. Humphrey School 15, In Person Term Based; Stephanie Jacobs ; 1.5-3 cr.

5108 Board leadership development

(S-N only; Prereq: Grad student or instr consent)

58226 001 LEC, 9:00-16:30 Sa, Hubert H. Humphrey School 35, 9:00-11:00 F, Hubert H. Humphrey School 20, 9:00-11:00 F, Hubert H. Humphrey School 20, 9:00-11:00 F, Hubert H. Humphrey School 35, In Person Term Based; Kathryn Barr ; 1 cr.

5113 State and Local Public Finance

(Student Option; Prereq: Grad or instr consent)

58220 001 LEC, 18:00-20:45 W, Hubert H. Humphrey School 30, In Person Term Based; Zhirong Zhao ; 3 cr.

5114 Budget Analysis in Public and Nonprofit Orgs

(Student Option; Prereq: PA 5003)

58230 001 LEC, 16:00-17:15 MWF, Hubert H. Humphrey School 60, In Person Term Based; P. Jay Kiedrowski ; 1.5 cr.

5116 Financing Public and Nonprofit Organizations

(Student Option; Prereq: PA 5003; credit will not be granted if credit already received for: PA 5111)

58231 001 LEC, 16:00-17:15 MW, Hubert H. Humphrey School 60, 16:00-17:15 F, Hubert H. Humphrey School 60, 16:00-17:15 F, Hubert H. Humphrey School 60, In Person Term Based; P. Jay Kiedrowski ; 1.5 cr.

5137 Project Management in the Public Arena

(Student Option No Audit;)

58244 001 LEC, 16:00-17:15 Th, Hubert H. Humphrey School 20, Partially Online; Robert Johns ; 1.5 cr.

5144 Social Entrepreneurship

(A-F only; Prereq: Grad student or instr consent)

67846 001 LEC, 17:30-20:15 Th, Carlson School of Mgmt L-122, In Person Term Based; Terri Barreiro ; 3 cr.

5162 Public Service Redesign Workshop

(A-F only;)

58290 001 LEC, 8:30-12:30 F, Hubert H. Humphrey School 35, 8:30-12:30 F, Hubert H. Humphrey School 35, 8:30-12:30 F, Hubert H. Humphrey School 35, 8:30-12:30 F, Hubert H. Humphrey School 35, 8:30-12:30 F, Hubert H. Humphrey School 35, 8:30-12:30 F, Hubert H. Humphrey School 35, 8:30-12:30 F, Hubert H. Humphrey School 35, In Person Term Based; Jodi Sandfort, Sook Jin Ong ; 3 cr.

5204 Urban Spatial and Social Dynamics

(Student Option; Prereq: urban/regional planning Major/minor in or public affairs PhD or instr consent)

58190 001 LEC, 8:15-9:30 TTh, Hubert H. Humphrey School 25, In Person Term Based; Edward Goetz ; 3 cr.

5209 Urban Planning and Health Equity

(Student Option;)

66639 001 LEC, 13:00-14:15 MW, Hubert H. Humphrey School 30, In Person Term Based; Yingling Fan ; 3 cr.

5213 Introduction to Site Planning

(Student Option; Prereq: Grad student or instr consent)

58232 001 LEC, 18:00-20:45 Th, Hubert H. Humphrey School 35, In Person Term Based; Fernando Burga ; 3 cr.

5221 Private Sector Development

(Student Option;)

58165 001 LEC, 18:00-20:45 M, Hubert H. Humphrey School 184, In Person Term Based; Peter Brown, Eric Gunderson ; 3 cr.

5242 Environmental Planning, Policy, and Decision Making

(A-F only; Prereq: Grad or instr consent)

58266 001 LEC, 11:15-12:30 TTh, Hubert H. Humphrey School 35, In Person Term Based; Daniel Milz ; 3 cr.

5261 Housing Policy

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

58186 001 LEC, 9:45-11:00 TTh, Hubert H. Humphrey School 184, In Person Term Based; Meets With: 001 HSG 5463; Edward Goetz ; 3 cr.

5271 Geographic Information Systems: Applications in Planning and Policy Analysis

(Student Option; Prereq: Major in urban/regional planning or instr consent)

58213 001 LAB, 18:00-20:45 T, Hubert H. Humphrey School 85, In Person Term Based; Geoffrey Maas ; 3 cr.

5290 Topics in Planning

(Student Option;)

64892 001 LEC, 13:00-15:45 F, Hubert H. Humphrey School 30, In Person Term Based; Deidre Schmidt ; 0.5-4 cr.

5311 Program Evaluation

(Student Option; Prereq: Grad student or instr consent)

58189 001 LEC, 14:30-17:30 W, Hubert H. Humphrey School 15, 14:30-17:30 W, Hubert H. Humphrey School 15, 14:30-17:30 W, Hubert H. Humphrey School 15, 14:30-17:30 W, Hubert H. Humphrey School 15, 14:30-17:30 W, Hubert H. Humphrey School 15, 14:30-17:30 W, Hubert H. Humphrey School 15, 14:30-17:30 W, Hubert H. Humphrey School 15, 14:30-17:30 W, Hubert H. Humphrey School 15, 14:30-17:30 W, Hubert H. Humphrey School 15, 14:30-17:30 W, Hubert H. Humphrey School 15, Partially Online; Jodi Sandfort ; 3 cr.

5421 Racial Inequality and Public Policy

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

58252 001 LEC, 9:00-11:45 Sa, Carlson School of Mgmt 2-228, In Person Term Based; Samuel Myers ; 3 cr.

5426 Research and Policy with Marginalized Groups

(Student Option;)

58269 001 LEC, 11:15-12:30 MW, Hubert H. Humphrey School 15, In Person Term Based; Lauren Martin, Debra Fitzpatrick ; 3 cr.

5451 Immigration, Health and Public Policy

(A-F only;)

58268 001 LEC, Completely Online; Katherine Fennelly ; 3-4 cr.

5521 Development Planning and Policy Analysis

(Student Option; Prereq: 5031 or equiv recommended or instr consent)

58188 001 LEC, 14:30-15:45 TTh, Hubert H. Humphrey School 184, In Person Term Based; Ragui Asaad ; 4 cr.
58194 002 LAB, 8:15-9:30 F, Hubert H. Humphrey School 85, In Person Term Based; Ragui Asaad ; 4 cr.

5561 Gender and International Development

(Student Option; Prereq: Grad or instr consent)

64928 001 LEC, 18:00-20:45 Th, Hubert H. Humphrey School 30, In Person Term Based; Greta Friedemann-Sanchez ; 3 cr.

5623 GAINS: Gender and Intersectional Network Series, Leadership Workshop II

(S-N only;)

68166 001 LEC, 14:15-17:00 F, Hubert H. Humphrey School 35, 14:15-17:00 F, Hubert H. Humphrey School 35, 14:15-17:00 F, Hubert H. Humphrey School 35, 14:15-17:00 F, Hubert H. Humphrey School 35, In Person Term Based; Meets With: 002 PA 5690; Christina Ewig, Debra Fitzpatrick ; 0.5-1 cr.

5690 Topics in Women, Gender and Public Policy

(Student Option; Prereq: Grad student or instr consent)

67049 002 LEC, 14:15-17:00 F, Hubert H. Humphrey School 35, 14:15-17:00 F, Hubert H. Humphrey School 35, 14:15-17:00 F, Hubert H. Humphrey School 35, 14:15-17:00 F, Hubert H. Humphrey School 35, In Person Term Based; Meets With: 001 PA 5623; Christina Ewig, Debra Fitzpatrick ; 0.5-3 cr.
68006 003 LEC, 9:45-11:00 TTh, Hubert H. Humphrey School 15, In Person Term Based; ; 0.5-3 cr.

5715 Survey of Current Issues in Science, Technology, and Environmental Policy

(A-F only; Prereq: Grad or instr consent)

58195 001 LEC, 16:00-17:15 W, Hubert H. Humphrey School 20, In Person Term Based; Steve Kelley ; 1.5 cr.

5722 Economics of Natural Resource and Environmental Policy

(Student Option; Prereq: [Intermediate microeconomics, intermediate policy analysis, grad student] or instr consent)

66654 001 LEC, 14:30-15:45 MW, Hubert H. Humphrey School 60, In Person Term Based; Bonnie Keeler ; 3 cr.

5723 Water Policy

(Student Option; Prereq: Grad student or instr consent)

58196 001 LEC, 16:00-17:15 TTh, Hubert H. Humphrey School 15, In Person Term Based; Meets With: 001 WRS 5101; Peter Calow ; 3 cr.

5741 Risk, Resilience and Decision Making

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

58214 001 LEC, 9:45-11:00 TTh, Hubert H. Humphrey School 60, In Person Term Based; Peter Calow ; 1.5 cr.

5743 Social Innovation Design Lab: Making Your Idea a Reality

(A-F only;)

58287 001 LEC, 9:00-17:30 MTWThF, Hubert H. Humphrey School 35, In Person Term Based; Fred Rose, Megan Voorhees ; 1.5 cr.

5790 Topics in Science, Technology, and Environmental Policy

(Student Option;)

66725 001 LEC, 18:00-20:45 M, Hubert H. Humphrey School 30, In Person Term Based; Bonnie Keeler ; 1-3 cr.
66728 002 LEC, In Person Term Based; Bonnie Keeler ; 1-3 cr.

5801 Global Public Policy

(Student Option; Prereq: Grad or instr consent)

58201 001 LEC, 13:00-14:15 TTh, Hubert H. Humphrey School 35, In Person Term Based; Jessica Stanton ; 3 cr.

5814 Bilateral and Multilateral Diplomacy

(Student Option No Audit;)

58243 001 LEC, 14:30-15:45 MW, Hubert H. Humphrey School 30, In Person Term Based; Mary Curtin ; 3 cr.

5823 Managing Humanitarian and Refugee Crises: Challenges for Policymakers & Practitioners

(Student Option No Audit;)

58292 001 LEC, 15:00-20:00 F, Hubert H. Humphrey School 15, 8:00-16:00 Sa, Hubert H. Humphrey School 15, In Person Term Based; Eric Schwartz ; 1 cr.

5825 Crisis Management in Foreign Affairs
(Student Option;)

64920 001 LEC, 18:00-20:45 Th, Hubert H. Humphrey School 60, 18:00-20:45 Th, Hubert H. Humphrey School 60, 18:00-20:45 Th, Hubert H. Humphrey School 60, 18:00-20:45 Th, Hubert H. Humphrey School 60, 18:00-20:45 Th, Hubert H. Humphrey School 60, 18:00-20:45 Th, Hubert H. Humphrey School 60, 18:00-20:45 Th, Hubert H. Humphrey School 60, In Person Term Based; Steven Andreasen ; 1.5 cr.

5887 Master of Human Rights Cohort Seminar II
(S-N only;)

58242 001 LEC, 14:30-16:25 T, Hubert H. Humphrey School 30, 14:30-16:25 T, Hubert H. Humphrey School 30, 14:30-16:25 T, Hubert H. Humphrey School 30, 14:30-16:25 T, Hubert H. Humphrey School 30, 14:30-16:25 T, Hubert H. Humphrey School 30, 14:30-16:25 T, Hubert H. Humphrey School 30, 14:30-16:25 T, Hubert H. Humphrey School 30, 14:30-16:25 T, Hubert H. Humphrey School 30, In Person Term Based; Amelia Shindelar ; 1 cr.

5910 Developing Your Public Service Career
(S-N or Audit; Prereq: [Major in [public affairs or public policy or urban/regional planning] or [science, technology/environmental policy] or development practice]) or instr consent)

67854 001 LEC, 9:00-12:30 Sa, Hubert H. Humphrey School 30, 9:00-12:30 Sa, Hubert H. Humphrey School 30, 9:00-12:30 Sa, Hubert H. Humphrey School 30, 9:00-12:30 Sa, Hubert H. Humphrey School 30, 9:00-12:30 Sa, Hubert H. Humphrey School 30, In Person Term Based; Jen Guyer-Wood ; 1 cr.

5920 Skills Workshop
(S-N only;)

64921 001 LAB, 8:00-17:00 Sa, Hubert H. Humphrey School 35, In Person Term Based; Lee Munnich, Wendy Wustenberg ; 0.5-4 cr.

5926 Presentation Skills: How to Inspire Your Audience and Change the World
(Student Option No Audit;)

58249 001 LEC, 16:00-17:40 M, Hubert H. Humphrey School 30, In Person Term Based; Gwendolyn Freed ; 1 cr.
58250 002 LEC, 16:00-17:40 T, Hubert H. Humphrey School 184, In Person Term Based; Gwendolyn Freed ; 1 cr.

5927 Effective Grantwriting for Nonprofit Organizations
(A-F only;)

67842 001 LEC, 17:45-20:30 W, Hubert H. Humphrey School 15, In Person Term Based; Stephanie Jacobs ; 1.5 cr.

5929 Data Visualization: Telling Stories with Numbers
(Student Option;)

58245 001 LAB, 14:30-15:45 TTh, Hubert H. Humphrey School 85, In Person Term Based; Audrey Dorelien ; 1.5 cr.
58277 002 LAB, 16:00-17:15 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;)

67193 001 LEC, 18:00-20:45 Th, Hubert H. Humphrey School 15, In Person Term Based; Briana Bierschbach ; 3 cr.

5972 Elections and the Law
(Student Option No Audit;)

58235 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;)

58251 001 LEC, Completely Online; Meets With: 001 PA 3974; Doug Chapin ; 2 cr.

5975 Election Design
(Student Option No Audit;)

58254 001 LEC, Completely Online; Meets With: 001 PA 3975; Dana Chisnell, Whitney Quisenberry ; 2 cr.

5976 Voter Participation
(Student Option No Audit;)

68516 001 LEC, In Person Term Based; Meets With: 001 PA 3976; 1 cr.

5982 Data Analysis for Election Administration

(Student Option No Audit;)

58272 001 LEC, Completely Online; Meets With: 001 PA 3982; Tamara Patrick ; 2 cr.

5990 Topics: Public Affairs - General

Topics
(Student Option;)

66640 001 LEC, 18:00-20:45 M, Hubert H. Humphrey School 20, In Person Term Based; Amy Koch, Javier Morillo-Alicea ; 0-3 cr.

68105 002 LEC, 14:30-15:45 Th, Hubert H. Humphrey School 30, In Person Term Based; ; 0-3 cr.

8004 Integrative Doctoral Seminar in Public Affairs II

(A-F only; Prereq: Public Affairs doctoral student)

58229 001 LEC, 11:30-14:00 T, Carlson School of Mgmt 1-122, In Person Term Based; Joe Soss ; 3 cr.

8005 Doctoral Research Seminar in Public Affairs
(A-F only; Prereq: Public Affairs doctoral student)

58239 001 LEC, 9:05-11:50 F, Hubert H. Humphrey School 60, In Person Term Based; Jessica Stanton ; 3 cr.

8006 Current Research in Public Affairs: Topics, Approaches, and Cultures
(S-N only;)

58288 001 LEC, 11:15-12:45 M, Hubert H. Humphrey School 35, In Person Term Based; Greg Lindsey ; 1.5 cr.

8081 Capstone Workshop
(A-F only; Prereq: completion of core courses or instr consent)

64883 001 LEC, 9:00-11:45 F, Carlson School of Mgmt 1-122, In Person Term Based; Judy Temple ; 3 cr.
64884 004 LEC, 14:30-17:00 T, Hubert H. Humphrey School 35, In Person Term Based; Maria Hanratty ; 3 cr.

64885 006 LEC, 14:30-17:00 Th, Hubert H. Humphrey School 35, In Person Term Based; Daniel Milz ; 3 cr.
64887 008 LEC, 12:05-14:50 F, Hubert H. Humphrey School 15, In Person Term Based; Mary Curtin ; 3 cr.

64888 009 LEC, 16:40-19:25 T, Blegen Hall 335, In Person Term Based; Robert Kudrle ; 3 cr.
64889 011 LEC, 18:00-20:45 T, Blegen Hall 317, In Person Term Based; Lyssa Leitner ; 3 cr.

66158 012 LEC, 8:15-11:00 W, Social Sciences Building 278, In Person Term Based; Steve Kelley ; 3 cr.
68132 014 LEC, In Person Term Based; Doug Chapin ; 3 cr.

68726 015 LEC, 14:30-17:15 Th, Blegen Hall 215, In Person Term Based; Lauren Martin ; 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)

58173 001 LEC, 14:30-16:25 MW, Hubert H. Humphrey School 184, In Person Term Based; Xinyi Wu ; 4 cr.

8312 Analysis of Discrimination
(Student Option;)

66951 001 LEC, 11:15-12:30 TTh, Hubert H. Humphrey School 25, In Person Term Based; Samuel Myers ; 4 cr.
66952 002 LAB, 13:00-14:15 T, Hubert H. Humphrey School 85, In Person Term Based; Samuel Myers ; 4 cr.

8331 Economic Demography
(A-F or Audit; Prereq: Grad-level economic theory (PA 5021 or equiv) and econometrics (PA 5033 or equiv) and instructor permission)

64898 001 LEC, 16:40-19:25 M, Blegen Hall 335, In Person Term Based; Janna Johnson ; 3 cr.

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

58246 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])

58174 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)

58247 001 IND, In Person Term Based; 1-24 cr.

8921 Master's: Professional Paper
(Individual Option)

(Student Option; Prereq: instr consent)
58200 001 IND, 00:00-00:00 , Independent/Directed Study; Kathy Quick ; 1-3 cr.

58202 002 IND, Independent/Directed Study; Angie Fertig ; 1-3 cr.

58203 003 IND, Independent/Directed Study; Maria Hanratty ; 1-3 cr.

8922 Master's Paper: Plan B
(Student Option; Prereq: instr consent)

58233 001 IND, In Person Term Based; 1-3 cr.

8991 Independent Study
(Student Option;)

58166 001 IND, 00:00-00:00 , Independent/Directed Study; 0.5-3 cr.

58167 002 IND, 00:00-00:00 , Independent/Directed Study; Edward Goetz ; 0.5-3 cr.

58168 004 IND, 00:00-00:00 , Independent/Directed Study; Katherine Fennelly ; 0.5-3 cr.

58169 005 IND, 00:00-00:00 , Independent/Directed Study; Jodi Sandfort ; 0.5-3 cr.

58170 006 IND, 00:00-00:00 , Independent/Directed Study; Carissa Slotterback ; 0.5-3 cr.

58185 003 IND, 00:00-00:00 , Independent/Directed Study; Steve Kelley ; 0.5-3 cr.

Public Health (PUBH)**20 Community Engagement**
(No Grade Associated; Prereq: Academic faculty adviser consent)

63334 001 FWK, 00:00-00:00 , Independent/Directed Study; 0 cr.

1001 Success Over Stress (SOS)
(Student Option; Prereq: Undergrad or PSEO student)

63439 001 LEC, Completely Online; Sarah Keene ; 1 cr.
63448 002 LEC, Completely Online; Sarah Keene ; 1 cr.
63481 006 LEC, Completely Online; Sarah Keene ; 1 cr.
68775 003 LEC, Completely Online; Sarah Keene ; 1 cr.

1003 Alcohol and College Life (ACL)
(Student Option; Prereq: Undergrad or PSEO student.)

63205 001 LEC, Completely Online; Ashley Mitchell ; 1 cr.
63206 002 LEC, Completely Online; Ashley Mitchell ; 1 cr.
63318 003 LEC, Completely Online; Ashley Mitchell ; 1 cr.

1004 Sexuality Matters
(Student Option; Prereq: Undergrad or PSEO student)

63458 001 LEC, Completely Online; Emily Matson ; 1 cr.
63459 004 LEC, Completely Online; Emily Matson ; 1 cr.
68776 002 LEC, Completely Online; Emily Matson ; 1 cr.

1005 Sleep, Eat, and Exercise
(Student Option; Prereq: [Undergrad or PSEO] student)

63363 001 LEC, Completely Online; Laurie Lucachick ; 1 cr.
63431 002 LEC, Completely Online; Laurie Lucachick ; 1 cr.
63440 006 LEC, Completely Online; Laurie Lucachick ; 1 cr.
68778 003 LEC, Completely Online; Laurie Lucachick ; 1 cr.

3001 Personal and Community Health
(Student Option;)

63116 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;)

63117 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;)

63125 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)

63224 320 LEC, Completely Online; Meets With: 001 PUBH 6003; Ashley Mitchell ; 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)

63118 001 LEC, 14:45-16:45 T, Nils Hasselmo Hall 2-101, In Person Term Based; Julie Sanem ; 2 cr.

3102 Issues in Environmental and Occupational Health

(Student Option;)

63497 320 LEC, Completely Online; Petrona Lee ; 3 cr.

3104 Environmental Health Effects:**Introduction to Toxicology**

(Student Option; Prereq: Previous coursework in biology and chemistry; biochemistry is recommended. Ability to analyze data, and understand the basic functions of DNA, enzymes and other proteins, and lipids.)

66556 001 LEC, 15:30-17:20 W, Bruininks Hall 420A, In Person Term Based; Elizabeth Wattenberg ; 2 cr.

3120 Injury Prevention in the Workplace, Community, and Home

(Student Option; Prereq: Basic epidemiology course preferred but not required)

66554 001 LEC, 12:20-14:15 M, Mayo Bldg & Additions 3-125, In Person Term Based; Meets With: 001 PUBH 6120; Hyun Kim ; 2 cr.

3123 Violence Prevention and Control: Theory, Research and Application

(Student Option No Audit; Prereq: None)

67735 001 LEC, 10:10-12:05 W, Mayo Bldg & Additions C381, 10:10-12:05 M, 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)

63441 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])

63460 001 LEC, 10:10-12:05 W, Moos Health Sci Tower 2-530, In Person Term Based; Zobeida Bonilla ; 2 cr.

3801 Health Economics and Policy

(Student Option; Prereq: Course on microeconomics, course on basic statistics)

63167 001 LEC, 15:35-18:20 W, Civil Engineering Bldg 212, In Person Term Based; Caroline Carlin, Eric Christensen ; 3 cr.

3955 Using Policy to Address Child & Adolescent Obesity Prevention

(Student Option;)

63506 320 LEC, Completely Online; Nicole Larson, Melissa Laska ; 1 cr.

6003 Fundamentals of Alcohol and Drug Abuse for Teacher Education

(Student Option; Prereq: Master of education student or instr consent)

63168 001 LEC, Completely Online; Meets With: 320 PUBH 3005; Ashley Mitchell ; 1 cr.

6020 Fundamentals of Social and Behavioral Science

(A-F only;)

63200 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Jennifer Linde ; 2 cr.

6025 Designing e-Interventions for Public Health

(Student Option;)

63488 001 LEC, 13:25-15:20 M, Mayo Bldg & Additions 1250, In Person Term Based; Keith Horvath ; 2 cr.

6034 Evaluation

(Student Option;)

63113 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;)

63264 001 LEC, 13:25-15:00 TTh, Jackson Hall 2-137, In Person Term Based; Traci Toomey ; 1 cr.

6049 Legislative Advocacy Skills for Public Health

(A-F only;)

63114 001 FWK, 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, 15:35-17:30 Th, Weaver-Densford Hall W2-110, 15:35-17:30 Th, Weaver-Densford Hall W2-110, In Person Term Based; Traci Toomey ; 3 cr.

6051 Community Health Theory and Practice II

(A-F only;)

63094 001 LEC, 11:15-12:30 TTh, Mayo Bldg & Additions D199, In Person Term Based; Traci Toomey ; 3 cr.

6055 Social Inequalities in Health

(Student Option;)

63223 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;)

63474 001 LEC, 15:35-17:30 W, Mayo Bldg & Additions A110, In Person Term Based; Jennifer Linde ; 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)

63496 320 LEC, Completely Online; Petrona Lee ; 2 cr.

6106 Making Sense of Health Studies

(Student Option No Audit;)

63479 001 DIS, 12:20-14:15 Th, , In Person Term Based; George Maldonado ; 2 cr.

6107 Excel? and Access? skills in public health settings

(Student Option; Prerequisites)

63530 001 LEC, 13:25-15:20 Th, Moos Health Sci Tower 2-580, In Person Term Based; Claudia Munoz-Zanzi ; 1 cr.

6109 Environmental Health: Science, Politics, and Policy

(A-F only;)

67532 001 LEC, 17:30-19:20 TTh, Bruininks Hall 512A, In Person Term Based; Patricia McGovern, Elizabeth Wattenberg ; 4 cr.

6116 Environmental Law

(Student Option;)

63358 001 LEC, 16:40-17:30 W, Moos Health Sci Tower 1-455, In Person Term Based; Michael Austin ; 1 cr.

6120 Injury Prevention in the Workplace, Community, and Home

(Student Option;)

66555 001 LEC, 12:20-14:15 M, Mayo Bldg & Additions 3-125, In Person Term Based; Meets With: 001 PUBH 3120; Hyun Kim ; 2 cr.

6123 Violence Prevention and Control: Theory, Research, and Application

(Student Option;)

67730 001 LEC, 10:10-12:05 W, Mayo Bldg & Additions C381, 10:10-12:05 M, 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)

63101 001 LEC, 17:00-19:00 W, Mayo Bldg & Additions 1250, In Person Term Based; Steven Kirkhorn ; 2 cr.

6131 Working in Global Health

(Student Option; Prereq Grad student.)

63482 001 LEC, 18:00-20:00 MW, Mayo Bldg & Additions D325, In Person Term Based; William Toscano, Bruce Alexander ; 2 cr.

6135 Job Search Strategies and Career Professional Development

(S-N only;)

67007 001 LEC, 14:30-16:10 T, Mayo Bldg & Additions 1250, In Person Term Based; Vic Massaglia ; 1 cr.

6140 Occupational and Environmental Epidemiology

(Student Option; Prereq: Coursework in epidemiology, biostatistics)

63104 001 LEC, 9:05-11:00 Th, Moos Health Sci Tower 1-435, 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)

63102 001 LEC, 10:10-13:10 T, Mayo Bldg & Additions 1250, In Person Term Based; Kimberly Anderson ; 3 cr.

6151 Occupational and Environmental Health Nursing Seminar

(S-N only; Prereq: Enrolled in OEHN program, MS, MPH, PhD degrees)

68522 001 LEC, In Person Term Based; 1 cr.

6154 Climate Change and Global Health

(Student Option; Prereq: Students must have elementary computer skills.)

63486 001 LEC, 13:00-14:15 TTh, Moos Health Sci Tower 2-120, In Person Term Based; Matt Simcik ; 3 cr.

6160 Principles of Toxicology II

(Student Option; Prereqs: Biochemistry and PubH 6104 or permission of the instructor)

63105 001 LEC, 15:35-16:50 TTh, Mayo Bldg & Additions 1155, In Person Term Based; Lisa Peterson, Irina Stepanov ; 3 cr.

6161 Regulatory Toxicology

(Student Option; Prereq: Background in toxicology or pharmacology or related field is recommended)

63359 001 LEC, 17:30-19:30 Th, Mayo Bldg & Additions 1250, In Person Term Based; Silvia Balbo ; 2 cr.

6172 Industrial Hygiene Applications

(Student Option;)

63425 001 LEC, 9:05-11:00 F, Mayo Bldg & Additions 1250, In Person Term Based; Susan Arnold ; 2 cr.

6174 Control of Workplace Exposure

(Student Option;)

63426 001 LEC, 16:40-19:40 M, Weaver-Densford Hall W2-110, In Person Term Based; Peter Raynor ; 3 cr.

6182 Emerging Infectious Disease: Current Issues, Policies, and Controversies

(Student Option; Prereq: AHC student, instr consent)

63515 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;)

63510 001 LEC, 16:00-18:00 W, Moos Health Sci Tower 2-580, 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])

63252 001 LEC, 9:05-9:55 T, Moos Health Sci Tower 1-455, In Person Term Based; William Lohman ; 1 cr.

6231 Global Health Capstone

(Student Option;)

68346 320 LEC, Completely Online; Zobeida Bonilla ; 1 cr.

6242 Cultural Humility with American Indian Populations

(Student Option;)

67249 001 LEC, 18:00-20:00 W, Moos Health Sci Tower 2-520, In Person Term Based; Linda Frizzell ; 2 cr.

6243 American Indian Research, Evaluation and Collaborations

(A-F only;)

67250 001 LEC, 18:00-20:00 Th, Moos Health Sci Tower 2-520, In Person Term Based; Linda Frizzell ; 2 cr.

6250 Foundations of Public Health

(A-F only;)

67251 320 DIS, Completely Online; Harry Lando ; 2 cr.

6303 Clinical Research Project Seminar

(S-N only;)

63153 001 LEC, 14:30-16:25 M, Weaver-Densford Hall W2120, In Person Term Based; Russell Luepker ; 2 cr.

6307 Clinical Epidemiology

(Student Option;)

67177 320 LEC, Completely Online; Kamakshi Lakshminarayan ; 2 cr.

6320 Fundamentals of Epidemiology

(A-F only;)
63349 001 LEC, 8:00- 9:55 T, Weaver-Densford Hall W2120, In Person Term Based; DeAnn Lazovich ; 3 cr.
63350 002 LAB, 8:00- 9:55 Th, Mayo Bldg & Additions D199, In Person Term Based; DeAnn Lazovich ; 3 cr.
63351 320 LEC, Completely Online; Theresa Osypuk ; 3 cr.

6325 Data Processing with PC-SAS

(Student Option;)
63218 001 LEC, Completely Online; Michael Oakes ; 1 cr.
63219 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.

6334 Human Behavior II

(A-F or Audit; Prereq: [6333, Epidemiology grad student in behavioral track] or instr consent)
66064 001 LEC, 15:35-17:30 W, West Bank Office Bldg 410, In Person Term Based; Sonya Brady ; 2 cr.

6342 Epidemiologic Methods II

(Student Option;)
63248 001 LEC, 16:00-17:15 TTh, Moos Health Sci Tower 2-690, In Person Term Based; Jim Pankow, Rachel Widome ; 3 cr.

6344 Completing the Integrated Learning Experience: Secondary Data Analysis

(Student Option;)
63509 001 LEC, 9:05-11:00 M, Mayo Bldg & Additions D199, In Person Term Based; Ryan Demmer, Nancy Sherwood ; 2 cr.

6383 Vaccines

(Student Option;)
67176 001 LEC, 14:30-16:25 MW, Moos Health Sci Tower 2-118, In Person Term Based; Nicole Basta ; 2 cr.

6385 Epidemiology and Control of Infectious Diseases

(Student Option;)
63093 001 LEC, 14:30-16:25 MW, Moos Health Sci Tower 2-520, In Person Term Based; Alan Lifson ; 2 cr.

6386 Cardiovascular Disease Epidemiology and Prevention

(Student Option; Prereq: [PubH 6320 OR 6341 AND 6450] OR [equivalent] OR [permission of instructor])
63494 001 LEC, 13:25-15:20 T, Weaver-Densford Hall W2-110, 13:25-15:20 T, Moos Health Sci Tower 1-451, 13:25-15:20 T, Weaver-Densford Hall W2-110, In Person Term Based; Pamela Lutsey ; 2 cr.

6387 Cancer Epidemiology

(Student Option;)
63099 001 LEC, 10:10-12:05 TTh, Weaver-Densford Hall W2120, In Person Term Based; Heather Nelson ; 2 cr.

6414 Biostatistical Literacy

(A-F only; Prereq: MPH or certificate student or environmental health or instr consent)
63317 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Marta Shore ; 3 cr.

6450 Biostatistics I

(A-F only; Prereq: [College-level algebra, health sciences grad student] or instr consent)
63095 001 LEC, 10:10-12:05 MW, Bruininks Hall 432, In Person Term Based; Marta Shore, Laura Le ; 4 cr.
63160 002 LAB, 12:20-13:10 M, Mayo Bldg & Additions C381, In Person Term Based; Marta Shore, Laura Le ; 4 cr.
63161 003 LAB, 11:15-12:05 T, Mayo Bldg & Additions C381, In Person Term Based; Marta Shore, Laura Le ; 4 cr.
63454 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)
63096 001 LEC, 10:10-12:05 MW, Mayo Bldg & Additions 3-125, In Person Term Based; Weihua Guan ; 4 cr.
63455 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)
63120 001 LEC, 13:25-16:00 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)
63121 001 LEC, 9:05-11:00 W, 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)
63249 001 LEC, 10:10-12:00 W, Mayo Bldg & Additions A110, In Person Term Based; Richard Drill-Mellum ; 1 cr.

6554 Healthcare Strategy and Marketing

(A-F or Audit; Prereq: Health care admin student or public health admin student or instr consent)
63122 001 LEC, 13:25-15:55 T, Moos Health Sci Tower 2-580, 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)
63225 001 LEC, 9:05-12:05 M, Mayo Bldg & Additions D325, In Person Term Based; Kimberly Parrish ; 3 cr.

6560 Operations Research and Quality in Health Care

(A-F only; Prereq: Grad-level statistics/management coursework)
63476 001 LEC, 13:25-14:55 TTh, Mayo Bldg & Additions D325, In Person Term Based; Bjorn Berg ; 3 cr.

6570 Healthcare Administration

(Student Option; Prereq: dept consent)
68356 001 LEC, 13:25-15:25 M, Mayo Bldg & Additions D325, In Person Term Based; Tetyana Shippee ; 1-4 cr.
68703 002 LEC, 9:05-12:25 Th, Mayo Bldg & Additions D325, In Person Term Based; Lori Abrams ; 1-4 cr.

6577 Advanced Problem Solving in Health Services Administration

(A-F only; Prereq: MHA student)
63354 001 LEC, 00:00-00:00 , In Person Term Based; Justine Mishek ; 2 cr.

6578 Negotiation Strategies

(A-F only; Prereq: MHA student or instructor permission)
63491 001 LEC, 9:05-12:25 T, Mayo Bldg & Additions D325, In Person Term Based; Lori Abrams ; 2 cr.

6596 Legal Considerations in Health Services Organizations

(A-F or Audit; Prereq: Health care admin student)
63124 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)
63507 001 LEC, 13:25-15:20 TTh, Jackson Hall 2-137, In Person Term Based; Ruby Nguyen ; 2 cr.

6606 Children's Health: Life Course and Equity Perspectives

(Student Option;)
63508 320 LEC, Completely Online; Ellen Demerath ; 2 cr.

6636 Qualitative Research Methods in Public Health Practice

(Student Option;)
63489 001 LEC, 14:30-16:25 M, Mayo Bldg & Additions D199, In Person Term Based; Melissa Laska ; 2 cr.

6673 Grant Writing for Public Health

(Student Option;)
63360 001 LEC, 12:20-14:15 M, Weaver-Densford Hall W2-110, In Person Term Based; DeAnn Lazovich ; 1 cr.

6702 Integrative Leadership Seminar

(Student Option; Prereq: University of Minnesota doctoral student or master's student, Integrative Leadership minor)
63457 001 LEC, 18:00-20:45 Th, Ford Hall 155, In Person Term Based; Meets With: 001 OLPD 6402; 3 cr.
63499 060 LEC, 18:45-20:00 Th, No Room Required, In Person Term Based; Vanessa Laird ; 3 cr.

6711 Public Health Law

(Student Option; Prereq: Grad student or professional school student or instr consent)
63109 001 LEC, 17:45-19:40 W, Mayo Bldg & Additions A110, In Person Term Based; Anne Barry ; 2 cr.

6715 India: Global Health, Globalization, & Leadership

(S-N only;)
67818 001 LEC, In Person Term Based; Shailey Prasad ; 3 cr.

6724 The Health Care System and Public Health

(Student Option; Prereq: Public health or grad student or instr consent)
63253 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)
63226 001 LEC, 10:10-12:05 T, Moos Health Sci Tower 2-690, In Person Term Based; Katie White ; 2 cr.

6735 Principles of Health Policy

(A-F only;)
63495 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)
63166 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Ruth Mickelsen ; 1 cr.
68340 321 LEC, Completely Online; Joel Wu ; 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)
63154 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)
63250 320 LEC, 00:00-00:00 , ONLINE, Completely Online; James Begun ; 2 cr.
63374 201 LEC, 13:25-15:20 MW, Nils Hasselmo Hall 2-101, In Person Term Based; Rebecca Wurtz ; 2 cr.

6765 Continuous Quality Improvement: Methods and Techniques

(Student Option;)
63260 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Timothy Eller, James McCarthy ; 3 cr.

6772 Health Disparities Capstone Seminar

(Student Option No Audit; Prereq: CSPH 5115 OR PubH 6066 OR PUBH 6055 OR PUBH 6855, 2d yr MPH student completing SPH health disparities interdisciplinary concentration] or instr consent)
63362 001 LEC, 9:05-11:00 F, Moos Health Sci Tower 2-116, In Person Term Based; Jean Forster, Kathleen Call ; 1 cr.

6780 Topics: Public Health Administration and Policy

(Student Option;)
68012 001 LEC, 10:10-12:15 Th, Weaver-Densford Hall W2-110, In Person Term Based; Rachel Hardeman ; 2 cr.

6803 Conducting a Systematic Literature Review

(Student Option No Audit; Prereq: Basic knowledge of epidemiology)
63265 001 LEC, 15:35-18:35 M, Moos Health Sci Tower 2-580, In Person Term Based; Mary Butler ; 3 cr.

6804 Mental Health Policy

(Student Option;)
63445 002 LEC, 15:35-17:30 M, Mayo Bldg & Additions D325, 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)

63516 001 LEC, 17:00-19:00 T, Mayo Bldg & Additions D199, 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)

63473 001 LEC, 13:25-15:20 M, Jackson Hall 2-137, 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)

63290 001 LEC, 9:05-12:05 W, Room TBA, In Person Term Based; Karen Kuntz ; 3 cr.

6810 Survey Research Methods

(Student Option No Audit;)

63438 001 LEC, 14:30-15:45 TTh, Mayo Bldg & Additions D199, 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.)

67351 001 LEC, 17:45-19:30 Th, Moos Health Sci Tower 2-580, In Person Term Based; Soo-Young Lee ; 2 cr.

6845 Using Demographic Data for Policy Analysis

(A-F only; Prereq: [Grad level research methods course, basic statistics course] or instr consent)

66549 001 LEC, 9:05-11:00 F, Mayo Bldg & Additions D199, 12:20-14:15 T, Moos Health Sci Tower 2-118, In Person Term Based; Donna McAlpine ; 3 cr.

6852 Program Evaluation in Health and Mental Health Settings

(A-F only;)

63199 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)

63210 001 LEC, 14:30-17:30 Th, Mayo Bldg & Additions A110, In Person Term Based; Donna McAlpine ; 3 cr.

6862 Cost-Effectiveness Analysis in Health Care

(Student Option; Prereq: instr consent; introductory econ course recommended)

63315 001 LEC, 13:00-14:15 TTh, Weaver-Densford Hall W2120, In Person Term Based; Karen Kuntz, John Nyman ; 3 cr.

6864 Conducting Health Outcomes Research

(Student Option; Prereq: Introductory course in epidemiology or health services research methods or instr consent)

63498 001 LEC, 15:35-18:15 W, Moos Health Sci Tower 1-435, In Person Term Based; Nathan Shippee ; 3 cr.

6906 Global Nutrition

(Student Option; Prereq: Grad student)

63263 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;)

63112 001 LEC, 11:15-12:30 TTh, Mayo Bldg & Additions A110, In Person Term Based; Jennifer Linde ; 3 cr.

6933 Nutrition and Chronic Diseases

(Student Option;)

63115 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;)

63492 320 LEC, Completely Online; Nicole Larson, Melissa Laska ; 1 cr.

7094 Integrative Learning Experience: Community Health Promotion

(S-N only; Prereq: CHP program, instr consent)

63169 001 IND, 00:00-00:00 , Independent/Directed Study; Keith Horvath ; 1-6 cr.

7096 Applied Practice Experience: Community Health Promotion

(S-N only; Prereq: CHP program, instr consent)

63172 001 FWK, 00:00-00:00 , Independent/Directed Study; Theresa Osypuk ; 1-5 cr.

7193 Directed Study: Environmental Health
(Student Option No Audit; Prereq: instr consent)

63179 001 IND, 00:00-00:00 , Independent/Directed Study; Patricia McGovern ; 1-4 cr.

63370 002 IND, 00:00-00:00 , Independent/Directed Study; Peter Raynor ; 1-4 cr.

63381 003 IND, 00:00-00:00 , Independent/Directed Study; Gurumurthy Ramachandran ; 1-4 cr.

63433 004 IND, 00:00-00:00 , Independent/Directed Study; 1-4 cr.

63434 005 IND, 00:00-00:00 , Independent/Directed Study; George Maldonado ; 1-4 cr.

7194 Integrative Learning Experience: Environmental Health

(S-N only; Prereq: Environmental health program, instr consent)

63254 001 IND, 00:00-00:00 , Independent/Directed Study; Hyun Kim ; 1-5 cr.

63255 002 IND, 00:00-00:00 , Independent/Directed Study; Bruce Alexander ; 1-5 cr.

63256 003 IND, 00:00-00:00 , Independent/Directed Study; William Toscano ; 1-5 cr.

63267 004 IND, 00:00-00:00 , Independent/Directed Study; Michael Osterholm ; 1-5 cr.

63268 005 IND, 00:00-00:00 , Independent/Directed Study; Elizabeth Wattenberg ; 1-5 cr.

63269 006 IND, 00:00-00:00 , Independent/Directed Study; Craig Hedberg ; 1-5 cr.

63270 007 IND, 00:00-00:00 , Independent/Directed Study; George Maldonado ; 1-5 cr.

63271 008 IND, 00:00-00:00 , Independent/Directed Study; 1-5 cr.

63288 009 IND, 00:00-00:00 , Independent/Directed Study; Lisa Peterson ; 1-5 cr.

63289 010 IND, 00:00-00:00 , Independent/Directed Study; Peter Raynor ; 1-5 cr.

63403 011 IND, 00:00-00:00 , Independent/Directed Study; Matt Simcik ; 1-5 cr.

63424 012 IND, 00:00-00:00 , Independent/Directed Study; Claudia Munoz-Zanzi ; 1-5 cr.

68523 013 IND, In Person Term Based; 1-5 cr.

7196 Applied Practice Experience: Environmental Health

(S-N or Audit; Prereq: Environmental health student, instr consent)

63257 003 FWK, 00:00-00:00 , Independent/Directed Study; Patricia McGovern ; 1-5 cr.

63258 004 FWK, 00:00-00:00 , Independent/Directed Study; William Toscano ; 1-5 cr.

63259 005 FWK, 00:00-00:00 , Independent/Directed Study; George Maldonado ; 1-5 cr.

63272 001 FWK, 00:00-00:00 , Independent/Directed Study; Matt Simcik ; 1-5 cr.

63273 002 FWK, 00:00-00:00 , Independent/Directed Study; Susan Gerberich ; 1-5 cr.

63377 006 FWK, 00:00-00:00 , Independent/Directed Study; Michael Osterholm ; 1-5 cr.

63378 007 FWK, 00:00-00:00 , Independent/Directed Study; Craig Hedberg ; 1-5 cr.

63379 008 FWK, 00:00-00:00 , Independent/Directed Study; Peter Raynor ; 1-5 cr.

7250 Designing and Conducting Focus Group Interviews
(Student Option No Audit;)

63372 001 LEC, 8:00-16:30 MT, Carlson School of Mgmt 2-213, In Person Term Based; Richard Krueger ; 1 cr.

63373 002 LEC, 8:00-16:30 WTh, Carlson School of Mgmt 2-213, In Person Term Based; Richard Krueger ; 1 cr.

63461 003 LEC, 8:00-16:30 MT, Carlson School of Mgmt 2-213, In Person Term Based; Richard Krueger ; 1 cr.

7294 Integrative Learning Experience: Public Health Practice

(S-N only; Prereq: Public health practice MPH program, instr consent)

63175 001 IND, 00:00-00:00 , Independent/Directed Study; Larissa Minicucci ; 0.5-4 cr.

7296 Applied Practice Experience: Public Health Practice

(S-N only; Prereq: public health practice student, instr consent)

63177 001 FWK, 00:00-00:00 , Independent/Directed Study; Larissa Minicucci ; 0.5-8 cr.

7394 Integrative Learning Experience: Epidemiology

(S-N only;)

63243 001 IND, 00:00-00:00 , Independent/Directed Study; Jenny Poynter ; 1-6 cr.

7396 Applied Practice Experience: Epidemiology

(S-N only; Prereq: epidemiology student, instr consent)

63110 001 FWK, 00:00-00:00 , Independent/Directed Study; 1-5 cr.

7402 Biostatistics Modeling and Methods

(Student Option; Prereq: 7401; intended for PhD students in health sciences)

63261 001 LEC, 12:20-14:15 TTh, Moos Health Sci Tower 2-690, In Person Term Based; Lynn Eberly, Wei Pan ; 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)

63098 001 LEC, 14:30-16:25 TTh, Weaver-Densford Hall W2120, In Person Term Based; Baolin Wu, Haitao Chu ; 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)

63097 001 LEC, 9:45-11:00 TTh, Mayo Bldg & Additions 3-125, In Person Term Based; Jim Neaton ; 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)

63211 001 LEC, 13:00-14:15 TTh, Mayo Bldg & Additions D199, In Person Term Based; Joe Koopmeiners ; 3 cr.

7462 Advanced Programming and Data Analysis in R

(Student Option;)

63525 001 LEC, 14:30-16:25 F, Bruininks Hall 530A, 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)

63437 001 LEC, 11:15-12:05 MWF, Moos Health Sci Tower 2-116, 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)

63472 001 LEC, 9:45-11:00 MW, Akerman Hall 225, In Person Term Based; Meets With: 001 PUBH 8475001 STAT 8056; Wei Pan, Xiaotong Shen ; 3 cr.

7494 Integrative Learning Experience: Biostatistics

(S-N only; Prereq: Biostatistics program, instr consent)

63155 001 IND, 00:00-00:00 , Independent/Directed Study; Chap Le ; 1-3 cr.

63156 002 IND, 00:00-00:00 , Independent/Directed Study; Julian Wolfson ; 1-3 cr.

63157 003 IND, 00:00-00:00 , Independent/Directed Study; Mark Fiecas ; 1-3 cr.

63158 004 IND, 00:00-00:00 , Independent/Directed Study; Haitao Chu ; 1-3 cr.

63159 005 IND, 00:00-00:00 , Independent/Directed Study; Eric Lock ; 1-3 cr.

63299 006 IND, 00:00-00:00 , Independent/Directed Study; Erika Helgeson ; 1-3 cr.

63300 007 IND, 00:00-00:00 , Independent/Directed Study; Cavan Reilly ; 1-3 cr.

63301 008 IND, 00:00-00:00 , Independent/Directed Study; 1-3 cr.

7496 Applied Practice Experience: Biostatistics

(S-N only; Prereq: biostatistics MPH student)

63251 001 FWK, 00:00-00:00 , Independent/Directed Study; 1 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)

63464 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Elizabeth David ; 3 cr.

7547 Health Care Human Resource

Management

(A-F only;)

63452 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Jennifer Preston ; 2 cr.

7551 Principles of Management in Health Services Organizations

(A-F only;)

63466 320 LEC, 00:00-00:00 , ONLINE, Completely Online; James Begun ; 2 cr.

7556 Health and Health Systems

(A-F only;)

63465 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Jon Christianson ; 2 cr.

7560 Operations Research and Quality in Health Care

(A-F only;)

65964 320 LEC, Completely Online; Bjorn Berg ; 3 cr.

7564 Private Purchasers of Health Care

(A-F only;)

63449 320 LEC, Completely Online; Jon Christianson ; 2 cr.

7565 Innovation of Healthcare Services

(A-F only;)

63463 320 LEC, Completely Online; Ryan Armbruster ; 2 cr.

7570 Population Health

(A-F only; Prereq: dept consent)

67191 320 DIS, Completely Online; Mary Wells, Beth Virnig ; 1 cr.

7581 Supports and Services for Long Term Care

(A-F only;)

63123 001 LEC, In Person Term Based; 1.5 cr.

7590 Gerontology for Healthcare Managers

(A-F only;)

63511 001 LEC, In Person Term Based; 1 cr.

7591 Independent Study: Health Care Administration

(Student Option; Prereq: instr consent)

63234 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

63371 002 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

63376 003 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

63418 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)

63222 001 LEC, 00:00-00:00 , , In Person Term Based; Mary Ellen Wells ; 2 cr.

7694 Integrative Learning Experience:

Maternal and Child Health

(S-N only; Prereq: Maternal/child health program, instr consent)

63182 001 IND, 00:00-00:00 , , Independent/Directed Study; Ruby Nguyen ; 1-4 cr.

7696 Applied Practice Experience: Maternal and Child Health

(S-N only; Prereq: Maternal and Child Health Student, instr consent)

63185 001 FWK, 00:00-00:00 , , Independent/Directed Study; Ellen Demerath ; 1-5 cr.

7710 Setting Priorities and Framing Public Health Issues

(A-F only;)

63523 320 LEC, Completely Online; JP Leider ; 2 cr.

7730 Public Health Laws, Rules, and Regulations

(A-F only;)

63524 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)

63262 001 LEC, 15:35-17:30 W, Weaver-Densford Hall W2120, In Person Term Based; Rebecca Wurtz ; 1 cr.

63500 003 LEC, In Person Term Based; Scott Leischow ; 1 cr.

68285 320 LEC, Completely Online; Stuart Grande ; 1 cr.

7791 Independent Study: Public Health Administration and Policy

(Student Option; Prereq: Public hlt admin/policy major, instr consent)

63126 001 IND, 00:00-00:00 , , Independent/Directed Study; Kathleen Call, Jean Forster ; 1-6 cr.

7794 Integrative Learning Experience:

Public Health Administration and Policy (S-N or Audit; Prereq: Public health administration / policy program, instr consent)

63212 001 IND, 00:00-00:00 , , Independent/Directed Study; Rebecca Wurtz ; 2-3 cr.

63213 002 IND, Independent/Directed Study; Katie White ; 2-3 cr.

63216 005 IND, Independent/Directed Study; Ezra Golberstein ; 2-3 cr.

63291 006 IND, Independent/Directed Study; JP Leider ; 2-3 cr.

63292 007 IND, Independent/Directed Study; 2-3 cr.

63384 015 IND, Independent/Directed Study; John Nyman ; 2-3 cr.

63385 016 IND, Independent/Directed Study; Sarah Gollust ; 2-3 cr.

63386 017 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Beebe ; 2-3 cr.

63387 018 IND, 00:00-00:00 , , Independent/Directed Study; Rachel Hardeman ; 2-3 cr.

63388 019 IND, 00:00-00:00 , , Independent/Directed Study; Katy Kozhimannil ; 2-3 cr.

63389 020 IND, 00:00-00:00 , , Independent/Directed Study; Mary Butler ; 2-3 cr.

63501 050 IND, Independent/Directed Study; Carrie Henning-Smith ; 2-3 cr.

63502 220 IND, Independent/Directed Study; Rebecca Wurtz ; 2-3 cr.

7796 Applied Practice Experience: Public Health Administration and Policy

(S-N only; Prereq: public health administration and policy student, instr consent)

63127 001 FWK, 00:00-00:00 , , Independent/Directed Study; Rebecca Wurtz ; 2 cr.

63128 002 FWK, 00:00-00:00 , , Independent/Directed Study; Rebecca Wurtz ; 2 cr.

63129 003 FWK, 00:00-00:00 , , Independent/Directed Study; Marjorie Baldwin ; 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)

63227 001 IND, 00:00-00:00 , , Independent/Directed Study; Nathan Shippee ; 1-5 cr.

63228 002 IND, 00:00-00:00 , , Independent/Directed Study; Karen Kuntz ; 1-5 cr.

63229 003 IND, 00:00-00:00 , , Independent/Directed Study; Donna McAlpine ; 1-5 cr.

63230 004 IND, 00:00-00:00 , , Independent/Directed Study; John Nyman ; 1-5 cr.

63231 005 IND, 00:00-00:00 , , Independent/Directed Study; Pinar Karaca Mandic ; 1-5 cr.

63364 006 IND, 00:00-00:00 , , Independent/Directed Study; Lynn Blewett ; 1-5 cr.

63365 007 IND, 00:00-00:00 , , Independent/Directed Study; 1-5 cr.

63366 008 IND, 00:00-00:00 , , Independent/Directed Study; 1-5 cr.

63367 009 IND, 00:00-00:00 , , Independent/Directed Study; 1-5 cr.

63368 200 IND, 00:00-00:00 , , Independent/Directed Study; Nathan Shippee ; 1-5 cr.

63369 201 IND, 00:00-00:00 , , Independent/Directed Study; 1-5 cr.

7994 Integrative Learning Experience:

Public Health Nutrition

(S-N only; Prereq: PubH Nutr program, instr consent)

63188 001 IND, 00:00-00:00 , , Independent/Directed Study; Jamie Stang ; 1-6 cr.

7996 Field Experience: Public Health Nutrition

(S-N only; Prereq: Public health nutrition major, dept consent)

63191 001 FWK, 00:00-00:00 , , Independent/Directed Study; Aida Miles, Jamie Stang ; 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)

63108 001 LEC, 9:00-11:00 F, Mayo Bldg & Additions A110, In Person Term Based; Bruce Alexander, Susan Gerberich ; 1 cr.

8166 Experiences in Toxicology Research

(A-F only; Prereq: Environmental health PhD student in toxicology concentration)

63353 001 LAB, 00:00-00:00 , , Independent/Directed Study; Lisa Peterson ; 3 cr.

8194 Directed Research: Environmental Health

(Student Option; Prereq: instr consent)

63405 003 IND, 00:00-00:00 , , Independent/Directed Study; Susan Gerberich ; 1-6 cr.

63430 007 IND, Independent/Directed Study; 1-6 cr.

8342 Advanced Epidemiologic Methods: Applications

(Student Option;)

63432 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)

63111 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)

63152 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

8394 Plan B Project: Clinical Research

(S-N only;)

63490 001 IND, In Person Term Based; 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)

63468 001 LEC, 13:00-14:15 TTh, Moos Health Sci Tower 1-430, In Person Term Based; Thomas Murray ; 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)

63100 001 LEC, 9:45-11:00 MW, Moos Health Sci Tower 1-430, In Person Term Based; Eric Lock ; 3 cr.

8444 FTE: Doctoral

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

68539 001 IND, In Person Term Based; 1 cr.

68540 002 IND, In Person Term Based; 1 cr.

68541 003 IND, In Person Term Based; 1 cr.

68542 004 IND, In Person Term Based; 1 cr.

8472 Spatial Biostatistics

(Student Option; Prereq: [[STAT 5101, STAT 5102] or [STAT 8101, STAT 8102]], some experience with S-plus; STAT 8311 recommended)

66802 001 LEC, 11:15-12:30 MW, Moos Health Sci Tower 2-118, In Person Term Based; Lin Zhang ; 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)

63475 001 LEC, 9:45-11:00 MW, Akerman Hall 225, In Person Term Based; Meets With: 001 PUBH 7475001 STAT 8056; Wei Pan, Xiaotong Shen ; 3 cr.

8494 Directed Research: Biostatistics

(S-N only; Prereq: instr consent)

63162 001 IND, 00:00-00:00 , , Independent/Directed Study; Jim Neaton ; 1-4 cr.
63163 002 IND, 00:00-00:00 , , Independent/Directed Study; Julian Wolfson ; 1-4 cr.
63164 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)

68543 001 IND, In Person Term Based; 1-6 cr.
68544 002 IND, In Person Term Based; ; 1-6 cr.
68545 003 IND, In Person Term Based; ; 1-6 cr.
68546 004 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])

67172 001 IND, In Person Term Based; 1-18 cr.
67173 002 IND, In Person Term Based; ; 1-18 cr.
67174 003 IND, In Person Term Based; ; 1-18 cr.
67175 004 IND, In Person Term Based; ; 1-18 cr.

8802 Health Services Policy Analysis:**Applications**

(A-F or Audit;)

67350 001 LEC, 10:10-12:05 W, Mayo Bldg & Additions 1250, In Person Term Based; Sarah Gollust, Lynn Blewett ; 2 cr.

8830 Writing for Research

(Student Option No Audit; Prereq: HSRPA PhD student or instr consent)

63319 001 LEC, 10:10-12:05 T, Moos Health Sci Tower 2-120, 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.)

68530 001 IND, In Person Term Based; 1-24 cr.
68531 002 IND, In Person Term Based; ; 1-24 cr.
68533 003 IND, In Person Term Based; ; 1-24 cr.
68534 004 IND, In Person Term Based; ; 1-24 cr.

8893 Directed Study: Health Services**Research, Policy, and Administration**

(Student Option; Prereq: HSRPA grad student, instr consent)

63192 001 IND, 00:00-00:00 , , In Person Term Based; Eva Enns ; 1-3 cr.
63193 002 IND, 00:00-00:00 , , In Person Term Based; John Nyman ; 1-3 cr.
63194 003 IND, 00:00-00:00 , , In Person Term Based; Lynn Blewett ; 1-3 cr.

8894 Directed Research: Health Services**Research, Policy, and Administration**

(Student Option; Prereq: HSRPA grad student, instr consent)

63131 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.
63195 002 IND, 00:00-00:00 , , In Person Term Based; Donna McAlpine ; 1-8 cr.
63196 003 IND, 00:00-00:00 , , In Person Term Based; Pinar Karaca Mandic ; 1-8 cr.
63446 004 IND, 00:00-00:00 , , In Person Term Based; Kirk Allison ; 1-8 cr.
63447 005 IND, In Person Term Based; 1-8 cr.

Radiology (RAD)**7101 Externship in Radiology**

(H-N only;)

61977 001 ROT, In Person Term Based; 4 cr.
62438 002 ROT, In Person Term Based; 4 cr.
62439 004 ROT, In Person Term Based; 4 cr.

7105 Externship in Radiology

(H-N only;)

61978 001 ROT, In Person Term Based; 2 cr.
62440 002 ROT, In Person Term Based; 2 cr.
62441 003 ROT, In Person Term Based; 2 cr.
68475 011 ROT, In Person Term Based; ; 2 cr.
68476 012 ROT, In Person Term Based; ; 2 cr.
68477 021 ROT, In Person Term Based; ; 2 cr.
68478 022 ROT, In Person Term Based; ; 2 cr.

68479 031 ROT, In Person Term Based; ; 2 cr.
68480 032 ROT, In Person Term Based; ; 2 cr.
68481 041 ROT, In Person Term Based; ; 2 cr.
68482 042 ROT, In Person Term Based; ; 2 cr.

7110 Radiology Research

(H-N only;)

61979 099 IND, In Person Term Based; 2-8 cr.

7400 Interventional Radiology

(H-N only;)

62062 001 ROT, In Person Term Based; 4 cr.
62442 002 ROT, In Person Term Based; 4 cr.
62443 003 ROT, In Person Term Based; 4 cr.
62444 004 ROT, In Person Term Based; 4 cr.

7530 Nuclear Medicine

(H-N only;)

61631 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62445 002 ROT, In Person Term Based; 4 cr.
62446 003 ROT, In Person Term Based; 4 cr.
62447 004 ROT, In Person Term Based; 4 cr.

7910 Radiology Medical Residency

(No Grade Associated;)

62044 001 FWK, In Person Term Based; 6 cr.

7930 Radiology Medical Fellowship

(No Grade Associated;)

62058 001 FWK, In Person Term Based; 6 cr.

Recreation Administration (REC)**1501 Orientation to Leisure and Recreation**

(A-F only;)

50582 001 LEC, 9:05-11:35 T, Blegen Hall 415, In Person Term Based; 3 cr.

2151 Outdoor and Camp Leadership

(A-F only;)

51216 001 LEC, 18:00-21:00 M, Cooke Hall 214, 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)

51582 001 LEC, 9:00-14:00 F, Folwell Hall 116, 9:00-17:00 F, Folwell Hall 116, 9:00-17:00 F, Folwell Hall 116, 9:00-11:00 F, Folwell Hall 116, In Person Term Based; Bryan Karban ; 3 cr.

3551 Recreation Administration and**Finance**

(A-F only; Prereq: rec major)

50584 001 LEC, 12:20-14:05 MW, Cooke Hall 215, In Person Term Based; Jon Oyanagi ; 4 cr.

3601W Leisure and Human Development

(A-F only; Prereq: REC major or instr consentW)

51068 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)

50603 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)

50709 006 IND, 00:00-00:00 , , In Person Term Based; Connie Magnuson ; 1-9 cr.

4161 Recreation Land Policy

(A-F only;)

51642 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)

51355 001 LEC, 9:00-16:30 FSaSu, Bruininks Hall 512A, 9:00-16:30 FSaSu, Bruininks Hall 512A, In Person Term Based; Chadwick Dayton ; 3 cr.

Rehabilitation Science (RSC)**5294 Independent Study in Rehabilitation Science**

(Student Option; Prereq: Rehabilitation science student or program approval)

61489 001 IND, 00:00-00:00 , , In Person Term Based; Paula Ludewig ; 1-3 cr.
61739 002 IND, 00:00-00:00 , , In Person Term Based; Brendan Dougherty ; 1-3 cr.
61740 003 IND, 00:00-00:00 , , In Person Term Based; Bernadette Gillick ; 1-3 cr.
61741 004 IND, 00:00-00:00 , , In Person Term Based; Arin Ellingson ; 1-3 cr.
61742 005 IND, 00:00-00:00 , , In Person Term Based; John Ferguson ; 1-3 cr.
61743 006 IND, 00:00-00:00 , , In Person Term Based; Dawn Lowe ; 1-3 cr.
61744 007 IND, 00:00-00:00 , , In Person Term Based; Andrew Hansen ; 1-3 cr.
61745 008 IND, 00:00-00:00 , , In Person Term Based; LeAnn Snow ; 1-3 cr.
61746 009 IND, 00:00-00:00 , , In Person Term Based; Manda Keller-Ross ; 1-3 cr.
61747 010 IND, 00:00-00:00 , , In Person Term Based; Peggy Martin ; 1-3 cr.
61828 011 IND, 00:00-00:00 , , In Person Term Based; Virgil Mathiowetz ; 1-3 cr.
62518 012 IND, In Person Term Based; Corey McGee ; 1-3 cr.
62519 013 IND, In Person Term Based; Michael Potegal ; 1-3 cr.
62520 014 IND, In Person Term Based; Patricia Schaber ; 1-3 cr.
62521 015 IND, In Person Term Based; Ann Van de Winkel ; 1-3 cr.

5310 Physiology for Physical Rehabilitation

(A-F or Audit;)

62512 001 LAB, 10:10-12:10 W, No Room Required, 10:10-11:00 MTTThF, No Room Required, In Person Term Based; Manda Keller-Ross ; 1-5 cr.

5841 Applied Data Acquisition and Processing

(A-F or Audit; Prereq: prefer students to have completed general physics, introductory of short calculus)

61908 001 LAB, 13:30-16:20 T, No Room Required, In Person Term Based; John Ferguson ; 3 cr.

5901 Scholarly Inquiry in Health Sciences

(A-F or Audit; Prereq: Three credits of undergraduate statistics, instr consent, dept consent.)

61966 001 LEC, In Person Term Based; 4 cr.

8106 Critical Analysis of Scientific**Literature**

(A-F or Audit;)

67732 001 DIS, 15:00-16:50 W, No Room Required, In Person Term Based; Rich Adamczak, Peggy Martin, Manda Keller-Ross ; 2 cr.

8130 Current Literature Seminar

(A-F or Audit; Prereq: Grad student in PT or rehabilitation science major or instr consent)

62513 001 LEC, In Person Term Based; Dawn Lowe ; 1-3 cr.
62534 002 LEC, In Person Term Based; Brendan Dougherty ; 1-3 cr.
62535 003 LEC, In Person Term Based; Arin Ellingson ; 1-3 cr.
62536 004 LEC, In Person Term Based; John Ferguson ; 1-3 cr.
62537 005 LEC, In Person Term Based; Bernadette Gillick ; 1-3 cr.
62538 006 LEC, In Person Term Based; Andrew Hansen ; 1-3 cr.
62539 007 LEC, In Person Term Based; Manda Keller-Ross ; 1-3 cr.
62540 008 LEC, In Person Term Based; Paula Ludewig ; 1-3 cr.
62541 009 LEC, In Person Term Based; Peggy Martin ; 1-3 cr.
62542 010 LEC, In Person Term Based; Virgil Mathiowetz ; 1-3 cr.
62543 011 LEC, In Person Term Based; Corey McGee ; 1-3 cr.
62544 012 LEC, In Person Term Based; Michael Potegal ; 1-3 cr.
62545 013 LEC, In Person Term Based; Patricia Schaber ; 1-3 cr.
62546 014 LEC, In Person Term Based; LeAnn Snow ; 1-3 cr.
62547 015 LEC, In Person Term Based; Ann Van de Winkel ; 1-3 cr.

8170 Special Topics in Rehabilitation**Science**

(A-F or Audit;)

67734 001 LEC, In Person Term Based; Dawn Lowe ; 1-3 cr.

67738 002 LEC, In Person Term Based; Brendan Dougherty ; 1-3 cr.
 67739 003 LEC, In Person Term Based; Arin Ellingson ; 1-3 cr.
 67740 004 LEC, In Person Term Based; John Ferguson ; 1-3 cr.
 67741 005 LEC, In Person Term Based; Bernadette Gillick ; 1-3 cr.
 67742 006 LEC, In Person Term Based; Andrew Hansen ; 1-3 cr.
 67743 007 LEC, In Person Term Based; Manda Keller-Ross ; 1-3 cr.
 67744 008 LEC, In Person Term Based; Paula Ludewig ; 1-3 cr.
 67745 009 LEC, In Person Term Based; Peggy Martin ; 1-3 cr.
 67746 010 LEC, In Person Term Based; Virgil Mathiowetz ; 1-3 cr.
 67747 011 LEC, In Person Term Based; Corey McGee ; 1-3 cr.
 67748 012 LEC, In Person Term Based; Michael Potegal ; 1-3 cr.
 67749 013 LEC, In Person Term Based; Patricia Schaber ; 1-3 cr.
 67750 014 LEC, In Person Term Based; LeAnn Snow ; 1-3 cr.
 67751 015 LEC, In Person Term Based; Ann Van de Winkel ; 1-3 cr.

8185 Problems in Rehabilitation Science (Student Option;)

61490 001 IND, 00:00-00:00 , , In Person Term Based; Paula Ludewig ; 1-3 cr.
 61748 002 IND, 00:00-00:00 , , In Person Term Based; Brendan Dougherty ; 1-3 cr.
 61749 003 IND, 00:00-00:00 , , In Person Term Based; Bernadette Gillick ; 1-3 cr.
 61750 004 IND, 00:00-00:00 , , In Person Term Based; Arin Ellingson ; 1-3 cr.
 61751 005 IND, 00:00-00:00 , , In Person Term Based; John Ferguson ; 1-3 cr.
 61752 006 IND, 00:00-00:00 , , In Person Term Based; Dawn Lowe ; 1-3 cr.
 61753 007 IND, 00:00-00:00 , , In Person Term Based; Andrew Hansen ; 1-3 cr.
 61754 008 IND, 00:00-00:00 , , In Person Term Based; LeAnn Snow ; 1-3 cr.
 61755 009 IND, 00:00-00:00 , , In Person Term Based; Manda Keller-Ross ; 1-3 cr.
 61756 010 IND, 00:00-00:00 , , In Person Term Based; Peggy Martin ; 1-3 cr.
 61830 011 IND, 00:00-00:00 , , In Person Term Based; Virgil Mathiowetz ; 1-3 cr.
 62526 012 IND, In Person Term Based; Corey McGee ; 1-3 cr.
 62527 013 IND, In Person Term Based; Michael Potegal ; 1-3 cr.
 62528 014 IND, In Person Term Based; Patricia Schaber ; 1-3 cr.
 62529 015 IND, In Person Term Based; Ann Van de Winkel ; 1-3 cr.

8188 Teaching Practicum

(A-F or Audit; Prereq: [Rehabilitation science student or program permission], instr consent)

61785 001 FWK, 00:00-00:00 , , In Person Term Based; Paula Ludewig ; 1-5 cr.
 61786 002 FWK, 00:00-00:00 , , In Person Term Based; Brendan Dougherty ; 1-5 cr.
 61787 003 FWK, 00:00-00:00 , , In Person Term Based; Bernadette Gillick ; 1-5 cr.
 61788 004 FWK, 00:00-00:00 , , In Person Term Based; Arin Ellingson ; 1-5 cr.
 61789 005 FWK, 00:00-00:00 , , In Person Term Based; John Ferguson ; 1-5 cr.
 61790 006 FWK, 00:00-00:00 , , In Person Term Based; Dawn Lowe ; 1-5 cr.
 61791 007 FWK, 00:00-00:00 , , In Person Term Based; Andrew Hansen ; 1-5 cr.
 61792 008 FWK, 00:00-00:00 , , In Person Term Based; LeAnn Snow ; 1-5 cr.
 61793 009 FWK, 00:00-00:00 , , In Person Term Based; Manda Keller-Ross ; 1-5 cr.
 61794 010 FWK, 00:00-00:00 , , In Person Term Based; Peggy Martin ; 1-5 cr.
 61909 011 FWK, 00:00-00:00 , , In Person Term Based; Virgil Mathiowetz ; 1-5 cr.
 62530 012 FWK, In Person Term Based; Corey McGee ; 1-5 cr.
 62531 013 FWK, In Person Term Based; Michael Potegal ; 1-5 cr.
 62532 014 FWK, In Person Term Based; Patricia Schaber ; 1-5 cr.
 62533 015 FWK, In Person Term Based; Ann Van de Winkel ; 1-5 cr.

8333 FTE: Master's

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

61577 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

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

61586 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)

61595 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])

61608 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)

61619 001 IND, In Person Term Based; 1-24 cr.

Religious Studies (RELS)

1001 Introduction to the Religions of the World

(Student Option; GP)

54445 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)

68394 001 LEC, 13:25-14:15 WF, Keller Hall 3-115, In Person Term Based; Meets With: 001 HIST 3092001 CNES 3092001 CNES 1082001 HIST 1082001 RELS 3092; Joshua Reno ; 3 cr.
 68395 002 DIS, 13:25-14:15 M, Mechanical Engineering 102, In Person Term Based; Meets With: 002 HIST 3092002 CNES 3092002 CNES 1082002 HIST 1082002 RELS 3092; Joshua Reno ; 3 cr.
 68396 003 DIS, 13:25-14:15 M, Keller Hall 3-115, In Person Term Based; Meets With: 003 HIST 3092003 CNES 3092003 CNES 1082003 HIST 1082003 RELS 3092; Joshua Reno ; 3 cr.

3001W Theory and Method in Religion: Critical Approaches to the Study of Religion

(Student Option; WI)

54530 001 DIS, 16:00-17:15 MW, Appleby Hall 219, In Person Term Based; Meets With: 001 RELS 5001; Jeanne Kilde ; 3 cr.

3079 Muslims and Jews: Conflict and Co-existence in the Middle East and North Africa since 1700

(Student Option; GP,HIS)

67680 001 LEC, 13:00-14:15 TTh, Blegen Hall 110, In Person Term Based; Meets With: 001 HIST 3511001 JWST 3511; Daniel Schroeter ; 3 cr.

3092 Jesus in History

(Student Option; HIS)

68397 001 LEC, 13:25-14:15 WF, Keller Hall 3-115, In Person Term Based; Meets With: 001 HIST 3092001 CNES 3092001 CNES 1082001 HIST 1082001 RELS 1082; Joshua Reno ; 3 cr.
 68398 002 DIS, 13:25-14:15 M, Mechanical Engineering 102, In Person Term Based; Meets With: 002 HIST 3092002 CNES 3092002 CNES 1082002 HIST 1082002 RELS 1082; Joshua Reno ; 3 cr.
 68399 003 DIS, 13:25-14:15 M, Keller Hall 3-115, In Person Term Based; Meets With: 003 HIST 3092003 CNES 3092003 CNES 1082003 HIST 1082003 RELS 1082; Joshua Reno ; 3 cr.

3115 Midrash: Reading and Retelling the Hebrew Bible

(Student Option;)

68493 001 LEC, 17:30-20:00 W, Nicholson Hall 125, In Person Term Based; Meets With: 001 JWST 5115001 RELS 5115001 CNES 3115001 JWST 3115001 CNES 5115; Ryan Dulkan ; 3 cr.

3205 Women, Gender, and the Hebrew Bible

(Student Option; AH)

66812 001 LEC, 11:15-12:30 TTh, Burton Hall 120, In Person Term Based; Meets With: 001 CNES 3205001 JWST 3205; Hanne Levinson ; 3 cr.

3206 Sex, Murder, and Bodily Discharges: Purity and Pollution in the Ancient World

(Student Option;)

68301 001 DIS, 13:00-14:15 MW, Appleby Hall 103, In Person Term Based; Meets With: 001 CNES 3206001 JWST 3206001 ANTH 3206; Patricia Ahearne-Kroll ; 3 cr.

3373 Religion and Society in Imperial China

(Student Option; HIS)

67691 001 LEC, 16:00-17:15 TTh, Blegen Hall 130, In Person Term Based; Meets With: 001 HIST 3466; Eric Becklin ; 3 cr.

3415W Art of India

(Student Option; AH,WI,GP)

56159 001 LEC, 9:45-11:00 MW, Blegen Hall 130, In Person Term Based; Meets With: 001 ARTH 3014W; Anna Seastrand ; 4 cr.
 56160 002 DIS, 10:10-11:00 F, Blegen Hall 130, In Person Term Based; Meets With: 002 ARTH 3014W; 4 cr.
 56162 004 DIS, 11:15-12:05 W, Blegen Hall 130, In Person Term Based; Meets With: 004 ARTH 3014W; 4 cr.

3502 Ancient Israel: From Conquest to Exile

(Student Option; Prereq: Hebrew not required; 3501 recommended)

67787 001 LEC, 11:15-12:30 TTh, Blegen Hall 140, In Person Term Based; Meets With: 001 HIST 3502001 CNES 3502001 JWST 3502001 CNES 5502; Eva von Dassow ; 3 cr.

3504 Apocalypticism, Cosmic Warfare, and the Maccabees: Jewish Strategies of Resistance in Antiquity

(Student Option;)

55704 001 LEC, 13:00-14:15 TTh, Nicholson Hall 315, In Person Term Based; Meets With: 001 CNES 3504001 JWST 3504; Patricia Ahearne-Kroll ; 3 cr.

3520 History of the Holocaust

(Student Option;)

67690 001 LEC, 8:15- 9:30 MW, Blegen Hall 225, In Person Term Based; Meets With: 001 HIST 3727001 JWST 3520; Jazmine Contreras ; 3 cr.

3627 The End of the World in Literature and History

(Student Option; HIS)

55626 001 DIS, 11:15-12:30 TTh, Anderson Hall 250, In Person Term Based; Meets With: 001 ENGL 3025; John Watkins ; 3 cr.

3679 Religion and Society in Modern South Asia

(A-F Only;)

68370 001 LEC, 13:00-14:15 MW, Appleby Hall 204, In Person Term Based; Meets With: 001 ALL 3679; Nida Sajid ; 3 cr.

3704 Exploring the Quran: An intellectual odyssey with Islam's holy scripture

(Student Option No Audit; AH)

67225 001 DIS, 9:45-11:00 TTh, Nicholson Hall 315, In Person Term Based; Meets With: 001 CNES 3074; Mohsen Goudarzi ; 3 cr.

3714 Islam and the West

(Student Option;)

54879 001 LEC, 10:10-11:00 MWF, Blegen Hall 145, In Person Term Based; Meets With: 001 HIST 3546001 GLOS 3643; Iraj Bashiri ; 3 cr.

3721 North Africa since 1500: Islam, Colonialism, and Independence

(Student Option;)

67681 001 LEC, 9:45-11:00 TTh, Blegen Hall 145, In Person Term Based; Meets With: 001 HIST 3513001 HIST 5513; Daniel Schroeter ; 3 cr.

3722 The Ottoman Empire

(Student Option; GP,HIS)

67682 001 LEC, 16:00-17:15 MW, Blegen Hall 220, In Person Term Based; Meets With: 001 HIST 3547; Fikri Cicek ; 3 cr.

3993 Directed Studies**(Student Option;)**

52311 001 IND, 00:00-00:00 , , In Person Term Based; Jeanne Kilde ; 1-4 cr.

4952 Capstone**(A-F or Audit; Prereq: Limited to RELS majors and second semester junior and seniors. Please see director of Undergraduate Studies for permission.)**

56131 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)**

54531 001 DIS, 16:00-17:15 MW, Appleby Hall 219, In Person Term Based; Meets With: 001 RELS 3001W; Jeanne Kilde ; 3 cr.

5115 Midrash: Reading and Retelling the Hebrew Bible**(Student Option;)**

68490 001 LEC, 17:30-20:00 W, Nicholson Hall 125, In Person Term Based; Meets With: 001 JWST 5115001 CNES 3115001 JWST 3115001 RELS 3115001 CNES 5115; Ryan Dulkun ; 3 cr.

5993 Directed Studies**(Student Option; Prereq: instr consent)**

52493 001 IND, In Person Term Based; 1-4 cr.

8190 Comparative Seminar in Religions in Antiquity**(A-F or Audit; Prereq: Grad student in relevant field)**

66815 001 LEC, 14:30-17:00 Th, Civil Engineering Bldg 214, In Person Term Based; Meets With: 001 CNES 8530; Mohsen Goudarzi ; 3 cr.

Retail Merchandising (RM)**1201 Fashion, Ethics, and Consumption****(Student Option; CIV)**

49823 001 LEC, Completely Online; 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)**

49791 002 FWK, Independent/Directed Study; Hye-Young Kim ; 1-4 cr.

49792 003 FWK, Independent/Directed Study; Juanjuan Wu ; 1-4 cr.

49849 004 FWK, In Person Term Based; Hyunjoo Im ; 1-4 cr.

2215 Introduction to Retail Merchandising**(A-F or Audit;)**

49793 001 LEC, Completely Online; 3 cr.

2234 Retailing in a Digital Age**(A-F only; TS)**

49923 001 LEC, Completely Online; 3 cr.

3124 Consumers of Design**(A-F only; Prereq: retail merchandising major or minor)**

49896 001 DIS, 10:15-11:30 TTh, McNeal Hall 310, In Person Term Based; 3 cr.

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

49937 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)**

49794 001 LEC, 9:35-10:25 W, Ruttan Hall B30, In Person Term Based; Kara Branyon ; 1 cr.

49949 002 LEC, 15:00-15:50 W, Ruttan Hall B22, 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)**

49926 001 DIS, 13:30-14:45 TTh, McNeal Hall 146, In Person Term Based; 3 cr.

3243 Visual Merchandising**(A-F or Audit; Prereq: 2215, [DHA major or minor or instr consent])**

65821 002 LEC, 9:35-12:20 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)**

49837 001 DIS, Completely Online; Meets With: 001 APST 5117; Juanjuan Wu ; 3 cr.

49950 002 DIS, 10:15-11:30 WF, McNeal Hall 310, In Person Term Based; 3 cr.

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

49796 002 LEC, In Person Term Based; Hye-Young Kim ; 2 cr.

49797 003 LEC, In Person Term Based; Juanjuan Wu ; 2 cr.

49850 004 LEC, In Person Term Based; Hyunjoo Im ; 2 cr.

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

49799 002 IND, In Person Term Based; Hye-Young Kim ; 1-4 cr.

49800 003 IND, In Person Term Based; Juanjuan Wu ; 1-4 cr.

49851 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)**

49927 005 FWK, In Person Term Based; Peggy Lord ; 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)**

49804 001 LEC, 11:45-13:00 TTh, Ruttan Hall B35, In Person Term Based; 3 cr.

4247 Advanced Buying and Sourcing**(A-F or Audit; Prereq: RM 2215, RM 3242, [DHA major or minor or instr consent])**

49805 001 LEC, 8:45-10:00 TTh, Biological Sciences Ctr 12, In Person Term Based; 3 cr.

4248 Creative Leadership in Retailing**(A-F only;)**

49904 001 LEC, 15:00-16:15 TTh, McNeal Hall 395, In Person Term Based; 3 cr.

Russian (RUSS)**1102 Beginning Russian II****(Student Option; Prereq: 1101 or equiv)**

52224 001 DIS, 10:10-11:00 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 001 RUSS 4102; Erik McDonald ; 5 cr.

52225 002 DIS, 12:20-13:10 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 002 RUSS 4102; Erik McDonald ; 5 cr.

52226 003 DIS, 17:30-19:35 TTh, Folwell Hall 120, In Person Term Based; Meets With: 003 RUSS 4102; Gary Jahn ; 5 cr.

3002 Intermediate Russian II**(Student Option; Prereq: 3001 or instr consent)**

54055 001 DIS, 11:15-12:05 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 001 RUSS 4104; Nadya Clayton ; 5 cr.

54056 002 DIS, 18:00-20:05 MW, Folwell Hall 104, 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)**

52188 001 DIS, 14:30-15:20 MTWTh, Folwell Hall 106, 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)**

52889 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)**

52189 001 IND, 00:00-00:00 , , In Person Term Based; Gary Jahn ; 3 cr.

55354 002 IND, In Person Term Based; Nadya Clayton ; 3 cr.

55355 003 IND, In Person Term Based; Erik McDonald ; 3 cr.

3411 Dostoevsky in Translation**(Student Option; GP,LITR)**

64878 001 DIS, 13:00-14:15 TTh, Folwell Hall 8, In Person Term Based; Meets With: 001 RUSS 5411; Gary Jahn ; 3 cr.

3422 Literature: Tolstoy to the Present in Translation**(Student Option; LITR)**

52190 001 DIS, 13:25-14:15 MWF, Folwell Hall 8, 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)**

66519 001 DIS, 9:45-11:00 TTh, Kolthoff Hall 132, 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.)**

52192 001 IND, 00:00-00:00 , , In Person Term Based; Erik McDonald ; 1-4 cr.

4102 Beginning Russian for Graduate Research II**(Student Option; Prereq: 4101)**

54059 001 DIS, 10:10-11:00 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 001 RUSS 1102; Erik McDonald ; 5 cr.

54060 002 DIS, 12:20-13:10 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 002 RUSS 1102; Erik McDonald ; 5 cr.

54061 003 DIS, 17:30-19:35 TTh, Folwell Hall 120, In Person Term Based; Meets With: 003 RUSS 1102; Gary Jahn ; 5 cr.

4104 Intermediate Russian II**(Student Option; Prereq: 4103)**

54057 001 DIS, 11:15-12:05 MTWThF, Folwell Hall 16, In Person Term Based; Meets With: 001 RUSS 3002; Nadya Clayton ; 5 cr.

54058 002 DIS, 18:00-20:05 MW, Folwell Hall 104, 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)**

54601 002 DIS, 14:30-15:20 MTWTh, Folwell Hall 106, In Person Term Based; Meets With: 001 RUSS 3102; Erik McDonald ; 4 cr.

5411 Dostoevsky in Translation**(Student Option; GP,LITR)**

64879 001 DIS, 13:00-14:15 TTh, Folwell Hall 8, In Person Term Based; Meets With: 001 RUSS 3411; Gary Jahn ; 3 cr.

5422 Literature: Tolstoy to the Present in Translation**(Student Option; LITR)**

52191 001 DIS, 13:25-14:15 MWF, Folwell Hall 8, 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)**

66520 001 LEC, 9:45-11:00 TTh, Kolthoff Hall 132, 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.)**

52760 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

Scandinavian (SCAN)**3503 Scandinavian Folklore****(Student Option; GP,LITR)**

66234 001 LEC, 14:30-15:45 MW, Nicholson Hall 275, In Person Term Based; Lena Norrman ; 3 cr.

3604W Living Pictures: An Introduction to Nordic Cinema**(Student Option; AH,WI)**

68036 001 DIS, 14:30-16:25 TTh, Folwell Hall 4, In Person Term Based; Benjamin Bigelow ; 3 cr.

3634 Scandinavian Women Writers

(Student Option; GP,LITR)

66235 001 LEC, 9:45-11:00 TTh, Kolthoff Hall 133, In Person
Term Based; Meets With: 001 SCAN 5634; Benjamin Bigelow ; 3 cr.**3993 Directed Studies**

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

52551 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5634 Scandinavian Women Writers

(Student Option; GP,LITR)

66236 001 LEC, 9:45-11:00 TTh, Kolthoff Hall 133, In Person
Term Based; Meets With: 001 SCAN 3634; Benjamin Bigelow ; 3 cr.**5670 Topics in Scandinavian Studies**

(Student Option;)

68410 001 LEC, 14:30-17:00 T, Appleby Hall 303, In Person
Term Based; Meets With: 001 FREN 5350001 PHIL 5760001 GER 5610; Bruno Chaouat ; 3 cr.**5993 Directed Studies**

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

52552 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)

60124 001 LEC, In Person Term Based; 1 cr.

8333 FTE: Master's

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

58947 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

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

58963 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)

58806 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)

58981 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])

58998 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)

59019 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)

60330 001 LEC, In Person Term Based; 3 cr.

8331 Dynamic Systems Modeling and**Simulation Tools**

(A-F only;)

60746 001 LEC, In Person Term Based; 2 cr.

8440 Security Practicum

(A-F only; Prereq: Admitted to MSST grad program)

60826 001 FWK, In Person Term Based; 0.5-2 cr.

8441 Internship (optional)

(A-F only;)

60414 001 LEC, In Person Term Based; 0.5 cr.

8512 Partnership in Conflict Management:**Security/Privacy Law, Social****Responsibility and Ethics**

(A-F only; Prereq: MSST grad student)

60331 001 LEC, In Person Term Based; 2 cr.

8513 Cyber Threat Intelligence

(A-F only;)

60748 001 LEC, 8:00-16:30 F, Bruininks Hall 512A, 8:00-16:30 Sa, Bruininks Hall 512A, 8:00-16:30 F, Bruininks Hall 512A, 8:00-16:30 Sa, Bruininks Hall 512A, In Person Term Based; Jonathan Wrolstad ; 2 cr.

8620 Capstone

(A-F only; Prereq: MSST grad program student)

60332 001 LEC, In Person Term Based; 0.5-2 cr.

8660 Independent Study

(A-F only;)

60624 001 IND, In Person Term Based; 1-4 cr.

8662 Securing Cyberspace - Advanced

(A-F only;)

60747 001 LEC, In Person Term Based; 3 cr.

Social Work (SW)**20 Community Engagement**

(No Grade Associated; Prereq: MSW student, academic faculty adviser consent)

51265 001 FWK, In Person Term Based; 0 cr.

1501 Introduction to Peace Studies

(A-F only; GP)

51855 001 LEC, 13:30-14:45 MW, Peters Hall 80, In Person
Term Based; Hilal Isler ; 3 cr.**2501W Introduction to Social Justice**

(A-F only; WI,DSJ)

51083 001 LEC, 17:10-20:30 T, Peters Hall 155, In Person
Term Based; Jennifer Witt ; 4 cr.51894 002 LEC, 12:50-14:45 W, Peters Hall 74, 12:50-14:45 MW, Peters Hall 5, 12:50-14:45 W, Peters Hall 74, 12:50-14:45 MW, Peters Hall 5, 12:50-14:45 W, Peters Hall 74, 12:50-14:45 MW, Peters Hall 5, In Person
Term Based; K.C. Harrison ; 4 cr.**3501 Theories and Practices of Social****Change Organizing**

(A-F only; Prereq: 2501W)

51058 001 DIS, 16:00-19:20 M, Peters Hall 155, In Person
Term Based; Nate Whittaker ; 4 cr.**3701 Introduction to Child Maltreatment:****Intervention and Prevention**

(Student Option;)

51054 001 LEC, 13:55-16:25 M, Peters Hall 145, In Person
Term Based; Jane Gilgun ; 3 cr.**3702 Introduction to Adult Intimate Partner****Violence: Intervention and Prevention**

(Student Option;)

50765 001 LEC, 8:45-10:00 TTh, Peters Hall 155, In Person
Term Based; Oliver Williams ; 3 cr.**3703 Gender Violence in Global****Perspective**

(Student Option;)

50679 001 LEC, 17:10-19:40 W, Peters Hall 80, In Person
Term Based; 3 cr.**4501 Senior Seminar in Social Justice**

(A-F only; Prereq: 2501, 3501)

51078 001 LEC, 13:30-16:30 Th, Magrath Library 4, In
Person Term Based; Katie Johnston-Goodstar ; 4 cr.**4693 Directed Studies**

(Student Option; Prereq: instr consent)

50587 001 IND, Independent/Directed Study; 1-10 cr.

50808 002 IND, Independent/Directed Study; 1-10 cr.

51181 003 IND, Independent/Directed Study; 1-10 cr.

4694 Directed Research

(Student Option; Prereq: instr consent)

50588 001 IND, Independent/Directed Study; 1-10 cr.

5904 Facilitation and Conflict Management:**Humanistic Approach**

(Student Option;)

51106 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)

51408 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, In Person
Term Based; Heidi Ombisa Skallet ; 2 cr.**5907 School Social Work**

(Student Option;)

51711 001 LEC, 13:55-16:55 F, Peters Hall 39, In Person
Term Based; Randy Snyder ; 1 cr.**5912 Grief and Loss in Social Work****Practice**

(Student Option;)

51494 001 LEC, 17:10-20:00 F, Peters Hall 5, In Person
Term Based; Stacy Remke ; 1 cr.**5991 Independent Study in Social Work**

(Student Option;)

50684 001 IND, Independent/Directed Study; 1-4 cr.

8010 Seminar: Field Practicum I

(S-N or Audit; Prereq: 8201)

50589 001 FWK, 17:30-19:15 T, Peters Hall 280, 17:30-19:15 T, Peters Hall 280, 17:30-19:15 T, Peters Hall 280, 17:30-19:15 T, Peters Hall 280, 17:30-19:15 T, Peters Hall 280, In Person
Term Based; Meets With: 001 SW 8030; Becky Montgomery ; 1-8 cr.51163 002 FWK, 17:30-19:15 T, Peters Hall 39, 17:30-19:15 T, Peters Hall 39, 17:30-19:15 T, Peters Hall 39, 17:30-19:15 T, Peters Hall 39, 17:30-19:15 T, Peters Hall 39, In Person
Term Based; Meets With: 002 SW 8030; Kristen Perron ; 1-8 cr.51164 003 FWK, 17:30-19:15 T, Peters Hall 74, 17:30-19:15 T, Peters Hall 74, 17:30-19:15 T, Peters Hall 74, 17:30-19:15 T, Peters Hall 74, 17:30-19:15 T, Peters Hall 74, In Person
Term Based; Meets With: 003 SW 8030; Milena Gebremeskel ; 1-8 cr.51165 004 FWK, 11:45-13:30 F, Peters Hall 280, 11:45-13:30 F, Peters Hall 280, 11:45-13:30 F, Peters Hall 280, 11:45-13:30 F, Peters Hall 280, In Person
Term Based; Meets With: 004 SW 8030; Heidi Presslein ; 1-8 cr.51166 005 FWK, 11:45-13:30 F, Peters Hall 5, 11:45-13:30 F, Peters Hall 5, 11:45-13:30 F, Peters Hall 5, 11:45-13:30 F, Peters Hall 5, 11:45-13:30 F, Peters Hall 5, In Person
Term Based; Meets With: 005 SW 8030; MJ Gilbert ; 1-8 cr.51167 006 FWK, 11:45-13:30 F, Peters Hall 39, 11:45-13:30 F, Peters Hall 39, 11:45-13:30 F, Peters Hall 39, 11:45-13:30 F, Peters Hall 39, 11:45-13:30 F, Peters Hall 39, In Person
Term Based; Meets With: 006 SW 8030; Becky Montgomery ; 1-8 cr.51503 007 FWK, 11:45-13:30 F, Peters Hall 155, 11:45-13:30 F, Peters Hall 155, 11:45-13:30 F, Peters Hall 155, 11:45-13:30 F, Peters Hall 155, In Person
Term Based; Meets With: 007 SW 8030; Milena Gebremeskel ; 1-8 cr.51504 008 FWK, 11:45-13:30 F, Peters Hall 80, 11:45-13:30 F, Peters Hall 80, 11:45-13:30 F, Peters Hall 80, 11:45-13:30 F, Peters Hall 80, In Person
Term Based; Meets With: 008 SW 8030; Kristen Perron ; 1-8 cr.51505 009 FWK, 15:30-17:15 Sa, Peters Hall 280, 15:30-17:15 Sa, Peters Hall 280, 15:30-17:15 Sa, Peters Hall 280, 15:30-17:15 Sa, Peters Hall 280, In Person
Term Based; Meets With: 009 SW 8030; Heidi Presslein ; 1-8 cr.51757 010 FWK, 15:30-17:15 Sa, Peters Hall 5, 15:30-17:15 Sa, Peters Hall 5, 15:30-17:15 Sa, Peters Hall 5, 15:30-17:15 Sa, Peters Hall 5, In Person
Term Based; Meets With: 010 SW 8030; Milena Gebremeskel ; 1-8 cr.51506 000 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51171 002 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; MJ Gilbert ; 1-6 cr.51172 003 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Becky Montgomery ; 1-6 cr.51173 004 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51174 005 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51175 006 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51176 007 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51177 008 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51178 009 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51179 010 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51180 011 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51181 012 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51182 013 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51183 014 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51184 015 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51185 016 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51186 017 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51187 018 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51188 019 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51189 020 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51190 021 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51191 022 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51192 023 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.51193 024 FWK, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, 11:45-13:30 Th, No Room Required, In Person
Term Based; Heidi Presslein ; 1-6 cr.

13:55-16:55 Th, Peters Hall 39, 13:55-16:55 Th, Peters Hall 39, In Person Term Based; Jessica Toft ; 1-3 cr.
 51427 004 LEC, 13:55-16:55 Th, Peters Hall 80, 13:55-16:55 Th, Peters Hall 80, 13:55-16:55 Th, Peters Hall 80, 13:55-16:55 Th, Peters Hall 80, 13:55-16:55 Th, Peters Hall 80, 13:55-16:55 Th, Peters Hall 80, In Person Term Based; Gary Whitford Holey ; 1-3 cr.
 51428 005 LEC, 13:55-16:55 Th, Peters Hall 145, 13:55-16:55 Th, Peters Hall 145, 13:55-16:55 Th, Peters Hall 145, 13:55-16:55 Th, Peters Hall 145, 13:55-16:55 Th, Peters Hall 145, In Person Term Based; Mimi Choy-Brown ; 1-3 cr.
 51429 006 LEC, 8:00-11:00 Sa, Peters Hall 5, 8:00-11:00 Sa, Peters Hall 5, 8:00-11:00 Sa, Peters Hall 5, 8:00-11:00 Sa, Peters Hall 5, In Person Term Based; Rob Edwards ; 1-3 cr.
 51450 007 LEC, 8:00-11:00 Sa, Peters Hall 145, 8:00-11:00 Sa, Peters Hall 145, 8:00-11:00 Sa, Peters Hall 145, 8:00-11:00 Sa, Peters Hall 145, 8:00-11:00 Sa, Peters Hall 145, In Person Term Based; Molly Calhoun ; 1-3 cr.

8843 Social Work Program Evaluation

(A-F only;)
 66974 001 LEC, 13:55-16:55 Th, Peters Hall 74, 13:55-16:55 Th, Peters Hall 74, 13:55-16:55 Th, Peters Hall 74, 13:55-16:55 Th, Peters Hall 74, 13:55-16:55 Th, Peters Hall 74, In Person Term Based; Joseph Merighi ; 1-2 cr.

8855 Social Policy Formulation and Analysis

(A-F only; Prereq: Soc wk PhD student or instr consent)
 66499 001 DIS, 12:50-15:50 T, Peters Hall 280, In Person Term Based; Jessica Toft ; 3 cr.

8872 Social Work Research Seminar II

(A-F only; Prereq: 8871 or instr consent)
 50665 001 LEC, 13:55-16:55 Th, Peters Hall 70, In Person Term Based; Helen Kivnick ; 3 cr.

8875 Research Practicum

(S-N or Audit; Prereq: Soc wk PhD student or instr consent)
 50796 001 IND, 13:00-15:00 Th, No Room Required, 13:00-15:00 Th, No Room Required, 13:00-15:00 Th, No Room Required, 13:00-15:00 Th, No Room Required, 13:00-15:00 Th, No Room Required, 13:00-15:00 Th, No Room Required, In Person Term Based; Wendy Haight ; 2 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
 50770 001 IND, In Person Term Based; 1-24 cr.

8901 Assessment and Treatment of Trauma

(Student Option; Prereq: Advanced Standing or students who have completed entire foundation curriculum including SW 8010 or instr consent)
 51253 001 LEC, 9:35-11:30 Th, Peters Hall 145, In Person Term Based; Angela Lewis-Dmello ; 2 cr.
 51710 002 LEC, 17:30-19:30 M, Peters Hall 39, In Person Term Based; Angela Lewis-Dmello ; 2 cr.

8902 Social Work Supervision, Consultation, and Leadership

(Student Option; Prereq: Advanced Standing or students who have completed the entire foundation curriculum including SW 8010 or instr consent)
 51170 001 LEC, 17:10-20:00 M, Peters Hall 145, In Person Term Based; Jill Stiber ; 2 cr.

Social, Adm, and Clinical Phar (SACP)**8333 FTE: Master's**

(No Grade Associated; Prereq: Master's student, adviser, DGS) consent)
 62985 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser, DGS) consent)
 62986 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)
 62987 001 IND, In Person Term Based; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Plan A)
 62988 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credits: Doctoral

(No Grade Associated;)
 62989 001 IND, In Person Term Based; 1-24 cr.

Social/Administrative Pharmacy (SAPH)**8054 Advanced Studies in Pharmaceutical Care Practice**

(A-F or Audit;)
 63029 001 IND, 00:00-00:00 , , In Person Term Based; 3 cr.

8100 Seminar

(A-F only; Prereq: Grad SAPH major or instr consent)
 62996 001 LEC, 15:35-17:00 Th, Weaver-Densford Hall W7-193, In Person Term Based; Meets With: 001 PHAR 6250; Jon Schommer ; 1 cr.
 63010 002 LEC, 00:00-00:00 , , In Person Term Based; 1 cr.

8200 Research Problems

(Student Option; Prereq: Grad SAPH major or instr consent)
 62976 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.
 62981 002 IND, 13:25-15:20 W, AHC ROOM TBA, In Person Term Based; Debra Skaar ; 1-8 cr.

8255 Pharmaceutical Marketing

(A-F or Audit; Prereq: Grad SACP major or instr consent)
 66905 001 LEC, 11:00-12:00 Th, AHC ROOM TBA, In Person Term Based; Jon Schommer ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
 63021 001 IND, In Person Term Based; 1 cr.

8420 Social and Behavioral Aspects of Pharmacy Practice

(A-F or Audit; Prereq: Grad SAPH major or instr consent)
 62966 001 LEC, 13:00-15:00 T, AHC ROOM TBA, In Person Term Based; Caroline Gaither, Raquel Rodriguez ; 3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
 63022 001 IND, In Person Term Based; 1 cr.

8500 Pharmacy and Its Environment

(A-F or Audit; Prereq: Grad SAPH major or instr consent)
 66910 001 LEC, 13:00-15:00 Th, AHC ROOM TBA, In Person Term Based; Jon Schommer ; 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)
 63023 001 IND, In Person Term Based; 1-6 cr.

8702 Hospital Pharmacy Survey

(Student Option; Prereq: Grad SAPH major or instr consent)
 63008 001 LEC, 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])
 63024 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)
 63025 001 IND, In Person Term Based; 1-24 cr.

Sociology (SOC)**1001 Introduction to Sociology**

(Student Option; Prereq: Soc Majors/Minors must register A-FDSJ,SOCs)
 52035 001 LEC, 9:45-11:00 MW, Anderson Hall 310, In Person Term Based; Elizabeth Heger Boyle ; 4 cr.

52036 002 DIS, 11:15-12:05 M, Blegen Hall 335, In Person Term Based; 4 cr.
 52037 004 DIS, 11:15-12:05 M, Blegen Hall 205, In Person Term Based; 4 cr.
 52038 011 LEC, 13:00-14:15 MW, Anderson Hall 210, In Person Term Based; Joyce Bell ; 4 cr.
 52039 014 DIS, 9:05- 9:55 W, Blegen Hall 260, In Person Term Based; 4 cr.
 52040 016 DIS, 10:10-11:00 W, Blegen Hall 260, In Person Term Based; 4 cr.
 52041 021 LEC, 17:30-20:00 T, Blegen Hall 5, In Person Term Based; Douglas Hartmann ; 4 cr.
 52042 022 DIS, 16:25-17:15 T, Blegen Hall 145, In Person Term Based; 4 cr.
 52043 023 DIS, 16:25-17:15 T, Blegen Hall 140, In Person Term Based; 4 cr.
 52044 024 DIS, 16:25-17:15 T, Blegen Hall 330, In Person Term Based; 4 cr.
 53169 003 DIS, 11:15-12:05 M, Blegen Hall 240, In Person Term Based; 4 cr.
 53170 006 DIS, 8:40- 9:30 W, Blegen Hall 430, In Person Term Based; 4 cr.
 54047 007 DIS, 11:15-12:05 W, Blegen Hall 205, In Person Term Based; 4 cr.
 54048 005 DIS, 8:40- 9:30 W, Blegen Hall 205, In Person Term Based; 4 cr.
 54049 012 DIS, 14:30-15:20 M, Blegen Hall 425, In Person Term Based; 4 cr.
 54050 013 DIS, 14:30-15:20 M, Blegen Hall 125, In Person Term Based; 4 cr.
 54051 015 DIS, 9:05- 9:55 W, Blegen Hall 115, In Person Term Based; 4 cr.
 54771 025 DIS, 20:15-21:05 T, Blegen Hall 430, In Person Term Based; 4 cr.
 54772 017 DIS, 10:10-11:00 W, Blegen Hall 435, In Person Term Based; 4 cr.
 54854 008 DIS, 11:15-12:05 W, Blegen Hall 260, In Person Term Based; 4 cr.
 55377 018 DIS, 14:30-15:20 W, Blegen Hall 225, In Person Term Based; 4 cr.
 55611 009 DIS, 11:15-12:05 W, Blegen Hall 435, In Person Term Based; 4 cr.
 55612 019 DIS, 14:30-15:20 W, Blegen Hall 125, In Person Term Based; 4 cr.

1011V Honors: Introduction to Sociology

(A-F only; DSJ,WI,SOCs)
 52048 001 LEC, 14:30-15:50 TTh, Blegen Hall 220, In Person Term Based; Douglas Hartmann ; 4 cr.

1101 Law, Crime, & Punishment

(A-F or Audit;)
 54751 001 LEC, 9:45-11:00 TTh, Carlson School of Mgmt L-110, In Person Term Based; Gabrielle Ferrales ; 3 cr.

3003 Social Problems

(A-F or Audit; Prereq: 1001 recommended; soc majors/minors must register A-F)
 66090 001 LEC, 11:15-12:30 TTh, Blegen Hall 150, In Person Term Based; Enid Logan ; 3 cr.

3101 Sociological Perspectives on the Criminal Justice System

(A-F or Audit; Prereq: [SOC 1001] recommended, Sociology majors/minors must register A-FCIV)
 53171 001 LEC, 13:00-14:15 TTh, Anderson Hall 250, In Person Term Based; Meets With: 001 SOC 3101H; Joshua Page ; 3 cr.

3101H Honors: Sociological Perspectives on the Criminal Justice System

(A-F only; Prereq: [SOC 1001] recommended, Sociology majors/minors must register A-F, honorsCIV)
 54853 001 LEC, 13:00-14:15 TTh, Anderson Hall 250, In Person Term Based; Meets With: 001 SOC 3101; Joshua Page ; 3 cr.

3102 Criminal Behavior and Social Control

(Student Option; Prereq: Soc majors/minors must register A-F)
 53172 001 LEC, 17:30-20:00 M, Blegen Hall 255, In Person Term Based; Michael Walker ; 3 cr.

3211W American Race Relations

(A-F or Audit; DSJ,WI)
 55193 001 LEC, 17:30-20:00 W, Blegen Hall 120, In Person Term Based; Meets With: 001 AAS 3211W; Joyce Bell ; 3 cr.

3215 Supercapitalism: Labor, Consumption & the Environment in the New Global Economy

(A-F only;)

66255 001 LEC, 11:15-12:30 TTh, Blegen Hall 125, In Person Term Based; Meets With: 001 GLOS 3215; Rachel Schurman ; 3 cr.

3251W Sociological Perspectives on Race, Class, and Gender

(A-F or Audit; Prereq: Soc majors/minors must register A-FDSJ,WI,SOCs)

54214 001 LEC, 14:30-15:45 TTh, Blegen Hall 130, In Person Term Based; Meets With: 001 AAS 3251W; Enid Logan ; 3 cr.

3412 Social Networking: Theories and Methods

(A-F only; Prereq: [SOC 1001] recommended, Sociology majors/minors must register A-FTS)

55608 001 LEC, 11:15-12:30 MW, Blegen Hall 317, In Person Term Based; Amber Hamilton ; 3 cr.

3421W Sociology of Work: Good Jobs, Bad Jobs, No Jobs?

(A-F or Audit; Prereq: 1001 recommended, Soc majors/minors must register A-FWI)

66092 001 LEC, 11:15-12:30 TTh, Blegen Hall 130, In Person Term Based; Yanjie Bian ; 3 cr.

3451W Cities & Social Change

(A-F or Audit; Prereq: 1001 recommended, Soc majors/minors must register A-FWI)

68651 001 LEC, 17:30-20:00 W, Carlson School of Mgmt 2-228, In Person Term Based; Jacqueline Frost ; 3 cr.

3505 Migrations: People in Motion

(A-F or Audit; Prereq: Soph, jr, or srGP)

68576 001 LEC, 14:30-15:45 MW, Blegen Hall 130, In Person Term Based; Meets With: 001 GLOS 3705; Anduin Wilhite ; 3 cr.

3507 Immigration to the United States:

Beyond Walls

(A-F or Audit; DSJ)

66871 001 LEC, 13:00-14:15 TTh, Hanson Hall 1-103, In Person Term Based; Jack DeWaard ; 3 cr.

3511 World Population Problems

(A-F or Audit; Prereq: [SOC 1001] recommended, Sociology majors/minors must register A-FGP)

55501 001 LEC, 9:45-11:00 TTh, Hanson Hall 1-111, In Person Term Based; Meets With: 001 SOC 3511H; Jack DeWaard ; 3 cr.

3511H Honors: World Population Problems

(A-F only; Prereq: [SOC 1001] recommended, Sociology majors/minors must register A-FGP)

66110 001 LEC, 9:45-11:00 TTh, Hanson Hall 1-111, In Person Term Based; Meets With: 001 SOC 3511H; Jack DeWaard ; 3 cr.

3613V Honors: Stuffed and Starved: The

Politics of Eating

(A-F only; GP,WI,SOCs)

66257 001 LEC, 14:30-15:45 TTh, Blegen Hall 235, In Person Term Based; Meets With: 001 SOC 3613W001 GLOS 3613W; Rachel Schurman ; 3 cr.

3613W Stuffed and Starved: The Politics of Eating

(A-F or Audit; Prereq: Soc majors/minors must register A-FGP,WI,SOCs)

66256 001 LEC, 14:30-15:45 TTh, Blegen Hall 235, In Person Term Based; Meets With: 001 SOC 3613V001 GLOS 3613W; Rachel Schurman ; 3 cr.

3701 Social Theory

(A-F or Audit; Prereq: 1001 recommended; soc majors/minors must register A-F)

52058 001 LEC, 9:05-10:45 MW, Blegen Hall 317, In Person Term Based; Jeffrey Broadbent ; 4 cr.
55191 002 LEC, 10:10-11:50 MW, Blegen Hall 250, In Person Term Based; Kathleen Hull ; 4 cr.
66258 301 LEC, Completely Online; Sarah Catherine Billups ; 4 cr.

3801 Sociological Research Methods

(A-F or Audit; Prereq: 1001 recommended; soc majors must register A-F)

52052 001 LEC, 9:45-11:00 TTh, Blegen Hall 10, In Person Term Based; Evan Roberts ; 4 cr.
52053 002 LAB, 9:45-11:00 W, Carlson School of Mgmt 1-136, In Person Term Based; 4 cr.
52054 003 LAB, 11:15-12:30 W, Hubert H. Humphrey School 60, In Person Term Based; 4 cr.

52055 004 LAB, 13:00-14:15 W, Carlson School of Mgmt 2-219, In Person Term Based; 4 cr.

52056 005 LAB, 11:15-12:30 Th, Blegen Hall 135, 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)

52017 001 LEC, 9:45-11:00 TTh, Anderson Hall 250, In Person Term Based; Elizabeth Wrigley-Field ; 4 cr.
52018 002 LAB, 8:00- 9:40 W, Blegen Hall 440, In Person Term Based; 4 cr.
52019 003 LAB, 10:10-11:50 W, Blegen Hall 440, In Person Term Based; 4 cr.
52020 004 LAB, 12:20-14:00 W, Blegen Hall 440, In Person Term Based; 4 cr.
53259 008 LEC, 17:30-20:00 T, Blegen Hall 235, In Person Term Based; Yanjie Bian ; 4 cr.
53260 009 LAB, 16:00-17:40 Th, Blegen Hall 440, In Person Term Based; 4 cr.
54052 005 LAB, 8:00- 9:40 Th, Blegen Hall 440, In Person Term Based; 4 cr.
54053 010 LAB, 18:00-19:40 Th, Blegen Hall 440, In Person Term Based; 4 cr.
68737 006 LAB, 14:30-16:10 W, Blegen Hall 440, In Person Term Based; 4 cr.

4101V Honors: Sociology of Law

(A-F only; Prereq: [[SOC 1001] and [SOC 1101 or 3101 or 3102]] recommended, Sociology majors/minors must register A-FWI)

54639 001 LEC, 13:00-14:15 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: [[SOC 1001] and [SOC 1101 or 3101 or 3102]] recommended, Sociology majors/minors must register A-FWI)

52651 001 LEC, 13:00-14:15 TTh, Blegen Hall 120, In Person Term Based; Meets With: 001 SOC 4101V; Gabrielle Ferrales ; 3 cr.

4104 Crime and Human Rights

(A-F or Audit; Prereq: SOC 1001, at least one 3xxx SOC or GLOS course recommended, Sociology and Global Studies majors/minors must register A-F)

66434 001 LEC, 17:30-20:00 W, Blegen Hall 130, In Person Term Based; Suzy McElrath ; 3 cr.

4108 Current Issues in Crime Control

(Student Option; Prereq: Soc majors/minors must register A-F)

66628 001 LEC, 11:15-12:30 TTh, Blegen Hall 255, In Person Term Based; Michelle Phelps ; 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)

55198 001 LEC, 14:30-17:00 W, Hanson Hall 1-107, In Person Term Based; Joel Samaha ; 3 cr.

4170 Sociology of International Law: Human Rights, Trafficking, and Business Regulation

(A-F or Audit; Prereqs: 1001 or 3101 or 3102 or instr consent; soc majors/minors must register A-FGP)

66095 001 LEC, 13:00-14:15 MW, Blegen Hall 130, In Person Term Based; Meets With: 001 SOC 5170001 GLOS 4406001 GLOS 5170; Elizabeth Heger Boyle ; 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)

66505 001 LEC, 14:30-15:45 TTh, Blegen Hall 255, In Person Term Based; Michael Walker ; 3 cr.

4305 Environment & Society: An Enduring Conflict

(A-F or Audit; Prereq: 1001 recommended or a course on the environment, soc majors/minors must register A-FENV)

55199 001 LEC, 13:00-14:15 MW, Blegen Hall 255, In Person Term Based; Meets With: 001 GLOS 4305; Jeffrey Broadbent ; 3 cr.

4521 Love, Sex, & Marriage

(A-F or Audit; Prereq: [1001 or instr consent], soc majors/minors must register A-F)

66096 001 LEC, 13:00-14:15 MW, Blegen Hall 235, In Person Term Based; Meets With: 001 SOC 4521H; Kathleen Hull ; 3 cr.

4521H Honors: Love, Sex, & Marriage

(A-F only; Prereq: Honors)

66111 001 LEC, 13:00-14:15 MW, Blegen Hall 235, In Person Term Based; Meets With: 001 SOC 4521; Kathleen Hull ; 3 cr.

4881 Population Studies Research Practicum

(A-F or Audit;)

66444 001 LEC, 13:00-14:15 MW, Blegen Hall 430, In Person Term Based; John Warren ; 3 cr.

4966W Capstone Experience: Seminar

(A-F only; Prereq: 1001, 3701, 3801, 3811, 12 cr upper div sociology, dept consentWI)

52266 001 LEC, 9:45-11:00 TTh, Blegen Hall 120, In Person Term Based; Carolyn Liebler ; 3 cr.

54863 002 LEC, 14:30-15:45 TTh, Blegen Hall 120, In Person Term Based; Jaylan Mortimer ; 3 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)

52269 001 LEC, 14:30-17:00 W, Social Sciences Building 1183, In Person Term Based; Joseph Gerteis ; 3 cr.

5170 Sociology of International Law: Human Rights, Trafficking, and Business Regulation

(A-F or Audit; GP)

66265 001 LEC, 13:00-14:15 MW, Blegen Hall 130, In Person Term Based; Meets With: 001 SOC 4170001 GLOS 4406001 GLOS 5170; Elizabeth Heger Boyle ; 3 cr.

8001 Sociology as a Profession

(S-N or Audit;)

52951 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)

54444 001 LEC, 14:30-17:00 T, Social Sciences Building 1114, In Person Term Based; Carolyn Liebler ; 3 cr.

8090 Topics in Sociology

(Student Option; Prereq: instr consent)

66098 001 LEC, 10:00-11:30 F, Social Sciences Building 1114, In Person Term Based; Christopher Uggen ; 1.5-3 cr.

8190 Topics in Law, Crime, and Deviance

(A-F or Audit;)

66100 001 LEC, 11:45-14:15 F, Social Sciences Building 1114, In Person Term Based; Joshua Page ; 3 cr.

8444 FTE: Doctoral

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

52827 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8501 Sociology of the Family

(Student Option;)

66101 001 LEC, 11:45-14:15 W, Social Sciences Building 1114, In Person Term Based; Ann Meier ; 3 cr.

8790 Advanced Topics in Sociological

Theory

(Student Option;)

66102 001 LEC, 14:30-17:00 W, Social Sciences Building 1114, In Person Term Based; Michael Goldman ; 3 cr.

8801 Sociological Research Methods

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

53353 001 LEC, 14:30-15:45 TTh, Social Sciences Building 1183, In Person Term Based; Yanjie Bian ; 4 cr.

8811 Advanced Social Statistics

(A-F or Audit; Prereq: recommend 5811 or equiv; graduate student or instr consent)

52399 001 LEC, 11:15-12:30 TTh, Social Sciences Building 1114, In Person Term Based; David Knoke ; 4 cr.

52400 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)

53418 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)

66103 001 LEC, 16:00-18:30 Th, Social Sciences Building 1183, In Person Term Based; Elizabeth Wrigley-Field ; 2-3 cr.

Software Engineering (SENG)**5115 Graphical User Interface Design, Evaluation, and Implementation**

(A-F or Audit; Prereq: Grad SEng major)

59195 001 LEC, 8:00-9:50 Sa, Keller Hall 3-111, In Person Term Based; John Kruse ; 2 cr.

5130 Introduction to Internet of Things: Systems-Level Design and Experimentation

(A-F or Audit;)

67327 001 LEC, 10:00-13:45 Sa, Keller Hall 3-111, In Person Term Based; John Pritchard ; 3 cr.

5199 Topics in Software Engineering

(A-F or Audit; Prereq: SEng grad student)

65981 001 LEC, 12:45-16:45 FSa, Keller Hall 2-260, In Person Term Based; 2-3 cr.

5709 Big Data Engineering and Analytics

(A-F or Audit;)

67328 001 LEC, 8:00-12:30 FSa, Keller Hall 2-260, In Person Term Based; Donald Sawyer ; 3 cr.

5802 Software Engineering II: Software Design

(A-F or Audit; Prereq: Grad SEng major)

58907 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)

58908 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)

59716 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)

59061 001 LEC, 14:00-16:45 F, Keller Hall 3-111, In Person Term Based; Dick Hedger, Stephen Kan ; 3 cr.

5900 Directed Study

(Student Option;)

59236 001 LEC, 00:00-00:00 , , In Person Term Based; Kevin Wendt ; 1-3 cr.

8333 FTE: Master's

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

58948 001 IND, 00:00-00:00 , , In Person Term Based; Kevin Wendt ; 1 cr.

8494 Capstone Project (Plan B Project)

(S-N or Audit; Prereq: SEng major)

58909 001 IND, 00:00-00:00 , , In Person Term Based; Kevin Wendt ; 3 cr.

8891 Independent Project

(Student Option;)

60080 001 IND, 00:00-00:00 , , Independent/Directed Study; Kevin Wendt ; 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)

56183 001 LEC, 9:35-10:25 MWF, Borlaug Hall 335, In Person Term Based; Nicolas Jelinski ; 4 cr.

56462 004 DIS, 10:40-11:30 Th, Borlaug Hall 243A, In Person Term Based; Nicolas Jelinski ; 4 cr.

56670 002 LAB, 00:00-00:00 , , In Person Term Based; Nicolas Jelinski ; 4 cr.

56671 003 DIS, 9:35-10:25 Th, Borlaug Hall 243A, In Person Term Based; Nicolas Jelinski ; 4 cr.

56672 005 DIS, 11:45-12:35 Th, Borlaug Hall 243A, In Person Term Based; Nicolas Jelinski ; 4 cr.

56673 006 DIS, 15:00-15:50 Th, Borlaug Hall 243A, In Person Term Based; Nicolas Jelinski ; 4 cr.

68270 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)

56625 001 DIS, 11:45-13:40 MW, Ruttan Hall B45, In Person Term Based; Carl Rosen, Yuxin Miao ; 3 cr.

3521 Soil Judging

(A-F or Audit; Prereq: An introductory soils course and field studies course.)

68165 001 FWK, In Person Term Based; Nicolas Jelinski ; 1 cr.

4093 Directed Study

(Student Option; Prereq: instr consent)

56303 001 LEC, 00:00-00:00 , , In Person Term Based; Carl Rosen ; 1-7 cr.

4094 Directed Research

(Student Option; Prereq: instr consent)

56304 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)

56766 001 LAB, 15:00-15:50 Th, Skok Hall 35, In Person Term Based; Ce Yang ; 3 cr.

56767 002 LEC, 15:00-16:55 T, Borlaug Hall 375, In Person Term Based; Ce Yang ; 3 cr.

5125 Soil Science for Teachers and Professionals

(Student Option;)

68141 001 LEC, In Person Term Based; Nicolas Jelinski ; 4 cr.

68142 002 LAB, In Person Term Based; Nicolas Jelinski ; 4 cr.

68144 003 DIS, In Person Term Based; Nicolas Jelinski ; 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)

56507 001 LEC, In Person Term Based; Meets With: 001 PMB 8123001 APSC 8123001 PLPA 8123; Ed Nater, Jessica Gutknecht ; 0.5 cr.

Somali (SMLI)**1222 Beginning Somali II**

(A-F only; Prereq: 1221)

54170 001 LEC, 17:30-20:00 MW, Blegen Hall 330, In Person Term Based; Said Ahmed ; 5 cr.

1226 Accelerated Beginning Somali II

(A-F only; Prereq: 1225 or instr consent)

54089 001 LEC, 17:30-20:00 TTh, Blegen Hall 330, In Person Term Based; Said Ahmed ; 5 cr.

3228 Intermediate Somali II

(Student Option;)

55780 001 LEC, 14:00-16:30 MW, Blegen Hall 330, 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)

54182 001 LEC, 18:30-20:30 T, Folwell Hall 107, Partially Online; Maria Emilce Lopez ; 0 cr.

54182 001 LEC, 18:30-20:30 T, Folwell Hall 107, Partially Online; Maria Emilce Lopez ; 0 cr.

221 Reading Spanish

(S-N or Audit;)

54557 001 LEC, 17:15-19:20 T, Folwell Hall 118, 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.)

54183 001 LEC, 18:30-20:30 T, Folwell Hall 107, Partially Online; Maria Emilce Lopez ; 0 cr.

54183 001 LEC, 18:30-20:30 T, Folwell Hall 107, Partially Online; Maria Emilce Lopez ; 0 cr.

1002 Beginning Spanish

(Student Option; Prereq: 1001 completed at UMNTC, dept consent)

53190 001 LEC, 10:10-11:00 MTWThF, Folwell Hall 123, In Person Term Based; Meets With: 001 SPAN 4002; Cecily Brown ; 5 cr.

53191 002 LEC, 11:15-12:05 MTWThF, Folwell Hall 32, In Person Term Based; Meets With: 002 SPAN 4002; Cecily Brown ; 5 cr.

55150 004 LEC, 18:00-19:55 MW, Folwell Hall 16, In Person Term Based; Meets With: 004 SPAN 4002; Stephanie Anderson ; 5 cr.

68146 005 LEC, 13:25-14:15 MTWThF, Peik Hall 165, In Person Term Based; Cecily Brown ; 5 cr.

1003 Intermediate Spanish

(Student Option; Prereq: [1002 or 1022] or EPT placement)

52460 002 LEC, 8:00-8:50 MTWTh, Folwell Hall 30, In Person Term Based; Camille Braun ; 5 cr.

52462 004 LEC, 9:05-9:55 MTWTh, Folwell Hall 12, In Person Term Based; Mary Pogatschnik ; 5 cr.

52463 005 LEC, 9:05-9:55 MTWTh, Folwell Hall 8, In Person Term Based; Olga Salazar Pozos ; 5 cr.

52464 006 LEC, 10:10-11:00 MTWTh, Folwell Hall 12, In Person Term Based; Mary Pogatschnik ; 5 cr.

52465 007 LEC, 10:10-11:00 MTWTh, Folwell Hall 116, In Person Term Based; Sara Finney ; 5 cr.

52466 008 LEC, 11:15-12:05 MTWTh, Folwell Hall 18, In Person Term Based; Meets With: 008 SPAN 4003; Sara Finney ; 5 cr.

52467 009 LEC, 11:15-12:05 MTWTh, Folwell Hall 12, In Person Term Based; Marisol Galicia Estevez ; 5 cr.

52468 010 LEC, 12:20-13:10 MTWTh, Folwell Hall 6, In Person Term Based; Marisol Galicia Estevez ; 5 cr.

52470 012 LEC, 13:25-14:15 MTWTh, Folwell Hall 12, In Person Term Based; Marisol Galicia Estevez ; 5 cr.

52471 013 LEC, 14:30-15:20 MTWTh, Folwell Hall 30, In Person Term Based; 5 cr.

52472 014 LEC, 14:30-15:20 MTWTh, Folwell Hall 3, In Person Term Based; Andrew Wiesinger ; 5 cr.

52473 015 LEC, 15:35-16:25 MTWTh, Folwell Hall 103, In Person Term Based; Andrew Wiesinger ; 5 cr.

53257 001 LEC, 8:00-8:50 MTWTh, Folwell Hall 5, In Person Term Based; Meets With: 001 SPAN 4003; Mary Pogatschnik ; 5 cr.

54808 301 LEC, 00:00-00:00 , ONLINE, Completely Online; 5 cr.

55041 016 LEC, 16:40-17:30 MTWTh, Folwell Hall 103, In Person Term Based; Andrew Wiesinger ; 5 cr.

55306 017 LEC, 18:00-19:55 MW, Folwell Hall 32, In Person Term Based; Meets With: 017 SPAN 4003; 5 cr.

1004 Intermediate Spanish

(Student Option; Prereq: 1003 or EPT placement)

52474 001 LEC, 8:00-8:50 MTWTh, Folwell Hall 4, In Person Term Based; Meets With: 001 SPAN 4004; Alejandra Takahira ; 5 cr.

52475 002 LEC, 8:00-8:50 MTWTh, Folwell Hall 120, In Person Term Based; Edward Eiffler ; 5 cr.

52476 004 LEC, 9:05-9:55 MTWTh, Folwell Hall 28, In Person Term Based; Joy Collman ; 5 cr.

52477 005 LEC, 9:05-9:55 MTWTh, Folwell Hall 6, In Person Term Based; Edward Eiffler ; 5 cr.

52478 006 LEC, 9:05-9:55 MTWTh, Folwell Hall 5, In Person Term Based; Sara Mack ; 5 cr.

52479 007 LEC, 10:10-11:00 MTWTh, Folwell Hall 28, In Person Term Based; Joy Collman ; 5 cr.

52480 008 LEC, 10:10-11:00 MTWTh, Folwell Hall 6, In Person Term Based; Vanessa Santana ; 5 cr.

52481 009 LEC, 10:10-11:00 MTWTh, Folwell Hall 5, In Person Term Based; Adriana Sanchez-Vargas ; 5 cr.

52482 010 LEC, 11:15-12:05 MTWTh, Folwell Hall 28, In Person Term Based; Meets With: 010 SPAN 4004; Vanessa Santana ; 5 cr.

52483 011 LEC, 11:15-12:05 MTWTh, Peik Hall 155, In Person Term Based; Edward Eiffler ; 5 cr.

52484 012 LEC, 12:20-13:10 MTWTh, Folwell Hall 5, In Person Term Based; 5 cr.

52485 013 LEC, 12:20-13:10 MTWTh, Folwell Hall 4, In Person Term Based; Vanessa Santana ; 5 cr.

52487 015 LEC, 13:25-14:15 MTWTh, Folwell Hall 5, In Person Term Based; Marilena Mattos ; 5 cr.

52488 016 LEC, 14:30-15:20 MTWTh, Folwell Hall 121, In Person Term Based; Kristin Beamish-Brown ; 5 cr.

52489 017 LEC, 14:30-15:20 MTWTh, Folwell Hall 120, In Person Term Based; Marilena Mattos ; 5 cr.

52490 018 LEC, 15:35-16:25 MTWTh, Folwell Hall 18, In Person Term Based; Kristin Beamish-Brown ; 5 cr.
 53184 019 LEC, 15:35-16:25 MTWTh, Folwell Hall 104, In Person Term Based; Lauren Truman ; 5 cr.
 54809 301 LEC, 00:00-00:00 , ONLINE, Completely Online; 5 cr.
 55767 020 LEC, 18:00-19:55 TTh, Folwell Hall 6, In Person Term Based; Meets With: 020 SPAN 4004; Eva Palma Zuniga ; 5 cr.

1022 Alternate Second-Semester Spanish (Student Option; Prereq: Placement above 1001)

52603 002 LEC, 8:00- 8:50 MTWThF, Folwell Hall 105, In Person Term Based; Ashlynn Kriegerl ; 5 cr.
 52604 003 LEC, 9:05- 9:55 MTWThF, Folwell Hall 106, In Person Term Based; Adriana Sanchez-Vargas ; 5 cr.
 52605 004 LEC, 9:05- 9:55 MTWThF, Folwell Hall 105, In Person Term Based; F. Matos-Schultz ; 5 cr.
 52606 006 LEC, 10:10-11:00 MTWThF, Folwell Hall 106, In Person Term Based; Craig Conrad ; 5 cr.
 52883 005 LEC, 10:10-11:00 MTWThF, Folwell Hall 120, In Person Term Based; F. Matos-Schultz ; 5 cr.
 52884 007 LEC, 11:15-12:05 MTWThF, Folwell Hall 123, In Person Term Based; Meets With: 007 SPAN 4022; Craig Conrad ; 5 cr.
 52981 008 LEC, 11:15-12:05 MTWThF, Folwell Hall 3, In Person Term Based; Adriana Sanchez-Vargas ; 5 cr.
 52982 009 LEC, 12:20-13:10 MTWThF, Folwell Hall 121, In Person Term Based; Craig Conrad ; 5 cr.
 52986 011 LEC, 13:25-14:15 MTWThF, Nicholson Hall 120, In Person Term Based; Rachel Christensen ; 5 cr.
 52988 012 LEC, 13:25-14:15 MTWThF, Folwell Hall 4, In Person Term Based; Sabrina Fluegel ; 5 cr.
 53039 013 LEC, 14:30-15:20 MTWThF, Folwell Hall 104, In Person Term Based; Michael Arnold ; 5 cr.
 53040 014 LEC, 15:35-16:25 MTWThF, Folwell Hall 16, In Person Term Based; Michael Arnold ; 5 cr.
 53041 015 LEC, 17:45-18:35 MTWThF, Folwell Hall 121, In Person Term Based; Meets With: 015 SPAN 4022; Alex Korte ; 5 cr.

1044 Intermediate Medical Spanish

(Student Option; Prereq: 1003 or equiv)
 53528 001 LEC, 10:10-12:05 TTh, Folwell Hall 112, In Person Term Based; Maria Emilce Lopez ; 5 cr.

3011W Spanish Grammar and Composition Workshop

(Student Option; Prereq: [1004 or 1014 or 1044], LPE passWI)
 52597 001 LEC, 10:10-12:05 MW, Kolthoff Hall 138, In Person Term Based; Begona Orive-Abad ; 4 cr.

3015V Honors: Spanish Composition and Communication (A-F or Audit; Prereq: SPAN LPE pass, Honors studentWI)

56145 001 LEC, 12:20-14:15 TTh, Folwell Hall 116, In Person Term Based; Begona Orive-Abad ; 4 cr.

3015W Spanish Composition and Communication

(Student Option; Prereq: SPAN LPE passWI)
 52592 001 LEC, 8:00- 9:55 MW, Nicholson Hall 120, In Person Term Based; Emma Jasnoch ; 4 cr.
 52593 003 LEC, 10:10-12:05 MW, Nicholson Hall 35, In Person Term Based; Anne Hoffman-Gonzalez ; 4 cr.
 52594 004 LEC, 12:20-14:15 MW, Kolthoff Hall 138, In Person Term Based; Stephanie Anderson ; 4 cr.
 52595 006 LEC, 8:00- 9:55 TTh, Folwell Hall 116, In Person Term Based; Collin Diver ; 4 cr.
 52596 007 LEC, 10:10-12:05 TTh, Nicholson Hall 120, In Person Term Based; Begona Orive-Abad ; 4 cr.
 52761 008 LEC, 12:20-14:15 TTh, Peik Hall 155, In Person Term Based; Alicia Ocampo ; 4 cr.
 52762 009 LEC, 14:30-16:25 TTh, Folwell Hall 5, In Person Term Based; Vivian Hirlandy Franco Diaz ; 4 cr.
 53183 002 LEC, 10:10-12:05 MW, Nicholson Hall 120, In Person Term Based; Kathleen Ganley ; 4 cr.
 53364 005 LEC, 14:30-16:25 MW, Folwell Hall 28, In Person Term Based; Stephanie Anderson ; 4 cr.

3019W Composition and Communication for Spanish Speakers of the U.S

(Student Option; Prereq: Instructor consent (recommended SPAN 1004 Pass or SPAN LPE PassWI)
 67238 001 LEC, 10:10-12:05 MW, Nicholson Hall 345, In Person Term Based; Cristina Castro ; 4 cr.

3022 Advanced Business Spanish (Student Option; Prereq: 3015)

52885 001 LEC, 12:20-14:15 MW, Vincent Hall 364, In Person Term Based; Michael Arnold ; 4 cr.

3044 Advanced Medical Spanish

(Student Option; Prereq: [(1004 or 1014 or 1044 or equiv), Span LPE] or instr consent)
 53321 001 LEC, 12:20-14:15 TTh, Folwell Hall 112, 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 major[LTR,WI])
 52236 001 LEC, 8:15- 9:30 MW, Kolthoff Hall 132, In Person Term Based; Thomas Mc Callum ; 3 cr.
 52237 002 LEC, 11:15-12:30 MW, Kolthoff Hall 137, In Person Term Based; Thomas Mc Callum ; 3 cr.
 52765 004 LEC, 9:45-11:00 TTh, Bruininks Hall 144, In Person Term Based; Jose Aguirre ; 3 cr.
 53182 005 LEC, 13:00-14:15 TTh, Folwell Hall 119, In Person Term Based; Magaly Ortiz ; 3 cr.
 53681 003 LEC, 14:30-15:45 MW, Folwell Hall 5, In Person Term Based; Thomas Mc Callum ; 3 cr.

3105V Honors: Introduction to the Study of Hispanic Cultures (A-F only; WI)

67082 001 LEC, 13:00-14:15 MW, Nicholson Hall 355, In Person Term Based; Erma Nezirevic ; 3 cr.

3105W Introduction to the Study of Hispanic Cultures

(Student Option; Prereq: 3015, Spanish [major or minor] or Span-PortWI)
 52344 002 LEC, 11:15-12:30 MW, Kolthoff Hall 134, In Person Term Based; Erma Nezirevic ; 3 cr.
 52346 004 LEC, 18:00-19:15 MW, Folwell Hall 30, In Person Term Based; Catalina Ahumada Escobar ; 3 cr.
 52347 001 LEC, 8:15- 9:30 MW, Kolthoff Hall 134, In Person Term Based; Carolina Anon Suarez, Erma Nezirevic ; 3 cr.
 53724 005 LEC, 9:45-11:00 TTh, Kolthoff Hall 139, In Person Term Based; Erma Nezirevic ; 3 cr.
 54774 006 LEC, 13:00-14:15 TTh, Kolthoff Hall 134, In Person Term Based; Kristin Beamish-Brown ; 3 cr.
 54775 007 LEC, 14:30-15:45 TTh, Folwell Hall 116, In Person Term Based; Natalia Defiel ; 3 cr.

3107W Introduction to the Study of Hispanic Linguistics

(Student Option; Prereq: 3015, Spanish [major or minor] or Span-Port majorWI)
 52238 001 LEC, 8:15- 9:30 MW, Folwell Hall 116, In Person Term Based; Anne Hoffman-Gonzalez ; 3 cr.
 52239 002 LEC, 14:30-15:45 MW, Folwell Hall 4, In Person Term Based; Russell Simonsen ; 3 cr.
 52240 003 LEC, 9:45-11:00 TTh, Kolthoff Hall 140, In Person Term Based; Alicia Ocampo ; 3 cr.
 52763 004 LEC, 13:00-14:15 TTh, Peik Hall 375, In Person Term Based; Anne Hoffman-Gonzalez ; 3 cr.

3222 Interpreting Modern and Contemporary Latin America

(Student Option; Prereq: SPAN 3104W or SPAN 3104V or TLDO 3104W or ARGN 3104W or SPAN 3105W or TLDO 3105W or SPAN 3105V or VENZ 3512 or instr consent)
 66858 001 LEC, 13:00-14:15 TTh, Nicholson Hall 275, In Person Term Based; Raul Marrero-Fente ; 3 cr.

3301 Advanced Oral Proficiency Workshop

(A-F only; Prereqs: Span 3104W, or 3105W, or 3107W AND Span 3211, or 3212, or 3221, or 3222, or 3502, or 3503, or 3510, or 3512, or 3701, or 3702, or 3703, or 3704, or 3706, or 3707, or 3730, or 3800, or 3910, or 3920, and oral interview required.)
 67673 001 LEC, 14:30-15:45 TTh, Folwell Hall 32, In Person Term Based; Alicia Ocampo ; 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)
 54164 001 LEC, 12:20-14:50 M, Folwell Hall 116, In Person Term Based; Kathleen Ganley ; 3 cr.
 54165 002 LEC, 13:25-15:55 T, Carlson School of Mgmt 1-149, In Person Term Based; Kathleen Ganley ; 3 cr.

3403 Latino Immigration on US/Mexican Border

(Student Option; CIV)
 67430 001 DIS, 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])
 53529 001 LEC, 12:20-14:50 W, Folwell Hall 116, Partially Online; Maria Emilce Lopez ; 3 cr.

3510 Issues in Hispanic Cultures

(A-F or Audit; Prereq: Span 3104W or Span 3105W or Tldo 3104 or Tldo 3105 or Venz 3104 or Venz 3512 or Argn 3104W or Span 3104v or Span 3105v)
 68278 001 LEC, 11:15-12:30 MW, Folwell Hall 112, In Person Term Based; Ofelia Ferran ; 3 cr.

3512 Modern Latin America

(Student Option; Prereq: SPAN 3104W or SPAN 3104V or TLDO 3104W or ARGN 3104W or SPAN 3105W or TLDO 3105W or SPAN 3105V or VENZ 3512 or instr consent)
 53494 001 LEC, 11:15-12:30 TTh, Folwell Hall 8, In Person Term Based; Luis Ramos-Garcia ; 3 cr.
 66856 002 LEC, 11:15-12:30 TTh, Nicholson Hall 110, In Person Term Based; Guillermo Fajardo Sotelo ; 3 cr.

3606 Human Rights Issues in the Americas (Student Option;)

55411 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])
 54067 001 LEC, 14:30-15:45 TTh, Folwell Hall 8, In Person Term Based; Francisco Ocampo ; 3 cr.

3708 Spanish in the United States

(Student Option; Prereq: 3107W or TLDO 3107 or VENZ 3107 or instr consent.)
 67119 001 LEC, 13:00-14:15 MW, Folwell Hall 112, In Person Term Based; Carol Klee ; 3 cr.

3730 Topics in Hispanic Linguistics

(A-F only; Prereq: SPAN 3107W or TLDO 3107W or VENZ 3107 or instr consent)
 68237 001 LEC, 9:45-11:00 TTh, Peik Gymnasium G55, In Person Term Based; Francisco Ocampo ; 3 cr.

3800 Film Studies in Spanish

(A-F only; Prereq: Span 3104W or Span 3105W or Tldo 3104 or Tldo 3105 or Venz 3104 or Venz 3512 or Argn 3104W or Span 3104v or Span 3105v)
 68279 001 LEC, 10:10-13:00 F, Folwell Hall 6, In Person Term Based; Ofelia Ferran ; 3 cr.

3920 Topics in Spanish-American Literature

(A-F or Audit; Prereq: SPAN 3104W or TLDO 3104 or VENZ 3104 or ARGN 3104W or SPAN 3105W or TLDO 3105 or VENZ 3512 or instructor consent)
 68238 001 LEC, 16:00-18:30 M, Folwell Hall 8, In Person Term Based; Jaime Hanneken ; 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)
 52229 001 LEC, 14:30-15:45 WM, Folwell Hall 119, In Person Term Based; Jaime Hanneken ; 3 cr.
 53423 002 LEC, 13:00-14:15 ThT, Folwell Hall 113, In Person Term Based; Luis Ramos-Garcia ; 3 cr.

4002 Beginning Spanish for Graduate Student Research

(Student Option;)
 56100 002 DIS, 11:15-12:05 MTWThF, Folwell Hall 32, In Person Term Based; Meets With: 002 SPAN 1002; Cecily Brown ; 5 cr.
 66461 004 DIS, 18:00-19:55 MW, Folwell Hall 16, In Person Term Based; Meets With: 004 SPAN 1002; Stephanie Anderson ; 5 cr.

4003 Intermediate Spanish for Graduate Student Research

(Student Option;)
 53670 001 DIS, 8:00- 8:50 MTWTh, Folwell Hall 5, In Person Term Based; Meets With: 001 SPAN 1003; Mary Pogatshnik ; 5 cr.
 54129 017 DIS, 18:00-19:55 MW, Folwell Hall 32, In Person Term Based; Meets With: 017 SPAN 1003; 5 cr.
 66614 008 DIS, 11:15-12:05 MTWTh, Folwell Hall 18, In Person Term Based; Meets With: 008 SPAN 1003; Sara Finney ; 5 cr.

4004 Intermediate Spanish for Graduate Student Research

- (Student Option;)
53671 001 DIS, 8:00- 8:50 MTWTh, Folwell Hall 4, In Person Term Based; Meets With: 001 SPAN 1004; Alejandra Takahira ; 5 cr.
54135 010 DIS, 11:15-12:05 MTWTh, Folwell Hall 28, In Person Term Based; Meets With: 010 SPAN 1004; Vanessa Santana ; 5 cr.
54394 020 DIS, 18:00-19:55 TTh, Folwell Hall 6, In Person Term Based; Meets With: 020 SPAN 1004; Eva Palma Zuniga ; 5 cr.

4022 Alternate Second-Semester Spanish for Graduate Student Research

- (Student Option;)
53680 001 DIS, 8:00- 8:50 MTWThF, Folwell Hall 123, In Person Term Based; Meets With: 001 SPAN 1022; Ashlyn Kriegel ; 5 cr.
54120 007 DIS, 11:15-12:05 MTWThF, Folwell Hall 123, In Person Term Based; Meets With: 007 SPAN 1022; Craig Conrad ; 5 cr.
66615 015 DIS, 17:45-18:35 MTWThF, Folwell Hall 121, In Person Term Based; Meets With: 015 SPAN 1022; Alex Korte ; 5 cr.

5160 Medieval Iberian Literatures and Cultures

- (Student Option;)
66833 001 LEC, 14:30-17:30 W, Elmer L Andersen Library 29, In Person Term Based; Michelle Hamilton ; 3 cr.

5560 Global Colonial Studies in the Hispanic World

- (Student Option; Prereq: Grad student or instr consent)
66835 001 LEC, 14:30-17:30 T, Folwell Hall 119, In Person Term Based; Raul Marrero-Fente ; 3 cr.

5718 Spanish Language Contact

- (Student Option; Prereq: Grad student or instr consent)
66861 001 DIS, 11:15-12:30 MW, Folwell Hall 107, In Person Term Based; Carol Klee ; 3 cr.

5970 Directed Readings

- (Student Option; Prereq: Grad student or instr consent.)
52779 001 IND, In Person Term Based; 1-4 cr.
53108 002 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5990 Directed Research

- (Student Option; Prereq: Grad student or instr consent.)
53243 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.
53258 002 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5991 The Acquisition of Spanish as a First and Second Language

- (Student Option; Prereq: Grad student or instr consent)
66862 001 LEC, 11:15-12:30 TTh, Folwell Hall 107, In Person Term Based; Mandy Menke ; 3 cr.

8333 FTE: Master's

- (No Grade Associated; Prereq: Master's student, adviser and DGS consent)
52806 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

- (No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
52828 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)
52852 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])
52878 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)
53239 001 IND, In Person Term Based; 1-24 cr.

8920 Introduction to Hispanic and Lusophone Literatures, Cultures, and Languages

- (S-N only; Prereq: Graduate Student)
55771 001 LEC, 13:25-15:05 T, Vincent Hall 213, In Person Term Based; William Viestenz ; 2 cr.

8930 Dissertation & Professionalization Workshop

- (S-N only; Prereq: Grad student, instr consent)
55772 001 DIS, 13:25-14:15 Th, Folwell Hall 10, 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)
54393 001 LEC, 15:00-16:15 TTh, West Bank Skyway 20, In Person Term Based; Meets With: 001 SLHS 1301W; Yang Zhang ; 4 cr.
54605 002 LAB, 9:45-11:15 M, Appleby Hall 302, In Person Term Based; Meets With: 002 SLHS 1301W; 4 cr.

1301W The Physics and Biology of Spoken Language

- (Student Option; PHYS,WI)
51997 001 LEC, 15:00-16:15 TTh, West Bank Skyway 20, In Person Term Based; Meets With: 001 SLHS 1301V; Yang Zhang ; 4 cr.
51998 002 LAB, 9:45-11:15 M, Appleby Hall 302, In Person Term Based; Meets With: 002 SLHS 1301V; 4 cr.
51999 003 LAB, 8:15- 9:45 T, Appleby Hall 227, In Person Term Based; 4 cr.
52000 004 LAB, 11:15-12:45 W, Appleby Hall 227, In Person Term Based; 4 cr.

1302 Rate Your World: Quantifying Judgments of Human Behavior

- (Student Option; MATH)
53381 001 LEC, 10:10-11:00 TTh, Shevlin Hall 110, In Person Term Based; Yang Zhang ; 3 cr.
53633 002 DIS, 14:30-15:20 T, Shevlin Hall 110, In Person Term Based; 3 cr.
53634 003 DIS, 8:00- 8:50 Th, ONLINE, Completely Online; 3 cr.

1401 Communication Differences and Disorders

- (Student Option; SOCS)
52001 001 LEC, 11:15-12:30 TTh, Shevlin Hall 110, In Person Term Based; Meets With: 001 SLHS 3401; Jayanthi Sasisekaran ; 3 cr.

1402 The Talking Brain

- (Student Option; SOCS)
53278 001 LEC, 14:30-15:45 TTh, Shevlin Hall 20, In Person Term Based; Peter Watson ; 3 cr.

3303 Language Acquisition and Science

- (Student Option;)
54094 001 LEC, 13:00-14:15 TTh, Shevlin Hall 20, In Person Term Based; Lizbeth Finestack ; 3 cr.

3304 Phonetics

- (Student Option;)
54088 001 LEC, 9:45-11:00 TTh, Shevlin Hall 20, In Person Term Based; Sharon Gerlach ; 3 cr.

3306 Hearing Science

- (Student Option; Prereq: [3302, 3305W] or instr consent)
52034 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)
52958 001 LEC, 11:15-12:30 TTh, Shevlin 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)
54482 001 LEC, 13:00-14:15 MW, Shevlin Hall 20, 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)
54086 001 LEC, 13:00-14:15 MW, Shevlin Hall 20, 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])
53393 001 IND, 00:00-00:00 , , In Person Term Based; Arlene Carney ; 1-2 cr.
53404 002 IND, 00:00-00:00 , , In Person Term Based; Lizbeth Finestack ; 1-2 cr.
53405 003 IND, 00:00-00:00 , , In Person Term Based; Sheri Stronach ; 1-2 cr.
53406 005 IND, 00:00-00:00 , , In Person Term Based; Benjamin Munson ; 1-2 cr.
53407 006 IND, 00:00-00:00 , , In Person Term Based; Peggy Nelson ; 1-2 cr.
53408 007 IND, 00:00-00:00 , , In Person Term Based; 1-2 cr.
53409 008 IND, 00:00-00:00 , , In Person Term Based; Robert Schlauch ; 1-2 cr.
53410 009 IND, 00:00-00:00 , , In Person Term Based; Peter Watson ; 1-2 cr.
53411 010 IND, 00:00-00:00 , , In Person Term Based; Evelyn Davies-Venn ; 1-2 cr.
53412 011 IND, 00:00-00:00 , , In Person Term Based; Yang Zhang ; 1-2 cr.

3994 Directed Research

- (Student Option; Prereq: Undergrad doing research)
53630 001 IND, 00:00-00:00 , , In Person Term Based; Sarah Angerman ; 1-12 cr.
53631 002 IND, 00:00-00:00 , , In Person Term Based; Arlene Carney ; 1-12 cr.
53632 003 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.
54009 004 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.
54010 005 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.
54011 006 IND, 00:00-00:00 , , In Person Term Based; Benjamin Munson ; 1-12 cr.
54012 007 IND, 00:00-00:00 , , In Person Term Based; Peggy Nelson ; 1-12 cr.
54013 008 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.
54014 009 IND, 00:00-00:00 , , In Person Term Based; Joe Reichle ; 1-12 cr.
54015 010 IND, 00:00-00:00 , , In Person Term Based; Jayanthi Sasisekaran ; 1-12 cr.
54016 011 IND, 00:00-00:00 , , In Person Term Based; Robert Schlauch ; 1-12 cr.
54017 012 IND, 00:00-00:00 , , In Person Term Based; Peter Watson ; 1-12 cr.
54018 013 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.
54019 014 IND, 00:00-00:00 , , In Person Term Based; Yang Zhang ; 1-12 cr.
54117 015 IND, 00:00-00:00 , , In Person Term Based; Sheri Stronach ; 1-12 cr.
54118 016 IND, 00:00-00:00 , , In Person Term Based; Lizbeth Finestack ; 1-12 cr.

4802 Rehabilitative Audiology

- (Student Option;)
54171 001 LEC, 11:15-12:30 TTh, Shevlin Hall 20, In Person Term Based; Arlene Carney ; 3 cr.

5502 Voice and Cleft Palate

- (Student Option; Prereq: [3305, 4301] or [CDIs 3305, CDIs 4301] or instr consent)
54085 001 LEC, 8:45-11:15 W, Shevlin Hall 110, 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)
53370 001 LEC, 8:00-11:00 M, Shevlin Hall 110, In Person Term Based; Rebecca Lulaj ; 3 cr.

5606 Introduction to Augmentative and Alternative Communication

- (Student Option;)
53395 001 LEC, 17:30-20:00 W, Shevlin Hall 20, In Person Term Based; Kate Holden Nilson ; 3 cr.

5609 Child Language Disorders in Diverse Populations

- (Student Option;)

Spanish and Portuguese (SPPT)

55351 001 DIS, 17:15-19:30 M, Shevlin Hall 110, In Person Term Based; Sheri Stronach ; 3 cr.

5804 Cochlear Implants

(A-F or Audit; Prereq: [[4802, 5801, 5802] or [CDIS 4802, CDIS 5801, CDIS 5802], SLHS grad] or instr consent)
55352 001 LEC, 13:30-16:20 M, Shevlin Hall 110, In Person Term Based; Matthew Winn ; 3 cr.

5810 Laboratory Module in Audiology

(A-F only; Prereq: [4801 or CDIS 4801, SLHS grad] or instr consent)
52002 001 LAB, 13:00-14:30 Th, Lab TBA, In Person Term Based; Kerry Witherell ; 1-2 cr.
55117 002 LAB, 14:30-16:00 Th, Lab TBA, 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)
53382 001 DIS, 10:00-11:30 F, Shevlin Hall 20, In Person Term Based; Sarah Angerman ; 1-6 cr.

5830 Clinical Foundations in Audiology

(S-N or Audit; Prereq: Grad SLHS major)
55145 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)
68601 001 LEC, 18:00-20:30 Th, Shevlin Hall 20, In Person Term Based; Jessica Grittner ; 2 cr.

5993 Directed Study

(Student Option; Prereq: SLHS grad or instr consent)
52349 001 IND, 00:00-00:00 , , In Person Term Based; Sarah Angerman ; 1-12 cr.
53066 008 IND, 00:00-00:00 , , In Person Term Based; Peggy Nelson ; 1-12 cr.
53067 010 IND, 00:00-00:00 , , In Person Term Based; Robert Schlauch ; 1-12 cr.
53068 011 IND, 00:00-00:00 , , In Person Term Based; Peter Watson ; 1-12 cr.
53069 009 IND, 00:00-00:00 , , In Person Term Based; Joe Reichle ; 1-12 cr.
53070 003 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.
53071 004 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.
53072 007 IND, 00:00-00:00 , , In Person Term Based; Benjamin Munson ; 1-12 cr.
53073 012 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.
53074 002 IND, 00:00-00:00 , , In Person Term Based; Arlene Carney ; 1-12 cr.
53207 005 IND, 16:00-17:00 T, Shevlin Hall 20, In Person Term Based; Sheri Stronach ; 1-12 cr.
53628 013 IND, 00:00-00:00 , , In Person Term Based; Yang Zhang ; 1-12 cr.
54020 014 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.
54021 015 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.
54022 016 IND, 00:00-00:00 , , In Person Term Based; Jayanthi Sasisekaran ; 1-12 cr.
54119 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)
52787 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

8430 Proseminar in Speech-Language-Hearing Sciences

(S-N only;)
53829 001 DIS, 12:00-13:00 M, Shevlin Hall 110, In Person Term Based; Minkyong Choi ; 1-6 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
52812 001 IND, 00:00-00:00 , , In Person Term Based; Robert Schlauch ; 1 cr.
55098 002 IND, 00:00-00:00 , , In Person Term Based; Sarah Angerman ; 1 cr.
55099 003 IND, 00:00-00:00 , , In Person Term Based; 1 cr.
55100 004 IND, 00:00-00:00 , , In Person Term Based; 1 cr.
55101 005 IND, 00:00-00:00 , , In Person Term Based; Lizbeth Finestack ; 1 cr.
55102 006 IND, 00:00-00:00 , , In Person Term Based; Sheri Stronach ; 1 cr.

55103 007 IND, 00:00-00:00 , , In Person Term Based; Benjamin Munson ; 1 cr.
55104 008 IND, 00:00-00:00 , , In Person Term Based; Peggy Nelson ; 1 cr.
55105 009 IND, 00:00-00:00 , , In Person Term Based; Joe Reichle ; 1 cr.
55106 010 IND, 00:00-00:00 , , In Person Term Based; Jayanthi Sasisekaran ; 1 cr.
55107 011 IND, 00:00-00:00 , , In Person Term Based; Peter Watson ; 1 cr.
55108 012 IND, 00:00-00:00 , , In Person Term Based; Yang Zhang ; 1 cr.
55109 013 IND, 00:00-00:00 , , In Person Term Based; 1 cr.
55110 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)
52834 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.)
52003 001 FWK, In Person Term Based; Rebecca Lulai ; 1-8 cr.
53307 002 FWK, 00:00-00:00 , , In Person Term Based; Rebecca Lulai ; 1-8 cr.
55130 003 FWK, In Person Term Based; Rebecca Lulai, 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])
52858 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)
52004 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)
52005 001 LEC, 13:00-15:30 W, Shevlin Hall 110, In Person Term Based; Evelyn Davies-Venn ; 3 cr.

8806 Audiology Capstone

(S-N or Audit; Prereq: 8802, 8807)
53576 001 LEC, 00:00-00:00 , , In Person Term Based; Robert Schlauch ; 1-6 cr.
67901 002 LEC, In Person Term Based; Sarah Angerman ; 1-6 cr.
67902 003 LEC, In Person Term Based; Arlene Carney ; 1-6 cr.
67903 004 LEC, In Person Term Based; Evelyn Davies-Venn ; 1-6 cr.
67904 005 LEC, In Person Term Based; Peggy Nelson ; 1-6 cr.

8807 Balance Assessment

(Student Option; Prereq: 5801, 8801)
54766 001 LEC, 9:00-12:00 M, Shevlin Hall 125, In Person Term Based; Sarah Angerman ; 3 cr.

8820 Clinical Education in Audiology

(S-N or Audit; Prereq: Grad CDIs major)
52006 001 FWK, 00:00-00:00 , , In Person Term Based; Sarah Angerman ; 1-8 cr.
53308 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])
54024 001 FWK, 00:00-00:00 , , In Person Term Based; Sarah Angerman ; 1-8 cr.
54027 002 FWK, 00:00-00:00 , , In Person Term Based; Sarah Angerman ; 1-8 cr.
54028 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.)
52893 001 IND, 00:00-00:00 , , In Person Term Based; Robert Schlauch ; 1-24 cr.

8994 Directed Research

(Student Option; Prereq: instr consent)

52350 001 IND, 00:00-00:00 , , In Person Term Based; Sarah Angerman ; 1-12 cr.
52351 008 IND, 00:00-00:00 , , In Person Term Based; Peggy Nelson ; 1-12 cr.
52352 010 IND, 00:00-00:00 , , In Person Term Based; Robert Schlauch ; 1-12 cr.
52353 011 IND, 00:00-00:00 , , In Person Term Based; Peter Watson ; 1-12 cr.
53075 009 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.
53076 003 IND, 00:00-00:00 , , In Person Term Based; Matthew Winn ; 1-12 cr.
53077 004 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.
53078 007 IND, 00:00-00:00 , , In Person Term Based; Benjamin Munson ; 1-12 cr.
53079 002 IND, 00:00-00:00 , , In Person Term Based; Arlene Carney ; 1-12 cr.
53208 005 IND, 00:00-00:00 , , In Person Term Based; Sheri Stronach ; 1-12 cr.
53603 012 IND, 00:00-00:00 , , In Person Term Based; Evelyn Davies-Venn ; 1-12 cr.
53627 013 IND, 00:00-00:00 , , In Person Term Based; Yang Zhang ; 1-12 cr.
54115 014 IND, 00:00-00:00 , , In Person Term Based; Jayanthi Sasisekaran ; 1-12 cr.
54116 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;)
50805 001 LEC, 9:45-11:00 TTh, 10 Church Street SE 100, In Person Term Based; Meets With: 002 SMGT 1701; Vicki Schull ; 2 cr.
51082 002 LEC, 9:45-11:00 TTh, 10 Church Street SE 100, In Person Term Based; Meets With: 001 SMGT 1701; Vicki Schull ; 2 cr.

3111 Sports Facility and Event Management

(A-F only; Prereq: SMGT major or SMGT minor or CEHD IDP or instructor consent and 45 credits completed or in progress.)
51084 001 LEC, 9:45-11:00 TTh, Tate Hall 110, In Person Term Based; Derek Hillestad ; 3 cr.
51580 002 LEC, 11:15-12:30 MW, Cooke Hall 214, In Person Term Based; 3 cr.

3143 Organization and Management of Sport

(A-F only; Prereq: SMGT major or SMGT minor or CEHD IDP or instructor consent, and 45 credits completed or in progress.)
51114 001 LEC, 13:00-14:15 MW, Cooke Hall 206, In Person Term Based; Vicki Schull ; 3 cr.
51975 002 LEC, 9:45-11:00 MW, Cooke Hall 206, In Person Term Based; 3 cr.

3421 Business of Sport

(A-F or Audit; Prereq: SMGT or KIN or REC major or SMGT minor or CEHD IDP or instructor consent and 45 credits completed or in progress.)
50617 001 LEC, 16:15-17:30 TTh, Keller Hall 3-111, In Person Term Based; Jeffrey Jurgella ; 3 cr.
51751 002 LEC, 11:15-12:30 TTh, Akerman Hall 225, In Person Term Based; 3 cr.

3501 Sport in a Diverse Society

(A-F only; DSJ,SOCs)
51115 001 LEC, 11:15-12:30 TTh, Cooke Hall 214, In Person Term Based; Meets With: 001 SMGT 3501H; Chelsey Thul ; 3 cr.
51155 002 LEC, 8:15-9:30 TTh, Cooke Hall 214, In Person Term Based; Nicole LaVoie ; 3 cr.
51565 005 LEC, 13:00-14:15 TTh, Cooke Hall 215, In Person Term Based; Jo Ann Buysse ; 3 cr.
51652 004 LEC, 8:00-9:15 MW, Cooke Hall 214, In Person Term Based; Leo Lewis ; 3 cr.

3501H Sport in a Diverse Society: Honors

(A-F only; Prereq: Honors student[DSJ,SOCs])
67658 001 LEC, 11:15-12:30 TTh, Cooke Hall 214, In Person Term Based; Meets With: 001 SMGT 3501; Chelsey Thul ; 3 cr.

3601 Ethics and Values in Sport

(A-F or Audit; Prereq: SMGT major and 60 credits completed or in progress.)
50619 001 LEC, 13:00-14:40 Th, Armory Building 202, In Person Term Based; 2 cr.

3631 Sport Marketing

(A-F only; Prereq: SMGT Major or SMGT Minor, or instructor consent AND 45 credits completed or in progress.)

- 51118 001 LEC, 8:15- 9:30 MW, Cooke Hall 206, In Person Term Based; ; 3 cr.
51752 002 LEC, 11:15-12:30 TTh, Cooke Hall 206, In Person Term Based; Yonghwan Chang ; 3 cr.

3632 Sport Sales and Fund-raising

(A-F only; Prereq: Sport Management major or instr consent)

- 51222 001 LEC, 18:00-20:30 M, Cooke Hall 206, In Person Term Based; ; 3 cr.

3861 Sport and Recreation Law

(A-F only; Prereq: SMGT major or REC major or SMGT minor or Health and Wellness Promotion minor and 60 credits completed or in progress.)

- 50620 001 LEC, 17:45-20:15 T, Civil Engineering Bldg 212, In Person Term Based; Sandy Blazar ; 3 cr.

3881W Senior Seminar in Sport Management

(A-F or Audit; WI)

- 50615 001 LEC, 15:00-17:30 M, Cooke Hall 215, In Person Term Based; Ji Wu ; 3 cr.
51540 002 LEC, 18:00-20:30 M, Akerman Hall 211, In Person Term Based; Kurumi Aizawa ; 3 cr.
51979 003 LEC, 15:00-17:30 M, Mechanical Engineering 221, In Person Term Based; Vicki Schull ; 3 cr.

3993 Directed Study in Sport Management

(A-F only; Prereq: Undergrad, instr consent)

- 51258 011 IND, Independent/Directed Study; Vicki Schull ; 1-3 cr.
51259 005 IND, 00:00-00:00 , , Independent/Directed Study; Jo Ann Buysse ; 1-3 cr.
51260 009 IND, 00:00-00:00 , , Independent/Directed Study; Lisa Kihl ; 1-3 cr.
66746 002 IND, In Person Term Based; Yonghwan Chang ; 1-3 cr.
66747 001 IND, In Person Term Based; Yuhei Inoue ; 1-3 cr.

3996 Practicum: The Sport Experience

(S-N only; Prereq: 3881, SMGT major, instr consent)

- 50616 001 FWK, 00:00-00:00 , , In Person Term Based; Katie Koopmeiners ; 2-8 cr.

Statistics (STAT)

1001 Introduction to the Ideas of Statistics

(Student Option; Prereq: Mathematics requirement for admission to UniversityMATH)

- 52021 001 LEC, 10:10-11:00 MWF, Armory Building 116, In Person Term Based; 4 cr.
53193 003 LAB, 10:10-11:00 T, Mechanical Engineering 108, In Person Term Based; ; 4 cr.

3011 Introduction to Statistical Analysis

(Student Option; MATH)

- 52022 001 LEC, 11:15-12:05 MWF, Anderson Hall 350, In Person Term Based; Meng-Hsuan Wu ; 4 cr.
52023 002 LAB, 8:00- 8:50 T, Akerman Hall 319, In Person Term Based; 4 cr.
52024 003 LAB, 9:05- 9:55 T, Nicholson Hall 125, In Person Term Based; 4 cr.
52025 004 LAB, 10:10-11:00 T, Nicholson Hall 125, In Person Term Based; 4 cr.
52026 005 LEC, 8:00- 8:50 MWF, Bruininks Hall 220, In Person Term Based; ; 4 cr.
52027 006 LAB, 9:05- 9:55 T, Civil Engineering Bldg 212, In Person Term Based; 4 cr.
52028 007 LAB, 10:10-11:00 T, Blegen Hall 135, In Person Term Based; 4 cr.
52029 008 LAB, 8:00- 8:50 T, Akerman Hall 225, In Person Term Based; 4 cr.
52666 009 LEC, 12:20-13:10 MWF, Vincent Hall 16, In Person Term Based; Yuyoung Park ; 4 cr.
52667 010 LAB, 12:20-13:10 Th, Civil Engineering Bldg 212, In Person Term Based; 4 cr.
52668 011 LAB, 13:25-14:15 Th, Akerman Hall 225, In Person Term Based; 4 cr.
52669 012 LAB, 14:30-15:20 Th, Akerman Hall 225, In Person Term Based; 4 cr.
55845 013 LEC, 10:10-11:00 MWF, Anderson Hall 250, In Person Term Based; Meng-Hsuan Wu ; 4 cr.
55846 014 LAB, 10:10-11:00 T, Blegen Hall 240, In Person Term Based; 4 cr.
55847 015 LAB, 9:05- 9:55 T, Keller Hall 2-260, In Person Term Based; 4 cr.
55848 016 LAB, 11:15-12:05 T, Civil Engineering Bldg 212, In Person Term Based; 4 cr.
55849 017 LEC, 17:10-18:00 MWF, Ruttan Hall B25, In Person Term Based; 4 cr.

- 55850 018 LAB, 17:10-18:00 T, Ruttan Hall 143, In Person Term Based; 4 cr.

3021 Introduction to Probability and Statistics

(Student Option; Prereq: Math 1272)

- 54880 001 LEC, 11:15-12:05 MWF, Tate Hall 105, In Person Term Based; Yuyoung Park ; 3 cr.
54881 002 LAB, 9:05- 9:55 T, Vincent Hall 211, In Person Term Based; 3 cr.
54882 003 LAB, 10:10-11:00 T, Vincent Hall 6, In Person Term Based; 3 cr.
54883 004 LAB, 11:15-12:05 T, Ford Hall B10, In Person Term Based; 3 cr.
54884 005 LEC, 9:05- 9:55 MWF, Fraser Hall 102, In Person Term Based; 3 cr.
54885 006 LAB, 8:00- 8:50 T, Ford Hall 110, In Person Term Based; 3 cr.
54886 007 LAB, 9:05- 9:55 T, Vincent Hall 113, In Person Term Based; 3 cr.
54887 008 LAB, 10:10-11:00 T, Vincent Hall 211, In Person Term Based; 3 cr.
54888 009 LEC, 10:10-11:00 MWF, Fraser Hall 101, In Person Term Based; Tiefeng Jiang ; 3 cr.
54889 010 LAB, 10:10-11:00 Th, Ford Hall 150, In Person Term Based; 3 cr.
54890 011 LAB, 11:15-12:05 Th, Mechanical Engineering 221, In Person Term Based; 3 cr.
54891 012 LAB, 12:20-13:10 Th, Vincent Hall 113, In Person Term Based; 3 cr.
68760 013 LAB, 9:05- 9:55 Th, Bruininks Hall 420B, In Person Term Based; , Taryn Verley, Keelin Yenney, True Xiong ; 3 cr.

3022 Data Analysis

(Student Option; Prereq: 3011 or 3021 or SOC 3811)

- 52030 001 LEC, 10:10-11:00 MWF, Mechanical Engineering 108, In Person Term Based; Yuyoung Park ; 4 cr.
52031 002 LAB, 10:10-11:00 T, Cooke Hall 215, In Person Term Based; 4 cr.
53034 003 LAB, 11:15-12:05 T, Molecular Cellular Biol 2-120, In Person Term Based; 4 cr.
68255 883 LEC, 10:10-11:00 MWF, ONLINE, Completely Online; Yuyoung Park ; 4 cr.

3032 Regression and Correlated Data

(Student Option; Prereq: STAT 3011 or STAT 3021)

- 55279 001 LEC, 11:15-12:05 MWF, Vincent Hall 16, In Person Term Based; 4 cr.
55280 002 LAB, 10:10-11:00 T, Ford Hall 150, In Person Term Based; 4 cr.
55281 003 LAB, 11:15-12:05 T, Mechanical Engineering 221, In Person Term Based; 4 cr.
55282 004 LAB, 12:20-13:10 T, Akerman Hall 327, In Person Term Based; 4 cr.
55283 005 LEC, 14:30-15:20 MWF, Blegen Hall 10, In Person Term Based; Georgia(Zhuozhi) Huang ; 4 cr.
55284 006 LAB, 14:30-15:20 T, Akerman Hall 215, In Person Term Based; 4 cr.
55285 007 LAB, 13:25-14:15 T, Appleby Hall 226, In Person Term Based; 4 cr.
55286 008 LAB, 15:35-16:25 T, Akerman Hall 225, In Person Term Based; 4 cr.

3701 Introduction to Statistical Computing

(A-F only; Prerequisites: (MATH 1272 or 1372 or 1572H), CSCI 1113, and STAT 3032)

- 55288 001 LEC, 13:25-14:15 MWF, Molecular Cellular Biol 2-120, In Person Term Based; 4 cr.
66631 002 LAB, 15:35-16:25 Th, Folwell Hall 112, In Person Term Based; ; 4 cr.
68145 003 LAB, 16:40-17:30 Th, Folwell Hall 108, In Person Term Based; 4 cr.

4051 Applied Statistics I

(A-F or Audit; Prerequisites: Stat 3032 and Stat 3701 and Stat 4101 or 5101)

- 55160 001 LEC, 10:10-11:00 MWF, Akerman Hall 319, In Person Term Based; Barbara Kuzmak ; 4 cr.
55161 002 LAB, 10:10-11:00 T, Akerman Hall 313, In Person Term Based; 4 cr.

4052 Introduction to Statistical Learning

(A-F only; Prerequisites: Stat 4051 and Stat 4102 or 5102)

- 55163 001 LEC, 10:10-11:00 MWF, Nicholson Hall 125, In Person Term Based; Lan Liu ; 4 cr.
55164 002 LAB, 10:10-11:00 T, Civil Engineering Bldg 212, In Person Term Based; 4 cr.

4101 Theory of Statistics I

(Student Option; Prereq: Math 1272 or Math 1372 or Math 1572H)

- 54893 001 LEC, 14:30-15:20 MWF, Akerman Hall 319, In Person Term Based; 4 cr.

- 54894 002 LAB, 13:25-14:15 T, Akerman Hall 327, In Person Term Based; ; 4 cr.
54895 003 LAB, 14:30-15:20 T, Akerman Hall 319, In Person Term Based; ; 4 cr.

4102 Theory of Statistics II

(Student Option; Prereq: 4101)

- 52157 001 LEC, 14:30-15:20 MWF, Mechanical Engineering 18, In Person Term Based; Tiefeng Jiang ; 4 cr.
52158 002 LAB, 13:25-14:15 T, Akerman Hall 225, In Person Term Based; 4 cr.
54178 003 LAB, 14:30-15:20 T, Akerman Hall 225, In Person Term Based; 4 cr.

4893W Consultation and Communication for Statisticians

(A-F only; Prereq: Senior Statistics Major(WI))

- 52886 001 LEC, 13:25-14:15 MWF, Vincent Hall 206, In Person Term Based; Barbara Kuzmak ; 3 cr.
54767 002 LEC, 13:25-14:15 MWF, Ford Hall 150, In Person Term Based; Georgia(Zhuozhi) Huang ; 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)

- 52032 001 LEC, 10:10-11:00 MWF, Civil Engineering Bldg 212, In Person Term Based; 4 cr.
52033 002 LAB, 9:05- 9:55 Th, Vincent Hall 206, In Person Term Based; ; 4 cr.
53159 003 LAB, 10:10-11:00 Th, Vincent Hall 206, In Person Term Based; ; 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])

- 54899 001 LEC, 9:05- 9:55 MWF, Mayo Bldg & Additions C231, In Person Term Based; Charles Geyer ; 4 cr.
54900 002 LAB, 9:05- 9:55 T, Ford Hall 150, In Person Term Based; 4 cr.
54901 003 LAB, 8:00- 8:50 T, Ford Hall 151, In Person Term Based; 4 cr.
54902 004 LAB, 10:10-11:00 T, Ford Hall B10, In Person Term Based; 4 cr.

5102 Theory of Statistics II

(Student Option; Prereq: 5101 or Math 5651)

- 52159 001 LEC, 14:30-15:20 MWF, Anderson Hall 350, In Person Term Based; Kean Ming Tan ; 4 cr.
52160 002 LAB, 14:30-15:20 T, Ford Hall 150, In Person Term Based; 4 cr.
53206 003 LAB, 13:25-14:15 T, Ford Hall B10, In Person Term Based; 4 cr.
66632 004 LAB, 15:35-16:25 T, Tate Hall B65, In Person Term Based; ; 4 cr.

5302 Applied Regression Analysis

(Student Option; Prereq: 3022 or 4102 or 5021 or 5102 or instr consent)

- 52060 001 LEC, 13:25-14:15 MWF, Akerman Hall 209, In Person Term Based; Sara Algeri ; 4 cr.
52061 002 LAB, 13:25-14:15 T, Vincent Hall 1, In Person Term Based; 4 cr.
52670 003 LAB, 14:30-15:20 T, Vincent Hall 1, In Person Term Based; 4 cr.

5303 Designing Experiments

(Student Option; Prereq: 3022 or 4102 or 5021 or 5102 or instr consent)

- 52059 001 LEC, 12:20-13:10 MWF, Akerman Hall 319, In Person Term Based; ; 4 cr.
52650 002 LAB, 12:20-13:10 T, Vincent Hall 113, In Person Term Based; 4 cr.
54892 003 LAB, 13:25-14:15 T, Vincent Hall 113, In Person Term Based; 4 cr.

5401 Applied Multivariate Methods

(Student Option;)

- 53624 001 LEC, 11:15-12:05 MWF, Rapson Hall 45, In Person Term Based; Kean Ming Tan ; 3 cr.

5511 Time Series Analysis

(Student Option; Prereq: Theoretical understanding)

- 55289 001 LEC, 14:30-15:20 MWF, Akerman Hall 225, In Person Term Based; Meets With: 001 STAT 8511; Charles Doss ; 3 cr.

5993 Tutorial

(Student Option; Prereq: instr consent)

- 52706 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)

54845 001 LEC, 11:15-13:10 MWF, Vincent Hall 1, In Person Term Based; Birgit Grund ; 3 cr.

54906 002 LAB, 11:15-13:10 Th, Appleby Hall 11, In Person Term Based ; 3 cr.

8054 Statistical Methods 4: Advanced Statistical Computing**(A-F or Audit; Prereq: STAT 8053 or instr consent)**

53809 001 LEC, 12:20-13:10 MWF, Akerman Hall 317, In Person Term Based; Charles Geyer ; 3 cr.

8056 Statistical Learning and Data Mining**(Student Option No Audit; Prereq: [[6450, 6451, 6452] or STAT 5303 or equiv], [biostatistics or statistics PhD student]] or instr consent)**

66501 001 LEC, 9:45-11:00 MW, Akerman Hall 225, In Person Term Based; Meets With: 001 PUBH 7475001 PUBH 8475; Wei Pan, Xiaotong Shen ; 3 cr.

8102 Theory of Statistics 2**(Student Option; Prereq: 8101, Statistics graduate major or instr consent)**

52078 001 LEC, 13:25-14:15 MWF, Ford Hall 115, In Person Term Based; Xiaoou Li ; 3 cr.

8112 Mathematical Statistics II**(Student Option; Prereq: 8111)**

52079 001 LEC, 13:25-14:15 MWF, Vincent Hall 207, In Person Term Based; Charles Doss ; 3 cr.

8333 FTE: Master's**(No Grade Associated; Prereq: Master's student, adviser and DGS consent)**

52807 001 IND, In Person Term Based; 1 cr.

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

52829 001 IND, In Person Term Based; 1 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)**

52853 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])**

52879 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)**

52671 001 LEC, 9:45-11:00 MW, Ford Hall 130, In Person Term Based; Gary Oehlert ; 3 cr.

8821 Curricular Practical Training**(S-N only; Prereq: Statistics grad student, dept consent)**

54423 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)**

52887 001 IND, In Person Term Based; 1-24 cr.

8913 Literature Seminar**(S-N only; Prereq: Statistics grad major or instr consent)**

53842 001 LEC, 15:35-16:25 F, Ford Hall 155, In Person Term Based; Lan Wang ; 1 cr.

8931 Advanced Topics in Statistics**(Student Option;)**

54426 001 LEC, 11:15-12:05 MWF, Ford Hall 150, In Person Term Based; R. Cook ; 3 cr.

8992 Directed Readings and Research**(Student Option; Prereq: instr consent)**

52176 001 IND, 00:00-00:00 , In Person Term Based; 1-6 cr.

54784 002 IND, 00:00-00:00 , In Person Term Based; Singdhansu Chatterjee ; 1-6 cr.

54785 003 IND, 00:00-00:00 , In Person Term Based; R. Cook ; 1-6 cr.

54786 004 IND, 00:00-00:00 , In Person Term Based; Charles Doss ; 1-6 cr.

54787 005 IND, 00:00-00:00 , In Person Term Based; Charles Geyer ; 1-6 cr.

54788 006 IND, 00:00-00:00 , In Person Term Based; Birgit Grund ; 1-6 cr.

54789 007 IND, 00:00-00:00 , In Person Term Based;

Douglas Hawkins ; 1-6 cr.

54790 008 IND, 00:00-00:00 , In Person Term Based;

Nathaniel Helwig ; 1-6 cr.

54791 009 IND, 00:00-00:00 , In Person Term Based; Tiefeng Jiang ; 1-6 cr.

54792 010 IND, 00:00-00:00 , In Person Term Based; Galin Jones ; 1-6 cr.

54793 011 IND, 00:00-00:00 , In Person Term Based; Glen Meeden ; 1-6 cr.

54794 012 IND, 00:00-00:00 , In Person Term Based; Gary Oehlert ; 1-6 cr.

54795 013 IND, 00:00-00:00 , In Person Term Based; Aaron Rendahl ; 1-6 cr.

54796 014 IND, 00:00-00:00 , In Person Term Based; Adam Rothman ; 1-6 cr.

54797 015 IND, 00:00-00:00 , In Person Term Based; Xiaotong Shen ; 1-6 cr.

54798 016 IND, 00:00-00:00 , In Person Term Based; Lan Wang ; 1-6 cr.

54799 017 IND, 00:00-00:00 , In Person Term Based; Sanford Weisberg ; 1-6 cr.

54800 018 IND, 00:00-00:00 , In Person Term Based; Gongjun Xu ; 1-6 cr.

54801 019 IND, 00:00-00:00 , In Person Term Based; Yuhong Yang ; 1-6 cr.

54802 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)**

61845 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)**

61915 001 IND, In Person Term Based; Susan Keirstead ; 1 cr.

8777 Thesis Credits: Master's**(No Grade Associated;)**

61847 001 IND, In Person Term Based; Susan Keirstead ; 1-18 cr.

Studies in Cinema Media Cultur (SCMC)**1201W Cinema****(Student Option; AH,WI)**

53388 001 LEC, 9:05-12:05 F, Nicholson Hall 155, In Person Term Based; Meets With: 001 CSCS 1201W; Michelle Lekas ; 4 cr.

55070 002 DIS, 9:05-9:55 T, Bruininks Hall 119, In Person Term Based; Meets With: 002 CSCS 1201W; Drishadwati Bargi ; 4 cr.

55071 003 DIS, 10:10-11:00 T, Bruininks Hall 119, In Person Term Based; Meets With: 003 CSCS 1201W; Drishadwati Bargi ; 4 cr.

55072 004 DIS, 10:10-11:00 Th, Kolthoff Hall 138, In Person Term Based; Meets With: 004 CSCS 1201W; Joseph Nelson ; 4 cr.

55073 005 DIS, 10:10-11:00 W, Nicholson Hall 335, In Person Term Based; Meets With: 005 CSCS 1201W; Xiaoli Yang ; 4 cr.

55309 006 DIS, 11:15-12:05 W, Nicholson Hall 335, In Person Term Based; Meets With: 006 CSCS 1201W; Xiaoli Yang ; 4 cr.

1202W Media: Word, Image, Sound**(Student Option; AH,WI,TS)**

55056 001 LEC, 11:15-12:30 TTh, Bruininks Hall 330, In Person Term Based; Meets With: 001 CSCS 1202W; Meredith Gill ; 4 cr.

55057 002 DIS, 9:05-9:55 M, Bruininks Hall 119, In Person Term Based; Meets With: 002 CSCS 1202W; Soyi Kim, Zosha Winegar-Schultz ; 4 cr.

55058 003 DIS, 10:10-11:00 M, Bruininks Hall 119, In Person Term Based; Meets With: 003 CSCS 1202W; Soyi Kim ; 4 cr.

55068 004 DIS, 9:05-9:55 F, Nicholson Hall 345, In Person Term Based; Meets With: 004 CSCS 1202W; Cole Pulice ; 4 cr.

55069 005 DIS, 10:10-11:00 F, Nicholson Hall 345, In Person Term Based; Meets With: 005 CSCS 1202W; Cole Pulice ; 4 cr.

68315 006 DIS, 9:05-9:55 W, Bruininks Hall 119, In Person Term Based; Meets With: 006 CSCS 1202W; Zosha Winegar-Schultz ; 4 cr.

3202 Intermediate Digital Filmmaking**(A-F only; Prereq: 3201 or instr consent)**

54560 001 LAB, 17:45-21:05 W, Nicholson Hall 145, In Person Term Based; James Snapko ; 4 cr.

54781 002 LAB, 17:45-21:05 Th, Rapson Hall 45, In Person Term Based; James Snapko ; 4 cr.

3220W Screen Cultures**(Student Option; AH,WI,TS)**

55408 001 LEC, 11:15-12:30 TTh, , In Person Term Based; Meets With: 001 CSCS 3220W; Graeme Stout ; 3 cr.

3993 Directed Study**(Student Option;)**

54495 001 IND, 00:00-00:00 , In Person Term Based; 1-3 cr.

4993 Directed Study**(Student Option;)**

54496 001 IND, 00:00-00:00 , Independent/Directed Study; 1-3 cr.

5002 Advanced Film Analysis**(A-F only;)**

66528 001 LEC, 18:20-20:50 W, Folwell Hall 122, 16:00-18:45 T, Folwell Hall 106, In Person Term Based; Michelle Lekas ; 4 cr.

5993 Directed Study**(Student Option;)**

54497 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)**

58861 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)**

60113 002 LEC, In Person Term Based; 3 cr.

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)**

57327 001 DIS, 8:00-9:40 TTh, Carlson School of Mgmt L-110, In Person Term Based; Bhupinder Juneja ; 4 cr.

57328 002 DIS, 11:50-13:30 MW, Carlson School of Mgmt L-110, In Person Term Based; Anna Errore ; 4 cr.

57329 003 DIS, 13:45-15:25 MW, Carlson School of Mgmt L-110, In Person Term Based; Steven Huchendorf ; 4 cr.

3001 Supply Chain and Operations**(A-F or Audit;)**

57377 006 LEC, 9:45-11:00 TTh, Carlson School of Mgmt 2-213, In Person Term Based; Vincent Yu ; 3 cr.

66217 007 LEC, 13:00-14:15 MW, Hanson Hall 1-107, In Person Term Based; Dwaipayan Roy ; 3 cr.

3045 Sourcing and Supply Management**(A-F only; Prereq: 3001)**

57335 001 LEC, 8:00-9:40 MW, Carlson School of Mgmt 1-123, In Person Term Based; Thomas Buchner ; 2 cr.

3048 Transportation and Logistics Management**(A-F only; Prereq: 3001)**

57429 001 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 2-213, In Person Term Based; Karen Donohue ; 2 cr.

3056 Supply Chain Planning and Control**(A-F or Audit; Prereq: 3001 or instr consent)**

57336 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)
57337 020 LEC, 17:45-21:05 Th, Hanson Hall 1-107, In Person Term Based; Steven Huchendorf ; 4 cr.

3072 Managing Technologies in the Supply Chain

(A-F only; Prereq: 3001)
57338 001 LEC, 11:50-13:30 TTh, Carlson School of Mgmt 2-213, In Person Term Based; Anant Mishra ; 2 cr.

4065W Supply Chain and Operations Strategy

(A-F only; Prereq: 3001, 3056, 3059, 4 [OMS or SCO] elective crWl)
57339 001 LEC, 9:55-11:35 TTh, Carlson School of Mgmt L-118, In Person Term Based; David Quimby ; 4 cr.
57483 002 LEC, 13:45-15:25 TTh, Carlson School of Mgmt L-118, In Person Term Based; David Quimby ; 4 cr.

6041 Project Management

(A-F only;)
57340 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.
65856 001 LEC, 15:45-17:25 TTh, Carlson School of Mgmt 1-142, In Person Term Based; Anant Mishra ; 2 cr.

6045 Strategic Sourcing

(A-F only;)
57485 065 LEC, 17:45-21:05 M, Carlson School of Mgmt 1-142, In Person Term Based; Anant Mishra ; 2 cr.

6072 Managing Technologies in the Supply Chain

(A-F only;)
57430 065 LEC, 17:45-21:05 W, Carlson School of Mgmt 2-224, In Person Term Based; Kingshuk Sinha ; 2 cr.

6081 Global Operations Strategy

(A-F only; Prereq: [MBA 6220 or equiv], MBA student)
57398 060 LEC, 17:45-21:05 Th, Carlson School of Mgmt 1-135, In Person Term Based; Bob Azman ; 4 cr.

6090 Sales, Inventory, and Operations Planning

(A-F only;)
66637 075 LEC, Completely Online; Mili Mehrotra ; 2 cr.

6091 Process Improvement Methods

(A-F only;)
57487 065 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-132, In Person Term Based; David Quimby ; 2 cr.

6092 Supply Chain Risk and Security

(A-F only;)
57488 055 LEC, 8:00-17:00 Sa, Carlson School of Mgmt 1-143, 8:00-17:00 Sa, Carlson School of Mgmt 1-143, 8:00-17:00 Sa, Carlson School of Mgmt 1-143, In Person Term Based; David Quimby ; 2 cr.

6094 Responsible Supply Chain Management

(A-F only;)
57489 065 LEC, 17:45-21:05 M, Carlson School of Mgmt 1-135, In Person Term Based; Karthik Natarajan ; 2 cr.

6096 Supply Chain Management in the Health Care and Medical Devices Sector

(A-F only;)
57490 065 LEC, 17:45-21:05 T, Carlson School of Mgmt 1-142, In Person Term Based; Kingshuk Sinha ; 2 cr.

6097 Supply Chain Management in the Retail Sector

(A-F only;)
57491 065 LEC, 17:45-21:05 Th, Carlson School of Mgmt 1-142, In Person Term Based; Karen Donohue, Lisa Cotter ; 2 cr.

6192 Supply Chain Finance

(A-F only;)
67258 075 LEC, Completely Online; Jeffrey Muradian ; 2 cr.

6291 Leadership Development

(A-F only;)
57492 095 LEC, 17:45-21:05 M, Carlson School of Mgmt 1-136, 17:45-21:05 W, Carlson School of Mgmt 1-136, 8:00-11:00 Sa, Carlson School of Mgmt 1-136, In Person Term Based; Kevin Wilde, ; 0-2 cr.

8745 Research on Quality Management

(A-F or Audit; Prereq: Business admin PhD student or instr consent; offered alt yrs)
65859 001 LEC, In Person Term Based; Kevin Linderman ; 3 cr.

8892 Readings in Operations and Management Science

(Student Option; Prereq: Business admin PhD student or instr consent)
57341 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)
57342 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

Surgery (SURG)**7500 General Surgery Externship**

(H-N only;)
61532 085 ROT, In Person Term Based; 8 cr.
62502 086 ROT, In Person Term Based; 8 cr.

7502 Externship in the Surgical Intensive Care Unit

(H-N or Audit; Prereq: 7500)
61533 006 FWK, 00:00-00:00 , , In Person Term Based; 2-6 cr.
61534 007 FWK, 00:00-00:00 , , In Person Term Based; 2-6 cr.

7503 Surgery Research

(H-N only;)
61535 099 IND, 00:00-00:00 , , In Person Term Based; 4 cr.

7504 Externship in Hospital-based Nutrition

(H-N or Audit;)
61536 006 FWK, 00:00-00:00 , , In Person Term Based; 3-6 cr.
61537 007 FWK, 00:00-00:00 , , In Person Term Based; 3-6 cr.
61538 008 FWK, In Person Term Based; 3-6 cr.

7505 Solid Organ Transplant Surgery

(H-N only;)
62142 001 ROT, In Person Term Based; 4-46 cr.
62143 002 ROT, In Person Term Based; 4-46 cr.
62144 003 ROT, In Person Term Based; 4-46 cr.
62145 004 ROT, In Person Term Based; 4-46 cr.

7509 Burn Surgery

(H-N only;)
61539 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62448 002 ROT, In Person Term Based; 4 cr.
62449 003 ROT, In Person Term Based; 4 cr.
62450 004 ROT, In Person Term Based; 4 cr.

7510 Advanced Surgery Externship

(H-N only;)
61540 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62451 002 ROT, In Person Term Based; 4 cr.
62452 003 ROT, In Person Term Based; 4 cr.
62453 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)
61768 017 FWK, 00:00-00:00 , , In Person Term Based; 3-6 cr.
62146 018 FWK, In Person Term Based; 3-6 cr.
62147 019 FWK, In Person Term Based; 3-6 cr.
62148 020 FWK, In Person Term Based; 3-6 cr.

7522 Plastic & Reconstructive Surgery

(H-N only;)
61541 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62454 002 ROT, In Person Term Based; 4 cr.
62455 003 ROT, In Person Term Based; 4 cr.
62456 004 ROT, In Person Term Based; 4 cr.

7523 Colon and Rectal Surgery

(H-N only;)
61542 001 ROT, In Person Term Based; 4 cr.
62457 002 ROT, In Person Term Based; 4 cr.
62458 003 ROT, In Person Term Based; 4 cr.
62459 004 ROT, In Person Term Based; 4 cr.

7524 Externship in Outpatient and Ambulatory Surgery

(H-N or Audit; Prereq: instr consent)
61671 001 ROT, 00:00-00:00 , , In Person Term Based; 3 cr.

7525 Cardiovascular and Thoracic Surgery

(H-N only;)
61798 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62460 002 ROT, In Person Term Based; 4 cr.
62461 003 ROT, In Person Term Based; 4 cr.
62462 004 ROT, In Person Term Based; 4 cr.

7526 Pediatric Surgery

(H-N only;)
61727 001 ROT, 00:00-00:00 , , In Person Term Based; 4 cr.
62463 002 ROT, In Person Term Based; 4 cr.
62464 003 ROT, In Person Term Based; 4 cr.
62465 004 ROT, In Person Term Based; 4 cr.

8200 Clinical Surgical Problems in Management

(A-F or Audit; Prereq: Grad surg major)
61545 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)
61546 002 LEC, 00:00-00:00 , , In Person Term Based; 1 cr.

8202 Surgical Research

(S-N only; Prereq: Grad surg major)
61547 002 IND, 00:00-00:00 , , In Person Term Based; Gregory Beilman ; 3 cr.
61548 003 IND, 00:00-00:00 , , In Person Term Based; Gregory Beilman ; 3 cr.

8203 Surgery Complications and Research Conference

(S-N only; Prereq: Grad surg major)
61549 002 LEC, In Person Term Based; Gregory Beilman ; 1 cr.

8207 Transplantation Conference

(A-F or Audit; Prereq: Grad surg major)
61550 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)
61711 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)
61578 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
61587 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)
61596 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])
61609 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)
61620 001 IND, In Person Term Based; 1-24 cr.

8990 Topics in Pancreatology

(A-F only;)
68666 002 DIS, In Person Term Based; Gregory Beilman ; 1-4 cr.

Sustainability Studies (SUST)**3003 Sustainable People, Sustainable Planet**

(Student Option; Prereq: Soph or jr or srENV)
56633 001 LEC, 9:45-11:00 TTh, Rapson Hall 43, In Person Term Based; Kimberly Byrd ; 3 cr.

3017 Environmental Justice

(A-F only; DSJ)
67993 001 LEC, 9:45-11:00 MW, Carlson School of Mgmt
L-126, 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)
56630 001 LEC, 18:00-19:30 MW, McNeal Hall 316, In
Person Term Based; Amir Nadav, Elizabeth Turner ; 3 cr.

4096 Sustainability Internship

(A-F only; Prereq: Familiarity with sustainability
concepts through academic work or other experiences)
56884 001 DIS, 16:00-17:15 Th, Lind Hall 303, In Person
Term Based; Mary Hannemann ; 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)
56791 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)
56258 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)
56812 001 LEC, Completely Online; Chris Lenhart, Gary
Sands ; 3 cr.

**4418 Advanced Building Science:
Applications**

(A-F or Audit; Prereq: SSM 4414 or SSM 5414)
56819 001 LEC, 15:00-18:00 Th, Kaufert Laboratory 302, In
Person Term Based; Meets With: 001 SSM 5418; Patrick
Huelman ; 3 cr.

**4504W Sustainable Products Systems
Management**

(A-F only; Prereq: Jr or Sr or instr consentWI)
56545 001 LEC, 8:45-10:00 MW, McNeal Hall 310, 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)
56813 001 DIS, 14:15-17:15 W, Biosystems & Ag Eng Bldg
308, In Person Term Based; Omar Espinoza, Natalie Hunt ;
3 cr.

**5418 Advanced Building Science:
Applications**

(A-F or Audit; Prereq: SSM 4414 or SSM 5414)
56820 001 LEC, 15:00-18:00 Th, Kaufert Laboratory 302, In
Person Term Based; Meets With: 001 SSM 4418; Patrick
Huelman ; 3 cr.

**5504 Sustainable Products Systems
Management**

(A-F only;)
56549 001 LEC, 8:45-10:00 MW, McNeal Hall 310, 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)**

53656 001 LEC, 12:20-13:10 MTWThF, Blegen Hall 105,
In Person Term Based; Meets With: 001 SWAH 4222;
Angaluki Muaka ; 5 cr.

53666 002 LEC, 18:00-20:30 TTh, Blegen Hall 105, In
Person Term Based; Meets With: 002 SWAH 4222;
Angaluki Muaka ; 5 cr.

3226 Intermediate Swahili II

(Student Option; Prereq: 3225 or equiv)
54111 001 LEC, 14:30-15:20 MTWThF, Blegen Hall 205,
In Person Term Based; Meets With: 001 SWAH 4226;
Angaluki Muaka ; 5 cr.

**4222 Beginning Swahili for Graduate
Research II**

(Student Option;)
53678 001 LEC, 12:20-13:10 MTWThF, Blegen Hall 105,
In Person Term Based; Meets With: 001 SWAH 1222;
Angaluki Muaka ; 5 cr.

53679 002 LEC, 18:00-20:30 TTh, Blegen Hall 105, 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)
54023 001 LEC, 14:30-15:20 MTWThF, Blegen Hall 205,
In Person Term Based; Meets With: 001 SWAH 3226;
Angaluki Muaka ; 5 cr.

Swedish (SWED)**1002 Beginning Swedish**

(Student Option; Prereq: 1001)
52299 001 DIS, 11:15-12:05 MTWThF, Folwell Hall 104, In
Person Term Based; Meets With: 001 SWED 4002; Gun
Edberg-Caldwell ; 5 cr.

52648 002 DIS, 16:40-18:05 MTTh, Folwell Hall 31, In
Person Term Based; Meets With: 002 SWED 4002; Lena
Norrman ; 5 cr.

**1004 Intermediate Swedish
(Student Option; Prereq: 1003)**

54749 001 DIS, 13:25-14:15 MTWThF, Folwell Hall 16, In
Person Term Based; Meets With: 001 SWED 4004; Lena
Norrman ; 5 cr.

**4002 Beginning Swedish for Graduate
Research**

(Student Option;)
52645 001 DIS, 11:15-12:05 MTWThF, Folwell Hall 104, In
Person Term Based; Meets With: 001 SWED 1002; Gun
Edberg-Caldwell ; 5 cr.

52649 002 DIS, 16:40-18:05 MTTh, Folwell Hall 31, In
Person Term Based; Meets With: 002 SWED 1002; Lena
Norrman ; 5 cr.

**4004 Intermediate Swedish for Graduate
Research**

(Student Option;)
54750 001 DIS, 13:25-14:15 MTWThF, Folwell Hall 16, 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;)
56955 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)
56956 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)
53046 001 LEC, 13:25-15:20 M, Anderson Hall 250, In
Person Term Based; Meets With: 001 TH 1101W; Charles
Adams ; 3 cr.
53047 081 DIS, 13:25-15:20 W, Rarig Center 506 - Studio A,
In Person Term Based; Rye Gentleman ; 3 cr.

1101W Introduction to the Theatre

(Student Option; AH,WI)
52687 001 LEC, 13:25-15:20 M, Anderson Hall 250, In
Person Term Based; Meets With: 001 TH 1101V; Charles
Adams ; 3 cr.
52766 002 DIS, 13:25-15:20 W, Rarig Center 64, In Person
Term Based; 3 cr.
52767 003 DIS, 13:25-15:20 F, Rarig Center 45, In Person
Term Based; Elizabeth Rickard ; 3 cr.
52768 004 DIS, 13:25-15:20 F, Rarig Center 64, In Person
Term Based; Rye Gentleman ; 3 cr.

**1301 Acting/Non-Majors
(Student Option;)**

52688 001 LEC, 18:00-21:00 M, Rarig Center 10, In Person
Term Based; Robert Rosen ; 3 cr.
54864 002 LEC, 9:05-11:00 MW, Rarig Center 10, In Person
Term Based; Natalie Dollison ; 3 cr.

**1321 Beginning Acting: Fundamentals of
Performance**

(Student Option; Prereq: 1101 or concurrent
registration is required (or allowed) in 1101)
52270 002 LAB, 11:15-13:10 MW, Rarig Center 20, In
Person Term Based; Luverne Seifert ; 3 cr.
53178 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)
54162 001 LAB, 13:25-15:20 TTh, Rarig Center 90, In
Person Term Based; Kym Longhi ; 3 cr.
54163 002 LAB, 13:25-15:20 TTh, Rarig Center 506 - Studio
A, In Person Term Based; Robert Rosen ; 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)
55151 001 LAB, 11:00-17:00 Sa, Room TBA, In Person Term
Based; Deborah Pearson ; 1 cr.

1395 BFA Acting II

(A-F or Audit; Prereq: 1391)
53309 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)
53310 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)
53311 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 630,
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)
54046 001 LEC, 11:15-13:10 TTh, Rarig Center 210, In
Person Term Based; 3 cr.

2395 BFA Acting IV

(A-F or Audit; Prereq: BFA-Acting sophomore)
53323 001 LAB, 15:00-17:30 M, Room TBA, 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)
53312 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)
53313 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 ; 2 cr.

**3100 Theatre Practicum
(S-N or Audit;)**

52271 001 LAB, 13:25-15:20 MW, Room TBA, In Person Term Based; Christine Swartwout ; 1 cr.
 55530 007 LAB, 13:25-17:30 M, Room TBA, In Person Term Based; Christine Swartwout ; 1 cr.
 55531 008 LAB, 13:25-17:30 T, Room TBA, In Person Term Based; Christine Swartwout ; 1 cr.
 55532 009 LAB, 13:25-17:30 Th, Room TBA, In Person Term Based; Christine Swartwout ; 1 cr.
 55533 010 LAB, 13:25-17:30 F, Room TBA, In Person Term Based; Christine Swartwout ; 1 cr.
 55534 011 LAB, In Person Term Based; Christine Swartwout ; 1 cr.
 67059 002 LAB, 15:35-17:30 MW, Room TBA, In Person Term Based; Christine Swartwout ; 1 cr.
 67060 003 LAB, 13:25-15:20 TTh, Room TBA, In Person Term Based; Christine Swartwout ; 1 cr.
 67061 004 LAB, 15:35-17:30 TTh, Room TBA, In Person Term Based; Christine Swartwout ; 1 cr.
 67062 005 LAB, 13:25-15:20 WF, Room TBA, In Person Term Based; Christine Swartwout ; 1 cr.
 67063 006 LAB, 15:35-17:30 WF, Room TBA, In Person Term Based; Christine Swartwout ; 1 cr.
 68656 012 LAB, In Person Term Based; Christine Swartwout ; 1 cr.

3120 Theatre: Theory and Practice

(Student Option; Prereq: 1101)
 53179 001 LEC, 9:05-11:00 TTh, Rarig Center 90, In Person Term Based; Christian Bell ; 3 cr.

3152W Global Avant-Gardes: Theatre, Music, Modernity

(Student Option; HIS,WI)
 56135 001 LEC, 13:25-15:20 TTh, Blegen Hall 135, 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)
 53373 001 LEC, 11:15-13:10 TTh, Anderson Hall 370, In Person Term Based; Michal Kobialka ; 3 cr.

3316 Voice for the Actor

(A-F only; Prereq: 1101, 1321, 1322)
 67537 001 LAB, 9:05-11:00 TTh, Rarig Center 10, In Person Term Based; Keely Wolter ; 3 cr.

3322 Advanced Techniques for Characterization

(Student Option; Prereq: 3321)
 55535 001 LAB, 15:35-17:30 TTh, Rarig Center 90, In Person Term Based; Michelle O'Neill ; 3 cr.

3330 Physical Approaches to Acting

(Student Option; Prereq: 1322, [3314 or concurrent registration is required (or allowed) in 3314], audition, instr consent)
 53422 001 LAB, 9:05-11:00 MW, Rarig Center 90, In Person Term Based; Kym Longhi ; 3 cr.

3332 Circus Performance

(A-F only;)
 67872 001 LAB, 15:35-17:30 M, Rarig Center 506 - Studio A, In Person Term Based; 1 cr.

3365 Intermediate Musical Theatre

(A-F or Audit; Prereq: 3361 or instr consent)
 67265 001 LEC, 9:05-11:00 MW, Rarig Center 506 - Studio A, 9:05-11:00 MW, Rarig Center 20, In Person Term Based; Linda Lee, Dawn Baker ; 3 cr.

3370 BA Mentoring

(A-F only;)
 54741 001 LAB, 15:35-17:30 M, Rarig Center 90, In Person Term Based; Kym Longhi ; 1 cr.
 54742 002 LAB, 15:35-17:30 M, Blegen Hall 140, In Person Term Based; Lisa Channer ; 1 cr.

3395 BFA Intensive I

(A-F or Audit; Prereq: BFA-acting jr)
 53314 001 LAB, 13:25-17:30 TThF, Rarig Center 630, 14:30-17:00 M, Room TBA, In Person Term Based; Steve Cardamone, DArcy Smith ; 2 cr.

3398 BFA Rehearsal & Performance I

(A-F or Audit; Prereq: BFA-acting jr)
 53315 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)
 53316 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)
 55536 001 LEC, 13:25-15:20 TTh, Rarig Center 275, In Person Term Based; Matthew Lefebvre ; 3 cr.

3571 Introduction to Stage Technology

(A-F only; Prereq: 1501)
 54045 001 LEC, 11:15-13:10 MW, Room TBA, In Person Term Based; 3 cr.
 66134 002 LAB, 13:25-15:20 MW, Room TBA, In Person Term Based; 3 cr.
 67054 003 LAB, 15:35-17:30 MW, Room TBA, In Person Term Based; 3 cr.
 67055 004 LAB, 13:25-15:20 TTh, Room TBA, In Person Term Based; 3 cr.
 67056 005 LAB, 15:35-17:30 TTh, Room TBA, In Person Term Based; 3 cr.
 67057 006 LAB, 13:25-17:30 F, Room TBA, In Person Term Based; 3 cr.
 67058 007 LAB, In Person Term Based; 3 cr.

3950 Topics in Theatre

(Student Option;)
 67830 001 LEC, 8:15- 9:30 TTh, Rarig Center 630, In Person Term Based; Lucinda Holshue ; 1-4 cr.
 67831 002 LEC, 13:25-16:25 F, Rarig Center 90, 9:05-12:05 F, Rarig Center 90, In Person Term Based; Luverne Seifert ; 1-4 cr.

3993 Directed Study

(Student Option; Prereq: 6 Th cr, instr consent, dept consent, college consent)
 53367 001 IND, In Person Term Based; 1-6 cr.

4380 Creative Collaboration

(Student Option; Prereq: Audition, interview, instr consent)
 67832 001 LAB, 19:00-22:30 MTWThF, Room TBA, In Person Term Based; Talvin Wilks ; 1-3 cr.

4395 BFA Intensive III

(A-F or Audit; Prereq: BFA-acting sr)
 53317 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)
 53318 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)
 53319 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;)
 54172 001 LAB, 9:05-12:05 F, Rarig Center 64, In Person Term Based; Theresa Bundick ; 2 cr.

4711 Intermediate Stage Direction

(Student Option; Prereq: 1322 or instr consent)
 67536 001 LEC, 11:15-13:10 TTh, Rarig Center 90, In Person Term Based; Lisa Channer ; 3 cr.

4901 Capstone Project for Theater

(S-N or Audit; Prereq: Sr, [Th or Dnce major])
 53667 001 IND, 00:00-00:00 , , In Person Term Based; Lisa Channer, Nathan Stenberg ; 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])
 52312 001 IND, 00:00-00:00 , , In Person Term Based; Sonali Pahwa ; 2-4 cr.

5100 Theatre Practicum

(Student Option; Prereq: instr consent, dept consent; 4 cr or 3100 for undergrads)
 52272 001 FWK, 00:00-00:00 , , In Person Term Based; 1-4 cr.

5117 Performance and Social Change

(A-F or Audit; Prereq: Jr or sr or grad student)
 67501 001 LEC, 13:25-15:20 MW, Rarig Center 90, In Person Term Based; Sonja Kufinec ; 3 cr.

5182W Contemporary Black Theatre: 1960-Present

(Student Option; WI)

67067 001 LEC, 15:35-17:30 TTh, Carlson School of Mgmt 1-127, In Person Term Based; Talvin Wilks ; 3 cr.

5330 Comedy: Advanced Physical Performance Studio

(A-F only; Prereq: 3330, audition)
 54007 001 LAB, 11:15-13:10 MW, Rarig Center 90, In Person Term Based; Robert Rosen ; 3 cr.

5370 Hand, Mind, and Gesture: An Independent Study in the Creation of Image Driven Performance

(Student Option; Prereq: 5355, instr consent)
 67538 001 LAB, 13:25-16:25 F, Room TBA, In Person Term Based; Michael Sommers ; 3 cr.

5500 Theatre Design Practicum

(Student Option; Prereq: Th 3521, 3531, or 3541)
 52273 001 FWK, 00:00-00:00 , , In Person Term Based; 1-3 cr.

5520 Scene Design

(Student Option; Prereq: 3521)
 55541 001 LAB, 11:15-13:10 TTh, Rarig Center 275, In Person Term Based; Chelsea Masteller Warren ; 3 cr.

5554 Multimedia Production for Live Performance

(Student Option; Prereq: 5553 or instr consent)
 67065 001 LEC, 11:15-13:10 MW, Rarig Center 210, In Person Term Based; Montana Johnson ; 3 cr.

5556 Audio Engineering

(Student Option; Prereq: 4555, instr consent)
 67066 001 LEC, 18:30-21:30 MW, Rarig Center Studio B, In Person Term Based; Montana Johnson ; 3 cr.

5559 Sound Design for Performance

(Student Option; Prereq: 4555 or instr consent)
 67064 001 DIS, 9:05-11:00 MW, Rarig Center 210, In Person Term Based; Montana Johnson ; 3 cr.

5570 Properties/Scenery Technology

(Student Option; Prereq: 3515 or grad or instr consent)
 55300 001 FWK, 9:05-11:00 TTh, Rarig Center 275, In Person Term Based; 1-3 cr.

5580 Costume Technology

(Student Option; Prereq: 3571 or grad or instr consent)
 67869 001 LEC, 18:30-21:30 MW, Rarig Center 64, In Person Term Based; Andrea Moriarity ; 3 cr.
 67870 002 LEC, 10:10-12:05 TTh, Rarig Center 230, In Person Term Based; Susan Binder-Pettigrew ; 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])
 54838 001 FWK, 00:00-00:00 , , In Person Term Based; Christine Swartwout ; 2 cr.

5950 Topics in Theatre

(Student Option;)
 67871 001 LEC, 15:35-17:30 TTh, Rarig Center 506 - Studio A, In Person Term Based; Kym Longhi ; 1-4 cr.

5993 Directed Study

(Student Option; Prereq: 6 Th cr, instr consent, dept consent, college consent.)
 52274 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

8100 Theatre Practicum

(Student Option; Prereq: instr consent, dept consent)
 52275 001 FWK, 00:00-00:00 , , In Person Term Based; 1-4 cr.

8112 History and Theory of Western Theatre: Medieval Through Renaissance

(Student Option;)
 67454 001 LEC, 13:30-16:30 Th, Rarig Center 550B, In Person Term Based; Sonja Kufinec ; 3 cr.

8120 Seminar

(Student Option;)
 54822 001 LEC, 9:05-12:05 F, Rarig Center 550B, In Person Term Based; Margaret Werry ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
 52808 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
52830 001 IND, In Person Term Based; 1 cr.

8500 Theatre Design Practicum

(Student Option; Prereq: instr consent, dept consent)
52276 001 FWK, 00:00-00:00 , , In Person Term Based; 1-3 cr.

8510 Professional Design Workshop

(A-F only; Prereq: MFA candidate)
54740 001 DIS, 10:10-12:05 F, Rarig Center 275, In Person Term Based; Chelsea Masteller Warren ; 1-3 cr.

8590 Theatre Technology Practicum

(Student Option; Prereq: instr consent, dept consent)
52277 001 FWK, 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)
52854 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])
52890 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)
52904 001 IND, In Person Term Based; 1-24 cr.

8950 Topics in Theatre

(Student Option;)
67717 001 LEC, 15:00-17:00 F, , In Person Term Based; Margaret Werry ; 1-4 cr.
68715 002 LEC, In Person Term Based; Marcus Dilliard ; 1-4 cr.

8980 Internship

(Student Option; Prereq: instr consent, dept consent)
52279 001 FWK, 00:00-00:00 , , In Person Term Based; 1-5 cr.

8990 MFA Creative Thesis

(Student Option; Prereq: instr consent, dept consent)
52278 001 IND, 00:00-00:00 , , In Person Term Based; 3-4 cr.

8994 Directed Research

(Student Option; Prereq: instr consent, dept consent)
52280 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

Therapeutic Radiology (TRAD)**7505 Introduction to Radiation Oncology**

(H-N only;)
61669 022 ROT, 00:00-00:00 , , In Person Term Based; Chung Lee ; 2 cr.
62034 012 ROT, In Person Term Based; 2 cr.
62035 021 ROT, In Person Term Based; 2 cr.
62036 011 ROT, In Person Term Based; 2 cr.
62037 031 ROT, In Person Term Based; 2 cr.
62038 032 ROT, In Person Term Based; 2 cr.
62476 041 ROT, In Person Term Based; 2 cr.
62477 042 ROT, In Person Term Based; 2 cr.

7507 Advanced Radiation Oncology

(H-N only;)
62039 001 ROT, In Person Term Based; 4 cr.
62466 002 ROT, In Person Term Based; 4 cr.
62467 003 ROT, In Person Term Based; 4 cr.
62468 004 ROT, In Person Term Based; 4 cr.

7510 Radiation Oncology Research

(H-N only;)
62040 099 IND, In Person Term Based; 8 cr.

Toxicology (TXCL)**8012 Advanced Toxicology I**

(A-F or Audit; Prereq: 5011 or BioC 4331, PubH 5104 or instr consent)
45334 001 LEC, In Person Term Based; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
45322 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
45324 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)
45326 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])
45328 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)
45330 001 IND, In Person Term Based; 1-24 cr.

Translation and Interpreting (TRIN)**900 Special Education for Interpreters**

(S-N only;)
67767 301 LEC, Completely Online; Meets With: 301 TRIN 1901; Betty Tapias-Heinrich ; 0 cr.

1901 Special Education Terms and Concepts for Interpreters

(Student Option;)
67766 301 LEC, Completely Online; Meets With: 301 TRIN 900; Betty Tapias-Heinrich ; 3 cr.

3002 Intermediate Translation

(Student Option; Prereq: 3001)
63783 001 LEC, 18:10-21:00 T, Bruininks Hal 121, In Person Term Based; Claudia Giannini ; 3 cr.

3101 Introduction to Interpreting

(Student Option; Prereq: high level of proficiency in spoken English and another language; 3001 recommended)
63573 001 LEC, 18:10-21:00 M, Amundson Hall 156, In Person Term Based; Scott Homler ; 3 cr.

3102 Consecutive Interpreting

(Student Option; Prereq: 3101, high level of proficiency in [spoken English, another language])
63533 001 LEC, 18:10-21:00 W, Amundson Hall 156, In Person Term Based; Scott Homler ; 3 cr.

4201 Interpreting in Health Care Settings

(A-F or Audit; Prereq: 1201, 3102)
63567 001 LEC, 18:10-21:00 Th, Ford Hall 127, In Person Term Based; 3 cr.

4301 Interpreting in Legal Settings

(A-F or Audit; Prereq: 1301, 3102)
63781 001 LEC, 18:10-21:00 M, Bruininks Hall 117, In Person Term Based; Nancy Stone ; 3 cr.

5993 Directed Study

(Student Option;)
63560 001 IND, 00:00-00:00 , , In Person Term Based; Scott Homler ; 1-3 cr.

University College (UC)**3201 Web Designer Introduction**

(Student Option;)
63559 001 LEC, 17:00-21:00 T, Bruininks Hall 530B, In Person Term Based; David Husom ; 4 cr.
63563 002 LEC, 17:00-21:00 W, Bruininks Hall 530B, In Person Term Based; David Husom ; 4 cr.

4301 Perspectives: Interrelationships of People and Animals in Society Today

(Student Option;)
63532 001 LEC, 00:00-00:00 , , In Person Term Based; Vicki Wilke ; 2 cr.

5075 Directed Study

(Student Option;)
63757 001 LEC, Independent/Directed Study; David Husom ; 1-8 cr.
63758 002 LEC, Independent/Directed Study; David Husom ; 1-8 cr.
63759 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)
53414 001 LEC, 16:15-17:30 MW, Blegen Hall 5, 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)
54415 001 LEC, 16:15-17:30 MW, Blegen Hall 5, In Person Term Based; Meets With: 001 URBS 1001W; Mark Brinda ; 3 cr.

3202 Urban Studies Colloquium

(A-F or Audit;)
67834 002 DIS, 18:00-20:00 Th, Blegen Hall 430, In Person Term Based; Matthew Dreier ; 1 cr.
67835 001 DIS, 17:00-19:00 T, Anderson Hall 150, In Person Term Based; Andrew Dahl ; 1 cr.
67878 003 DIS, 17:30-19:30 Th, Blegen Hall 430, In Person Term Based; 1 cr.

3500 Urban Studies Workshop

(A-F or Audit; Prereq: instr consent)
67879 001 FWK, 15:00-17:30 W, Blegen Hall 235, In Person Term Based; Kelly Hoffman, Erin Jerabek ; 3 cr.
67880 002 FWK, 18:00-20:30 W, Blegen Hall 225, In Person Term Based; Jonathan Stanley ; 3 cr.

3751 Understanding the Urban Environment

(A-F or Audit; ENV)
52377 001 LEC, 13:00-14:15 TT, Hanson Hall 1-111, In Person Term Based; Paula Pentel ; 3 cr.

3771 Fundamentals of Transit

(A-F only;)
53419 001 LEC, 12:20-15:20 F, Blegen Hall 110, In Person Term Based; Francis Loetterle ; 3 cr.

3861 Financing Cities

(A-F only;)
55810 001 LEC, 17:30-20:30 M, Blegen Hall 115, In Person Term Based; Carol Becker ; 3 cr.

3896 Urban Studies Internship Seminar

(A-F or Audit; Prereq: Sr, internship placement, dept consent, instr consent)
54186 001 FWK, 13:30-15:00 M, Blegen Hall 135, Partially Online; Paula Pentel ; 2 cr.

3955W Senior Paper Seminar

(A-F or Audit; Prereq: dept consent WI)
52378 001 LEC, 9:00-11:00 F, Hubert H. Humphrey School 30, In Person Term Based; Paula Pentel ; 2 cr.

3993 Urban Studies Directed Study

(Student Option; Prereq UrbS majors, instr consent, dept consent.)
52381 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

Urdu (URDU)**1012 Beginning Urdu II**

(Student Option No Audit;)
66647 001 LEC, 13:25-14:15 MTWThF, Amundson Hall 104, In Person Term Based; Meets With: 001 URDU 4002; Meraj Ahmed ; 5 cr.

3016 Accelerated Intermediate Urdu

(Student Option No Audit;)
67305 001 LEC, 15:35-16:25 MTWThF, Folwell Hall 120, In Person Term Based; Meets With: 001 URDU 4016; Meraj Ahmed ; 5 cr.

3022 Intermediate Urdu II

(Student Option No Audit;)

66649 001 LEC, 12:20-13:10 MTWThF, Amundson Hall 104, In Person Term Based; Meets With: 001 URDU 4004; Meraj Ahmed ; 5 cr.

4002 Beginning Urdu II for Graduate

Student Research
(Student Option No Audit;)

66648 001 LEC, 13:25-14:15 MTWThF, Amundson Hall 104, In Person Term Based; Meets With: 001 URDU 1012; Meraj Ahmed ; 5 cr.

4004 Intermediate Urdu II for Graduate

Student Research
(Student Option No Audit;)

66650 001 LEC, 12:20-13:10 MTWThF, Amundson Hall 104, In Person Term Based; Meets With: 001 URDU 3022; Meraj Ahmed ; 5 cr.

4016 Accelerated Intermediate Urdu for Graduate Research

(Student Option No Audit;)

68571 001 LEC, 15:35-16:25 MTWThF, Folwell Hall 120, In Person Term Based; Meets With: 001 URDU 3016; Meraj Ahmed ; 5 cr.

Urologic Surgery (UROL)

7200 Surgical Specialty: Urology

(P-N only;)

61524 042 ROT, In Person Term Based; 2 cr.
61525 011 ROT, In Person Term Based; 2 cr.
61526 012 ROT, In Person Term Based; 2 cr.
61527 021 ROT, In Person Term Based; 2 cr.
61528 022 ROT, In Person Term Based; 2 cr.
61529 031 ROT, In Person Term Based; 2 cr.
61530 032 ROT, In Person Term Based; 2 cr.
61531 041 ROT, In Person Term Based; 2 cr.

7252 Urological Conference

(No Grade Associated;)

61646 001 LEC, In Person Term Based; 3 cr.

7253 Research in Urology

(No Grade Associated;)

61832 001 LEC, In Person Term Based; 3 cr.

7400 Surgical Specialty: Urology Elective

(H-N or Audit;)

61774 001 FWK, In Person Term Based; 2-4 cr.

7500 Advanced Urological Surgery

(H-N only;)

61728 001 ROT, In Person Term Based; 4 cr.
62469 002 ROT, In Person Term Based; 4 cr.
62470 003 ROT, In Person Term Based; 4 cr.
62471 004 ROT, In Person Term Based; 4 cr.

7503 Urologic Research

(H-N only;)

61981 099 IND, In Person Term Based; 4-10 cr.

8254 Urological Seminar

(Student Option;)

61647 001 LEC, In Person Term Based; 2 cr.

Veterinary & Biomedical Sci (VBS)

2032 General Microbiology With Laboratory

(A-F only; Prereq: One semester each of college chemistry, biology)

45314 001 LEC, 9:35-10:25 MW, Ruttan Hall B45, Partially Online; Patricia Goodman-Mamula, Dawn Foster Hartnett ; 5 cr.
45315 002 LAB, 9:00-11:00 TTh, Veterinary Science 325, In Person Term Based; Dawn Foster Hartnett, Patricia Goodman-Mamula ; 5 cr.
45335 003 LAB, 11:30-13:30 TTh, Veterinary Science 325, In Person Term Based; Patricia Goodman-Mamula, Dawn Foster Hartnett ; 5 cr.
45339 004 LAB, 10:45-12:45 MW, Veterinary Science 325, In Person Term Based; Dawn Foster Hartnett, Patricia Goodman-Mamula ; 5 cr.
67728 005 LEC, Completely Online; Dawn Foster Hartnett, Patricia Goodman-Mamula ; 5 cr.
68330 006 LAB, 14:00-16:00 TTh, Veterinary Science 325, Partially Online; Dawn Foster Hartnett, Patricia Goodman-Mamula ; 5 cr.

2100 Companion Animal Anatomy

(A-F only; Prereq: General Biology (e.g., BIOL 1009) is recommended)

45364 001 LEC, 10:40-11:30 MW, Haecker Hall 205, In Person Term Based; Christina Clarkson ; 3 cr.
45365 002 LAB, 13:55-15:50 F, Animal Science / Vet Med 40, In Person Term Based; Christina Clarkson ; 3 cr.

Veterinary Clinical Sciences (VCS)

2101 Topics

(A-F only;)

68702 001 DIS, 13:25-14:15 MWF, , In Person Term Based; Jaime Modiano ; 1-8 cr.

4606 Small Animal Management

(A-F or Audit;)

45338 001 LEC, Completely Online; 3 cr.
45477 002 DIS, Completely Online; Kristy Lashbaugh ; 3 cr.

Veterinary Medicine (CVM)

6000 Gopher Orientation and Leadership

Experience

(S-N only; Prereq: Admission to veterinary program)

45397 001 DIS, 8:00-10:00 W, Animal Science / Vet Med 125, 13:00-15:00 M, Animal Science / Vet Med 125, 8:00-10:00 M, Animal Science / Vet Med 125, 13:30-15:30 M, Animal Science / Vet Med 125, In Person Term Based; Julie Churchill ; 2 cr.

6001 Global and Intercultural Opportunities

(S-N only;)

45229 001 LEC, 00:00-00:00 , , In Person Term Based; Dominic Travis ; 0.5 cr.

6007 Global Perspectives and Intercultural Development

(S-N only;)

67382 001 LEC, 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, 12:00-12:50 Th, Animal Science / Vet Med 125, In Person Term Based; Karin Hamilton, ; 0.5 cr.

6222 Advanced Clinical Epidemiology

(A-F only;)

67403 001 LEC, 14:00-16:00 M, Animal Science / Vet Med 135, 14:00-14:50 M, Animal Science / Vet Med 135, 15:00-17:00 W, Animal Science / Vet Med 135, 11:00-11:50 Th, Animal Science / Vet Med 135, 16:00-16:50 W, Animal Science / Vet Med 135, 15:00-17:00 W, Animal Science / Vet Med 135, 15:00-17:00 F, Animal Science / Vet Med 135, 15:00-15:50 W, Animal Science / Vet Med 135, 13:00-15:00 W, Animal Science / Vet Med 135, 13:00-15:00 F, Animal Science / Vet Med 135, In Person Term Based; Kimberly VanderWaal, ; 1 cr.

6308 Lab Animal Medicine

(A-F only;)

67081 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christine Sivula ; 2 cr.

6312 Veterinary Dental Rotation (SDen)

(A-F only; Prereq: DVM 3rd or 4th yr student or instr consent)

45039 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
45266 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
45514 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
45516 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
45545 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
45547 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
45548 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
45550 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
45551 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt ; 2 cr.
67185 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Stephanie Goldschmidt, Charles Lothamer ; 2 cr.

6502 Necropsy

(S-N only; Prereq: DVM 3rd or 4th yr or instr consent)

45212 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Arno Wuenschmann ; 2 cr.
67182 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Arno Wuenschmann ; 2 cr.

6505 Topics course

(S-N only;)

67276 001 LEC, In Person Term Based; Laura Molgaard ; 0-8 cr.
67277 002 LEC, In Person Term Based; Laura Molgaard ; 0-8 cr.
67278 003 LEC, In Person Term Based; Laura Molgaard ; 0-8 cr.
67279 004 LEC, In Person Term Based; Laura Molgaard ; 0-8 cr.
67280 005 LEC, 8:00-10:00 M, Ben Pomeroy Ctr 215, 10:00-12:00 TW, Ben Pomeroy Ctr 215, 8:00- 8:50 W, Ben Pomeroy Ctr 215, 9:00-12:00 W, No Room Required, 8:00-10:00 W, Ben Pomeroy Ctr 215, 10:00-12:00 TWF, Ben Pomeroy Ctr 215, 8:00-10:00 TF, Ben Pomeroy Ctr 215, 8:00-10:00 T, Ben Pomeroy Ctr 215, 9:00-12:00 M, No Room Required, In Person Term Based; Julie Churchill, ; 0-8 cr.
67281 006 LEC, In Person Term Based; 0-8 cr.
68862 007 LEC, In Person Term Based; Laura Molgaard, Darlene Toedter ; 0-8 cr.

6506 Directed Studies in Large Animal Medicine (DistL)

(S-N or Audit; Prereq: DVM 4th yr or instr consent)

45163 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
45164 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
45165 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
45166 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
45168 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
45169 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
45170 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
45224 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
67100 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)

45225 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
67103 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)

45222 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
67094 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)

45223 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.
67099 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)

45219 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Larissa Minicucci ; 1-3 cr.
67147 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Larissa Minicucci ; 1-3 cr.

6512 Zoo and Wildlife Rounds

(S-N or Audit;)

45383 001 DIS, 18:00-20:00 W, No Room Required, 18:00-20:00 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)

45226 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 1-2 cr.

45038 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kelly Tart ; 2 cr.
67091 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)

45083 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sheila Torres ; 2 cr.
45084 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sheila Torres ; 2 cr.
45085 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sheila Torres ; 2 cr.
45269 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sheila Torres ; 2 cr.
45480 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sheila Torres ; 2 cr.
45481 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sheila Torres ; 2 cr.
67089 002 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)

45020 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; 2 cr.
45022 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; 2 cr.
45024 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; 2 cr.
45026 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; 2 cr.
45028 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; 2 cr.

6636 Cardiology

(Student Option; Prereq: DVM 4th yr or CVM grad or instr consent)

45067 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
45068 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
45069 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
45070 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
45071 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
45072 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
45073 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
45074 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.
67090 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christopher Stauthammer ; 2 cr.

6644 Primary Care A

(Student Option;)

45075 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45076 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45077 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45078 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45079 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45080 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45081 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45082 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45291 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
67223 002 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)

45061 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
45062 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
45063 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
45064 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
45065 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.

45066 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
45267 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
45268 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
45412 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.
67087 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Brian Husbands ; 2 cr.

6649 Primary Care B

(A-F only;)

45484 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45485 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45486 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45487 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45488 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45489 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45490 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45491 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
45492 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kara Carmody ; 2 cr.
67224 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)

45046 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
45047 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
45048 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
45049 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
45050 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
67153 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)

45217 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Alistair Mc Vey ; 2 cr.
45218 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Alistair Mc Vey ; 2 cr.
67154 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)

45279 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
45280 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
45281 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
45282 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
45283 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
45284 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
45285 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
45286 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
45287 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Daniel Carvalho de Almeida ; 2 cr.
67083 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)

45295 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.
45296 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.
45297 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.
45299 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.
45300 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.

45301 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.
45302 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.
45535 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Liz Pluhar ; 2 cr.
67187 002 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)

45288 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sara Herrlinger ; 2 cr.
45289 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sara Herrlinger ; 2 cr.
45290 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sara Herrlinger ; 2 cr.
45410 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sara Herrlinger ; 2 cr.
45411 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sara Herrlinger ; 2 cr.
45424 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sara Herrlinger ; 2 cr.
67162 002 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;)

45313 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Sandra Allweiler ; 2 cr.
67167 002 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)

45040 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
45041 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
45042 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
45043 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
45044 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
45045 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
45526 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
67151 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)

45292 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Kari Anderson ; 2 cr.
45293 027 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)

45232 020 LEC, 8:00-17:00 F, Animal Science / Vet Med 135, 8:00-17:00 Th, Animal Science / Vet Med 135, In Person Term Based; Keum Hwa Choi, Joe Maple, Darlene Toedter ; 1 cr.

6691 Veterinary Acupuncture (AcPunct)

(Student Option; Prereq: [6690, [yr 3 or 4 DVM]] or instr consent)

45095 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Keum Hwa Choi ; 2 cr.
45096 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Keum Hwa Choi ; 2 cr.
45097 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Keum Hwa Choi ; 2 cr.
45221 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Keum Hwa Choi ; 2 cr.
45423 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Keum Hwa Choi ; 2 cr.
67192 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)

45216 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Christie Ward ; 2 cr.
67149 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;)

6914 Preventive Medicine

(A-F only ;)
45382 001 LEC, 9:00-10:00 Th, Animal Science / Vet Med 125, 13:00-14:00 W, Animal Science / Vet Med 125, In Person Term Based; Margaret Root Kustritz ; 5 cr.

6926 Small Animal Medicine II

(A-F only ;)
45399 001 LEC, 10:00-12:00 M, Animal Science / Vet Med 135, 13:00-15:00 TWTh, Animal Science / Vet Med 135, 10:00-12:00 MTWTh, Animal Science / Vet Med 135, 10:00-12:00 TW, Animal Science / Vet Med 135, 10:00-12:00 MF, Animal Science / Vet Med 135, 8:00-10:00 W, Animal Science / Vet Med 135, 10:00-12:00 W, Animal Science / Vet Med 135, 10:00-12:00 TWF, Animal Science / Vet Med 135, 13:00-14:00 T, Animal Science / Vet Med 135, 8:00-10:00 F, Animal Science / Vet Med 135, 10:00-12:00 W, No Room Required, 8:00-10:00 F, Animal Science / Vet Med 135, 10:00-12:00 M, , 8:00-10:00 M, Animal Science / Vet Med 135, 13:00-15:00 T, Animal Science / Vet Med 135, 10:00-12:00 WFM, Animal Science / Vet Med 135, 10:00-12:00 MTTh, Animal Science / Vet Med 135, 10:00-12:00 TWTh, Animal Science / Vet Med 135, 13:00-15:00 T, No Room Required, 8:00-10:00 MT, Animal Science / Vet Med 135, 8:00-9:00 W, Animal Science / Vet Med 135, 8:00-10:00 MW, Animal Science / Vet Med 135, 13:00-17:00 W, No Room Required, 8:00-12:00 F, No Room Required, 13:00-15:00 F, No Room Required, In Person Term Based; Jody Lulich ; 5 cr.

6927 Small Animal Surgery I

(A-F only ;)
45403 001 LEC, 8:00-10:00 MT, Animal Science / Vet Med 135, 10:00-10:50 T, Animal Science / Vet Med 135, 8:00-12:00 WTh, No Room Required, 8:00-8:50 M, Animal Science / Vet Med 135, 13:00-17:00 MWTh, Animal Science / Vet Med 135, 8:00-10:00 T, Animal Science / Vet Med 135, 13:00-17:00 WTh, No Room Required, 10:00-12:00 F, Animal Science / Vet Med 135, 8:00-10:00 MT, Animal Science / Vet Med 135, 8:00-17:00 Th, No Room Required, 8:00-10:00 M, Animal Science / Vet Med 135, 8:00-9:00 Th, Animal Science / Vet Med 135, 8:00-10:00 T, Animal Science / Vet Med 135, 13:00-15:00 TW, Animal Science / Vet Med 135, 9:00-12:00 W, No Room Required, 13:00-16:00 Th, No Room Required, 8:00-10:00 Th, Animal Science / Vet Med 135, 10:00-12:00 M, Animal Science / Vet Med 135, 13:00-15:00 W, Animal Science / Vet Med 135, 9:00-12:00 W, No Room Required, 13:00-17:00 Th, Animal Science / Vet Med 135, 10:00-12:00 MTh, Animal Science / Vet Med 135, In Person Term Based; Michael Conzemius ; 3 cr.

6928 Large Animal Medicine I

(A-F only ;)
45404 001 LEC, 13:00-16:00 TThW, , 13:00-15:00 ThTMFW, , 8:00-10:00 MT, , 15:00-17:00 WThF, , 15:00-15:50 W, , 15:00-16:00 TW, , In Person Term Based; Christie Ward ; 2 cr.

6929 Large Animal Surgery I

(A-F only ;)
45405 001 LEC, 13:00-15:00 T, Animal Science / Vet Med 135, 13:00-15:00 F, Animal Science / Vet Med 135, 13:00-15:00 T, , 13:00-14:00 M, Animal Science / Vet Med 135, 13:00-15:00 T, Animal Science / Vet Med 135, 10:00-12:00 M, Animal Science / Vet Med 135, 8:00-8:50 M, Animal Science / Vet Med 135, 10:00-12:00 MF, Animal Science / Vet Med 135, 13:00-14:00 M, Animal Science / Vet Med 135, 13:00-15:00 W, Animal Science / Vet Med 135, 10:00-12:00 T, Animal Science / Vet Med 135, 11:00-11:50 W, Animal Science / Vet Med 135, 15:00-16:00 M, Animal Science / Vet Med 135, 14:00-16:00 F, Animal Science / Vet Med 135, 9:00-11:00 F, Animal Science / Vet Med 135, 13:30-16:30 W, Animal Science / Vet Med 135, 10:00-12:00 T, No Room Required, 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)
67397 001 LEC, 13:00-15:00 F, Animal Science / Vet Med 125, 13:00-15:00 M, No Room Required, 13:00-15:00 W, No Room Required, 13:00-15:00 F, No Room Required, 13:00-16:00 F, No Room Required, 10:00-12:00 F, No Room Required, 13:00-15:00 F, No Room Required, 8:00-10:00 M, Animal Science / Vet Med 125, In Person Term Based; Ava Trent ; 2 cr.

6935 Veterinary Imaging I

(A-F only ;)
45400 001 LEC, 13:00-14:00 MF, Animal Science / Vet Med 135, 15:00-15:50 T, Animal Science / Vet Med 135, 13:00-16:00 WTh, No Room Required, 13:00-15:00 Th,

Animal Science / Vet Med 135, 15:00-15:50 Th, No Room Required, 13:00-14:00 MF, Animal Science / Vet Med 135, 13:00-16:00 ThF, No Room Required, 15:00-17:00 MW, Animal Science / Vet Med 135, 13:00-16:00 ThF, No Room Required, 13:00-15:00 M, Animal Science / Vet Med 135, 14:00-14:50 T, Animal Science / Vet Med 135, 9:00-12:00 ThF, No Room Required, 15:00-15:50 W, Animal Science / Vet Med 135, 10:00-12:00 F, Animal Science / Vet Med 135, 13:00-16:00 M, Animal Science / Vet Med 135, 9:00-12:00 W, No Room Required, 13:00-16:00 Th, No Room Required, 11:00-11:50 F, Animal Science / Vet Med 135, 13:00-15:00 F, Animal Science / Vet Med 135, 13:00-16:00 ThF, No Room Required, 13:00-16:00 M, Animal Science / Vet Med 135, 13:00-15:00 T, Animal Science / Vet Med 135, 9:00-12:00 W, No Room Required, 14:00-17:00 Th, No Room Required, 13:00-14:50 M, Animal Science / Vet Med 135, 11:00-11:50 T, Animal Science / Vet Med 135, 13:00-16:00 Th, No Room Required, 9:00-12:00 F, No Room Required, 13:30-14:20 M, , 13:00-16:00 W, Animal Science / Vet Med 135, In Person Term Based; Kari Anderson ; 4 cr.

6936 Microscopic Anatomy II

(A-F only ;)
67394 001 LAB, 9:00-12:00 T, Animal Science / Vet Med 125, 9:00-12:00 T, Animal Science / Vet Med 125, 9:00-12:00 T, Animal Science / Vet Med 125, 9:00-12:00 F, Animal Science / Vet Med 125, 9:00-12:00 TWTh, Animal Science / Vet Med 125, 9:00-12:00 TW, Animal Science / Vet Med 125, 9:00-12:00 TF, Animal Science / Vet Med 125, 9:00-12:00 W, Animal Science / Vet Med 125, 9:00-12:00 MWTh, Animal Science / Vet Med 125, 9:00-12:00 W, Animal Science / Vet Med 125, In Person Term Based; John Collister ; 2 cr.

6937 Pharmacology II

(A-F only ;)
45398 001 LEC, 15:00-17:00 WTh, Animal Science / Vet Med 135, 13:00-15:00 T, Animal Science / Vet Med 135, 10:00-12:00 MT, Animal Science / Vet Med 135, 13:30-15:20 W, Animal Science / Vet Med 135, 10:00-12:00 Th, Animal Science / Vet Med 135, 13:00-15:00 WF, Animal Science / Vet Med 135, 13:00-15:00 MTW, Animal Science / Vet Med 135, 8:00-10:00 F, Animal Science / Vet Med 135, 13:00-13:50 F, , 13:00-14:00 F, Animal Science / Vet Med 135, In Person Term Based; David Brown, Joe Maple, ; 2 cr.

6938 Professional Development III

(S-N only ;)
45406 001 LEC, 8:00-10:00 ThWM, , 10:00-12:00 TFW, , 15:00-17:00 ThW, , In Person Term Based; Jeffrey Todd ; 1 cr.

6941 Clinical Skills IV

(S-N only ;)
45408 001 LEC, 14:00-14:50 M, Animal Science / Vet Med 135, 15:00-17:00 T, No Room Required, 15:00-16:00 F, Animal Science / Vet Med 135, 8:00-10:00 T, Animal Science / Vet Med 135, 15:00-17:00 T, Animal Science / Vet Med 135, 14:00-17:00 M, No Room Required, 13:00-17:00 W, No Room Required, 10:00-12:00 W, Animal Science / Vet Med 135, 13:00-15:00 F, Animal Science / Vet Med 135, 15:00-17:00 M, Animal Science / Vet Med 135, 15:00-17:00 MW, No Room Required, 8:00-17:00 Th, No Room Required, 15:00-17:00 F, Animal Science / Vet Med 135, 13:00-15:00 ThF, No Room Required, 8:00-17:00 Th, No Room Required, 15:00-17:00 W, No Room Required, 13:00-15:00 Th, Animal Science / Vet Med 135, 8:00-17:00 M, No Room Required, 13:00-17:00 MWTh, No Room Required, 13:00-17:00 MF, No Room Required, 8:00-17:00 T, No Room Required, In Person Term Based; Anna Firshman, Justine Boschee ; 2 cr.

6942 Veterinary Clinical Pathology II

(A-F only ;)
45401 001 LEC, 11:00-11:50 T, Animal Science / Vet Med 135, 10:00-12:00 F, Animal Science / Vet Med 135, 8:00-10:00 Th, Animal Science / Vet Med 135, 10:00-12:00 TTh, Animal Science / Vet Med 135, 9:00-9:50 T, Animal Science / Vet Med 135, 8:00-10:00 Th, No Room Required, 8:00-10:00 TTh, Animal Science / Vet Med 135, 8:00-10:00 TW, Animal Science / Vet Med 135, 9:00-11:00 Th, Animal Science / Vet Med 135, 8:00-9:50 M, , 8:00-10:00 W, Animal Science / Vet Med 135, 8:00-10:00 T, Animal Science / Vet Med 135, 8:00-10:00 Th, Animal Science / Vet Med 135, 10:00-11:00 T, Animal Science / Vet Med 135, 10:00-12:00 MTW, Animal Science / Vet Med 135, In Person Term Based; Daniel Heinrich ; 3 cr.

6943 Avian Core

(A-F only ;)
45402 001 LEC, 8:00-17:00 MTWThF, Animal Science / Vet Med 135, In Person Term Based; Michelle Willette, Robert Porter ; 2 cr.

6945 Large Animal Medicine II

(A-F only ;)
67400 001 LEC, 9:00-9:50 M, Animal Science / Vet Med 135, 10:00-12:00 F, Animal Science / Vet Med 135, 13:00-15:00 W, Animal Science / Vet Med 135, 14:00-16:00 F, No Room Required, 13:00-15:00 MTW, Animal Science / Vet Med 135, 9:00-9:50 M, Animal Science / Vet Med 135, 10:00-12:00 M, Animal Science / Vet Med 135, 13:00-15:00 WF, Animal Science / Vet Med 135, 14:00-16:00 M, Animal Science / Vet Med 135, 13:00-15:00 T, Animal Science / Vet Med 135, 8:00-10:00 W, Animal Science / Vet Med 135, 13:00-15:00 M, Animal Science / Vet Med 135, 10:00-10:50 W, Animal Science / Vet Med 135, 15:00-17:00 F, Animal Science / Vet Med 135, 10:00-12:00 Th, Animal Science / Vet Med 135, 8:00-10:00 T, Animal Science / Vet Med 135, 15:00-17:00 W, No Room Required, 10:00-12:00 Th, No Room Required, 8:00-10:00 T, No Room Required, 10:00-12:00 W, No Room Required, 8:00-10:00 WF, No Room Required, 10:00-12:00 M, No Room Required, 8:00-10:00 Th, No Room Required, 13:00-17:00 F, Ben Pomeroy Ctr 215, 10:00-12:00 W, No Room Required, 10:00-12:00 Th, Ben Pomeroy Ctr 215, 13:00-15:00 Th, Ben Pomeroy Ctr 215, 13:00-15:00 T, Ben Pomeroy Ctr 215, 9:00-9:50 Th, Ben Pomeroy Ctr 215, In Person Term Based; Kelly Tart ; 3 cr.

6956 Small Animal Selective I

(A-F only ;)
67383 011 LEC, 8:00-12:00 Th, Ben Pomeroy Ctr 215, 9:00-9:50 M, Ben Pomeroy Ctr 215, 10:00-12:00 M, No Room Required, 13:00-13:50 M, Ben Pomeroy Ctr 215, 14:00-16:00 M, No Room Required, 10:00-12:00 MF, No Room Required, 8:00-10:00 T, No Room Required, 10:00-12:00 W, No Room Required, 8:00-10:00 WF, No Room Required, 10:00-12:00 M, No Room Required, 8:00-10:00 Th, No Room Required, 10:00-12:00 F, Ben Pomeroy Ctr 215, 10:00-12:00 W, No Room Required, 10:00-12:00 Th, Ben Pomeroy Ctr 215, 13:00-15:00 Th, Ben Pomeroy Ctr 215, 13:00-15:00 T, Ben Pomeroy Ctr 215, 9:00-9:50 Th, Ben Pomeroy Ctr 215, In Person Term Based; Kelly Tart ; 3 cr.

6957 Small Animal Selective II

(A-F only ;)
67389 001 LEC, 13:00-13:50 Th, No Room Required, 14:00-14:50 Th, Ben Pomeroy Ctr 215, 16:00-16:50 M, Ben Pomeroy Ctr 215, 8:00-10:00 F, No Room Required, 13:00-15:00 M, Ben Pomeroy Ctr 215, 8:00-11:00 Th, Ben Pomeroy Ctr 215, 8:00-12:00 F, Ben Pomeroy Ctr 215, 13:00-17:00 F, Ben Pomeroy Ctr 215, 10:00-12:00 Th, Ben Pomeroy Ctr 215, 8:00-12:00 M, Ben Pomeroy Ctr 215, 13:00-17:00 F, No Room Required, 13:00-17:00 M, Ben Pomeroy Ctr 215, 10:00-12:00 F, Ben Pomeroy Ctr 215, 8:00-12:00 M, Ben Pomeroy Ctr 215, 10:00-12:00 M, No Room Required, In Person Term Based; Jody Lulich ; 3 cr.

6958 Small Animal Problems

(A-F only ;)
67390 001 LEC, 13:00-15:00 W, No Room Required, 13:00-15:00 W, No Room Required, In Person Term Based; Jennifer Granick, Eva Furrow ; 2 cr.
67391 002 LEC, 15:00-17:00 W, , 15:00-17:00 W, No Room Required, In Person Term Based; Jennifer Granick, Eva Furrow ; 2 cr.

6959 Orientation to Clinical Rotations

(S-N only ;)
67375 001 LEC, 8:00-12:00 Th, Ben Pomeroy Ctr 215, 8:00-10:00 T, No Room Required, 8:00-12:00 W, Ben Pomeroy Ctr 215, 8:00-12:00 WTh, Ben Pomeroy Ctr 215, 15:00-17:00 Th, Ben Pomeroy Ctr 215, 8:00-8:50 M, Ben Pomeroy Ctr 215, 8:00-12:00 W, No Room Required, 10:00-12:00 M, Ben Pomeroy Ctr 215, 8:00-12:00 TTh, 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 ;)
67378 001 LEC, 8:00-12:00 T, Ben Pomeroy Ctr 215, 13:00-16:00 T, Ben Pomeroy Ctr 215, 10:00-12:00 W, Ben Pomeroy Ctr 215, 13:00-17:00 W, No Room Required, 10:00-12:00 Th, Ben Pomeroy Ctr 215, 8:00-12:00 T, Ben Pomeroy Ctr 215, 13:00-17:00 T, No Room Required, 13:00-17:00 T, No Room Required, 10:00-12:00 M, Ben Pomeroy Ctr 215, 13:00-13:50 M, Ben Pomeroy Ctr 215, 14:00-17:00 M, No Room Required, 14:00-17:00 F, No Room Required, 13:00-15:00 T, Ben Pomeroy Ctr 215, 10:00-12:00 T, Ben Pomeroy Ctr 215, 8:00-10:00 F, Ben Pomeroy Ctr 215, 10:00-12:00 F, No Room Required, 10:00-12:00 T, Ben Pomeroy Ctr 215, 13:00-15:00 T, No Room Required, 15:00-17:00 T, No Room Required, In Person Term Based; Christie Ward ; 2.5 cr.

6961 Equine Selective II

(A-F only ;)
67379 001 LEC, 13:00-15:00 Th, No Room Required, 8:00-10:00 W, Ben Pomeroy Ctr 215, 8:00-17:00 F, No

Room Required, 13:00-17:00 Th, No Room Required, 8:00-17:00 M, No Room Required, 13:00-17:00 M, No Room Required, 15:00-17:00 W, No Room Required, 8:00-15:00 T, No Room Required, 8:00-15:00 M, No Room Required, 15:00-17:00 T, Ben Pomeroy Ctr 215, 13:00-15:00 M, Ben Pomeroy Ctr 215, 15:00-17:00 W, No Room Required, 8:00-12:00 F, No Room Required, 8:00-17:00 Th, No Room Required, 9:00-10:00 M, Ben Pomeroy Ctr 215, In Person Term Based; Christie Ward, ; 3 cr.

6962 Equine Problems

(A-F only ;)
67380 001 LEC, 13:00-15:00 W, No Room Required, 13:00-15:00 W, No Room Required, In Person Term Based; Christie Ward ; 2 cr.

6963 Food and Fiber Selective I: Food and Fiber Practice

(A-F only ;)
67384 001 LEC, 8:00-12:00 MW, Ben Pomeroy Ctr 215, 13:00-13:50 M, Ben Pomeroy Ctr 215, 14:00-17:00 MTW, No Room Required, 9:00-17:00 F, No Room Required, 8:00-12:00 T, Ben Pomeroy Ctr 215, 13:00-17:00 T, Ben Pomeroy Ctr 215, 9:00-17:00 TWTh, No Room Required, 10:00-12:00 F, Ben Pomeroy Ctr 215, 13:00-15:00 F, Ben Pomeroy Ctr 215, 13:00-15:00 ThF, Ben Pomeroy Ctr 215, 13:00-17:00 Th, Ben Pomeroy Ctr 215, 8:00-12:00 M, Ben Pomeroy Ctr 215, 8:00-12:00 TF, Ben Pomeroy Ctr 215, 13:00-13:50 T, Ben Pomeroy Ctr 215, 8:00-10:00 Th, Ben Pomeroy Ctr 215, 8:00-12:00 F, Ben Pomeroy Ctr 215, 13:00-13:50 F, Ben Pomeroy Ctr 215, In Person Term Based; Perle Zhitnitskiy, ; 4 cr.

6964 Food & Fiber Selective II: Production Medicine

(A-F only ;)
67387 001 LEC, 14:00-17:00 Th, No Room Required, 13:00-15:00 W, Ben Pomeroy Ctr 215, 8:00-12:00 Th, No Room Required, 13:00-16:00 M, No Room Required, 13:00-17:00 ThF, Ben Pomeroy Ctr 215, 8:00-12:00 M, No Room Required, 13:00-17:00 M, Ben Pomeroy Ctr 215, 8:00-12:00 T, Ben Pomeroy Ctr 215, 13:00-15:00 T, Ben Pomeroy Ctr 215, 15:00-17:00 W, No Room Required, 8:00-12:00 M, Ben Pomeroy Ctr 215, 8:00-12:00 ThF, Ben Pomeroy Ctr 215, 8:00-12:00 M, No Room Required, In Person Term Based; Gerard Cramer, Perle Zhitnitskiy, ; 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).)
67386 001 LEC, 14:00-17:00 T, Ben Pomeroy Ctr 215, 15:00-17:00 T, Ben Pomeroy Ctr 215, 13:00-16:00 T, Ben Pomeroy Ctr 215, 15:00-17:00 T, Ben Pomeroy Ctr 215, 14:00-14:50 F, Ben Pomeroy Ctr 215, 15:00-17:00 T, Ben Pomeroy Ctr 215, 13:00-15:00 T, Ben Pomeroy Ctr 215, 10:00-12:00 T, Ben Pomeroy Ctr 215, 13:00-15:00 F, Ben Pomeroy Ctr 215, 13:30-16:30 T, Ben Pomeroy Ctr 215, In Person Term Based; Emily Barrell, ; 1.5 cr.

6967 Food and Fiber Animal Problems

(A-F only ;)
67388 001 LEC, 13:00-15:00 W, Ben Pomeroy Ctr 215, 13:00-15:00 W, Ben Pomeroy Ctr 215, In Person Term Based; Erin Royster ; 2 cr.

6968 Obstetrics Lab

(S-N only ;)
67377 001 LAB, 13:00-17:00 ThF, No Room Required, 13:00-17:00 ThF, No Room Required, In Person Term Based; Scott Madill ; 0.5 cr.

6970 Professional Development V

(S-N only ;)
67376 001 LEC, 8:00-10:00 WTh, Ben Pomeroy Ctr 215, 12:00-17:00 M, No Room Required, 8:00-10:00 M, Ben Pomeroy Ctr 215, 12:00-17:00 M, No Room Required, 10:00-12:00 Th, Ben Pomeroy Ctr 215, 13:00-15:00 Th, Ben Pomeroy Ctr 215, 8:00-10:00 W, Ben Pomeroy Ctr 215, 13:00-17:00 Th, Ben Pomeroy Ctr 215, 12:30-17:30 M, Ben Pomeroy Ctr 215, 10:00-12:00 Th, Ben Pomeroy Ctr 215, 12:30-17:00 M, Ben Pomeroy Ctr 215, In Person Term Based; Christina Clarkson, ; 1 cr.

6971 Dermatology

(A-F only ;)
67401 001 LEC, 8:00-10:00 WF, Animal Science / Vet Med 135, 8:00-10:00 WTh, Animal Science / Vet Med 135, 8:00-10:00 MWF, Animal Science / Vet Med 135, 8:00-10:00 MWF, Animal Science / Vet Med 135, 10:00-12:00 F, Animal Science / Vet Med 135, 10:00-12:00 T, ; 8:00-10:00 W, Animal Science / Vet Med 135,

8:00-10:00 MTh, Animal Science / Vet Med 135, In Person Term Based; Sheila Torres, ; 2 cr.

6973 Behavior

(A-F only ;)
67381 001 LEC, 8:00-12:00 MTWThF, Ben Pomeroy Ctr 215, In Person Term Based; Sheila Torres ; 1 cr.

6975 Mixed Animal Problems

(A-F only ;)
67393 001 DIS, 15:00-17:00 W, Ben Pomeroy Ctr 215, 15:00-17:00 W, Ben Pomeroy Ctr 215, In Person Term Based; Jill Schappa Faustich ; 2 cr.

6981 Clinical Correlations I

(S-N only ;)
67395 001 LEC, 15:00-17:00 T, Animal Science / Vet Med 125, 15:00-17:00 T, Animal Science / Vet Med 125, In Person Term Based; Margaret Root Kustritz, Ava Trent ; 1 cr.

6982 Clinical Correlations II

(S-N only ;)
67402 001 LEC, 15:00-17:00 T, Animal Science / Vet Med 135, 15:00-17:00 T, Animal Science / Vet Med 135, In Person Term Based; Margaret Root Kustritz, Ava Trent ; 1 cr.

6984 Introduction to Laboratory Animal Medicine

(A-F only ;)
67385 001 LEC, 15:00-17:00 W, Ben Pomeroy Ctr 215, 15:00-17:00 T, Ben Pomeroy Ctr 215, 15:00-17:00 Th, Ben Pomeroy Ctr 215, 15:00-17:00 W, No Room Required, 14:00-17:00 Th, No Room Required, 15:00-17:00 W, No Room Required, 15:00-17:00 W, No Room Required, 15:00-17:00 W, No Room Required, 13:00-15:00 F, Ben Pomeroy Ctr 215, In Person Term Based; Christine Sivula ; 1 cr.

6985 PhD Project

(S-N only ;)
45536 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45537 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45538 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45539 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45540 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45541 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45542 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45543 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45544 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
67144 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.

6986 MS Project

(S-N only ;)
45517 019 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45518 020 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45519 021 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45520 022 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45521 023 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45522 024 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45523 025 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45524 026 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
45525 027 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.
67143 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.

6988 ASPCA Spay/Neuter Alliance

(A-F only ;)
67240 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.

6989 MN Snap

(A-F only ;)
67242 002 ROT, 8:00-17:00 MTWThF, No Room Required, In Person Term Based; Laura Molgaard ; 2 cr.

6990 Twin Ports Spay/Neuter

(A-F only ;)
67243 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.)
45362 001 LEC, 9:00-12:00 F, Lrng & Environmental Sci 230, In Person Term Based; Randall Singer ; 3 cr.

5232 Comparative Clinical Veterinary Dermatologic Pathology

(S-N only; Prereq: DVM degree or foreign equiv)
45351 001 IND, 00:00-00:00 , , In Person Term Based; Sheila Torres ; 1 cr.

5243 Advanced Small Animal Pathobiology IV

(A-F only; Prereq: CVM grad student, [DVM or foreign equiv] degree.)
45415 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)
45333 001 LEC, 8:00-9:00 Th, , In Person Term Based; Stephanie Valberg ; 1 cr.

5310 Topics in Veterinary Clinical Pathology

(S-N only; Prereq: Grad student in CVM)
45350 001 LEC, 8:00-9:00 F, , 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])
45416 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)
45417 001 DIS, 00:00-00:00 , , In Person Term Based; Anibal Arminien ; 1 cr.

5410 Scientific Writing and Speaking

(A-F only; Prereq: Grad student in health sciences)
45418 001 LEC, 00:00-00:00 , , In Person Term Based; Sagar Goyal ; 2 cr.

5442 Quantitative Methods for Population Health

(Student Option;)
45512 001 LEC, 9:00-12:00 W, AHC ROOM TBA, In Person Term Based; Kimberly VanderWaal, Amy Kinsley ; 3 cr.

5594 Research in Veterinary Medicine

(Student Option; Prereq: Jr, instr consent)
45359 001 LAB, 00:00-00:00 , , Independent/Directed Study; Srinand Sreevatsan, Lisa Hubinger ; 1-4 cr.

5621 Principles of Veterinary Anesthesiology

(A-F only; Prereq: VMed grad student, [DVM degree or foreign equiv], instr consent)
45340 001 LEC, 00:00-00:00 , , In Person Term Based; 2 cr.

5881 Food Production, Processing, and Supply Chain

(S-N only ;)
68796 001 DIS, In Person Term Based; Scott Wells ; 1 cr.

5895 Veterinary Public Health Integrated Learning Experience

(S-N only ;)
67046 001 IND, In Person Term Based; 1-3 cr.

5896 Veterinary Public Health Applied Practice Experience

(S-N only ;)
67047 001 FWK, In Person Term Based; 0.5-6 cr.

5910 Grant Writing: What Makes a Winning Proposal?

(Student Option;)
45387 001 LEC, 15:00-16:30 M, Veterinary Science 215, In Person Term Based; Meets With: 001 CMB 5910; Mark Rutherford ; 2 cr.

5990 Veterinary Public Practice Seminar

(Student Option;)
68649 001 LEC, 12:00-13:00 F, , In Person Term Based; Karin Hamilton ; 0.5 cr.

5998 Leadership to Address Global Grand Challenges

(Student Option No Audit;)
68795 001 DIS, 9:00-17:00 MTWThF, , In Person Term Based; Fernando Sampedro, Amy Pekol, Kaylee Myhre Errecaborde, Jennifer van de Ligt ; 1.5 cr.

8192 Dairy Health Management: Critical Thinking

(S-N only;)
45419 001 DIS, 00:00-00:00 , , In Person Term Based; Sandra Godden ; 1 cr.

8193 Welfare of Farmed Animals

(S-N only;)
45420 001 DIS, 00:00-00:00 , , In Person Term Based; John Deen ; 1 cr.

8220 Advanced Nephrology/Urology Clinics

(Student Option; Prereq: instr consent)
45316 001 LEC, 00:00-00:00 , , In Person Term Based; David Polzin ; 1-3 cr.

8230 Medical Conference

(Student Option; Prereq: instr consent)
45317 001 LEC, 8:00- 8:50 Th, , In Person Term Based; Jody Lulich ; 1 cr.

8292 Journal Club: Large Animal Internal Medicine

(A-F or Audit; Prereq: instr consent)
45337 001 IND, 8:00- 9:00 T, , In Person Term Based; Christie Ward ; 1 cr.

8293 Advanced Studies in Nephrology and Urology

(A-F or Audit; Prereq: instr consent)
45319 001 DIS, 00:00-00:00 , , In Person Term Based; Jody Lulich ; 1-3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
45323 001 IND, In Person Term Based; 1 cr.

8394 Research in Veterinary Medicine

(Student Option; Prereq: instr consent)
45318 001 IND, 00:00-00:00 , , Independent/Directed Study; Srinand Sreevatsan ; 1-3 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
45325 001 IND, In Person Term Based; 1 cr.

8492 Seminar: Infectious Diseases and Swine Medicine

(Student Option;)
45321 001 LEC, 15:00-15:50 F, , In Person Term Based; Montse Torremorell ; 1 cr.

8550 Veterinary Medicine Seminar

(S-N only; Prereq: Grad student)
45361 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;)
45421 001 DIS, 00:00-00:00 , , In Person Term Based; Montse 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])
45329 001 IND, In Person Term Based; 1-18 cr.

8793 Seminar: Veterinary Anesthesiology

(A-F or Audit; Prereq: [CVM 6321 or equiv], DVM degree)
45320 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)
45352 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)
45331 001 IND, In Person Term Based; 1-24 cr.

8910 Statistical Principles of Research Design

(A-F or Audit; Prereq: entry level graduate stats course or equivalent)
67043 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;)
45500 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;)
45501 001 LEC, 10:10-11:00 MW, Bruininks Hall 420A, In Person Term Based; Ashok Singh ; 2 cr.

4131 Immunology

(Student Option;)
45354 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;)
45479 001 LEC, 11:45-13:00 TTh, McNeal Hall 310, In Person Term Based; Michelle Willette ; 3 cr.

Vienna Executive MBA (VMBA)**Water Resources Science (WRS)****5101 Water Policy**

(Student Option;)
56520 001 LEC, 16:00-17:15 TTh, Hubert H. Humphrey School 15, In Person Term Based; Meets With: 001 PA 5723; Peter Calow ; 3 cr.
56658 002 LEC, 00:00-00:00 , , In Person Term Based; Deborah Swackhamer ; 3 cr.

5150 Watershed Specialist Training

(S-N only;)
56877 001 LEC, Completely Online; Ann Lewandowski ; 2 cr.

8060 Directed Studies in Water Resources Science

(A-F or Audit; Prereq: instr consent)
56369 001 IND, In Person Term Based; 1-3 cr.

8095 Plan B Project

(S-N or Audit;)
56370 001 IND, In Person Term Based; 3 cr.

8100 Interdisciplinary Seminar in Water Resources

(Student Option;)
56447 001 LEC, 15:00-15:50 F, Ruttan Hall B30, In Person Term Based; John Nieber ; 0.5 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
56384 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
56400 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)
56583 001 LEC, 15:00-16:15 M, Alderman Hall 415, In Person Term Based; Meets With: 001 CEGE 8581; Ray Newman ; 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)
56418 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])
56437 001 IND, In Person Term Based; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated;)
56891 001 IND, In Person Term Based; 1-24 cr.

Writing Studies (WRIT)**1301 University Writing**

(A-F only; Prereq: Placement in Writ 1301)
53749 015 DIS, 9:35-10:25 Th, Magrath Library 8, 9:35-10:25 MTW, Magrath Library 4, In Person Term Based; Matthew Kimlinger ; 4 cr.
53750 016 DIS, 11:45-12:35 Th, Magrath Library 8, 11:45-12:35 MTW, Magrath Library 4, In Person Term Based; Matthew Kimlinger ; 4 cr.
53751 017 DIS, 13:55-15:50 M, Magrath Library 4, 15:00-15:50 W, Lrng & Environmental Sci 220, 13:55-14:45 W, Magrath Library 4, In Person Term Based; Matthew Kimlinger ; 4 cr.
53753 023 DIS, 9:05- 9:55 MTThF, Nicholson Hall 115, In Person Term Based; Laura Rothgeb ; 4 cr.
53754 024 DIS, 10:10-11:00 MTThF, Blegen Hall 435, In Person Term Based; Mark Brenden ; 4 cr.
53755 025 DIS, 10:10-11:00 MTThF, Blegen Hall 425, In Person Term Based; May Lee-Yang ; 4 cr.
53756 003 DIS, 11:15-12:05 MTThF, Nicholson Hall 335, In Person Term Based; Jacqueline Schiappa ; 4 cr.
53757 002 DIS, 10:10-11:00 MTThF, Bruininks Hal 121, In Person Term Based; Jacqueline Schiappa ; 4 cr.
53758 027 DIS, 11:15-12:05 MTThF, Folwell Hall 122, In Person Term Based; Samantha Crain ; 4 cr.
53759 028 DIS, 11:15-12:05 MTThF, Vincent Hall 301, In Person Term Based; Charlotte Madere ; 4 cr.
53760 026 DIS, 10:10-11:00 MTThF, Blegen Hall 205, In Person Term Based; Angelo Volpe ; 4 cr.
53761 029 DIS, 11:15-12:05 MTThF, Hubert H. Humphrey School 30, In Person Term Based; Curtis Lee Fincher ; 4 cr.
53762 030 DIS, 12:20-13:10 MTThF, Folwell Hall 32, In Person Term Based; Gregory Smith ; 4 cr.
53764 032 DIS, 12:20-13:10 MTThF, Folwell Hall 31, In Person Term Based; James Countryman ; 4 cr.
53765 033 DIS, 13:25-14:15 MTThF, Nicholson Hall 110, In Person Term Based; James Countryman ; 4 cr.
53767 034 DIS, 13:25-14:15 MTThF, Mechanical Engineering 221, In Person Term Based; 4 cr.
53768 035 DIS, 13:25-14:15 MTThF, Nicholson Hall 115, In Person Term Based; Angelo Volpe ; 4 cr.
53769 036 DIS, 14:30-15:20 MTThF, Nicholson Hall 115, In Person Term Based; 4 cr.
53770 037 DIS, 14:30-15:20 MTThF, Nicholson Hall 120, In Person Term Based; Jacqueline Schiappa ; 4 cr.
53771 038 DIS, 14:30-15:20 MTThF, Lind Hall 229, In Person Term Based; Angelo Volpe ; 4 cr.
53772 039 DIS, 8:00- 8:50 MTWTh, Lind Hall 325, In Person Term Based; Clara Biesel ; 4 cr.
53773 043 DIS, 9:05-11:00 MW, Lind Hall 217, In Person Term Based; Margaret LaFleur ; 4 cr.
53774 005 DIS, 9:05-11:00 MW, Akerman Hall 211, In Person Term Based; Kimberley Strain ; 4 cr.
53775 044 DIS, 9:05-11:00 MW, Appleby Hall 223, In Person Term Based; David Rodriguez-Martinez ; 4 cr.
53776 046 DIS, 11:15-13:10 MW, Lind Hall 217, In Person Term Based; Jacqueline Patz ; 4 cr.
53777 047 DIS, 11:15-13:10 MW, Lind Hall 215, In Person Term Based; Mariela Lemus ; 4 cr.

- 53778 048 DIS, 13:25-15:20 MW, Akerman Hall 317, In Person Term Based; Christopher Bowman ; 4 cr.
- 53779 006 DIS, 11:15-13:10 MW, Akerman Hall 327, In Person Term Based; Megan Mills-Rittmann ; 4 cr.
- 53780 051 DIS, 15:35-17:30 MW, Lind Hall 325, In Person Term Based; Ali Zimmerman Zuckerman ; 4 cr.
- 53781 052 DIS, 17:15-19:10 MW, Lind Hall 215, In Person Term Based; Jennifer Doane ; 4 cr.
- 53782 055 DIS, 10:10-12:05 WF, Nicholson Hall 115, In Person Term Based; Mark Anderson ; 4 cr.
- 53783 056 DIS, 10:10-12:05 WF, Lind Hall 229, In Person Term Based; Bridget Bergin ; 4 cr.
- 53784 020 DIS, 9:05- 9:55 MTThF, Appleby Hall 3, In Person Term Based; James Countryman ; 4 cr.
- 53785 057 DIS, 12:20-14:15 WF, Lind Hall 203, In Person Term Based; Amanda Minoff ; 4 cr.
- 53786 058 DIS, 12:20-14:15 WF, Nicholson Hall 335, In Person Term Based; Rebecca Brill ; 4 cr.
- 53787 059 DIS, 12:20-14:15 WF, Akerman Hall 313, In Person Term Based; Michelle Lee ; 4 cr.
- 53788 021 DIS, 9:05- 9:55 MTThF, Appleby Hall 103, In Person Term Based; Jacqueline James ; 4 cr.
- 53789 041 DIS, 15:35-16:25 MTWTh, Folwell Hall 30, In Person Term Based; Jennifer Easler ; 4 cr.
- 53790 061 DIS, 14:30-16:25 WF, Nicholson Hall 335, In Person Term Based; Mark Anderson ; 4 cr.
- 53791 062 DIS, 8:00- 9:55 TTh, Appleby Hall 223, In Person Term Based; Kathryn Savage ; 4 cr.
- 53792 009 DIS, 12:20-14:15 TTh, Appleby Hall 319, In Person Term Based; Anne Fretheim ; 4 cr.
- 53793 063 DIS, 10:10-12:05 TTh, Lind Hall 215, In Person Term Based; Patricia Fillipi ; 4 cr.
- 53794 064 DIS, 10:10-12:05 TTh, Appleby Hall 223, In Person Term Based; Daniel Kossow ; 4 cr.
- 53795 042 DIS, 15:35-16:25 MTWTh, Nicholson Hall 115, In Person Term Based; Alexander Champoux ; 4 cr.
- 53796 065 DIS, 10:10-12:05 TTh, Lind Hall 340, In Person Term Based; Tim Gustafson ; 4 cr.
- 53797 066 DIS, 12:20-14:15 TTh, Appleby Hall 223, In Person Term Based; Maureen Aitken ; 4 cr.
- 53798 068 DIS, 12:20-14:15 TTh, Lind Hall 325, In Person Term Based; Ember Johnson ; 4 cr.
- 53799 069 DIS, 14:30-16:25 TTh, Kolthoff Hall 133, In Person Term Based; Megan Mills-Rittmann ; 4 cr.
- 53800 070 DIS, 14:30-16:25 TTh, Appleby Hall 223, In Person Term Based; Erica Stacey Decker ; 4 cr.
- 53801 071 DIS, 14:30-16:25 TTh, Lind Hall 340, In Person Term Based; Zoe Rodine ; 4 cr.
- 53802 072 DIS, 15:35-17:30 TTh, Vincent Hall 301, In Person Term Based; Patricia Fillipi ; 4 cr.
- 53857 175 DIS, 00:00-00:00 , ONLINE, Completely Online; Maureen Aitken ; 4 cr.
- 54452 067 DIS, 12:20-14:15 TTh, Lind Hall 340, In Person Term Based; Patricia Fillipi ; 4 cr.
- 54506 054 DIS, 10:10-12:05 WF, Appleby Hall 3, In Person Term Based; Aleisha Smith-Thornton ; 4 cr.
- 54625 007 DIS, 13:25-15:20 MW, Akerman Hall 327, In Person Term Based; Megan Mills-Rittmann ; 4 cr.
- 54626 010 DIS, 14:30-16:25 TTh, Civil Engineering Bldg 213, In Person Term Based; Anne Fretheim ; 4 cr.
- 54700 040 DIS, 8:00- 8:50 MTWTh, Lind Hall 320, In Person Term Based; Andrea Waldrep ; 4 cr.
- 54701 045 DIS, 9:05-11:00 MW, Lind Hall 320, In Person Term Based; Tim Gustafson ; 4 cr.
- 54702 049 DIS, 13:25-15:20 MW, Lind Hall 217, In Person Term Based; Tim Gustafson ; 4 cr.
- 54703 050 DIS, 13:25-15:20 MW, Lind Hall 215, In Person Term Based; Brett Sigurdson ; 4 cr.
- 54704 053 DIS, 8:00- 9:55 WF, Akerman Hall 327, In Person Term Based; Mark Anderson ; 4 cr.
- 54705 060 DIS, 14:30-16:25 WF, Lind Hall 203, In Person Term Based; Dylan Reynolds ; 4 cr.
- 55675 174 DIS, Completely Online; Christine Bachman-Sanders ; 4 cr.
- 55777 073 DIS, 17:15-19:10 TTh, Lind Hall 340, In Person Term Based; Stephen Ellis ; 4 cr.
- 67170 176 DIS, Completely Online; Elizabeth Howard ; 4 cr.
- 1401 Writing and Academic Inquiry**
(A-F only; Prereq: Placement in Writ 1401)
- 54818 002 DIS, 11:15-13:10 MW, Appleby Hall 223, In Person Term Based; Nicole Ciulla ; 4 cr.
- 55170 003 DIS, 10:10-12:05 TTh, Lind Hall 325, In Person Term Based; Maureen Aitken ; 4 cr.
- 3001 Introduction to Technical Writing and Communication**
(A-F only ;)
- 55527 001 DIS, 16:00-17:15 MW, Akerman Hall 227, In Person Term Based; Jeremy Rosselot-Merritt ; 3 cr.
- 3029W Business and Professional Writing**
(Student Option; WI)
- 54149 001 DIS, 17:30-20:00 Th, Lind Hall 315, In Person Term Based; Ryan Wold ; 3 cr.
- 54150 002 DIS, 14:30-15:45 MW, Lind Hall 320, In Person Term Based; Brigitte Mussack ; 3 cr.
- 3101W Writing Arguments**
(A-F or Audit; WI)
- 54054 001 DIS, 14:30-15:45 TTh, Lind Hall 320, In Person Term Based; Evelyn Meisenbacher ; 3 cr.
- 3102W Public Writing**
(A-F only; Prereq: Soph or jr or sr CIV,WI)
- 55494 001 DIS, 13:00-14:15 TTh, Lind Hall 303, In Person Term Based; Patrick Bruch ; 3 cr.
- 3152W Writing on Issues of Science and Technology**
(A-F or Audit; WI)
- 53725 001 DIS, 14:30-15:45 MW, Lind Hall 315, In Person Term Based; Capper Nichols ; 3 cr.
- 3221W Communication Modes and Methods**
(A-F only; WI)
- 54194 001 DIS, 9:45-11:00 TTh, Nolte Center 229, In Person Term Based; Richard Graff ; 3 cr.
- 3244W Critical Literacies: How Words Change the World**
(A-F or Audit; AH,WI,DSJ)
- 54080 001 DIS, 16:00-18:30 T, Lind Hall 315, In Person Term Based; Patrick Bruch ; 3 cr.
- 3257 Technical and Professional Presentations**
(Student Option No Audit;)
- 53726 001 LEC, 9:45-11:00 MW, Lind Hall 303, In Person Term Based; Nathan Bollig ; 3 cr.
- 3291 Technical Communication Certificate Capstone Project**
(A-F only; Prereq: instr consent)
- 53824 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)
- 54436 001 DIS, 9:45-11:00 TTh, Wulling Hall 220, In Person Term Based; Thomas Reynolds ; 3 cr.
- 3405W Humanistic Healthcare and Communication**
(Student Option; AH,WI)
- 54521 001 DIS, 13:00-14:15 WF, Mayo Bldg & Additions C231, In Person Term Based; William West ; 3 cr.
- 3441 Editing, Critique, and Style**
(A-F only; Prereq: Soph or jr or sr)
- 54151 001 DIS, 11:15-12:30 Th, Appleby Hall 321, 11:15-12:30 T, Bruininks Hall 420A, In Person Term Based; Barbara Horvath ; 3 cr.
- 3562W Technical and Professional Writing**
(A-F only; WI)
- 53727 001 DIS, 11:15-12:30 Th, Appleby Hall 227, 11:15-12:30 T, Vincent Hall 206, In Person Term Based; Anne Lazaraton ; 4 cr.
- 53727 001 DIS, 11:15-12:30 Th, Appleby Hall 227, 11:15-12:30 T, Vincent Hall 206, In Person Term Based; Anne Lazaraton ; 4 cr.
- 53728 003 DIS, 12:50-13:40 F, Lrng & Environmental Sci 220, 12:50-13:40 MW, Magrath Library 4, In Person Term Based; 4 cr.
- 53729 004 DIS, 14:30-15:20 F, Appleby Hall 321, 14:30-15:20 MW, Lind Hall 340, In Person Term Based; Joe Moses ; 4 cr.
- 53730 006 DIS, 11:45-13:00 Th, Lrng & Environmental Sci 220, 11:45-13:00 T, Magrath Library 6, In Person Term Based; Katlyne Davis ; 4 cr.
- 53732 008 DIS, 16:00-17:15 W, Appleby Hall 321, 16:00-17:15 M, Lind Hall 320, In Person Term Based; Joe Moses ; 4 cr.
- 53733 009 DIS, 17:30-20:00 M, Lind Hall 217, In Person Term Based; Capper Nichols ; 4 cr.
- 53734 076 DIS, 00:00-00:00 , ONLINE, Completely Online; Jason Tham ; 4 cr.
- 53735 077 DIS, 00:00-00:00 , ONLINE, Completely Online; Saveena Veeramoothoo ; 4 cr.
- 53736 078 DIS, 00:00-00:00 , ONLINE, Completely Online; Juliette Lapeyrouse-Cherry ; 4 cr.
- 53833 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.
- 54008 079 DIS, 00:00-00:00 , ONLINE, Completely Online; Brandi Fuglsby ; 4 cr.
- 54169 075 DIS, 00:00-00:00 , ONLINE, Completely Online; William West ; 4 cr.
- 54532 005 DIS, 9:45-11:00 Th, Appleby Hall 227, 9:45-11:00 T, Peik Hall 155, In Person Term Based; Molly Kessler ; 4 cr.
- 54869 100 DIS, Completely Online; ; 4 cr.
- 55074 012 DIS, 13:55-14:45 F, Lrng & Environmental Sci 220, 13:55-14:45 MW, Ruttan Hall B22, In Person Term Based; Danielle Stambler ; 4 cr.
- 55119 101 DIS, Completely Online; Brigitte Mussack ; 4 cr.
- 55120 102 DIS, Completely Online; Sandra Becker ; 4 cr.
- 55154 013 DIS, 11:15-12:05 F, Appleby Hall 321, 11:15-12:05 MW, Lind Hall 203, In Person Term Based; Eduardo Nevarez ; 4 cr.
- 55247 015 DIS, 10:40-11:30 F, Lrng & Environmental Sci 220, 10:40-11:30 MW, Magrath Library 6, In Person Term Based; Daniel Card ; 4 cr.
- 55248 097 DIS, Completely Online; William West ; 4 cr.
- 68495 103 DIS, Completely Online; Ashley Clayton ; 4 cr.
- 3577W Rhetoric, Technology, and the Internet**
(A-F only; Prereq: Soph or jr or sr or instr consentS,WI)
- 54441 001 DIS, 16:00-17:15 MW, Lind Hall 315, In Person Term Based; Daniel Card ; 3 cr.
- 54662 002 DIS, 8:15- 9:30 TTh, Lind Hall 303, In Person Term Based; Mckinley Green ; 3 cr.
- 3671 Visual Rhetoric and Document Design**
(A-F only ;)
- 54207 001 DIS, 13:00-14:15 MW, Bruininks Hall 131B, In Person Term Based; Ryan Eichberger ; 3 cr.
- 3672W Project Design and Development**
(A-F or Audit; Prereq: Jr or srWI)
- 54813 001 DIS, 11:15-12:30 MW, Lind Hall 303, 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)
- 53737 001 DIS, 14:30-15:45 MW, Nolte Center 229, In Person Term Based; Richard Graff ; 3 cr.
- 3896 Internship in Technical Writing and Communication**
(A-F only; Prereq: Writ 3562W and 24 credits completed in the Technical Writing & Communication major)
- 54152 001 IND, 00:00-00:00 , , Independent/Directed Study; Barbara Horvath ; 3 cr.
- 3993 Directed Study**
(Student Option; Prereq: instr consent, dept consent, college consent)
- 55249 001 IND, 00:00-12:00 , , Independent/Directed Study; 1-4 cr.
- 4501 Usability and Human Factors in Technical Communication**
(A-F only ;)
- 55169 001 DIS, 16:00-18:30 Th, Bruininks Hall 420A, In Person Term Based; Lee-Ann Breuch ; 3 cr.
- 4562 International Professional Communication**
(A-F only;)
- 55495 075 DIS, 00:00-12:00 , ONLINE, Completely Online; Ann Duin ; 3 cr.
- 4664W Science, Medical, and Health Writing**
(A-F or Audit; WI)
- 66626 001 DIS, 17:30-20:00 T, Lind Hall 303, In Person Term Based; Molly Kessler ; 3 cr.
- 5051 Graduate Research Writing for International Students**
(Student Option; Prereq: Grad student)
- 53738 001 LEC, 9:45-11:00 TTh, Lind Hall 303, In Person Term Based; Sheryl Holt ; 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)

53739 001 LEC, 14:30-15:45 TTh, Lind Hall 315, In Person
Term Based; Anne Lazaraton ; 3 cr.

5112 Information Design: Theory and Practice

(A-F or Audit; Prereq: Grad student or instr consent)
54663 075 LEC, 00:00-00:00 , ONLINE, Completely Online;
Lee Thomas ; 3 cr.

5196 Internship in Scientific and Technical Communication

(S-N or Audit;)
54195 075 IND, 00:00-00:00 , Independent/Directed Study; ;
3-6 cr.

5291 Independent Study, Reading, and Research

(Student Option; Prereq: instr consent, dept consent)
53835 001 IND, 00:00-00:00 , Independent/Directed Study; ;
1-3 cr.

5776 The Rhetorical Tradition: Modern Era (A-F or Audit;)

66104 001 LEC, 14:30-17:00 Th, Appleby Hall 319, In Person
Term Based; Gustaf Ailla Hallsby ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
53836 001 IND, 00:00-00:00 , Independent/Directed Study;
Ann Duin ; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
53837 001 IND, 00:00-00:00 , Independent/Directed Study;
John Logie ; 1 cr.

8505 Professional Practice

(S-N only;)
54522 001 LEC, 16:00-18:30 M, Nolte Center 235, In Person
Term Based; Ann Duin ; 3 cr.

8510 Seminar in Rhetoric

(A-F or Audit;)
66105 001 LEC, 14:30-17:00 T, Nolte Center 235, In Person
Term Based; John Logie ; 3 cr.

8560 Seminar in Writing Studies

(A-F only;)
66106 001 LEC, 14:30-17:00 W, Nolte Center 235, In Person
Term Based; Donald Ross Jr ; 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)
53838 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])
53839 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)
53828 001 IND, 00:00-00:00 , Independent/Directed Study;
Molly Kessler ; 1-4 cr.

8794 Directed Research

(S-N only; Prereq: instr consent)
54664 001 IND, 00:00-00:00 , Independent/Directed Study;
Lee-Ann Breuch ; 1-4 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
53840 001 IND, 00:00-00:00 , Independent/Directed Study;
John Logie ; 1-24 cr.

Youth Development and Research (YOST)

1001 Seeing Youth, Thinking Youth: Media, Popular Media, and Scholarship

(Student Option; CIV)

51334 001 LEC, 11:45-13:00 MW, Peters Hall 155, In Person
Term Based; John Gwinn ; 3 cr.
51335 002 LEC, 8:15- 9:30 TTh, Burton Hall 125, In Person
Term Based; Jenna Sethi ; 3 cr.

1366 Stories of Resistance & Change: Youth, Race, Power & Privilege in the U.S.

(Student Option; DSJ,LITR)
51725 001 LEC, 8:15- 9:30 TTh, Peik Hall 375, In Person
Term Based; Molly Rojas Collins ; 3 cr.
51726 002 LEC, 13:00-14:15 MW, Burton Hall 125, In Person
Term Based; Ezra Hyland ; 3 cr.
51898 003 LEC, 13:30-14:45 MW, Peters Hall 39, In Person
Term Based; Molly Rojas Collins ; 3 cr.
51949 004 LEC, 8:45-10:00 TTh, McNeal Hall 310, In Person
Term Based; Ezra Hyland ; 3 cr.
68124 005 LEC, 13:30-14:45 TTh, McNeal Hall 395, In
Person Term Based; Ezra Hyland ; 3 cr.

1368W Youth Global Perspectives: Stories from the Arab, Islamic, and Middle Eastern Worlds

(Student Option; GP,WI,LITR)
51727 001 LEC, 9:35-11:30 MW, Peters Hall 39, In Person
Term Based; K.C. Harrison ; 4 cr.
51728 002 LEC, 10:10-12:05 TTh, Appleby Hall 226, In
Person Term Based; K.C. Harrison ; 4 cr.

2241 Experiential Learning

(Student Option; Prereq: [1001, 2001] or instr consent)
51348 001 LEC, 10:40-12:35 TTh, Peters Hall 5, In Person
Term Based; 4 cr.

3001 Introduction to History & Philosophy of Youthwork

(Student Option; Prereq: 2xxx or instr consent)
51273 001 LEC, 10:40-12:35 MW, Peters Hall 5, In Person
Term Based; Katie Johnston-Goodstar ; 4 cr.

3032 Adolescent and Youth Development for Youthworkers

(Student Option; Prereq: 1001 or 2001 or 2002W or 2101, [any Psych or CPsy course])
51204 001 LEC, 8:30-10:25 MW, Peters Hall 5, In Person
Term Based; Meets With: 001 YOST 5032; Alexander
Fink ; 4 cr.

3101 Youthwork: Orientations and Approaches

(Student Option; Prereq: One gen psy course, one gen
soc course)
51274 001 LEC, 8:30-10:25 TTh, Peters Hall 5, In Person
Term Based; Eric Billiet ; 4 cr.

3240 Special Topics in Youth Studies

(Student Option; Prereq: [Two social sci courses, exper working with youth] or instr consent)
68017 001 LEC, 9:35-11:30 F, Peters Hall 80, 9:35-11:30
F, Peters Hall 80, In Person Term Based; Meets With: 001
YOST 5240; Katlin Okamoto ; 2-8 cr.

3291 Independent Study in Youth Studies

(Student Option; Prereq: instr consent)
51156 001 IND, Independent/Directed Study; Michael
Baizerman ; 1-9 cr.
51157 002 IND, Independent/Directed Study; Ross VeLure
Roholt ; 1-9 cr.
51158 003 IND, Independent/Directed Study; Katie Johnston-
Goodstar ; 1-9 cr.
51696 004 IND, Independent/Directed Study; Molly Rojas
Collins ; 1-9 cr.

3325W Project-Based Writing For Education and Human Development Majors

(Student Option; Prereq: 60+ undergraduate credits, declared major(W))
51737 001 DIS, 12:50-14:45 TTh, Peters Hall 155, In Person
Term Based; Molly Rojas Collins ; 4 cr.

4196 Youthwork Internship

(Student Option; Prereq: Declaration of youth studies major, instr consent)
51139 001 FWK, 12:50-14:45 MW, Peters Hall 280, In
Person Term Based; Julie Tilsen ; 4 cr.

4301 Communicating With Adolescents About Sexuality

(Student Option; Prereq: 1001 or instr consent)

66508 001 LEC, 13:30-14:45 MW, Peters Hall 155, In Person
Term Based; Meets With: 001 YOST 5301; Jessica Oliver-
Tebben ; 3 cr.

4314 Theater Activities in Youthwork and Education

(Student Option; Prereq: 1001 or 2101)
51687 001 LEC, 9:00-17:00 F, Student Center Theater,
10:00-17:00 Sa, McNeal Hall 10, 10:00-17:00 Sa, McNeal
Hall 10, In Person Term Based; Meets With: 001 YOST
5314; Janice Mandell ; 2 cr.

4411 Youth Research and Youth Program Evaluation

(Student Option; Prereq: Basic research methods course or instr consent)
51159 001 LEC, 10:40-12:35 TTh, Peters Hall 155, In Person
Term Based; Deborah Moore ; 4 cr.

5032 Adolescent and Youth Development for Youthworkers

(Student Option; Prereq: [1001 or 2001 or 2002W or 2101], [any Psych or CPsy course])
51205 001 LEC, 8:30-10:25 MW, Peters Hall 5, In Person
Term Based; Meets With: 001 YOST 3032; Alexander
Fink ; 4 cr.

5240 Special Topics in Youth Studies

(Student Option; Prereq: Two social sci courses, exper working with youth or instr consent)
68018 001 LEC, 9:35-11:30 F, Peters Hall 80, 9:35-11:30
F, Peters Hall 80, In Person Term Based; Meets With: 001
YOST 3240; Katlin Okamoto ; 2-8 cr.

5291 Independent Study in Youth Studies

(Student Option;)
50689 001 IND, Independent/Directed Study; Michael
Baizerman ; 1-8 cr.
51101 002 IND, Independent/Directed Study; Ross VeLure
Roholt ; 1-8 cr.
51275 003 IND, Independent/Directed Study; Katie Johnston-
Goodstar ; 1-8 cr.

5301 Communicating With Adolescents About Sexuality

(Student Option; Prereq: [Upper div AdPy course, exper working with youth] or instr consent)
66509 001 LEC, 13:30-14:45 MW, Peters Hall 155, In Person
Term Based; Meets With: 001 YOST 4301; Jessica Oliver-
Tebben ; 3 cr.

5314 Theatre Activities in Youthwork and Education

(Student Option; Prereq: 1001 or 2101)
51738 001 LEC, 9:00-17:00 F, Student Center Theater,
10:00-17:00 Sa, McNeal Hall 10, 10:00-17:00 Sa, McNeal
Hall 10, In Person Term Based; Meets With: 001 YOST
4314; Janice Mandell ; 2 cr.

5954 Experiential Learning: Pedagogy for Community and Classroom

(Student Option;)
51422 001 DIS, 18:00-20:45 T, Peters Hall 5, In Person Term
Based; Terrance Ross ; 3 cr.

5958 Community: Context for Youth Development Leadership

(A-F or Audit;)
51423 001 DIS, 18:00-20:45 M, Peters Hall 5, In Person
Term Based; Hayley Tompkins ; 3 cr.

5960 Seminar in Youth Development Leadership

(S-N or Audit; Prereq: YDL student or instr consent)
51424 001 LEC, In Person Term Based; Ross VeLure
Roholt ; 1 cr.
51458 002 LEC, In Person Term Based; Ross VeLure
Roholt ; 1 cr.
51459 003 LEC, In Person Term Based; Ross VeLure
Roholt ; 1 cr.
51460 004 LEC, In Person Term Based; Ross VeLure
Roholt ; 1 cr.
51818 005 LEC, In Person Term Based; Ross VeLure
Roholt ; 1 cr.

5962 Leadership Field Experience: Youth Development

(S-N only; Prereq: YDL student)
51425 001 FWK, In Person Term Based; Deborah Moore ; 4
cr.