

Academic Health Center Shared (AHS)

1101 Orientation to Health Careers

(Student Option No Audit;)

26942 001 LEC, Completely Online; Scott Simpson ; 1 cr.

1102 Orientation to Health Careers

(Student Option No Audit;)

26943 001 LEC, Completely Online; Fred Williams ; 1 cr.

1600 The Future Physician I: Medicine in the 21st Century

(A-F only;)

26958 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Andrew Slattengren, Tricia Todd ; 1 cr.

1602 The Future Physician III: Experiences in Health

(Student Option; Prereq: [1600 or 1601], instr consent)

26957 001 FWK, 00:00-00:00 , ONLINE, Completely Online; Tricia Todd, Scott Simpson ; 2 cr.

2400 Writing a Personal Statement

(S-N only;)

26973 001 DIS, 14:30-15:20 T, Twin Cities Remote, Completely Online; Fred Williams, Karin Hamilton ; 1 cr.
26975 003 DIS, 17:00-17:50 M, Twin Cities Remote, Completely Online; Tricia Todd, Jireh Mabamba ; 1 cr.
26988 002 DIS, 10:10-11:00 W, Twin Cities Remote, Completely Online; Scott Simpson, Fatima Omar ; 1 cr.

2707 Global Health Challenges for Future Health Professionals

(A-F only;)

34785 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Karin Hamilton, Tricia Todd ; 2 cr.

Accounting (ACCT)

1911 The Language of Business

(A-F only;)

33943 001 LEC, 09:45-11:00 MW, Carlson School of Mgmt 1-123, In Person Term Based; Kendall Poch ; 3 cr.

2050 Introduction to Financial Reporting

(A-F or Audit; Prereq: Soph)

19000 004 LEC, 09:55-11:35 MW, Twin Cities Remote, Completely Online; Pervin Shroff ; 4 cr.
19001 009 LEC, 14:30-16:10 MW, Twin Cities Remote, Completely Online; Tammy Naples ; 4 cr.
19052 005 LEC, 12:20-14:00 TTh, Twin Cities Remote, Completely Online; Salman Arif ; 4 cr.
19053 002 LEC, 14:30-16:10 TTh, Twin Cities Remote, Completely Online; Salman Arif ; 4 cr.
19068 007 LEC, 16:00-17:40 TTh, Twin Cities Remote, Completely Online; Ethan Yao ; 4 cr.
19117 003 LEC, 15:45-17:25 TTh, Twin Cities Remote, Completely Online; MJ (Minjae) Kim ; 4 cr.
19152 001 LEC, 08:00-09:40 TTh, Twin Cities Remote, Completely Online; Salman Arif ; 4 cr.
19213 006 LEC, 15:45-17:25 TTh, Twin Cities Remote, Completely Online; Paul White ; 4 cr.
19448 008 LEC, 08:00-09:40 MW, Twin Cities Remote, Completely Online; Kendall Poch ; 4 cr.

3001 Introduction to Management Accounting

(A-F or Audit; Prereq: 2050)

19002 002 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Clayton Forester ; 3 cr.
19003 003 LEC, 16:00-17:15 MW, Twin Cities Remote, Completely Online; Clayton Forester ; 3 cr.
19004 020 LEC, 17:45-20:15 T, Twin Cities Remote, Completely Online; Paul White ; 3 cr.
19208 004 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Clayton Forester ; 3 cr.
19297 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; 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)

19024 002 LEC, 09:55-11:35 MW, Twin Cities Remote, Completely Online; Michael Iselin ; 4 cr.
19025 003 LEC, 13:45-15:25 MW, Twin Cities Remote, Completely Online; Michael Iselin ; 4 cr.

19170 001 LEC, 08:00-09:40 MW, Twin Cities Remote, Completely Online; Michael Iselin ; 4 cr.
19171 004 LEC, 09:55-11:35 TTh, Twin Cities Remote, Completely Online; Kendall Poch ; 4 cr.
19209 005 LEC, 13:45-15:25 TTh, Twin Cities Remote, Completely Online; Clayton Forester ; 4 cr.

5102 Intermediate Accounting II

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

19026 003 LEC, 15:45-17:25 MW, Twin Cities Remote, Completely Online; Tjomme Rusticus ; 4 cr.
19278 002 LEC, 09:55-11:35 MW, Twin Cities Remote, Completely Online; Tjomme Rusticus ; 4 cr.
19449 001 LEC, 15:45-17:25 TTh, Twin Cities Remote, Completely Online; Milo Johnson ; 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])

19027 001 LEC, 09:55-11:35 MW, Carlson School of Mgmt L-110, In Person Term Based; Frank Beil ; 4 cr.
19028 002 LEC, 11:50-13:30 TTh, Twin Cities Remote, Completely Online; John Grayson ; 4 cr.
19346 003 LEC, 13:45-15:25 TTh, Twin Cities Remote, Completely Online; John Grayson ; 4 cr.

5126 Internal Auditing

(A-F or Audit; Prereq: 2050)

19460 001 LEC, 15:45-17:25 TTh, Twin Cities Remote, Completely Online; John Grayson ; 2 cr.

5135 Fundamentals of Federal Income Tax

(A-F or Audit; Prereq: [2050 or MBA 6030], [mgmt or grad mgmt student])

19029 001 LEC, 12:20-14:00 MW, Twin Cities Remote, Completely Online; Tammy Naples ; 4 cr.
19030 020 LEC, 17:45-21:05 M, Twin Cities Remote, Completely Online; Paul Gutterman ; 4 cr.

5141 Financial-Data Analytics

(A-F only; Prerequisite for this course is business statistics. We will also provide a brief overview of the concepts of probability and statistical inference. Relying on the above tools and methodology, students enhance their analytical skills and ultimately achieve deeper understanding on issues related to financial reporting, auditing, and capital markets. Prereq: SCO 2550 or equivalent statistics course.)

33919 001 LEC, 13:45-15:25 MW, ONLINE BLENDED, 13:45-15:25 MW, Carlson School of Mgmt L-110, Partially Online; Haiwen Zhang ; 2 cr.

5160 Financial Statement Analysis

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

19102 001 LEC, 11:50-13:30 TTh, Twin Cities Remote, Completely Online; Kendall Poch ; 2 cr.
19128 020 LEC, 17:45-21:05 Th, ONLINE BLENDED, 17:45-21:05 Th, Carlson School of Mgmt 1-147, Partially Online; Frank Beil ; 2 cr.
19236 002 LEC, 08:00-09:40 TTh, Twin Cities Remote, Completely Online; Kendall Poch ; 2 cr.
19543 021 LEC, 17:45-21:05 W, ONLINE BLENDED, 17:45-21:05 W, Carlson School of Mgmt 1-147, Partially Online; Kendall Poch ; 2 cr.

5201 Intermediate Management Accounting

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

19108 001 LEC, 12:20-14:00 TTh, Twin Cities Remote, Completely Online; Paul White ; 2 cr.
19450 002 LEC, 12:20-14:00 TTh, Twin Cities Remote, Completely Online; Paul White ; 2 cr.

5236 Introduction to Taxation of Business

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

19103 001 LEC, 11:50-13:30 MW, Twin Cities Remote, Completely Online; Roger Conlon ; 2 cr.

5420 Macc directed study

(Student Option; Prereq: Macc student)

19173 001 IND, 00:00-00:00 , In Person Term Based; Clayton Forester ; 1-4 cr.

Addiction Studies (ADDS)

5011 Foundations in Addiction Studies

(A-F only;)

26646 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Elizabeth Bassett ; 2 cr.
35004 302 LEC, Completely Online; 2 cr.
35500 303 LEC, Completely Online; 2 cr.

5021 Introduction to Evidence Based Practices and the Helping Relationship

(A-F only;)

26643 001 LEC, 09:00-12:40 M, Twin Cities Remote, Completely Online; Laura Boisen ; 3 cr.
35005 002 LEC, 17:30-21:00 W, Twin Cities Remote, Completely Online; Debra Wamsley ; 3 cr.
35501 003 LEC, 16:00-19:40 W, Twin Cities Remote, Completely Online; 3 cr.

5061 Foundations of Group Work

(A-F only;)

26689 001 LEC, 12:30-15:30 Th, Alderman Hall 415, In Person Term Based; Fiyaz Karim ; 3 cr.

5071 Foundations of Co-occurring

Disorders

(A-F only;)

26648 301 LEC, Completely Online; Ann Becher-Ingwalson ; 2 cr.
35006 302 LEC, Completely Online; 2 cr.
35502 303 LEC, Completely Online; 2 cr.

5081 Multicultural Foundations of

Behavioral Health

(A-F only;)

26688 001 LEC, 12:30-15:30 W, Hodson Hall 495, In Person Term Based; Fiyaz Karim ; 3 cr.

5091 Assessment and Treatment Planning I

(A-F only;)

26687 001 LEC, 17:30-20:00 W, Twin Cities Remote, Completely Online; Jesse Cramer ; 3 cr.

5121 Professional Seminar 1: Internship

Prep

(S-N only;)

26701 001 LEC, 15:30-17:00 M, Twin Cities Remote, 15:30-17:00 M, Twin Cities Remote, 15:30-17:00 M, Twin Cities Remote, 15:30-17:00 M, Twin Cities Remote, Completely Online; Debra Wamsley ; 1 cr.

5993 Directed Study

(Student Option; Prereq: dept consent)

26708 001 IND, In Person Term Based; 1-3 cr.

5996 Internship in Behavioral Health

(S-N only;)

26693 002 IND, 17:30-19:00 M, Twin Cities Remote, In Person Term Based; Debra Wamsley ; 1 cr.
33938 001 IND, 17:30-19:00 M, Twin Cities Remote, In Person Term Based; Debra Wamsley ; 1 cr.

Adult Psychiatry (ADPY)

5515 Neuropsychology: University

Hospitals

(O-N or Audit;)

24434 001 LEC, 00:00-00:00 , , In Person Term Based; 3-9 cr.
24435 002 LEC, 00:00-00:00 , , In Person Term Based; 3-9 cr.

Aerospace Engineering and Mech (AEM)

1301 Ballooning: Design, Build, and Fly

(Student Option No Audit;)

34042 001 LEC, 15:35-17:30 T, Rapson Hall 45, In Person Term Based; James Flaten ; 2 cr.

2011 Statics

(A-F or Audit; Prereq: PHYS 1301W, [concurrent registration is required (or allowed) in Math 2374 or equiv], CSE)

21025 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Maziar Hemati ; 3 cr.
21026 002 DIS, 10:10-11:00 T, Twin Cities Remote, Completely Online; 3 cr.
21027 003 DIS, 11:15-12:05 T, Twin Cities Remote, Completely Online; 3 cr.
21028 004 DIS, 14:30-15:20 T, Twin Cities Remote, Completely Online; 3 cr.
21029 005 DIS, 08:00-08:50 T, Twin Cities Remote, Completely Online; 3 cr.
23354 006 DIS, 15:35-16:25 T, Twin Cities Remote, Completely Online; 3 cr.

2012 Dynamics

(A-F or Audit; Prereq: 2011, [concurrent registration is required (or allowed) in Math 2373 or equiv], CSE student)

- 21030 001 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Ryan Elliott ; 3 cr.
21032 003 DIS, 13:25-14:15 T, Twin Cities Remote, Completely Online; 3 cr.

2021 Statics and Dynamics

(A-F or Audit; Prereq: Phys 1301W, [concurrent registration is required (or allowed) in Math 2373 or equiv], CSE)

- 21033 001 LEC, 12:20-13:10 MTWF, Twin Cities Remote, Completely Online; Todd Hesla ; 4 cr.
21034 002 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.
21035 003 DIS, 12:20-13:10 Th, Twin Cities Remote, Completely Online; 4 cr.
21036 004 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.
21037 005 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.
21296 006 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.

3031 Deformable Body Mechanics

(A-F or Audit; Prereq: [2011 or 2021 or [BMEN 3011, BMEN major]], [Math 2374 or equiv], [concurrent registration is required (or allowed) in Math 2373 or equiv], CSE)

- 21038 001 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Perry Leo ; 3 cr.
21039 002 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; 3 cr.
21040 003 DIS, 13:25-14:15 Th, Twin Cities Remote, Completely Online; 3 cr.
21041 004 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; 3 cr.
21042 005 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 3 cr.
22513 006 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; 3 cr.

3101 Mathematical Modeling and Simulation in Aerospace Engineering

(A-F only; Prereq: [MATH 2373 or equiv], AEM major)

- 22855 001 LEC, 09:05-09:55 WF, Twin Cities Remote, Completely Online; Joseph Mueller ; 2 cr.

4201 Fluid Mechanics

(A-F or Audit; Prereq: 2012, [Math 2373 or equiv], [Math 2374 or equiv], [CSE upper div or grad student])

- 21045 001 LEC, 10:10-12:05 MW, Twin Cities Remote, Completely Online; Joseph Nichols ; 4 cr.

4253 Computational Fluid Mechanics

(A-F or Audit; Prereq: 4201, CSCI 1113, CSE upper division)

- 23077 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 AEM 5253; Thomas Schwartzentruber ; 3 cr.

4290 Special Topics in Fluid Mechanics

(A-F only; Prereq: dept consent)

- 23524 001 LEC, In Person Term Based; 1-3 cr.

4293 Directed Studies in Fluid Mechanics

(Student Option; Prereq: dept consent)

- 23924 001 IND, In Person Term Based; 1-3 cr.

4321 Automatic Control Systems

(A-F or Audit; Prereq: CSE upper div or grad student)

- 22394 001 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Meets With: 001 EE 4231; Donatello Materassi ; 3 cr.

4331 Aerospace Vehicle Design

(A-F only; Prereq: [2301, 4202, AEM sr] or instr consent)

- 21043 001 LEC, 15:35-16:25 MWF, Twin Cities Remote, Completely Online; Chris Regan ; 4 cr.
21297 002 DIS, 17:00-17:50 F, Bruininks Hall 432, In Person Term Based; 4 cr.
21298 003 DIS, 17:00-17:50 M, Amundson Hall B75, In Person Term Based; 4 cr.
22095 004 DIS, 18:00-18:50 F, Bruininks Hall 432, In Person Term Based; 4 cr.
22096 005 DIS, 17:00-17:50 W, Bruininks Hall 220, In Person Term Based; 4 cr.

4493 Directed Studies in Aerospace Systems

(Student Option; Prereq: dept consent)

- 23917 001 IND, In Person Term Based; 1-3 cr.

4502 Computational Structural Analysis

(Student Option; Prereq: [Grade of at least C in 4501, [CSE upper div or grad student]] or instr consent)

- 23632 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Ellad Tadmor ; 3 cr.

4590 Special Topics in Solid Mechanics and Materials

(A-F only; Prereq: dept consent)

- 21044 001 LEC, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.

4593 Directed Studies: Solid Mechanics

(Student Option; Prereq: dept consent)

- 33687 001 IND, In Person Term Based; 1-3 cr.

4602W Aeromechanics Laboratory

(A-F or Audit; Prereq: 4201, 4501, 4601, [WRIT 1301 or equiv], [CSE upper div or grad]WI)

- 21299 001 LEC, 14:30-15:20 MW, Twin Cities Remote, Completely Online; Derya Aksaray, William Hambleton ; 4 cr.
21300 002 LAB, 08:00-11:00 T, Akerman Hall 25, In Person Term Based; 4 cr.
21301 003 LAB, 11:15-14:15 T, Akerman Hall 25, In Person Term Based; 4 cr.
21302 004 LAB, 14:30-17:30 T, Akerman Hall 25, In Person Term Based; 4 cr.
21303 005 LAB, 08:00-11:00 Th, Akerman Hall 25, In Person Term Based; 4 cr.
21304 006 LAB, 11:15-14:15 Th, Akerman Hall 25, In Person Term Based; 4 cr.
22532 007 LAB, 14:30-17:30 Th, Akerman Hall 25, In Person Term Based; 4 cr.

4796 Professional Experience

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

- 21497 001 FWK, In Person Term Based; Yohannes Ketema ; 3 cr.

4896 International Professional Experience

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

- 22776 001 FWK, Independent/Directed Study; Yohannes Ketema ; 3 cr.

5253 Computational Fluid Mechanics

(A-F or Audit; Prereq: [4201 or equiv], [CSci 1113 or equiv], CSE grad student)

- 23066 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 AEM 4253; Thomas Schwartzentruber ; 3 cr.

5321 Modern Feedback Control

(Student Option; Prereq: 4321 or EE 4231 or ME 5281 or equiv)

- 21155 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Meets With: 001 EE 5231; murti salapaka ; 3 cr.

5401 Intermediate Dynamics

(A-F or Audit; Prereq: CSE upper div or grad, 2012, Math 2243)

- 21134 001 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Yohannes Ketema ; 3 cr.

5451 Optimal Estimation

(Student Option; Prereq: [[MATH 2243 or STAT 3021 or equiv], [4321 or EE 4231 or ME 5281 or equiv]] or instr consent)

- 22366 001 LEC, 13:00-14:15 TTh, Keller Hall 3-210, In Person Term Based; Meets With: 001 EE 5251; Demoz Gebre Egziabher ; 3 cr.

5501 Continuum Mechanics

(Student Option; Prereq: CSE upper div or grad, 3031, Math 2243 or equiv or instr consent)

- 21137 001 LEC, 14:30-15:45 MW, Akerman Hall 209, In Person Term Based; Richard James ; 3 cr.

Aerospace Studies (AIR)**1000 Leadership Laboratory**

(S-N or Audit;)

- 26839 001 LAB, 16:00-18:00 Th, Armory Building 116, In Person Term Based; Justin Mason ; 1 cr.
26845 002 LAB, In Person Term Based; Frederick Freeman ; 1 cr.

1104 Heritage and Values of the United States Air Force

(A-F or Audit;)

- 26832 001 LEC, 11:15-12:05 Th, Armory Building 105, In Person Term Based; Drew Wacker ; 1 cr.
26833 002 LEC, 15:00-15:50 Th, Armory Building 105, In Person Term Based; Daniel Hatzung ; 1 cr.
26847 003 LEC, 10:10-11:00 Th, Armory Building 105, In Person Term Based; Daniel Hatzung, Drew Wacker ; 1 cr.
26939 004 LEC, In Person Term Based; Daniel Hatzung, Drew Wacker ; 1 cr.

1204 The Evolution of USAF Air and Space Power I

(A-F or Audit;)

- 26834 001 LEC, 13:25-14:15 T, Armory Building 105, In Person Term Based; Daniel Hatzung, Cole Johnson ; 1 cr.
26846 002 LEC, 10:10-11:00 T, Armory Building 105, In Person Term Based; Daniel Hatzung, Cole Johnson ; 1 cr.
26896 003 LEC, 08:30-09:20 T, Armory Building 105, In Person Term Based; Daniel Hatzung, Cole Johnson ; 1 cr.

3301 Air Force Leadership, Quality, and Communication

(A-F or Audit;)

- 26849 001 LEC, 05:15-07:45 M, Armory Building 116, In Person Term Based; Frederick Freeman ; 3 cr.
26850 002 LEC, In Person Term Based; Frederick Freeman ; 3 cr.

3401 National Security Policy

(A-F or Audit;)

- 26838 001 LEC, 05:15-07:45 W, Armory Building 116, In Person Term Based; Frederick Freeman ; 3 cr.

3402 Preparation for Active Duty

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

- 35133 001 LEC, 05:45-08:15 W, , In Person Term Based; Christopher Halvorson ; 3 cr.

African Amer & African Studies (AFRO)**1021 Introduction to Africa**

(Student Option; GP)

- 33587 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Josef Woldense ; 3 cr.

1911 Blackness and Reality Television

(A-F only; DSJ)

- 34112 001 DIS, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Elliott Powell ; 3 cr.

3006 Impact of African Migrations in the Atlantic World

(A-F or Audit;)

- 17879 001 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Victoria Coifman ; 3 cr.

3301 The Music of Black Americans

(Student Option; AH,DSJ)

- 17271 001 LEC, 09:45-11:00 , ONLINE, Completely Online; Yolanda Williams ; 3 cr.

3432 Modern Africa in a Changing World

(Student Option; GP,HIS)

- 15864 001 LEC, 09:45-11:00 TTh, Willey Hall 125, 09:45-11:00 TTh, ONLINE BLENDED, Primarily Online; Meets With: 001 HIST 3432; Allen Isaacman ; 3-4 cr.

3625W Women Writers of Africa and the African Diaspora

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

- 34517 001 LEC, Completely Online; Barbara Pierre-Louis ; 3 cr.

3866 The Civil Rights and Black Power Movement, 1954-1984

(Student Option;)

- 14599 001 LEC, 18:00-20:30 W, Twin Cities Remote, Completely Online; Meets With: 001 HIST 3856; Assata Kokayi ; 3 cr.

3993 Directed Study

(Student Option; Prereq-instr consent, dept consent, college consent.)

- 13525 001 IND, 00:00-00:00 , ONLINE, Completely Online; 1-5 cr.

4231 Color of Public Policy: African Americans, American Indians, Asian Americans & Chicanos in the U.S.

(Student Option;)
33586 001 LEC, 16:00-18:30 M, Twin Cities Remote, Completely Online; Meets With: 001 CHIC 4231001 AMIN 4231001 AAS 4231; Rose Brewer ; 3 cr.

4991W Thesis Research and Writing

(A-F or Audit; Prereq: dept consent/WI)
14568 001 IND, 00:00-00:00 , ONLINE, Completely Online; Yuichiro Onishi, Keith Mayes ; 3 cr.

5101 Seminar: Introduction to Africa and the African Diaspora

(Student Option;)
34265 001 LEC, 17:00-19:30 W, Twin Cities Remote, Completely Online; Rose Brewer ; 3 cr.

5993 Directed Study

(Student Option; Prereq: instr consent)
14233 001 IND, 00:00-00:00 , ONLINE, Completely Online; 1-3 cr.

Ag Educ, Comm & Mktg (AECM)**1001 Introduction to Agricultural Education, Communication & Marketing**

(Student Option;)
18291 001 LEC, 11:45-12:35 T, Alderman Hall 405, In Person Term Based; Garrett Steede ; 1 cr.
18849 002 DIS, 11:45-12:35 Th, Alderman Hall 405, In Person Term Based; Garrett Steede ; 1 cr.

2096 Career Exploration & Early Field Experience in Agricultural Education, Communication, and Marketing

(A-F only;)
18844 001 LEC, 13:30-15:30 W, Twin Cities Remote, Completely Online; Rebecca Swenson ; 2 cr.

2421W Professional Communication for Agriculture, Food, and the Environment

(A-F or Audit; WI)
18636 001 LEC, Completely Online; Rebecca Swenson ; 3 cr.
18637 002 DIS, 09:35-10:25 F, Twin Cities Remote, Completely Online; Rebecca Swenson ; 3 cr.
18652 003 DIS, 10:40-11:30 F, McNeal Hall 33, In Person Term Based; Rebecca Swenson ; 3 cr.
18653 004 DIS, 10:40-11:30 F, Twin Cities Remote, Completely Online; Rebecca Swenson ; 3 cr.
18900 005 DIS, 11:45-12:35 F, McNeal Hall 33, In Person Term Based; Rebecca Swenson ; 3 cr.

3051 Building Construction/Woodworking Technology

(A-F or Audit;)
18293 001 LAB, 11:45-12:45 F, Lrng & Environmental Sci 220, 11:45-14:00 MW, Facilities Management Bldg 228, In Person Term Based; Lee Thompson ; 4 cr.
35477 002 LAB, 13:00-14:00 F, Lrng & Environmental Sci 220, 11:45-14:00 TTh, Facilities Management Bldg 228, In Person Term Based; , Lee Thompson ; 4 cr.

3452 Digital Media Essentials for Agriculture, Food and the Environment

(A-F only;)
18940 001 LEC, 11:45-13:00 M, Lrng & Environmental Sci 230, Partially Online; Troy McKay ; 3 cr.

3993 Directed Study in Agricultural Education, Communication & Marketing

(Student Option; Prereq: department consent, instructor consent, no more than 6 credits of directed study counts towards CFANS major requirements.)
18869 001 IND, Independent/Directed Study; Amy Smith ; 1-4 cr.
18870 002 IND, Independent/Directed Study; Rebecca Swenson ; 1-4 cr.
18871 003 IND, Independent/Directed Study; Troy McKay ; 1-4 cr.
33003 004 IND, Independent/Directed Study; Lavyne Rada ; 1-4 cr.

4444 Food and Agricultural Marketing Campaigns

(A-F only;)
18942 001 LEC, 10:15-11:30 TTh, Twin Cities Remote, Completely Online; Garrett Steede ; 3 cr.

4451W Advanced Persuasive Writing for Agricultural and Environmental Sciences

(A-F or Audit; WI)
18848 001 LEC, 13:30-14:45 TTh, Twin Cities Remote, Completely Online; Garrett Steede ; 3 cr.

4452 Virtual Field Trip Production for Agriculture, Food & Natural Resource Science Education & Comm

(A-F only; Prereq: AECM 3452 or Instructor Consent)
33195 001 LEC, 09:35-12:05 F, Lrng & Environmental Sci 230, In Person Term Based; Troy McKay ; 3 cr.

5115 Foundations of Agricultural Education

(A-F only;)
18936 001 LEC, 15:00-16:15 MW, ONLINE BLENDED, 15:00-16:15 MW, Lrng & Environmental Sci 220, Partially Online; Becky Gerbitz ; 3 cr.

5135 Instructional Methodology for Agricultural Education

(A-F only; Prerequisites: Junior or senior Ag Ed student or Ag Ed MS IL student)
33004 001 LEC, 10:15-11:30 MW, Lrng & Environmental Sci 220, In Person Term Based; Becky Gerbitz ; 3 cr.

5145 Agricultural Education Classroom & Program Leadership

(A-F only; Prereqs: Jr or Sr Ag Ed student or Ag Ed MS IL student)
33005 001 LEC, 10:15-11:30 TTh, Twin Cities Remote, Completely Online; Amy Smith ; 3 cr.

5280 Current Issues for the Beginning Agricultural Education Teacher

(Student Option;)
18597 001 LEC, Completely Online; Amy Smith ; 1-3 cr.

5993 Directed Study in Agricultural Education and Extension

(Student Option;)
18341 001 IND, 00:00-00:00 , , Independent/Directed Study; Amy Smith ; 1-4 cr.
18584 002 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;)
18289 001 IND, 00:00-00:00 , , Independent/Directed Study; Amy Smith ; 1-5 cr.
18585 002 IND, 00:00-00:00 , , Independent/Directed Study; Rebecca Swenson ; 1-5 cr.

Agronomy and Plant Genetics (AGRO)**1103 Crops, Environment, and Society**

(Student Option; ENV)
18324 001 LEC, 10:15-11:30 TTh, Twin Cities Remote, Completely Online; Craig Sheaffer, Jacob Jungers ; 4 cr.
18325 003 LAB, 12:50-14:45 T, Twin Cities Remote, Completely Online; Craig Sheaffer, Jacob Jungers ; 4 cr.
18326 004 LAB, 15:00-16:55 T, Twin Cities Remote, Completely Online; Craig Sheaffer, Jacob Jungers ; 4 cr.
18327 002 LAB, 13:55-15:50 M, Twin Cities Remote, Completely Online; Craig Sheaffer, Jacob Jungers ; 4 cr.

1660W First-Year Colloquium/Experience in Agroecosystems Analysis

(A-F or Audit; Prereq: 1st yr in major hosted by Department of Agronomy and Plant Genetics/WI)
18501 001 LEC, 15:00-16:55 W, Twin Cities Remote, Completely Online; Kevin Smith ; 2 cr.

2402 The Science of Cannabis

(Student Option;)
18984 001 LEC, 15:00-16:50 W, Alderman Hall 405, Partially Online; Mary Brakke, Peter Morrell ; 2 cr.

3093 Directed Study

(Student Option; Prereq: department consent, instructor consent, no more than 6 credits of directed study counts towards CFANS major requirements.)
18368 001 IND, 00:00-00:00 , , In Person Term Based; Kevin Smith ; 1-4 cr.

3305 Agroecosystems of the world

(Student Option; GP)
18761 001 DIS, 08:45-10:00 TTh, ONLINE BLENDED, 08:45-10:00 TTh, Borlaug Hall 306, Partially Online; Mary Brakke ; 3 cr.

4093 Directed Studies for Advanced Students

(Student Option; Prereq: 15 cr in agronomy, instr consent)
18860 001 IND, In Person Term Based; Jochum Wiersma ; 1-4 cr.

4094W Undergraduate Directed Thesis Research

(S-N only; Prereq: Jr or Sr/WI)
18590 001 IND, 00:00-00:00 , , Independent/Directed Study; Kevin Smith ; 2 cr.

4096W Professional Experience Program: Internships

(A-F only; WI)
18335 001 LEC, 00:00-00:00 , , In Person Term Based; Mary Brakke ; 2 cr.

4605 Strategies for Agricultural Production and Management

(Student Option; Prereq: 1101 or equivalent, [CHEM1015/17 or equivalent], SOIL1125 or equivalent], [jr or sr or grad student or instr consent])
18756 001 LEC, 08:30-09:20 MW, Borlaug Hall 306, In Person Term Based; Jacob Jungers ; 3 cr.
18757 002 DIS, 09:35-10:25 W, Borlaug Hall 306, In Person Term Based; Jacob Jungers ; 3 cr.

4888 Issues in Sustainable Agriculture

(Student Option; Prereq: 1103, Soil 1125 or 2125 or equiv)
18499 001 LEC, 11:45-13:40 Th, Twin Cities Remote, Completely Online; Meets With: 001 SAGR 8010; Craig Sheaffer, Helene Murray ; 2 cr.

5021 Plant Breeding Principles

(Student Option;)
18796 001 LEC, 10:15-11:30 TTh, Twin Cities Remote, Completely Online; James Anderson ; 3 cr.

5311 Research Methods in Crop Improvement and Production

(S-N or Audit; Prereq: applied plant sciences grad)
18448 001 DIS, 08:00-10:00 , ONLINE, Completely Online; James Anderson ; 1 cr.

American Indian Studies (AMIN)**1001 Introduction to American Indian & Indigenous Peoples**

(Student Option; DSJ)
17752 001 DIS, Completely Online; Vicente Diaz ; 3 cr.

1002 Indigenous Peoples in Global Perspective

(A-F or Audit; GP)
16603 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 POL 1019; Christine DeLisle ; 3 cr.

1003 American Indians in Minnesota

(A-F or Audit; DSJ,HIS)
14580 001 LEC, Completely Online; Alex Ghebregzi ; 3 cr.
16036 002 LEC, Completely Online; Alex Ghebregzi, Jonathan Quenga Borja ; 3 cr.
16220 003 LEC, Completely Online; Alex Ghebregzi ; 3 cr.

3141 American Indian Language Planning

(A-F or Audit;)
34268 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Zoe Brown ; 3 cr.

3201W American Indian Literature

(A-F only; DSJ,WI,LITR)
14266 002 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Christopher Pexa ; 3 cr.
14880 003 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Christopher Pexa ; 3 cr.

3312 American Indian Environmental Issues and Ecological Perspectives

(Student Option; ENV)

16916 001 LEC, 13:00-15:30 Th, Bruininks Hall 312, In Person Term Based; Vicente Diaz ; 3 cr.

3409 American Indian Women:**Ethnographic and Ethnohistorical Perspectives****(Student Option; DSJ,HIS)**

16600 001 DIS, 13:25-15:20 T, Twin Cities Remote, Completely Online; Meets With: 001 AMIN 5409; Christine DeLisle ; 3 cr.

3872 American Indian History: 1830 to the Present**(Student Option; DSJ,HIS)**

17336 001 LEC, 16:00-18:30 T, Twin Cities Remote, Completely Online; Meets With: 001 HIST 3872; Jean O'Brien ; 3 cr.

4231 Color of Public Policy: African Americans, American Indians, Asian Americans, & Chicanos in the U.S.**(Student Option;)**

35136 001 LEC, 16:00-18:30 M, Twin Cities Remote, Completely Online; Meets With: 001 AFRO 4231001 CHIC 4231001 AAS 4231; Rose Brewer ; 3 cr.

4821W Capstone Seminar**(A-F only; WI)**

31356 001 IND, 13:00-15:00 M, Twin Cities Remote, Completely Online; Brenda Child ; 3 cr.

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

14949 001 IND, Independent/Directed Study; 1-12 cr.

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

14173 001 FWK, In Person Term Based; 1-12 cr.

5409 American Indian Women:**Ethnographic and Ethnohistorical Perspectives****(Student Option; DSJ,HIS)**

16601 001 DIS, 13:25-15:20 T, Twin Cities Remote, Completely Online; Meets With: 001 AMIN 3409; Christine DeLisle ; 3 cr.

5991 Graduate Level Directed Studies**(A-F or Audit; Prereq: dept consent)**

35777 001 IND, Independent/Directed Study; Vicente Diaz ; 1-6 cr.

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

11952 001 DIS, Completely Online; Jonathan Penny ; 5 cr.
11953 002 DIS, Completely Online; Brittney Stanek ; 5 cr.
11954 003 DIS, 08:30-10:25 MW, Twin Cities Remote, Completely Online; Shirley Applebee ; 5 cr.
11955 004 DIS, 10:40-12:35 MW, Twin Cities Remote, Completely Online; Brittney Stanek ; 5 cr.
11956 005 DIS, 12:50-14:45 MW, Twin Cities Remote, Completely Online; Sherri Rademacher ; 5 cr.
12789 007 DIS, 12:50-14:45 TTh, Twin Cities Remote, Completely Online; 5 cr.
12868 008 DIS, 15:00-16:55 TTh, Twin Cities Remote, Completely Online; Shirley Applebee ; 5 cr.
13226 006 DIS, 17:10-21:00 M, Twin Cities Remote, Completely Online; Bradley Hardin ; 5 cr.

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

11957 001 DIS, Completely Online; Sherri Rademacher ; 5 cr.
11958 003 DIS, 10:40-12:35 MW, Twin Cities Remote, Completely Online; Jonathan Penny ; 5 cr.
12156 004 DIS, 15:00-16:55 MW, Twin Cities Remote, Completely Online; Bradley Neubarth ; 5 cr.
12425 005 DIS, 08:30-10:25 TTh, Twin Cities Remote, Completely Online; Brittney Stanek ; 5 cr.
12894 006 DIS, 10:40-12:35 TTh, Twin Cities Remote, Completely Online; Shirley Applebee ; 5 cr.
12999 007 DIS, 12:50-14:45 TTh, Twin Cities Remote, Completely Online; Bradley Neubarth ; 5 cr.
13393 002 DIS, 08:30-10:40 MW, Twin Cities Remote, Completely Online; Sherri Rademacher ; 5 cr.

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

11959 002 DIS, 12:50-14:45 MW, Twin Cities Remote, Completely Online; Shirley Applebee ; 5 cr.
11960 004 DIS, 15:00-16:55 TTh, Twin Cities Remote, Completely Online; Bradley Hardin ; 5 cr.
12157 001 DIS, 08:30-10:25 MW, Twin Cities Remote, Completely Online; Bradley Neubarth ; 5 cr.
12158 005 DIS, 17:10-21:00 T, Twin Cities Remote, Completely Online; Bradley Neubarth ; 5 cr.
12869 003 DIS, 10:40-12:35 TTh, Twin Cities Remote, Completely Online; Bradley Hardin ; 5 cr.

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

11961 001 DIS, 12:50-14:45 MW, Twin Cities Remote, Completely Online; 5 cr.
11962 003 DIS, 08:30-10:25 TTh, Twin Cities Remote, Completely Online; Leah Dolezal ; 5 cr.
11963 004 DIS, 10:40-12:35 TTh, Twin Cities Remote, Completely Online; Sherri Rademacher ; 5 cr.
12181 002 DIS, 17:10-21:00 M, Twin Cities Remote, Completely Online; 5 cr.

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

16917 001 LEC, Completely Online; Kale Fajardo ; 3 cr.

1914 Woman, Rage, and Politics**(A-F only;)**

33144 001 DIS, 11:15-12:30 TTh, Akerman Hall 319, In Person Term Based; Bianet Castellanos ; 3 cr.

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

14917 001 LEC, Completely Online; David Karjanen ; 3 cr.

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

16660 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Elizabeth Hartman ; 3 cr.
18236 002 LEC, 13:00-15:30 Th, Twin Cities Remote, Completely Online; Brenda Child ; 3 cr.

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

17866 001 LEC, Completely Online; Elliott Powell ; 3 cr.

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

13931 001 LEC, Completely Online; Kale Fajardo ; 3 cr.

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

14610 001 LEC, Completely Online; 4 cr.
17249 002 DIS, 13:25-14:15 M, Twin Cities Remote, Completely Online; 4 cr.
17250 003 DIS, 14:30-15:20 M, Twin Cities Remote, Completely Online; 4 cr.
17251 004 DIS, 13:25-14:15 W, Twin Cities Remote, Completely Online; 4 cr.
17252 005 DIS, 14:30-15:20 W, Twin Cities Remote, Completely Online; 4 cr.

3361 Asian Americans and Food**(Student Option;)**

17868 001 LEC, Completely Online; Meets With: 001 AAS 3361; Martin Manalansan ; 3 cr.

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

35318 001 LEC, Completely Online; David Karjanen ; 3 cr.

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

14121 001 IND, Independent/Directed Study; Bianet Castellanos ; 1-9 cr.
34387 002 IND, In Person Term Based; Kevin Murphy ; 1-9 cr.

34388 003 IND, In Person Term Based; 1-9 cr.
34389 004 IND, In Person Term Based; Brenda Child ; 1-9 cr.
34390 005 IND, In Person Term Based; Martin Manalansan ; 1-9 cr.

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

16074 001 LEC, Completely Online; Vanessa Guzman ; 3 cr.

5920 Topics in American Studies**(Student Option;)**

35090 001 LEC, 15:35-17:30 Th, Twin Cities Remote, Completely Online; Meets With: 001 HIST 5910; David Chang ; 1-4 cr.

Anatomy (ANAT)**3001 Human Anatomy****(Student Option; Prereq: [BIOL 1002W or BIOL 1009 or BIOL 2002 or equiv], at least soph)**

24670 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Mark Cook ; 3 cr.
25474 002 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; 3 cr.

4900 Directed Studies in Anatomy**(S-N only; Prereq: instr consent)**

24671 001 IND, 00:00-00:00 , , In Person Term Based; Anthony Weinhaus ; 1-6 cr.

5095 Advanced Problems in Anatomy**(A-F only; Prereq: one or more ANAT classes, instr consent)**

24792 001 IND, 00:00-00:00 , , Independent/Directed Study; Anthony Weinhaus ; 1-6 cr.
24793 002 IND, 00:00-00:00 , , Independent/Directed Study; Mark Cook ; 1-6 cr.

5150 Human Gross Anatomy**(A-F only; Prereq: instr consent, For Medical Students, or Graduate students enrolled in an appropriate graduate program as determined by instructor.)**

24791 001 LAB, 08:00-12:05 TTh, Lab TBA, In Person Term Based; Anthony Weinhaus ; 5 cr.

Anesthesiology (ANES)**5587 Adv Clinical Physiology I for Nurse****Anesthetists****(A-F or Audit;)**

24483 001 LEC, In Person Term Based; 3 cr.

Animal Science (ANSC)**1001 Orientation to Animal Science****(A-F or Audit;)**

18493 001 LEC, 15:00-15:50 T, Twin Cities Remote, Completely Online; Melissa Palmer ; 1 cr.
18659 002 DIS, 16:00-17:15 T, Twin Cities Remote, Completely Online; Melissa Palmer ; 1 cr.
18660 003 DIS, 16:00-17:15 T, Twin Cities Remote, Completely Online; Melissa Palmer ; 1 cr.
18661 004 DIS, 16:00-17:15 T, Twin Cities Remote, Completely Online; Melissa Palmer ; 1 cr.
18662 005 DIS, 16:00-17:15 T, Twin Cities Remote, Completely Online; Melissa Palmer ; 1 cr.
18663 006 DIS, 16:00-17:15 T, Twin Cities Remote, Completely Online; Melissa Palmer ; 1 cr.
18664 007 DIS, 16:00-17:15 T, Twin Cities Remote, Completely Online; Melissa Palmer ; 1 cr.

1101 Introductory Animal Science**(Student Option;)**

18859 001 LEC, Completely Online; Anthony Seykora ; 4 cr.
18864 002 LAB, 15:00-16:55 W, Haecker Hall 365, In Person Term Based; Anthony Seykora ; 4 cr.
18865 003 LAB, 15:00-16:55 Th, Haecker Hall 365, In Person Term Based; Anthony Seykora ; 4 cr.
18866 004 LAB, 10:40-12:35 Th, Haecker Hall 365, In Person Term Based; Anthony Seykora ; 4 cr.
18867 005 LAB, 12:50-14:45 Th, Haecker Hall 365, In Person Term Based; Anthony Seykora ; 4 cr.

1205 Animal Handling - Livestock**(A-F only;)**

18833 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;)

18951 001 LEC, Completely Online; Marshall Stern ; 3 cr.

1511 Food Animal Products for Consumers
(Student Option;)

18349 001 LEC, 09:35-10:25 MWF, Haecker Hall 205, In Person Term Based; Kyle Rozeboom ; 3 cr.

1701 Historical Influence of the Horse on Society
(Student Option; HIS)

18592 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Melissa Palmer ; 3 cr.

1901 The journey of food in your body - digestive physiology
(Student Option;)

33013 001 DIS, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Milena Saqui-Salces ; 3 cr.

2011 Dairy Cattle Judging

(Student Option; Prereq: instr consent)

18339 001 FWK, 00:00-00:00 , No Room Required, In Person Term Based; Leslie Hansen ; 2 cr.

2015 Animal Welfare Science and Ethics
(A-F only;)

18949 001 LEC, 10:15-11:30 TTh, ONLINE BLENDED, 10:15-11:30 TTh, Biological Sciences Ctr 64, Partially Online; Meets With: 001 ANSC 5015; Beth Ventura ; 3 cr.

2016 Introduction to Applied Animal Behavior
(A-F only;)

18948 001 LEC, 13:30-14:45 TTh, ONLINE BLENDED, 13:30-14:45 TTh, Food Science & Nutrition 15, Partially Online; Beth Ventura ; 3 cr.

2055 Horse Management
(Student Option;)

18521 001 LEC, Completely Online; Krishona Martinson ; 2 cr.

2401 Animal Nutrition

(Student Option;)

18352 001 LEC, 09:35-10:25 MWF, ONLINE BLENDED, 09:35-10:25 MWF, Ruttan Hall B45, Partially Online; Marshall Stern, Mary Raeth ; 3 cr.

3011 Statistics for Animal Science
(Student Option;)18618 001 LEC, 08:45-10:00 TTh, Borlaug Hall 335, In Person Term Based; Mary Raeth ; 4 cr.
18619 002 LAB, 10:40-12:35 W, ONLINE BLENDED, 10:40-12:35 W, Ruttan Hall B35, Partially Online; Mary Raeth ; 4 cr.
18620 003 LAB, 11:45-13:40 W, ONLINE BLENDED, 11:45-13:40 W, McNeal Hall 33, Partially Online; Mary Raeth ; 4 cr.
34173 004 LAB, 12:50-14:45 W, ONLINE BLENDED, 12:50-14:45 W, Kaufert Laboratory 302, Partially Online; Mary Raeth ; 4 cr.**3015 Animal Welfare Judging and Assessment**
(Student Option;)

18857 001 LEC, 11:45-13:00 MW, Haecker Hall 205, In Person Term Based; Beth Ventura ; 3 cr.

3092 Undergraduate Research in Animal Science
(A-F only;)18579 001 IND, 00:00-00:00 , No Room Required, Independent/Directed Study; 1-3 cr.
18901 002 IND, Independent/Directed Study; Sally Noll ; 1-3 cr.**3142 Advanced Livestock Judging**

(Student Option; Prereq: instructor consent)

34172 001 LAB, In Person Term Based; Kyle Rozeboom ; 2 cr.

3221 Animal Breeding

(Student Option;)

18373 001 LEC, 08:30-09:20 MWF, Twin Cities Remote, Completely Online; Anthony Seykora ; 4 cr.
18374 002 LAB, 12:50-14:45 T, Animal Arena 115, In Person Term Based; Anthony Seykora ; 4 cr.
18375 003 LAB, 15:00-16:55 T, Animal Arena 115, In Person Term Based; Anthony Seykora ; 4 cr.**3301 Human and Animal Physiology**

(Student Option; Prereq: Must have taken a Biology and Chemistry course.)

18343 001 LEC, 10:40-11:30 MWF, Ruttan Hall B45, Partially Online; Melissa Palmer ; 3 cr.

3302 Human and Animal Physiology Laboratory

(Student Option; Prereq: 3301 or concurrent registration is required (or allowed) in 3301)

18582 001 LAB, 13:55-15:50 T, Food Science & Nutrition 218, In Person Term Based; Melissa Palmer ; 1 cr.
35681 002 LAB, 09:35-11:30 Th, Food Science & Nutrition 218, In Person Term Based; Melissa Palmer ; 1 cr.**3305 Reproductive Biology in Health and Disease**

(Student Option; Prereq: Biol 1009 or equiv)

18449 001 LEC, 13:55-14:45 MWF, Haecker Hall 205, In Person Term Based; Laura Mauro ; 4 cr.
18450 002 LAB, 09:35-11:30 T, Room TBA, In Person Term Based; Laura Mauro ; 4 cr.
18451 003 LAB, 15:00-16:55 Th, Room TBA, In Person Term Based; Laura Mauro ; 4 cr.**3307 Artificial Insemination Techniques**

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

18528 001 LAB, 00:00-00:00 , No Room Required, In Person Term Based; Anthony Seykora ; 1 cr.

3509 Animal Biotechnology

(Student Option; BIOL,TS)

18856 001 LEC, 11:45-13:00 MW, Ruttan Hall B25, In Person Term Based; Christopher Faulk ; 4 cr.
18882 004 LAB, 12:50-14:45 Th, Room TBA, In Person Term Based; Christopher Faulk ; 4 cr.**3609 Business Planning for Animal Enterprises**
(Student Option;)

18455 001 LEC, 12:50-14:45 T, Twin Cities Remote, Completely Online; Samuel Baidoo, Anup Kollanoor Johnny ; 2 cr.

4009W Undergraduate Research Thesis

(A-F or Audit; Prereq: Jr or sr major in AnSc, instr consent WI)

18516 001 IND, 00:00-00:00 , No Room Required, In Person Term Based; Laura Mauro ; 1-6 cr.

4092 Special Problems in Animal Science

(Student Option; Prereq: instr consent)

18350 001 IND, 00:00-00:00 , No Room Required, In Person Term Based; Anthony Seykora ; 1-4 cr.
18628 002 IND, 00:00-00:00 , No Room Required, Independent/Directed Study; Ryan Cox ; 1-4 cr.
18834 003 IND, Independent/Directed Study; Melissa Palmer ; 1-4 cr.
18897 004 IND, Independent/Directed Study; Beth Ventura ; 1-4 cr.**4093 Tutorial in Animal Science**

(Student Option; Prereq: instr consent)

18351 001 IND, In Person Term Based; 1-4 cr.

4096 Professional Experience Program: Internship

(S-N only; Prereq: CFANS undergrad, instr consent, agreement form)

18546 001 FWK, 00:00-00:00 , No Room Required, Independent/Directed Study; Andres Gomez ; 1-3 cr.
18547 002 FWK, 00:00-00:00 , No Room Required, Independent/Directed Study; Leslie Hansen ; 1-3 cr.
18548 003 FWK, 00:00-00:00 , No Room Required, Independent/Directed Study; Marcia Hathaway ; 1-3 cr.
18549 004 FWK, 00:00-00:00 , No Room Required, Independent/Directed Study; Laura Mauro ; 1-3 cr.
18550 005 FWK, 00:00-00:00 , No Room Required, Independent/Directed Study; Sally Noll ; 1-3 cr.
18551 006 FWK, 00:00-00:00 , No Room Required, Independent/Directed Study; Kyle Rozeboom ; 1-3 cr.
18552 007 FWK, 00:00-00:00 , No Room Required, Independent/Directed Study; Anthony Seykora ; 1-3 cr.
18553 008 FWK, 00:00-00:00 , No Room Required, Independent/Directed Study; Gerald Shurson ; 1-3 cr.
18576 010 FWK, 00:00-00:00 , No Room Required, Independent/Directed Study; Mary Raeth ; 1-3 cr.
18758 011 FWK, 00:00-00:00 , No Room Required, Independent/Directed Study; Melissa Palmer ; 1-3 cr.
18767 012 FWK, 00:00-00:00 , No Room Required, Independent/Directed Study; Anup Kollanoor Johnny ; 1-3 cr.18769 013 FWK, 00:00-00:00 , No Room Required, Independent/Directed Study; Christopher Faulk ; 1-3 cr.
18785 014 FWK, 00:00-00:00 , No Room Required, In Person Term Based; Scott O'Grady ; 1-3 cr.
18790 015 FWK, In Person Term Based; Milena Saqui-Salces ; 1-3 cr.
18861 016 FWK, Independent/Directed Study; Beth Ventura ; 1-3 cr.
18868 017 FWK, In Person Term Based; Brian Crooker ; 1-3 cr.**4099 Special Workshop in Animal Science**
(Student Option; Prereq: instr consent)

18805 001 IND, In Person Term Based; Beth Ventura ; 1-4 cr.

4401 Swine Nutrition

(Student Option; Prereq: 2401, 3511 recommended)

18346 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Gerald Shurson, Pedro Urriola ; 3 cr.

4603 Beef Production Systems Management

(Student Option; Prereq: concurrent registration is required (or allowed) in 4613)

18514 002 LAB, 09:35-12:20 Th, Room TBA, In Person Term Based; Meets With: 002 ANSC 4613; Alfredo DiCostanzo ; 4 cr.
18515 001 LEC, 08:30-09:20 TTh, Andrew Boss Laboratory 125, In Person Term Based; Meets With: 001 ANSC 4613; Alfredo DiCostanzo ; 4 cr.**4613 Advanced Beef Production Systems Management**

(Student Option; Prereq: 4603)

18517 001 LEC, 08:30-09:20 TTh, Andrew Boss Laboratory 125, In Person Term Based; Meets With: 001 ANSC 4603; Alfredo DiCostanzo ; 2 cr.
18518 002 LAB, 09:35-12:20 Th, Room TBA, In Person Term Based; Meets With: 002 ANSC 4603; Alfredo DiCostanzo ; 2 cr.**5015 Animal Welfare Science and Ethics**
(A-F only;)

34890 001 LEC, 10:15-11:30 TTh, ONLINE BLENDED, 10:15-11:30 TTh, Biological Sciences Ctr 64, Partially Online; Meets With: 001 ANSC 2015; Beth Ventura ; 3 cr.

5025 Gut Microbiome Systems

(A-F only;)

33382 001 LEC, 10:15-11:30 WF, Ruttan Hall B26, In Person Term Based; Andres Gomez ; 3 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)

18776 001 LEC, 13:30-14:45 TTh, Animal Science / Vet Med 495J, In Person Term Based; Meets With: 001 CFAN 3091V; Milena Saqui-Salces ; 3 cr.

5200 Statistical Genetics and Genomics

(Student Option; Prereq: [Stat 3021 or equiv], [Biol 4003 or equiv])

34263 001 LEC, Completely Online; Yang Da ; 4 cr.

5625 Nutritional Biochemistry

(Student Option; Prereq: BIOC 3021 or instr consent)

18599 001 LEC, 16:00-17:15 TTh, Borlaug Hall 335, In Person Term Based; Meets With: 001 NUTR 5625; Chi Chen ; 3 cr.

5702 Cell Physiology

(A-F only;)

34258 001 DIS, 10:40-11:30 MWFT, Twin Cities Remote, Completely Online; Meets With: 001 PHSL 4702001 PHSL 5702; Scott O'Grady ; 4 cr.

Anthropology (ANTH)**1001 Human Evolution**

(Student Option; BIOL)

14263 001 LEC, Completely Online; Meets With: 020 ANTH 1001; Gilliane Monnier, Gilbert Tostevin ; 4 cr.
14276 002 LAB, 09:00-11:00 M, Twin Cities Remote, Completely Online; 4 cr.
14277 003 LAB, 11:15-13:15 M, Twin Cities Remote, Completely Online; 4 cr.
14278 004 LAB, 13:30-15:30 M, Twin Cities Remote, Completely Online; 4 cr.

14279 005 LAB, 15:45-17:45 M, Twin Cities Remote, Completely Online; 4 cr.

14280 006 LAB, 08:45-10:45 T, Twin Cities Remote, Completely Online; 4 cr.

14281 007 LAB, 13:00-15:00 T, Twin Cities Remote, Completely Online; 4 cr.

14282 008 LAB, 15:15-17:15 T, Twin Cities Remote, Completely Online; 4 cr.

14283 009 LAB, 09:00-11:00 W, Twin Cities Remote, Completely Online; 4 cr.

14284 010 LAB, 11:15-13:15 W, Twin Cities Remote, Completely Online; 4 cr.

14285 011 LAB, 13:30-15:30 W, Twin Cities Remote, Completely Online; 4 cr.

14286 012 LAB, 15:45-17:45 W, Twin Cities Remote, Completely Online; 4 cr.

14287 013 LAB, 08:45-10:45 Th, Twin Cities Remote, Completely Online; 4 cr.

14288 014 LAB, 13:00-15:00 Th, Twin Cities Remote, Completely Online; 4 cr.

14290 021 LAB, 18:00-20:00 Th, Twin Cities Remote, Completely Online; 4 cr.

14291 022 LAB, 18:00-20:00 M, Twin Cities Remote, Completely Online; 4 cr.

16379 015 LAB, 11:15-13:15 F, Twin Cities Remote, Completely Online; 4 cr.

1003V Understanding Cultures: Honors (A-F only; Prereq: HonorsGP,WI,SOCS)

14154 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 ANTH 1003W; Hoon Song ; 4 cr.

14155 002 DIS, 14:30-15:20 W, Twin Cities Remote, Completely Online; Hoon Song ; 4 cr.

1003W Understanding Cultures (Student Option; GP,WI,SOCS)

13859 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 ANTH 1003V; Hoon Song ; 4 cr.

13860 002 DIS, 09:05-09:55 M, Twin Cities Remote, Completely Online; 4 cr.

13861 003 DIS, 10:10-11:00 M, Twin Cities Remote, Completely Online; 4 cr.

13862 004 DIS, 14:30-15:20 M, Twin Cities Remote, Completely Online; 4 cr.

13863 005 DIS, 09:05-09:55 W, Twin Cities Remote, Completely Online; 4 cr.

14430 006 DIS, 10:10-11:00 W, Twin Cities Remote, Completely Online; 4 cr.

15842 010 LEC, 18:20-20:20 M, Anderson Hall 270, Partially Online; 4 cr.

16389 007 DIS, 14:30-15:20 W, Twin Cities Remote, Completely Online; 4 cr.

16935 008 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.

31865 009 DIS, 11:05-11:55 M, Twin Cities Remote, Completely Online; 4 cr.

31866 011 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.

35226 020 DIS, Completely Online; 4 cr.

1911W Changing Human Adaptations (A-F only; ENV,WI)

34256 001 DIS, 10:00-11:15 MW, Twin Cities Remote, Completely Online; Martha Tappen ; 3 cr.

1914W From "O Brother Where Art Thou?" to "12 Years a Slave": American Cinema and American Roots Music (A-F only; DSJ,WI)

34211 001 DIS, 13:30-16:00 W, Twin Cities Remote, Completely Online; Gloria Raheja ; 3 cr.

2006 Humans and Aliens: Learning Anthropology through Science Fiction (Student Option; GP)

34794 001 LEC, 09:05-09:55 MWF, Blegen Hall 10, In Person Term Based; Meets With: 001 ANTH 3006; Gilbert Tostevin ; 3 cr.

3001 Introduction to Archaeology (Student Option; SOCS)

15477 001 LEC, Completely Online; Gilliane Monnier ; 4 cr.

15478 002 LAB, 11:25-12:45 M, Blegen Hall 317, In Person Term Based; 4 cr.

15479 003 LAB, 14:30-15:50 M, Blegen Hall 317, In Person Term Based; 4 cr.

18193 005 LAB, 11:25-12:45 W, Blegen Hall 317, In Person Term Based; 4 cr.

35459 006 LAB, 09:30-10:50 W, Blegen Hall 317, In Person Term Based; 4 cr.

3003 Cultural Anthropology

(Student Option;)

14156 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Gloria Raheja ; 3 cr.

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

34795 001 LEC, 09:05-09:55 MWF, Blegen Hall 10, In Person Term Based; Meets With: 001 ANTH 2006; Gilbert Tostevin ; 3 cr.

3015W Biology, Evolution, and Cultural Development of Language & Music (Student Option; SOCS,WI)

34791 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 ANTH 5015W; Michael Wilson ; 3 cr.

3021W Anthropology of the Middle East (A-F or Audit; GP,WI,SOCS)

31867 001 LEC, 09:45-11:00 T, Twin Cities Remote, Completely Online; Meets With: 001 ANTH 5021W; 3 cr.

3027W Archaeology of Prehistoric Europe (Student Option; HIS,WI)

14503 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 ANTH 5027W001 HIST 3067W; Peter Wells ; 3 cr.

3028 Introduction to Historical Archaeology (A-F or Audit;)

33739 001 LEC, 13:00-14:15 M, Blegen Hall 317, Partially Online; Kat Hayes ; 3 cr.

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

17531 001 LEC, Completely Online; Stuart McLean ; 3 cr.

3043 Art, Aesthetics and Anthropology (Student Option;)

31870 001 DIS, 14:30-15:45 TTh, Anderson Hall 310, In Person Term Based; Hoon Song ; 3 cr.

3049W Anthropology of Social Class (A-F only; WI)

31871 001 LEC, 13:00-15:30 W, Twin Cities Remote, Completely Online; David Lipset ; 3 cr.

3242W Hero, Savage, or Equal? Representations of NonWestern Peoples in the Movies (A-F only; WI)

16376 001 LEC, 13:00-16:00 Th, Twin Cities Remote, Completely Online; David Lipset ; 3 cr.

3306W Medical Anthropology

(A-F or Audit; Prereq: 1003 or 1005 or entry level soc sci course recommendedGP,WI)
17532 001 LEC, Completely Online; Karen-Sue Taussig ; 3 cr.

3327W Inca, Aztec & Maya Civilizations (A-F only; HIS,WI)

18051 001 LEC, Completely Online; Meets With: 001 ANTH 5327W; Steven Kosiba ; 3 cr.

3401 The Human Fossil Record

(A-F only; Prereq: 1001 or instr consent)
15840 001 LAB, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 ANTH 5401; 3 cr.

3501 Managing Museum Collections (A-F or Audit;)

31872 001 LEC, 15:00-17:30 W, Twin Cities Remote, Completely Online; Meets With: 001 ANTH 5501; Matt Edling, Charlie Iverson ; 3 cr.

3913 Capstone Project Planning

(A-F only; Prereq: [Jr or sr] anth major, instr consent)
13864 001 IND, 00:00-00:00 , , In Person Term Based; Erin Durban ; 1 cr.
15559 002 IND, 00:00-00:00 , , In Person Term Based; Aisha Ghani ; 1 cr.
15560 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1 cr.
15561 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1 cr.
15562 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1 cr.
15563 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1 cr.
15564 008 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1 cr.

15565 009 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1 cr.

15566 010 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1 cr.

15567 011 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1 cr.

15568 012 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1 cr.

15569 013 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1 cr.

15570 014 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1 cr.

15571 015 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1 cr.

15572 016 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1 cr.

15573 017 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1 cr.

15574 018 IND, 00:00-00:00 , , In Person Term Based; Michael Wilson ; 1 cr.

16937 007 IND, In Person Term Based; David Lipset ; 1 cr.

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

16377 001 FWK, 00:00-00:00 , , In Person Term Based; Matt Edling ; 1-4 cr.

4013 Capstone Project

(Student Option; Prereq: sr major, instr consent)
13918 001 IND, 00:00-00:00 , , In Person Term Based; Erin Durban ; 1-3 cr.
15575 002 IND, 00:00-00:00 , , In Person Term Based; Aisha Ghani ; 1-3 cr.
15576 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1-3 cr.
15577 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1-3 cr.
15578 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-3 cr.
15579 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1-3 cr.
15580 008 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-3 cr.
15581 009 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-3 cr.
15582 010 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-3 cr.
15583 011 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-3 cr.
15584 012 IND, In Person Term Based; Hoon Song ; 1-3 cr.
15585 013 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-3 cr.
15586 014 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-3 cr.
15587 015 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-3 cr.
15588 016 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-3 cr.
15589 017 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-3 cr.
15590 018 IND, 00:00-00:00 , , In Person Term Based; Michael Wilson ; 1-3 cr.
16939 007 IND, In Person Term Based; David Lipset ; 1-3 cr.
31899 021 IND, 09:30-12:00 F, Twin Cities Remote, Completely Online; Erin Durban ; 1-3 cr.

4035 Ethnographic Research Methods (Student Option; Prereq: 1003 or 1005 or grad student)

17953 001 FWK, Completely Online; Erin Durban ; 3 cr.

4047 Anthropology of American Culture (Student Option; SOCS)

17599 001 LEC, 14:30-15:45 Th, Twin Cities Remote, Completely Online; Elizabeth Hartman ; 3 cr.

4069 Historical Ecology & Anthropology of the Environment (Student Option;)

34205 001 LEC, 15:15-17:45 W, Twin Cities Remote, Completely Online; Steven Kosiba ; 3 cr.

4093 In-Class Capstone Project (A-F only;)

18098 001 IND, In Person Term Based; Erin Durban ; 1 cr.
18099 002 IND, In Person Term Based; Aisha Ghani ; 1 cr.
18100 003 IND, In Person Term Based; Serra Hakyemez ; 1 cr.
18101 004 IND, In Person Term Based; Kat Hayes ; 1 cr.
18102 005 IND, In Person Term Based; Karen Ho ; 1 cr.
18103 006 IND, In Person Term Based; Steven Kosiba ; 1 cr.
18104 007 IND, In Person Term Based; David Lipset ; 1 cr.
18105 008 IND, In Person Term Based; Stuart McLean ; 1 cr.
18106 009 IND, In Person Term Based; Kieran McNulty ; 1 cr.

18107 010 IND, In Person Term Based; Gilliane Monnier ; 1 cr.
 18108 011 IND, In Person Term Based; Gloria Raheja ; 1 cr.
 18109 012 IND, In Person Term Based; Hoon Song ; 1 cr.
 18110 013 IND, In Person Term Based; Martha Tappen ; 1 cr.
 18111 014 IND, In Person Term Based; Karen-Sue Taussig ; 1 cr.
 18112 015 IND, In Person Term Based; Gilbert Tostevin ; 1 cr.
 18113 016 IND, In Person Term Based; David Valentine ; 1 cr.
 18114 017 IND, In Person Term Based; Peter Wells ; 1 cr.
 18115 018 IND, In Person Term Based; Michael Wilson ; 1 cr.

4329 Primate Ecology and Social Behavior (A-F or Audit; Prereq: BIOL 1009 or BIOL 1951 or BIOL 3411 or ANTH 1001 or instr consent)

33747 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 001 EEB 4329; Michael Wilson ; 3 cr.
 33748 002 DIS, 16:00-16:50 T, Twin Cities Remote, Completely Online; 3 cr.
 33749 003 DIS, 13:25-14:15 Th, Twin Cities Remote, Completely Online; 3 cr.

4344 Europe and its Margins

(A-F only; Prereq: One course in [ANTH or GLOS])
 34983 001 LEC, Completely Online; Meets With: 001 GLOS 4344; Stuart McLean ; 3 cr.

4991 Independent Study

(Student Option; Prereq: instr consent)
 13866 001 IND, 00:00-00:00 , , In Person Term Based; Erin Durban ; 1-6 cr.
 15701 002 IND, 00:00-00:00 , , In Person Term Based; Aisha Ghani ; 1-6 cr.
 15702 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1-6 cr.
 15703 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1-6 cr.
 15704 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-6 cr.
 15705 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1-6 cr.
 15706 008 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-6 cr.
 15707 009 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-6 cr.
 15708 010 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-6 cr.
 15709 011 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-6 cr.
 15710 012 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-6 cr.
 15711 013 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-6 cr.
 15712 014 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-6 cr.
 15713 015 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-6 cr.
 15714 016 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-6 cr.
 15715 017 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-6 cr.
 15716 018 IND, 00:00-00:00 , , In Person Term Based; Michael Wilson ; 1-6 cr.
 16941 007 IND, In Person Term Based; David Lipset ; 1-6 cr.

4992 Directed Readings

(Student Option; Prereq: instr consent)
 13867 001 IND, 00:00-00:00 , , In Person Term Based; Erin Durban ; 1-6 cr.
 15685 002 IND, 00:00-00:00 , , In Person Term Based; Aisha Ghani ; 1-6 cr.
 15686 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1-6 cr.
 15687 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1-6 cr.
 15688 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-6 cr.
 15689 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1-6 cr.
 15690 008 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-6 cr.
 15691 009 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-6 cr.
 15692 010 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-6 cr.
 15693 011 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-6 cr.
 15694 012 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-6 cr.
 15695 013 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-6 cr.
 15696 014 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-6 cr.

15697 015 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-6 cr.
 15698 016 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-6 cr.
 15699 017 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-6 cr.
 15700 018 IND, 00:00-00:00 , , In Person Term Based; Michael Wilson ; 1-6 cr.
 16942 007 IND, In Person Term Based; David Lipset ; 1-6 cr.

4993 Directed Study

(Student Option; Prereq: instr consent)
 13868 001 IND, 00:00-00:00 , , In Person Term Based; Erin Durban ; 1-6 cr.
 15669 002 IND, 00:00-00:00 , , In Person Term Based; Aisha Ghani ; 1-6 cr.
 15670 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1-6 cr.
 15671 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1-6 cr.
 15672 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-6 cr.
 15673 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1-6 cr.
 15674 008 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-6 cr.
 15675 009 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-6 cr.
 15676 010 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-6 cr.
 15677 011 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-6 cr.
 15678 012 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-6 cr.
 15679 013 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-6 cr.
 15680 014 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-6 cr.
 15681 015 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-6 cr.
 15682 016 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-6 cr.
 15683 017 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-6 cr.
 15684 018 IND, 00:00-00:00 , , In Person Term Based; Michael Wilson ; 1-6 cr.
 16943 007 IND, In Person Term Based; David Lipset ; 1-6 cr.

4994W Directed Research

(Student Option; Prereq: instr consentWI)
 13869 001 IND, 00:00-00:00 , , In Person Term Based; Erin Durban ; 1-6 cr.
 14436 018 IND, 00:00-00:00 , , In Person Term Based; Michael Wilson ; 1-6 cr.
 15654 002 IND, 00:00-00:00 , , In Person Term Based; Aisha Ghani ; 1-6 cr.
 15655 003 IND, 00:00-00:00 , , In Person Term Based; Serra Hakyemez ; 1-6 cr.
 15656 004 IND, 00:00-00:00 , , In Person Term Based; Kat Hayes ; 1-6 cr.
 15657 005 IND, 00:00-00:00 , , In Person Term Based; Karen Ho ; 1-6 cr.
 15658 006 IND, 00:00-00:00 , , In Person Term Based; Steven Kosiba ; 1-6 cr.
 15659 008 IND, 00:00-00:00 , , In Person Term Based; Stuart McLean ; 1-6 cr.
 15660 009 IND, 00:00-00:00 , , In Person Term Based; Kieran McNulty ; 1-6 cr.
 15661 010 IND, 00:00-00:00 , , In Person Term Based; Gilliane Monnier ; 1-6 cr.
 15662 011 IND, 00:00-00:00 , , In Person Term Based; Gloria Raheja ; 1-6 cr.
 15663 012 IND, 00:00-00:00 , , In Person Term Based; Hoon Song ; 1-6 cr.
 15664 013 IND, 00:00-00:00 , , In Person Term Based; Martha Tappen ; 1-6 cr.
 15665 014 IND, 00:00-00:00 , , In Person Term Based; Karen-Sue Taussig ; 1-6 cr.
 15666 015 IND, 00:00-00:00 , , In Person Term Based; Gilbert Tostevin ; 1-6 cr.
 15667 016 IND, 00:00-00:00 , , In Person Term Based; David Valentine ; 1-6 cr.
 15668 017 IND, 00:00-00:00 , , In Person Term Based; Peter Wells ; 1-6 cr.
 16944 007 IND, In Person Term Based; David Lipset ; 1-6 cr.

5015W Biology, Evolution, and Cultural Development of Language & Music

(Student Option; SOCS,WI)
 34792 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 ANTH 3015W; Michael Wilson ; 3 cr.

5021W Anthropology of the Middle East (Student Option; GP,WI,SOCS)

31868 001 LEC, 09:45-11:00 T, Twin Cities Remote, Completely Online; Meets With: 001 ANTH 3021W; 3 cr.

5027W Archaeology of Prehistoric Europe (Student Option; HIS,WI)

13865 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 ANTH 3027W001 HIST 3067W; Peter Wells ; 3 cr.

5028 Introduction to Historical Archaeology (A-F or Audit;)

34054 001 LEC, 13:00-14:15 W, Blegen Hall 317, Partially Online; Kat Hayes ; 3 cr.

5327W Inca, Aztec & Maya Civilizations (A-F only; HIS,WI)

18052 001 LEC, Completely Online; Meets With: 001 ANTH 3327W; Steven Kosiba ; 3 cr.

5401 The Human Fossil Record (A-F only; Prereq: 1001 or instr consent)

15841 001 LAB, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 ANTH 3401; 3 cr.

5403 Quantitative Methods in Biological Anthropology (Student Option; Prereq: Basic univariate statistics course or instr consent)

34367 001 LAB, 09:00-10:40 TTh, Twin Cities Remote, Completely Online; Kieran McNulty ; 4 cr.

5442 Archaeology of the British Isles (A-F only;)

14970 001 LEC, 14:00-16:30 T, Twin Cities Remote, Completely Online; Meets With: 001 ANTH 8510; Peter Wells ; 3 cr.

5501 Managing Museum Collections (A-F or Audit;)

34513 001 LEC, 15:00-17:30 W, Twin Cities Remote, Completely Online; Meets With: 001 ANTH 3501; Matt Edling, Charlie Iverson ; 3 cr.

Apparel Design (ADES)

1221 Apparel Assembly Fundamentals

(A-F or Audit; Prereq: Pre-apparel design major or instr consent)

10925 001 LAB, 11:45-13:40 MW, McNeal Hall 205, Partially Online; Crystal Compton ; 3 cr.
 11329 002 LAB, 09:35-11:30 MW, ONLINE BLENDED, 09:35-11:30 MW, McNeal Hall 205, Partially Online; Robert Pettys Baker ; 3 cr.

2196 Work Experience in Apparel Design

(S-N only; Prereq: Plan submitted/approved by [adviser, internship supervisor], written approval of supervisor, instr consent)

10966 001 FWK, Independent/Directed Study; Elizabeth Bye ; 1-4 cr.
 10967 002 FWK, Independent/Directed Study; Linsey Griffin ; 1-4 cr.
 10968 003 FWK, Independent/Directed Study; Marilyn DeLong ; 1-4 cr.
 10969 004 FWK, Independent/Directed Study; Lucy Dunne ; 1-4 cr.
 11344 005 FWK, Independent/Directed Study; Brad Holschuh ; 1-4 cr.

2213 Textile Analysis

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

10882 001 LEC, Completely Online; Kathryn Reiley ; 4 cr.
 10883 002 LAB, 10:40-12:35 MW, Twin Cities Remote, Completely Online; 4 cr.
 10884 004 LAB, 08:30-10:25 TTh, Twin Cities Remote, Completely Online; 4 cr.
 11330 003 LAB, 16:05-18:00 MW, Twin Cities Remote, Completely Online; 4 cr.

2222 Apparel Design Studio II

(A-F or Audit; Prereq: [2221 or DHA 2221] with a grade of at least C-, Apparel Design major, pass portfolio review)

11135 001 LAB, 09:35-10:10 TTh, ONLINE BLENDED, 10:10-12:35 TTh, McNeal Hall 205, Partially Online; Linsey Griffin ; 4 cr.

3217 Fashion: Trends and Communication

(A-F or Audit;)

10885 001 DIS, 08:45-10:00 MW, Twin Cities Remote, Completely Online; Marilyn DeLong ; 3 cr.

3227 Technical Design Studio

(A-F only; Prereq: 2213, [3223 with grade of C or above])

11144 001 LAB, 12:50-15:50 TTh, Twin Cities Remote, Completely Online; Lucy Dunne ; 4 cr.

4160H Honors Capstone Project

(A-F only; Prereq: DHA honors)

10981 002 LEC, Independent/Directed Study; Linsey Griffin ; 2 cr.

10982 004 LEC, Independent/Directed Study; Lucy Dunne ; 2 cr.

10983 003 LEC, Independent/Directed Study; Marilyn DeLong ; 2 cr.

10984 001 LEC, Independent/Directed Study; Elizabeth Bye ; 2 cr.

31951 005 LEC, Independent/Directed Study; Brad Holschuh ; 2 cr.

4193 Directed Study in Apparel Design

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

10957 001 IND, Independent/Directed Study; Elizabeth Bye ; 1-4 cr.

10958 003 IND, Independent/Directed Study; Marilyn DeLong ; 1-4 cr.

10959 004 IND, Independent/Directed Study; Lucy Dunne ; 1-4 cr.

11264 005 IND, Independent/Directed Study; Linsey Griffin ; 1-4 cr.

11265 002 IND, Independent/Directed Study; 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)

10902 001 FWK, Independent/Directed Study; Elizabeth Bye ; 1-4 cr.

10928 003 FWK, Independent/Directed Study; Marilyn DeLong ; 1-4 cr.

10929 004 FWK, Independent/Directed Study; Lucy Dunne ; 1-4 cr.

11262 005 FWK, Independent/Directed Study; Linsey Griffin ; 1-4 cr.

11263 002 FWK, Independent/Directed Study; Brad Holschuh ; 1-4 cr.

4225 Apparel Design Studio V

(A-F or Audit; Prereq: [[3224 or DHA 3224], [3225 or DHA 3225]] with grade of at least C-, apparel design major)

10899 001 LAB, 13:55-16:55 MW, McNeal Hall 205, In Person Term Based; Luci Kandler ; 4 cr.

Apparel Studies (APST)**5193 Directed Study in Apparel Studies**

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

10892 001 IND, Independent/Directed Study; Elizabeth Bye ; 1-4 cr.

10930 002 IND, Independent/Directed Study; Linsey Griffin ; 1-4 cr.

10931 003 IND, Independent/Directed Study; Marilyn DeLong ; 1-4 cr.

10932 004 IND, Independent/Directed Study; Lucy Dunne ; 1-4 cr.

10933 005 IND, Independent/Directed Study; Brad Holschuh ; 1-4 cr.

10934 006 IND, Independent/Directed Study; Hye-Young Kim ; 1-4 cr.

10935 007 IND, Independent/Directed Study; Juanjuan Wu ; 1-4 cr.

11193 008 IND, Independent/Directed Study; Hyunjoo Im ; 1-4 cr.

31953 009 IND, Independent/Directed Study; Naeun Kim ; 1-4 cr.

Applied Business (ABUS)**3051 Career Search for the Professional Environment**

(Student Option; Prerequisites: None, but upper-division status recommended.)

26623 301 LEC, Completely Online; Carol Klempka ; 2 cr.

26635 302 LEC, Completely Online; Alyssa Maples ; 2 cr.

26747 303 LEC, Completely Online; Carol Klempka ; 2 cr.

3052 Career Building in the Remote Gig Economy

(A-F or Audit; Prerequisites: None)

33904 301 LEC, Completely Online; Uriah Giordana ; 2 cr.

33905 302 LEC, Completely Online; Uriah Giordana ; 2 cr.

3201 Digital Design Strategies for Small Business

(A-F or Audit; Prerequisites: None.)

34238 301 LEC, Completely Online; David Husom ; 4 cr.

3301 Introduction to Quality Management

(A-F or Audit; Prereq: Introductory statistics)

26619 301 LEC, Completely Online; Karen Schaffhausen ; 3 cr.

3510 Communicating Virtually Across Global Teams in Applied Business Settings

(A-F or Audit;)

26677 301 LEC, Completely Online; Ann Lowry ; 4 cr.

4013W Legal, Ethical, and Risk Issues for Managers

(A-F or Audit; Prereq: CMgt 4011 recommended for CMgt students, 45 semester creditsWI)

26725 301 LEC, Completely Online; Deborah Mackay ; 3 cr.

4022W Management in Organizations

(A-F or Audit; Prereq: 45 semester credits recommendedWI)

26539 301 LEC, Completely Online; Bradley Goodell ; 3 cr.

26727 302 LEC, Completely Online; Bradley Goodell ; 3 cr.

26739 304 LEC, Completely Online; Brian Simons ; 3 cr.

4023W Communicating for Results

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

26573 301 LEC, Completely Online; Bradley Goodell ; 3 cr.

26618 302 LEC, Completely Online; Bradley Goodell ; 3 cr.

4041 Dynamics of Leadership

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

26536 301 LEC, Completely Online; David Kaiser ; 3 cr.

4043 Project Management in Practice

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

26696 301 LEC, Completely Online; William Bengtson ; 3 cr.

4101 Accounting and Finance for Managers

(A-F or Audit; Prereq: Financial accounting, 45 cr)

26557 301 LEC, Completely Online; Stacy O'Fallon ; 3 cr.

4104 Management and Human Resource Practices

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

26537 301 LEC, Completely Online; Uriah Giordana ; 3 cr.

26759 302 LEC, Completely Online; Julie Tschida ; 3 cr.

4105 Becoming an Authentic Leader in an Applied Business Setting

(A-F or Audit; Prerequisites: None)

33906 301 LEC, Completely Online; Carol Klempka, Patricia Angulo ; 3 cr.

4151 Innovation for Leaders and Organizations

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

26588 301 LEC, Completely Online; Drew Grahek ; 3 cr.

4217 Real Estate Development: Process and Tools

(A-F or Audit; Prereq: 45 credits. Familiarity with finance and accounting concepts helpful.)

26684 301 LEC, Completely Online; Jody Tableporter ; 2 cr.

4501 Building and Running a Small Business Enterprise

(A-F or Audit; Prerequisites: None, although previous business experience or study will be helpful.)

26726 301 LEC, Completely Online; Geoffrey Kaufmann ; 4 cr.

4502 Inclusive Business Leadership: Advancing Diversity

(A-F or Audit;)

26772 301 LEC, Completely Online; Ralf Schirg ; 3 cr.

4515 Strategy and Management for a Sustainable Future

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

26621 301 LEC, Completely Online; Garth Hickle ; 3 cr.

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

(A-F or Audit; WI)

26697 301 LEC, Completely Online; Jeannine Kessler ; 3 cr.

4701 Introduction to Marketing

(A-F or Audit; Prereq: [Macroeconomics or microeconomics], 45 cr)

26559 301 LEC, Completely Online; Kay Rindels ; 3 cr.

4702 Applied Digital Marketing

(A-F or Audit; Prerequisites: None)

26752 301 LEC, Completely Online; Jeff Neidt ; 3 cr.

4705 Leadership and Management for the Professional Practice

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

31041 301 LEC, Completely Online; David Lee ; 3 cr.

Applied Economics (APEC)**1001 Orientation to Applied Economics**

(A-F or Audit;)

18296 001 LEC, 11:45-12:35 T, Food Science & Nutrition 15, Partially Online; Frances Homans ; 1 cr.

18850 002 DIS, 11:45-12:35 Th, Food Science & Nutrition 15, Partially Online; Frances Homans ; 1 cr.

1101 Principles of Microeconomics

(Student Option; GP,SOCS)

18600 005 DIS, 12:50-13:40 F, Twin Cities Remote, Completely Online; Donald Liu ; 4 cr.

18601 007 DIS, 09:35-10:25 F, Twin Cities Remote, Completely Online; Kenn Chua ; 4 cr.

18609 003 DIS, 10:40-11:30 F, Twin Cities Remote, Completely Online; Donald Liu ; 4 cr.

18610 001 LEC, 13:30-14:45 MW, Twin Cities Remote, Completely Online; Donald Liu ; 4 cr.

18611 002 DIS, 09:35-10:25 F, Twin Cities Remote, Completely Online; Donald Liu ; 4 cr.

18612 004 DIS, 11:45-12:35 F, Twin Cities Remote, Completely Online; Donald Liu ; 4 cr.

18774 006 LEC, 08:45-10:00 MW, Twin Cities Remote, Completely Online; Kenn Chua ; 4 cr.

18916 008 DIS, 10:40-11:30 F, Twin Cities Remote, Completely Online; Kenn Chua ; 4 cr.

35179 009 DIS, 08:30-09:20 F, Twin Cities Remote, Completely Online; Kenn Chua ; 4 cr.

1101H Principles of Microeconomics

(A-F only; Prereq: Honors student, proficiency in high school algebraGP,SOCS)

18568 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Donald Liu ; 4 cr.

18569 003 DIS, 11:15-12:05 W, Twin Cities Remote, Completely Online; Donald Liu ; 4 cr.

18845 002 DIS, 10:10-11:00 W, Twin Cities Remote, Completely Online; Donald Liu ; 4 cr.

18845 002 DIS, 10:10-11:00 W, Twin Cities Remote, Completely Online; Donald Liu ; 4 cr.

1201 Applications of Excel in Economics and Management

(A-F only;)

33200 001 LAB, Completely Online; Thomas Durfee ; 1 cr.

1251 Principles of Accounting

(A-F only;)

18297 001 LEC, 11:45-12:35 MWF, ONLINE BLENDED, 11:45-12:35 MWF, Ruttan Hall B45, Partially Online; Gary Cooper ; 3 cr.

1905 The Ordinary Business of Life: Issues in Business, Government, and Macroeconomics

(A-F only; Prereq: freshman)

33201 001 LEC, 15:35-18:30 Th, Carlson School of Mgmt 1-123, 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])

18298 001 LEC, 10:15-11:30 TTh, ONLINE BLENDED, 10:15-11:30 TTh, Food Science & Nutrition 15, Partially Online; Jason Kerwin ; 4 cr.
 18299 002 DIS, 10:40-11:30 F, Borlaug Hall 335, In Person Term Based; Jason Kerwin ; 4 cr.
 18441 003 DIS, 11:45-12:35 F, Twin Cities Remote, Completely Online; Jason Kerwin ; 4 cr.

3002 Managerial Economics

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

18300 001 LEC, 10:15-11:30 TTh, Twin Cities Remote, Completely Online; Jeffrey Aplan ; 4 cr.
 18301 002 LAB, 10:40-12:35 W, Twin Cities Remote, Completely Online; Jeffrey Aplan ; 4 cr.
 18302 003 LAB, 12:50-14:45 W, Twin Cities Remote, Completely Online; Jeffrey Aplan ; 4 cr.

3006 Applied Macroeconomics:

Government and the Economy

(Student Option; Prereq: **[[1102 or Econ 1102], [3001 or Econ 3101]]** or instr consent)

18303 001 LEC, 11:45-13:00 TTh, Twin Cities Remote, Completely Online; Silver Namunane ; 3 cr.

3202 An Introduction to the Food System:

Analysis, Management and Design

(Student Option;)

18770 001 LEC, 08:45-10:00 TTh, Twin Cities Remote, Completely Online; Hikaru Peterson ; 3 cr.

3411 Commodity Marketing

(Student Option; Prereq: **1101 or Econ 1101**)

18306 001 LEC, 09:35-10:25 M, Biological Sciences Ctr 64, Partially Online; Meets With: 001 APEC 5411; Edward Usset ; 3 cr.

3480 Topics in Applied Economics

(Student Option;)

34896 001 LEC, 15:00-15:50 MW, Twin Cities Remote, Completely Online; Stephen Polasky ; 1-4 cr.

3501 Agribusiness Finance

(Student Option; Prereq: **[[1251 or Acct 2050], 60 cr]** or instr consent)

18307 001 LEC, 08:45-10:00 T, Twin Cities Remote, 08:45-10:00 Th, ONLINE BLENDED, 08:45-10:00 Th, Food Science & Nutrition 15, Partially Online; Marin Bozic ; 3 cr.

3551 Concept Design and Value-Added Entrepreneurship in Food, Agricultural and Natural Resource Sciences

(A-F only;)

18803 001 FWK, Completely Online; Jeffrey Stamp ; 3 cr.

3811 Principles of Farm Management

(Student Option; Prereq: **1101 or Econ 1101**)

18634 001 LEC, 08:45-10:00 MW, ONLINE BLENDED, 08:45-10:00 MW, Andrew Boss Laboratory 125, Partially Online; Joleen Hadrich ; 3 cr.

3841 Agricultural Cooperatives and

Mutuals

(Student Option; Prereq: **ApEc 1101 or 1101H or Econ 1101 or 1101H**)

18846 001 LEC, 16:30-17:45 M, Ruttan Hall B35, Partially Online; Meets With: 001 APEC 5841; Michael Boland ; 3 cr.

3993 Directed Study in Applied Economics

(Student Option; Prereq: **department consent, instructor consent, no more than 6 credits of directed study counts towards CFANS major requirements.**)

34445 001 IND, Independent/Directed Study; 1-4 cr.
 34446 002 IND, Independent/Directed Study; 1-4 cr.
 34447 003 IND, Independent/Directed Study; 1-4 cr.

4451W Food Marketing Economics

(Student Option; Prereq: **[[1101 or Econ 1101], [1101H or Econ 1101H], SCO 2550 or STAT 3011 or equiv, 60 cr]** or instr consent(CIV,WI)

18308 001 LEC, 11:45-13:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 APEC 5451; Hikaru Peterson ; 3 cr.

5031 Methods of Economic Data Analysis

(Student Option; Prereq: **Math 1271, Stat 5021, knowledge of matrix algebra**)

18447 001 LEC, 16:30-17:45 TTh, Ruttan Hall B25, Partially Online; Caroline Carlin ; 3 cr.

5151 Applied Microeconomics: Firm and Household

(Student Option; Prereq: **(APEC 3001, Math 1272, and Math 2243)** or equiv or grad student or instr consent)

18345 001 LEC, 15:00-16:15 TTh, Ruttan Hall B25, In Person Term Based; Jason Kerwin ; 3 cr.

5411 Commodity Marketing

(Student Option; Prereq: **graduate student and 1101 or Econ 1101**)

18836 001 LEC, 09:35-10:25 M, Biological Sciences Ctr 64, Partially Online; Meets With: 001 APEC 3411; Edward Usset ; 3 cr.

5451 Food Marketing Economics

(A-F or Audit;)

18463 001 LEC, 11:45-13:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 APEC 4451W; Hikaru Peterson ; 3 cr.

5841 Agricultural Cooperatives and

Mutuals

(Student Option;)

18847 001 LEC, 16:30-17:45 M, Ruttan Hall B35, Partially Online; Meets With: 001 APEC 3841; Michael Boland ; 3 cr.

5991 Independent Study in Applied

Economics

(Student Option; Prereq: **instr consent**)

34437 001 IND, Independent/Directed Study; 1-4 cr.
 34438 002 IND, Independent/Directed Study; 1-4 cr.
 34439 003 IND, Independent/Directed Study; 1-4 cr.
 34440 004 IND, Independent/Directed Study; 1-4 cr.

Applied Professional Studies (APS)

5103 Integration of Sustainable Agriculture

Concepts

(A-F only; Prereq: **AGRO 1101 or AGRO 1103 or BIOL 1001 or BIOL 1009 or HORT 1001 or HORT 6011** or instr consent, [sr or grad student admitted to MPS in horticulture] Because of the 5xxx level, undergraduates need permission numbers to register. Students can obtain permissions by writing to: reefx001@umn.edu)

33860 001 LEC, 18:20-20:50 Th, Twin Cities Remote, Completely Online; Andrew Petran ; 3 cr.

5950 Topics in APS

(A-F only;)

33863 001 LEC, 13:00-15:00 F, Room TBA, 13:00-15:00 F, Room TBA, 13:00-15:00 F, Room TBA, 13:00-15:00 F, Ruttan Hall B25, 13:00-15:00 F, Ruttan Hall B25, 13:00-15:00 F, Ruttan Hall B25, In Person Term Based; David Remucal ; 1-3 cr.

Arabic (ARAB)

1101 Beginning Arabic I

(Student Option No Audit;)

16138 001 LEC, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 ARAB 4101; 5 cr.
 16139 002 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 ARAB 4101; 5 cr.
 16140 003 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 ARAB 4101; Mohammed Hussein ; 5 cr.
 16141 004 LEC, 14:30-15:20 MTWThF, Twin Cities Remote, Completely Online; Meets With: 004 ARAB 4101; Katrien Vanpee, Emily Sumner ; 5 cr.

3101 Intermediate Arabic I

(Student Option No Audit;)

14840 002 LEC, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 ARAB 4121; Mohammed Hussein ; 5 cr.
 15062 001 LEC, 08:00-08:50 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 ARAB 4121; Mohammed Hussein ; 5 cr.
 15808 003 LEC, 16:40-17:30 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 ARAB 4121; 5 cr.

3290 Arabic Language Teaching Tutorial

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

15869 001 FWK, In Person Term Based; 1 cr.

3993 Directed Study

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

16089 001 IND, In Person Term Based; 1-3 cr.

4101 Beginning Arabic I for Graduate Student Research

(Student Option No Audit;)

15449 001 LEC, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 ARAB 1101; 5 cr.
 15451 002 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 ARAB 1101; 5 cr.
 15452 003 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 ARAB 1101; Mohammed Hussein ; 5 cr.
 15453 004 LEC, 14:30-15:20 MTWThF, Twin Cities Remote, Completely Online; Meets With: 004 ARAB 1101; Katrien Vanpee, Emily Sumner ; 5 cr.

4121 Intermediate Arabic I for Graduate

Student Research

(Student Option No Audit; Prereq: **4102 or equiv**)

15450 001 LEC, 08:00-08:50 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 ARAB 3101; Mohammed Hussein ; 5 cr.
 15454 002 LEC, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 ARAB 3101; Mohammed Hussein ; 5 cr.
 15809 003 LEC, 16:40-17:30 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 ARAB 3101; 5 cr.

5101 Advanced Arabic I

(Student Option No Audit; Prereq: **Grade B- or higher in 3102 or instr consent**)

13667 001 LEC, 10:10-11:00 MTWTh, Twin Cities Remote, Completely Online; Katrien Vanpee ; 4 cr.

5992 Directed Readings

(Student Option;)

18218 001 IND, In Person Term Based; Katrien Vanpee ; 1-3 cr.

Arabic Lang/Culture in Morocco (MRCO)

Architecture (ARCH)

1281 Design Fundamentals I

(A-F only; AH)

11157 001 LEC, 14:30-15:20 T, Twin Cities Remote, Completely Online; Mike Christenson ; 4 cr.
 11158 002 LEC, 14:30-15:20 Th, Twin Cities Remote, Completely Online; Mike Christenson ; 4 cr.
 11159 003 LAB, 15:45-17:45 TTh, Twin Cities Remote, Completely Online; Mike Christenson ; 4 cr.
 11160 004 LAB, 15:45-17:45 TTh, Twin Cities Remote, Completely Online; Mike Christenson ; 4 cr.
 11161 005 LAB, 15:45-17:45 TTh, Twin Cities Remote, Completely Online; 4 cr.
 11162 006 LAB, 15:45-17:45 TTh, Twin Cities Remote, Completely Online; Mike Christenson ; 4 cr.
 11163 007 LAB, 18:00-20:00 TTh, Twin Cities Remote, Completely Online; Mike Christenson ; 4 cr.
 11164 008 LAB, 18:00-20:00 TTh, Twin Cities Remote, Completely Online; Mike Christenson ; 4 cr.
 11165 009 LAB, 18:00-20:00 TTh, Twin Cities Remote, Completely Online; Mike Christenson ; 4 cr.
 11166 011 LAB, 15:45-17:45 TTh, Twin Cities Remote, Completely Online; Mike Christenson ; 4 cr.

1621V Introduction to Critical Inquiry in

Practice

(A-F only; WI)

34484 001 LEC, 08:15-09:30 MW, Twin Cities Remote, Completely Online; Meets With: 001 ARCH 1621W; Gayla Lindt ; 3 cr.
 34485 002 DIS, 08:00-08:50 F, Twin Cities Remote, Completely Online; Gayla Lindt ; 3 cr.

1621W Introduction to Critical Inquiry in Practice

(A-F only; WI)

33766 001 LEC, 08:15-09:30 MW, Twin Cities Remote, Completely Online; Meets With: 001 ARCH 1621V; Gayla Lindt ; 3 cr.
 34344 002 DIS, 08:00-08:50 F, Twin Cities Remote, Completely Online; Gayla Lindt ; 3 cr.
 34345 003 DIS, 08:00-08:50 F, Twin Cities Remote, Completely Online; Gayla Lindt ; 3 cr.
 34346 004 DIS, 09:05-09:55 F, Twin Cities Remote, Completely Online; Gayla Lindt ; 3 cr.
 34347 005 DIS, 09:05-09:55 F, Twin Cities Remote, Completely Online; Gayla Lindt ; 3 cr.

34348 006 DIS, 10:10-11:00 F, Twin Cities Remote,
Completely Online; Gayla Lindt ; 3 cr.
34349 007 DIS, 10:10-11:00 F, Twin Cities Remote,
Completely Online; Gayla Lindt ; 3 cr.

3250 Design Workshop

(A-F only; Prereq: 2281, [Arch BA or BDA major])
34277 003 LEC, 14:25-17:25 MW, Twin Cities Remote,
Completely Online; Mark Tambornino ; 1-6 cr.
34278 004 LEC, 09:05-12:05 MW, Twin Cities Remote,
Completely Online; Aaron Marx ; 1-6 cr.
34279 005 LEC, 14:25-17:25 TTh, ONLINE BLENDED,
14:25-17:25 TTh, Rapson Hall 43, Partially Online; Hans-
Christian Karlberg ; 1-6 cr.
34280 006 LEC, 13:25-16:25 MF, Twin Cities Remote,
Completely Online; Michael Bjornberg ; 1-6 cr.
34281 007 LEC, 09:05-12:05 MW, Twin Cities Remote,
Completely Online; Teri Kwant ; 1-6 cr.
34282 008 LEC, 14:25-17:25 TTh, ONLINE BLENDED,
14:25-17:25 TTh, Rapson Hall 43, Partially Online; Dzenita
Hadziomerovic ; 1-6 cr.
34283 009 LEC, 13:25-17:25 MF, Twin Cities Remote,
Completely Online; Mary Guzowski-Lindbeck ; 1-6 cr.
35274 001 LEC, 13:25-17:25 MW, ONLINE BLENDED,
13:25-17:25 MW, Rapson Hall 251, Partially Online;
Andrzej Piotrowski ; 1-6 cr.
35275 010 LEC, 14:25-17:25 WF, ONLINE BLENDED,
14:25-17:25 WF, Civil Engineering Bldg 212, Partially
Online; Salvador Rocha Blumenkron ; 1-6 cr.

3281 Undergraduate Architecture Studio I

(A-F only; Prereq: BS Arch major)
10971 001 LAB, 13:25-17:30 MWF, ONLINE BLENDED,
13:25-17:30 MWF, , Partially Online; Nina Ebighausen ;
6 cr.

3351 AutoCAD I

(Student Option; Prereq: Arch major or BED major or
instr consent)
11376 001 LEC, 18:30-21:00 M, Twin Cities Remote,
Completely Online; Darin Duch ; 3 cr.

3391 Design and Representation with BIM

(A-F or Audit;)
11247 001 LEC, 18:00-20:30 T, Twin Cities Remote,
Completely Online; Benjamin Delwiche ; 3 cr.

3411V Architectural History to 1750

(A-F only; Prereq: Soph or aboveGP,WI,HIS)
11128 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 ARCH 3411W; Robert
Ferguson ; 3 cr.
11129 002 DIS, 13:25-14:15 T, Twin Cities Remote,
Completely Online; Robert Ferguson ; 3 cr.

3411W Architectural History to 1750

(A-F or Audit; Prereq: Soph or aboveGP,WI,HIS)
10865 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 ARCH 3411V; Robert
Ferguson ; 3 cr.
10866 002 DIS, 14:30-15:20 T, Twin Cities Remote,
Completely Online; Robert Ferguson ; 3 cr.
10867 005 DIS, 09:05-09:55 F, Twin Cities Remote,
Completely Online; 3 cr.
10868 010 DIS, 11:15-12:05 F, Twin Cities Remote,
Completely Online; 3 cr.
10869 013 DIS, 09:05-09:55 F, Twin Cities Remote,
Completely Online; Robert Ferguson ; 3 cr.
10970 008 DIS, 10:10-11:00 F, Twin Cities Remote,
Completely Online; 3 cr.

3611 Design in the Digital Age

(A-F or Audit;)
11306 001 LEC, 11:15-12:30 MW, Twin Cities Remote,
Completely Online; Phillip Rader ; 3 cr.

3711V Honors: Environmental Design and the Sociocultural Context

(A-F only; Prereq: Honors, [soph or
above]CIV,WI,SOCS)
10917 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 ARCH 3711W; James
Wheeler ; 3 cr.
10918 002 DIS, 13:25-14:15 Th, Twin Cities Remote,
Completely Online; James Wheeler ; 3 cr.

3711W Environmental Design and the Sociocultural Context

(A-F only; Prereq: Soph or aboveCIV,WI,SOCS)
10871 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 ARCH 3711V; James
Wheeler ; 3 cr.
10872 002 DIS, 10:10-11:00 F, Twin Cities Remote,
Completely Online; James Wheeler ; 3 cr.

10873 003 DIS, 15:35-16:25 Th, Twin Cities Remote,
Completely Online; James Wheeler ; 3 cr.
10874 004 DIS, 14:30-15:20 Th, Twin Cities Remote,
Completely Online; James Wheeler ; 3 cr.
10875 005 DIS, 11:15-12:05 F, Twin Cities Remote,
Completely Online; James Wheeler ; 3 cr.
10973 011 DIS, 09:05-09:55 F, Twin Cities Remote,
Completely Online; James Wheeler ; 3 cr.
11285 006 DIS, 13:25-14:15 Th, Twin Cities Remote,
Completely Online; James Wheeler ; 3 cr.
11395 012 DIS, 13:25-14:15 Th, Twin Cities Remote,
Completely Online; James Wheeler ; 3 cr.

4150 Topics in Architecture

(A-F or Audit; Prereq: Arch major or instr consent)
34426 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 ARCH 5450; Jennifer
Newsom ; 1-4 cr.

4194H Thesis/Capstone Project

(A-F only; Prereq: Arch major, sr, honours)
11137 001 IND, Completely Online; Gail Dubrow ; 3 cr.

4283 Undergraduate Architecture Studio III

(A-F only; Prereq: [3282 or 4282], B.S. Arch major)
10972 001 LAB, 13:25-17:30 MWF, Twin Cities Remote,
Completely Online; 6 cr.

4321 Architecture in Watercolor

(A-F or Audit; Prereq: 2301)
10960 001 LEC, 18:00-20:00 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 ARCH 5321; Courtney
Miller Bellairs ; 3 cr.

4341 Architecture Portfolio Design

(A-F only;)
11231 001 LAB, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Martha McQuade ; 3 cr.

4410 Topics in Architectural History

(A-F only;)
34208 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 ARCH 5410; Daniela
Sandler ; 1-4 cr.

4432 Modern Architecture

(A-F or Audit; Prereq: 3412 or instr consent)
34423 001 LEC, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 ARCH 5432; Katherine
Solomonson ; 3 cr.

4511 Materials and Methods I

(A-F or Audit; Prereq: BS Arch major or BDA major jrl
sr)
10974 001 LEC, 09:45-11:00 MW, Twin Cities Remote,
Completely Online; Dan Handeen ; 3 cr.

4521 Environmental Technology I

(A-F or Audit; Prereq: BS Arch major)
11228 001 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Patrick Smith ; 3 cr.

4571 Architectural Structures I

(A-F or Audit; Prereq: BS Arch major)
10976 002 LEC, 16:00-17:15 TTh, Twin Cities Remote,
Completely Online; Meghan Cronin ; 3 cr.

4671 Historic Preservation

(A-F or Audit; Prereq: Jr or sr or instr consent)
34514 001 LEC, 09:45-12:30 T, Twin Cities Remote,
Completely Online; Meets With: 001 ARCH 5671; Gregory
Donofrio ; 3 cr.

4672 Historic Building Conservation

(A-F or Audit; Prereq: 4671 or concurrent enrollment in
4671 or instr consent)
11377 001 LEC, 09:05-12:05 F, Twin Cities Remote,
Completely Online; Meets With: 001 ARCH 5672; Todd
Grover ; 3 cr.

5212 Undergraduate Architecture Studio 05: Advanced Design

(A-F only; Prereq: C- or better in 3281, 3282, 4283,
4284)
11248 001 LAB, 13:25-17:30 MWF, ONLINE BLENDED,
13:25-17:30 MWF, , Partially Online; Julia Robinson ; 6 cr.

5392 Digital Documentation: Facades

(A-F or Audit;)
11249 001 LEC, 18:00-20:40 T, Twin Cities Remote,
Completely Online; Alex Terzich ; 3 cr.

5410 Topics in Architectural History

(A-F or Audit;)

34209 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 ARCH 4410; Daniela
Sandler ; 3 cr.

5411 Principles of Design Theory

(A-F or Audit; Prereq: M Arch major or instr consent)
11359 001 LEC, 11:15-12:30 MW, Twin Cities Remote,
Completely Online; Thomas Fisher ; 3 cr.

5412 Architecture: A Global and Cultural History

(A-F only;)
11229 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Daniela Sandler ; 3 cr.

5432 Modern Architecture

(A-F or Audit; Prereq: MS Arch or M Arch major or instr
consent)
34424 001 LEC, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 ARCH 4432; Katherine
Solomonson ; 3 cr.

5450 Topics in Architectural Theory

(A-F or Audit;)
34425 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 ARCH 4150; Jennifer
Newsom ; 1-3 cr.

5562 Tech 2, Intro to Building Technology

(A-F only; Prereq: M.Arch or instr consent)
11185 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Jacob Mans ; 3 cr.

5563 Tech 3: Advanced Building Technology Integrated Building Systems

(A-F only; Prereq: M.Arch or instr consent)
11205 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Jacob Mans ; 3 cr.

5564 Tech 4: Building Structural Systems

(A-F only; Prereq: M.Arch or instr consent)
11206 001 LEC, 08:15-09:30 TTh, Twin Cities Remote,
Completely Online; Kirk Davis ; 3 cr.

5609 Development and Implementation of Research

(A-F only; Prereq: instr consent)
11182 001 DIS, 09:45-11:00 MW, Twin Cities Remote,
Completely Online; Julia Robinson ; 3 cr.

5621 Professional Practice in Architecture

(A-F or Audit; Prereq: M Arch major or instr consent)
10913 001 LEC, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; Catherine Malmberg ; 3 cr.

5630 Practicum: Advanced Issues in Practice

(S-N only; Prereq: M.S. Architecture or M.Arch)
11187 001 LEC, Completely Online; Dustin Schipper ; 3 cr.

5671 Historic Preservation

(Student Option;)
11305 001 LEC, 09:45-12:30 T, Twin Cities Remote,
Completely Online; Meets With: 001 ARCH 4671; Gregory
Donofrio ; 3 cr.

5672 Historic Building Conservation

(Student Option; Prereq: 3412, 5671 or instr consent)
11360 001 LEC, 09:05-12:05 F, Twin Cities Remote,
Completely Online; Meets With: 001 ARCH 4672; Todd
Grover ; 3 cr.

5674 World Heritage Conservation

(A-F only; Prereq: MS in Arch-HP concentration or
M.ARCH or MLA or instr consent)
34515 001 LEC, 09:45-12:30 Th, ONLINE BLENDED,
09:45-12:30 Th, , Partially Online; Arthur Chen ; 3 cr.

5686 Research Practices Final Project: Research into Practice

(A-F only; Prereq: MS-RP student)
11234 001 FWK, 00:00-00:00 , ONLINE, Completely Online;
Malini Srivastava ; 4 cr.

5687 Research Practices Final Project: Practice into Research

(S-N only; Prereq: Arch 5686)
11291 001 FWK, Completely Online; Malini Srivastava ; 4 cr.

5688 Research Practices Final Project: Representation of Case Studies

(A-F only; Prereq: Arch 5686)

11292 001 FWK, Completely Online; Malini Srivastava ; 1 cr.

5993 Directed Study

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

11313 001 IND, Completely Online; Mike Christenson ; 1-4 cr.
11314 002 IND, Completely Online; Richard Graves ; 1-4 cr.
11383 008 IND, Independent/Directed Study; Malini Srivastava ; 1-4 cr.
35160 016 IND, Completely Online; Julia Robinson ; 1-4 cr.
35390 017 IND, In Person Term Based; Jacob Mans ; 1-4 cr.

Art (ARTS)

1001 Introduction to Contemporary Art and Theory

(Student Option; DSJ,AH)

14504 001 LEC, 09:05-10:00 F, Twin Cities Remote, Completely Online; Meets With: 001 ARTS 1001H; Christina Schmid ; 3 cr.
16191 004 DIS, 10:00-12:05 F, Twin Cities Remote, Completely Online; Christina Schmid ; 3 cr.
16621 002 DIS, 10:00-12:05 F, Twin Cities Remote, Completely Online; Christina Schmid ; 3 cr.
16622 003 DIS, 10:00-12:05 F, Twin Cities Remote, Completely Online; Christina Schmid ; 3 cr.
16623 005 LEC, 09:05-09:35 MW, Twin Cities Remote, Completely Online; Christina Schmid ; 3 cr.
16624 006 DIS, 09:35-10:35 MW, Twin Cities Remote, Completely Online; Christina Schmid ; 3 cr.
16625 007 DIS, 09:35-10:35 MW, Twin Cities Remote, Completely Online; Christina Schmid ; 3 cr.

1001H Honors Introduction to Contemporary Art and Theory

(A-F or Audit; Prereq: Honors studentAH,DSJ)

16875 001 LEC, 09:05-10:00 F, Twin Cities Remote, Completely Online; Meets With: 001 ARTS 1001; Christina Schmid ; 3 cr.
16876 002 DIS, 10:00-12:05 F, Twin Cities Remote, Completely Online; Christina Schmid ; 3 cr.

1101 Introduction to Drawing

(Student Option; AH)

13650 001 LAB, 09:05-11:35 MW, Twin Cities Remote, Completely Online; Kristen Sanders ; 4 cr.
13651 002 LAB, 13:25-15:55 MW, Regis Center for Art W264, 13:25-15:55 MW, Regis Center for Art W260, In Person Term Based; Leslie Barlow ; 4 cr.
13652 003 LAB, 09:05-11:55 TTh, Regis Center for Art W260, 09:05-11:35 TTh, Regis Center for Art W270, In Person Term Based; Jonathan Aller, Avigail Manneberg ; 4 cr.
13653 005 LAB, 13:25-15:55 MW, Regis Center for Art W268, 13:25-15:55 MW, Regis Center for Art W270, In Person Term Based; Travis McEwen ; 4 cr.
16172 007 LAB, 18:00-20:30 MW, Regis Center for Art W264, 18:00-20:30 MW, Regis Center for Art W260, In Person Term Based; Laura Stack ; 4 cr.
16173 008 LAB, 09:05-14:05 F, Regis Center for Art W268, 09:05-14:05 F, Regis Center for Art W260, In Person Term Based; Travis McEwen ; 4 cr.
16449 009 LAB, 09:05-14:05 F, Regis Center for Art W244, 09:05-14:05 F, Regis Center for Art W270, In Person Term Based; Jonathan Aller ; 4 cr.
16877 010 LAB, 10:10-15:10 Sa, Twin Cities Remote, Completely Online; Sean Connaughty ; 4 cr.
17552 004 LAB, 18:00-20:30 TTh, 18:00-20:30 TTh, Regis Center for Art W270, In Person Term Based; Ethan Pope ; 4 cr.

1102 Introduction to Painting

(Student Option; AH)

13668 001 LAB, 13:25-15:55 MW, Twin Cities Remote, Completely Online; Kristen Sanders ; 4 cr.
16424 002 LAB, 09:05-11:35 MW, Regis Center for Art W260, 09:05-11:35 MW, Regis Center for Art W264, In Person Term Based; Mathew Zefeldt ; 4 cr.
17965 003 LAB, 09:05-11:35 TTh, Regis Center for Art W268, 09:05-11:35 TTh, Regis Center for Art W264, In Person Term Based; Mathew Zefeldt ; 4 cr.

1103 Introduction to Printmaking: Relief, Screen and Digital Processes

(Student Option; AH)

14904 001 LAB, 09:05-11:35 MW, Regis Center for Art W175, 09:05-11:35 MW, Regis Center for Art W189, In Person Term Based; Drew Peterson ; 4 cr.
16045 002 LAB, 18:00-20:30 TTh, Regis Center for Art W175, 18:00-20:30 TTh, Regis Center for Art W189, In Person Term Based; Drew Peterson ; 4 cr.

1107 Introduction to Digital Drawing

(Student Option; AH)

16878 001 LAB, 13:25-15:55 TTh, Regis Center for Art W248, 13:25-15:55 TTh, Regis Center for Art W240, In Person Term Based; Mark Schoening ; 4 cr.
17553 002 LAB, 18:00-20:30 MW, Regis Center for Art W248, 18:00-20:30 MW, Regis Center for Art W240, In Person Term Based; Christopher Corey Allen ; 4 cr.
17554 003 LAB, 10:10-15:10 F, Twin Cities Remote, Completely Online; Louise Fisher ; 4 cr.

1201 Art + Change: The Transformational Power of Art

(Student Option;)

34797 001 LAB, 09:05-11:35 MW, Twin Cities Remote, Completely Online; Diane Willow ; 4 cr.

1202 Art and Yoga: Combining Somatic, Contemplative, and Creative Practices

(A-F only;)

17961 001 LEC, 13:25-15:55 W, Twin Cities Remote, Completely Online; Jan Estep ; 3 cr.

1701 Introduction to Photography

(Student Option; AH)

13644 001 LAB, 13:25-15:55 MW, Regis Center for Art W121, 13:25-15:55 MW, Regis Center for Art W137, In Person Term Based; Xavier Tavera Castro ; 4 cr.
13645 002 LAB, 13:25-15:55 MW, Twin Cities Remote, Completely Online; Caroline Houdek Solomon ; 4 cr.
13646 003 LAB, 09:05-11:35 TTh, Twin Cities Remote, Completely Online; Monica Moses Haller ; 4 cr.
16174 004 LAB, 09:05-11:35 TTh, Twin Cities Remote, Completely Online; Pao Her ; 4 cr.
16436 005 LAB, 18:00-20:30 MW, Regis Center for Art E110, In Person Term Based; Xavier Tavera Castro ; 4 cr.
16437 006 LAB, 18:00-20:30 MW, Regis Center for Art W121, 18:00-20:30 MW, Regis Center for Art W137, In Person Term Based; Beth Dow ; 4 cr.
18083 007 LAB, 09:00-14:05 F, Twin Cities Remote, Completely Online; Pao Her ; 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)

13663 001 LAB, 09:05-11:35 MW, Regis Center for Art E110, In Person Term Based; Rolf Belgum ; 4 cr.
14267 002 LAB, 13:25-15:55 TTh, Regis Center for Art E110, In Person Term Based; Kevin Obsatz ; 4 cr.
14268 003 LAB, 13:25-15:55 MW, Regis Center for Art W240, 13:25-15:55 MW, Regis Center for Art W248, In Person Term Based; Rolf Belgum ; 4 cr.
17195 004 LAB, 18:00-20:30 TTh, Twin Cities Remote, Completely Online; Cara Deleon ; 4 cr.

1801 Introduction to Ceramics: Wheel-Throwing and Hand-Building Techniques

(Student Option; AH)

13660 002 LAB, 09:05-11:35 MW, Regis Center for Art E155, 09:05-11:35 MW, Regis Center for Art E154, In Person Term Based; Chotsani Dean ; 4 cr.
13661 003 LAB, 18:00-20:30 MW, Regis Center for Art E155, 18:00-20:30 MW, Regis Center for Art E154, In Person Term Based; Priya Thoresen ; 4 cr.
14269 001 LAB, 09:05-11:35 MW, Regis Center for Art E170, 09:05-11:35 MW, Regis Center for Art E156, In Person Term Based; Erika Terwilliger ; 4 cr.
14587 004 LAB, 09:05-11:35 TTh, Regis Center for Art E155, 09:05-11:35 TTh, Regis Center for Art E154, In Person Term Based; Erika Terwilliger ; 4 cr.
16422 005 LAB, 09:05-11:35 TTh, Regis Center for Art E170, 09:05-11:35 TTh, Regis Center for Art E156, In Person Term Based; Tetsuya Yamada ; 4 cr.

1802 Introduction to Sculpture: Understanding the Fundamentals of the Practice of Sculpture

(Student Option; AH)

14588 001 LAB, 09:05-11:35 TTh, Regis Center for Art E123, 09:05-11:35 TTh, Regis Center for Art E117, In Person Term Based; Kristina Estell ; 4 cr.
14589 002 LAB, 13:25-15:55 TTh, Regis Center for Art E123, 13:25-15:55 TTh, Regis Center for Art E117, In Person Term Based; Kristina Estell ; 4 cr.
14590 003 LAB, 09:05-11:35 MW, Regis Center for Art E123, 09:05-11:35 MW, Regis Center for Art E117, In Person Term Based; Chris Larson ; 4 cr.

3120 Intermediate Painting

(Student Option; Prereq: 1102)

13643 001 LAB, 09:05-11:35 TTh, 09:05-11:35 TTh, Regis Center for Art W247, In Person Term Based; Lamar Peterson ; 4 cr.

3130 Intermediate Printmaking: Traditional and Contemporary Approaches

(Student Option; Prereq: 1103 or 1104)

16932 001 LAB, 13:25-15:55 TTh, Regis Center for Art W175, 13:25-15:55 TTh, Regis Center for Art W189, In Person Term Based; Jenny Schmid ; 4 cr.

3140 Figure Drawing

(Student Option; Prereq: 1101 or 1104)

16887 001 LAB, 09:05-11:35 MW, Regis Center for Art W268, 09:05-11:35 MW, Regis Center for Art W270, In Person Term Based; Leslie Barlow ; 4 cr.

3180 Zines, Comics, and Books

(A-F or Audit;)

16888 001 LAB, 09:05-11:35 TTh, 09:05-11:35 TTh, Regis Center for Art E110, In Person Term Based; Anna Haglin ; 4 cr.

3190 Watercolor Painting

(Student Option; Prerequisites: ARTS 1101, 1102, or 1104)

16889 001 LAB, 13:25-15:55 TTh, Regis Center for Art W270, 13:25-15:55 TTh, Regis Center for Art W260, In Person Term Based; Laura Stack ; 4 cr.

3206W Art + Ecology

(A-F or Audit; WI)

16890 001 LEC, 13:25-15:55 TTh, Regis Center for Art W130, 13:25-15:55 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)

16882 001 LEC, 09:05-11:35 Th, Twin Cities Remote, Completely Online; 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)

16016 001 LEC, 09:05-11:35 Th, Twin Cities Remote, Completely Online; Meets With: 001 ARTS 3401V; 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)

16883 001 LEC, 16:10-17:40 TTh, Twin Cities Remote, Completely Online; Emmett Ramstad ; 3 cr.

3481 Curatorial Practice Field Experience

(A-F only;)

18181 001 FWK, 13:25-15:55 Th, 13:25-15:55 Th, Regis Center for Art W247, In Person Term Based; Elizabeth Carpenter ; 3 cr.

3490 Workshop in Art

(Student Option;)

34821 001 LAB, 09:05-11:35 MW, Twin Cities Remote, Completely Online; Paul Shambroom ; 1-4 cr.

3730 Intermediate Digital Photography

(Student Option; Prereq: 1701)

16923 001 LAB, 13:25-15:55 TTh, Twin Cities Remote, Completely Online; Monica Moses Haller ; 4 cr.

3760 Experimental Film and Video

(Student Option; Prereq: ARTS 1704)

16442 001 LAB, 13:25-15:55 MW, 13:25-15:55 MW, Regis Center for Art E110, In Person Term Based; Steven Rowell ; 4 cr.

3770 Animation

(Student Option; Prereq: ARTS 1704)

14479 001 LAB, 18:00-20:30 MW, Twin Cities Remote, Completely Online; Meets With: 001 ARTS 5770; Hallie Bahn ; 4 cr.
16426 002 LAB, 18:00-20:30 TTh, Twin Cities Remote, Completely Online; Meets With: 002 ARTS 5770; Hallie Bahn ; 4 cr.

3780 Super 8 and 16 MM Filmmaking

(A-F or Audit;)

16990 001 LAB, 09:05-14:05 F, Regis Center for Art E110, In Person Term Based; Meets With: 001 ARTS 5780; Kevin Obsatz ; 4 cr.

3820 Ceramic: Wheel Throwing

(Student Option; Prereq: 1801)

14444 001 LAB, 13:25-15:55 TTh, Regis Center for Art E170,
13:25-15:55 TTh, Regis Center for Art E156, In Person
Term Based; Tetsuya Yamada ; 4 cr.

3830 Ceramic Sculpture

(Student Option; Prereq: 1801)
14578 001 LAB, 13:25-15:55 MW, Regis Center for Art E154,
In Person Term Based; Chotsani Dean ; 4 cr.

3860 Sculpture and Installation

(Student Option; Prereq: 1802)
16924 001 LAB, 13:25-15:55 MW, Regis Center for Art E123,
13:25-15:55 MW, Regis Center for Art E136, 13:25-15:55
MW, Regis Center for Art E134, In Person Term Based;
Meets With: 001 ARTS 5860; Chris Larson ; 4 cr.

3890 3D Modeling and Digital Fabrication

(Student Option;)
16925 001 LAB, 18:00-20:30 MW, Twin Cities Remote,
Completely Online; Meets With: 001 ARTS 5890; Robin
Schwartzman ; 4 cr.

5110 Advanced Drawing

(Student Option; Prereq: Art major and ARTS 3110)
13728 001 LAB, 13:25-15:55 MW, Regis Center for Art
W175, 13:25-15:55 MW, Regis Center for Art W187, In
Person Term Based; Meets With: 001 ARTS 5140; Mark
Schoening ; 4 cr.

5120 Advanced Painting

(Student Option; Prereq: ARTS 3120 and ARTS major)
13707 001 LAB, 13:25-15:55 TTh, Regis Center for Art
W264, 13:25-15:55 TTh, Regis Center for Art W268, In
Person Term Based; Lamar Peterson ; 4 cr.

5140 Advanced Printmaking

(Student Option; Prereq: ARTS major and ARTS 3130)
14834 001 LAB, 13:25-15:55 MW, Regis Center for Art
W175, 13:25-15:55 MW, Regis Center for Art W187, In
Person Term Based; Meets With: 001 ARTS 5110; Mark
Schoening ; 4 cr.

5401W BFA Seminar Capstone 1: Concepts and Practices in Art

(Student Option; WI)
14505 001 LEC, 09:05-11:35 F, Regis Center for Art W257,
In Person Term Based; Sarah Petersen ; 3 cr.

5404 BA Capstone and Exhibition

(S-N only;)
16920 001 DIS, 09:05-11:35 F, Twin Cities Remote,
Completely Online; Emmett Ramstad ; 3 cr.

5490 Workshop in Art

(Student Option;)
35392 001 LAB, 13:25-15:55 T, Twin Cities Remote,
Completely Online; Diane Willow ; 1-4 cr.

5770 Animation

(Student Option; Prereq: Art major)
14480 001 LAB, 18:00-20:30 MW, Twin Cities Remote,
Completely Online; Meets With: 001 ARTS 3770; Hallie
Bahn ; 4 cr.
16427 002 LAB, 18:00-20:30 TTh, Twin Cities Remote,
Completely Online; Meets With: 002 ARTS 3770; Hallie
Bahn ; 4 cr.

5780 Advanced Super 8 and 16 MM Filmmaking

(A-F or Audit; Prereq: Art major)
16991 001 LAB, 09:05-14:05 F, Regis Center for Art E110,
In Person Term Based; Meets With: 001 ARTS 3780; Kevin
Obsatz ; 4 cr.

5810 Advanced Ceramics

(Student Option; Prereq: ARTS major and ARTS 3820
or ARTS 3830)
13709 001 LAB, 13:25-15:55 MW, Regis Center for Art E155,
In Person Term Based; Chotsani Dean ; 4 cr.

5860 Advanced Sculpture

(Student Option; Prereq: ARTS major and ARTS 3860)
16926 001 LEC, 13:25-15:55 MW, Regis Center for Art E123,
13:25-15:55 MW, Regis Center for Art E136, 13:25-15:55
MW, Regis Center for Art E134, In Person Term Based;
Meets With: 001 ARTS 3860; Chris Larson ; 4 cr.

5890 3D Modeling and Digital Fabrication

(Student Option; Prereq: ARTS major)
16927 001 LAB, 18:00-20:30 MW, Twin Cities Remote,
Completely Online; Meets With: 001 ARTS 3890; Robin
Schwartzman ; 4 cr.

Art History (ARTH)

1002W Why Art Matters

(Student Option; AH,WI,GP)
16356 001 LEC, 09:05-09:55 F, Twin Cities Remote,
Completely Online; Emily Capper ; 4 cr.

16357 002 DIS, 10:10-11:00 M, Twin Cities Remote,
Completely Online; 4 cr.

16358 003 DIS, 08:00-08:50 W, Twin Cities Remote,
Completely Online; 4 cr.

16869 004 DIS, 10:10-11:00 W, Twin Cities Remote,
Completely Online; 4 cr.

16870 005 DIS, 10:10-11:00 F, Twin Cities Remote,
Completely Online; 4 cr.

1004W Introduction to Asian Art

(Student Option; HIS,WI)
16964 001 LEC, Completely Online; Daniel Greenberg, Anna
Seastrand ; 4 cr.

33608 002 DIS, 11:15-12:05 F, Twin Cities Remote,
Completely Online; 4 cr.

34037 003 DIS, 08:00-08:50 W, Twin Cities Remote,
Completely Online; 4 cr.

34038 004 DIS, 11:15-12:05 W, Twin Cities Remote,
Completely Online; 4 cr.

34039 005 DIS, 12:20-13:10 W, Twin Cities Remote,
Completely Online; 4 cr.

1921W Introduction to Film Study

(Student Option; AH,WI)
13833 001 LEC, 12:20-13:50 TTh, Twin Cities Remote,
Completely Online; Brad Stiffler ; 4 cr.

15529 002 DIS, 12:20-13:10 M, Twin Cities Remote,
Completely Online; 4 cr.

15530 003 DIS, 12:20-13:10 W, Twin Cities Remote,
Completely Online; 4 cr.

16359 004 DIS, 12:20-13:10 M, Twin Cities Remote,
Completely Online; 4 cr.

16871 005 DIS, 12:20-13:10 W, Twin Cities Remote,
Completely Online; 4 cr.

3012 19th and 20th Century Art

(Student Option;)
33133 001 LEC, Completely Online; Laura Kalba ; 3 cr.

3019 Buddhist Art and Architecture

(Student Option;)
34494 001 LEC, Completely Online; Daniel Greenberg ; 3 cr.

3312 European Art of the Eighteenth Century: Rococo to Revolution

(Student Option; HIS)
33134 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Steven Ostrow ; 3 cr.

3315 The Age of Curiosity: Art, Science & Technology in Europe, 1400-1800

(Student Option; AH,TS)
17674 001 LEC, 10:10-11:00 W, Twin Cities Remote,
Completely Online; Meets With: 001 HIST 3708001 ARTH
5315001 HIST 5708; Michael Gaudio ; 3 cr.
17675 002 DIS, 10:10-11:00 F, Twin Cities Remote,
Completely Online; Meets With: 002 HIST 3708; 3 cr.
17676 003 DIS, 11:15-12:05 F, Twin Cities Remote,
Completely Online; Meets With: 003 HIST 3708; 3 cr.

3401 Art on Trial

(Student Option; AH,CIV)
34248 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Emily Capper ; 3 cr.

3778 Traditions of South Asian Painting: Past to Present

(Student Option;)
33561 001 LEC, 13:00-14:15 W, Twin Cities Remote,
Completely Online; Meets With: 001 ARTH 5778; Anna
Seastrand ; 3 cr.

3896 Directed Professional Experience

(Student Option; Prereq: instr consent)
14819 001 IND, 00:00-00:00 , , In Person Term Based; Laura
Kalba ; 1-2 cr.

3971V Honors: Art History Capstone

(A-F only; WI)
15531 001 LEC, 14:30-17:00 W, Twin Cities Remote,
Completely Online; Angelica Maier ; 3 cr.
16806 002 IND, 14:30-17:00 W, Twin Cities Remote,
Completely Online; Meets With: 002 ARTH 3971W;
Angelica Maier ; 3 cr.

3971W Art History Capstone

(A-F only; Prereq: ArTH major, instr consentWI)
14818 002 IND, 14:30-17:00 W, Twin Cities Remote,
Completely Online; Meets With: 002 ARTH 3971V; Angelica
Maier ; 3 cr.
16812 001 LEC, 14:30-17:00 W, Twin Cities Remote,
Completely Online; 3 cr.

3993 Directed Study

(A-F or Audit; Prereq: instr consent)
14683 001 IND, 00:00-00:00 , , In Person Term Based; Jane
Blocker ; 1-4 cr.
14684 002 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
14685 003 IND, 00:00-00:00 , , In Person Term Based;
Sinem Casale ; 1-4 cr.
14686 004 IND, 00:00-00:00 , , In Person Term Based;
Michael Gaudio ; 1-4 cr.
14688 006 IND, 00:00-00:00 , , In Person Term Based;
Steven Ostrow ; 1-4 cr.
14689 007 IND, 00:00-00:00 , , In Person Term Based; Anna
Seastrand ; 1-4 cr.
14692 010 IND, 00:00-00:00 , , In Person Term Based; Peng
Peng ; 1-4 cr.
15996 011 IND, 00:00-00:00 , , In Person Term Based; Emily
Capper ; 1-4 cr.

3994 Directed Research

(A-F or Audit; Prereq: instr consent)
15997 002 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
15998 003 IND, 00:00-00:00 , , In Person Term Based;
Sinem Casale ; 1-4 cr.
15999 004 IND, 00:00-00:00 , , In Person Term Based;
Michael Gaudio ; 1-4 cr.
16000 005 IND, 00:00-00:00 , , In Person Term Based;
Jennifer Marshall ; 1-4 cr.
16001 006 IND, 00:00-00:00 , , In Person Term Based;
Steven Ostrow ; 1-4 cr.
16002 007 IND, 00:00-00:00 , , In Person Term Based; Anna
Seastrand ; 1-4 cr.
16003 008 IND, 00:00-00:00 , , In Person Term Based;
Robert Silberman ; 1-4 cr.
16004 009 IND, 00:00-00:00 , , In Person Term Based;
Jennifer Awes-Freeman ; 1-4 cr.
16005 010 IND, 00:00-00:00 , , In Person Term Based; ; 1-4
cr.
16006 011 IND, 00:00-00:00 , , In Person Term Based; Emily
Capper ; 1-4 cr.

5315 The Age of Curiosity: Art, Science & Technology in Europe, 1400-1800

(Student Option; AH,TS)
34043 001 LEC, 10:10-11:00 W, Twin Cities Remote,
Completely Online; Meets With: 001 HIST 3708001 ARTH
3315001 HIST 5708; Michael Gaudio ; 3 cr.
34044 006 DIS, 10:10-11:00 F, Twin Cities Remote,
Completely Online; Meets With: 002 HIST 5708; Michael
Gaudio ; 3 cr.

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

(Student Option;)
33136 001 LEC, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; Steven Ostrow ; 3 cr.

5778 Traditions of South Asian Painting: Past to Present

(Student Option;)
33448 001 LEC, 13:00-14:15 W, Twin Cities Remote,
Completely Online; Meets With: 001 ARTH 3778; Anna
Seastrand ; 3 cr.

5993 Directed Study

(A-F or Audit; Prereq: instr consent)
14231 001 IND, 00:00-00:00 , , In Person Term Based; Jane
Blocker ; 1-4 cr.
14561 002 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
14694 004 IND, 00:00-00:00 , , In Person Term Based;
Michael Gaudio ; 1-4 cr.
14696 006 IND, 00:00-00:00 , , In Person Term Based;
Steven Ostrow ; 1-4 cr.
14697 007 IND, 00:00-00:00 , , In Person Term Based; Anna
Seastrand ; 1-4 cr.
14698 008 IND, 00:00-00:00 , , In Person Term Based;
Robert Silberman ; 1-4 cr.
14699 009 IND, 00:00-00:00 , , In Person Term Based;
Jennifer Awes-Freeman ; 1-4 cr.
15532 010 IND, 00:00-00:00 , , In Person Term Based; ; 1-4
cr.
16007 011 IND, 00:00-00:00 , , In Person Term Based; Emily
Capper ; 1-4 cr.
16559 012 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.

17145 013 IND, In Person Term Based; Katherine Solomonson ; 1-4 cr.

5994 Directed Research

(A-F or Audit; Prereq: instr consent)
14820 001 IND, 00:00-00:00 , , In Person Term Based; Jennifer Marshall ; 1-4 cr.

Arts and Cultural Leadership (ACL)

5211 Trends and Impacts in Arts and Cultural Leadership and Management

(A-F or Audit;)
26777 001 LEC, 18:00-20:30 W, Blegen Hall 150, In Person Term Based; Deanna Cummings, Roger Cummings ; 3 cr.

5251 Courageous Imagination in Action: Art and Culture as Forces and Resources of Change

(A-F or Audit;)
34435 001 LEC, 18:00-20:30 T, Blegen Hall 150, Partially Online; David O'Fallon ; 3 cr.

5993 Directed Studies

(A-F only; Prereq: Grad student, dept consent)
26628 001 IND, In Person Term Based; 1-4 cr.

Asian & Middle Eastern Studies (AMES)

1201 Arrow, Fist, and Sword: Conceptions of the Hero in Asian Cultures

(A-F only; GP,LITR)
33187 001 LEC, Completely Online; Paul Rouzer ; 3 cr.

3001 Concepts in Asian and Middle Eastern Studies

(A-F or Audit;)
31947 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Suvadip Sinha ; 3 cr.

3362 Women Writers in Chinese History

(A-F only; Prerequisites.)
31943 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Ning Ma ; 3 cr.

3377 A Thousand Years of Buddhism in China: Beliefs, Practices, and Culture

(Student Option;)
31946 001 LEC, Completely Online; Meets With: 001 RELS 3377; Paul Rouzer ; 3 cr.

3420 Topics in Japanese Culture

(Student Option;)
33128 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Maki Isaka ; 1-3 cr.

3433 Traditional Japanese Literature in Translation

(A-F or Audit; LITR)
31942 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Maki Isaka ; 3 cr.

3437 The Japanese Novel

(A-F only; GP,LITR)
31945 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Baryon Tensor Posadas ; 3 cr.

3456 Japanese Film

(Student Option; GP)
31944 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Christine Marran ; 3 cr.

3536 Modern Korean Literature

(Student Option; GP,LITR)
31948 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Travis Workman ; 3 cr.

3556 Korean Film and Media

(Student Option; AH,GP)
33131 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Travis Workman ; 3 cr.

3576 Language & Society of the Two Koreas

(A-F only;)
31949 001 LEC, 14:00-15:15 MW, Twin Cities Remote, Completely Online; Hangtae Cho ; 3 cr.

3637W Modern Indian Literature

(A-F or Audit; GP,WI,LITR)
33420 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Sreyashi Ray ; 3 cr.

3856W Palestinian Literature and Film

(A-F only; GP,WI)
31940 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Joseph Farag ; 3 cr.

3867 Orientalism and the Arab World

(A-F only;)
31938 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Shir Alon ; 3 cr.

3900 Topics in Asian Literature

(Student Option;)
34195 001 LEC, 13:00-14:15 MW, ONLINE BLENDED, 13:00-14:15 MW, Nicholson Hall 275, Partially Online; Palita Chunsangchan ; 3 cr.

3920 Topics in Asian Culture

(A-F only;)
34196 001 LEC, 16:00-17:15 MW, ONLINE BLENDED, 16:00-17:15 MW, Fraser Hall 102, Partially Online; Palita Chunsangchan ; 3 cr.

4901W Capstone Project in Asian Languages & Literatures

(A-F or Audit; Prereq: ALL major, srWI)
31941 001 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Joseph Farag ; 3 cr.

5620 Topics in South Asian Culture

(A-F only;)
33163 001 LEC, 16:00-18:30 W, Tate Hall 101, In Person Term Based; Suvadip Sinha ; 3 cr.

5920 Topics in Asian Culture

(A-F only;)
32998 001 LEC, 16:00-18:30 Th, Twin Cities Remote, Completely Online; Baryon Tensor Posadas ; 3 cr.

Asian American Studies (AAS)

3211W Race & Racism in the U.S.

(A-F or Audit; DSJ,WI)
16691 001 LEC, Completely Online; Meets With: 001 SOC 3211W; Matthew Aguilar-Champeau ; 3 cr.

3251W Sociological Perspectives on Race, Class, and Gender

(A-F or Audit; DSJ,WI,SOC)
16374 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Meets With: 001 SOC 3251W; Enid Logan ; 3 cr.

3301 Asian America Through Arts and Culture

(Student Option; AH,DSJ)
33159 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 001 ENGL 3301; Josephine Lee ; 3 cr.

3303W Writing Differences: Literature by U.S. Women of Color

(Student Option; DSJ,WI,LITR)
17844 001 DIS, Completely Online; Meets With: 001 GWSS 3303W001 ENGL 3303W; Jigna Desai ; 3 cr.

3351 Asian Americans and Popular Culture

(Student Option; AH,DSJ)
17883 001 DIS, Completely Online; Meets With: 001 COMM 3351; John Matsunaga ; 3 cr.

3483 Hmong History Across the Globe

(Student Option;)
17842 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Meets With: 001 HIST 3483; Mai Na Lee ; 3 cr.

3601W War and Empire: Asian American Perspectives

(Student Option; GP,WI)

34386 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Yuichiro Onishi ; 3 cr.

3993 Directed Studies in Asian American Studies

(Student Option; Prereq: instr consent)
15558 001 IND, In Person Term Based; 1-9 cr.

4231 Color of Public Policy: African Americans, American Indians, Asian Americans & Chicanos in the U.S.

(Student Option;)
35137 001 LEC, 16:00-18:30 M, Twin Cities Remote, Completely Online; Meets With: 001 AFRO 4231001 CHIC 4231001 AMIN 4231; Rose Brewer ; 3 cr.

5993 Directed Readings

(Student Option;)
15517 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

Astronomy (AST)

1001 Exploring the Universe

(Student Option; ENV,PHYS)
20757 001 LEC, Completely Online; Paul Haines ; 4 cr.
20758 002 LEC, Completely Online; Evan Skillman ; 4 cr.
20759 101 LAB, 09:05-11:00 M, Twin Cities Remote, Completely Online; 4 cr.
20760 103 LAB, 11:15-13:10 M, Twin Cities Remote, Completely Online; 4 cr.
20761 104 LAB, 12:20-14:15 M, Twin Cities Remote, Completely Online; 4 cr.
20762 105 LAB, 13:25-15:20 M, Twin Cities Remote, Completely Online; 4 cr.
20763 106 LAB, 14:30-16:25 M, Twin Cities Remote, Completely Online; 4 cr.
20764 107 LAB, 15:35-17:30 M, Twin Cities Remote, Completely Online; 4 cr.
20766 109 LAB, 10:10-12:05 T, Twin Cities Remote, Completely Online; 4 cr.
20768 111 LAB, 12:20-14:15 T, Twin Cities Remote, Completely Online; 4 cr.
20769 113 LAB, 14:30-16:25 T, Twin Cities Remote, Completely Online; 4 cr.
20770 116 LAB, 10:10-12:05 W, Twin Cities Remote, Completely Online; 4 cr.
20771 118 LAB, 12:20-14:15 W, Twin Cities Remote, Completely Online; 4 cr.
21306 112 LAB, 13:25-15:20 T, Twin Cities Remote, Completely Online; 4 cr.
21453 102 LAB, 10:10-12:05 M, Twin Cities Remote, Completely Online; 4 cr.
21454 117 LAB, 11:15-13:10 W, Twin Cities Remote, Completely Online; 4 cr.
22694 003 LEC, Completely Online; Patrick Kelly ; 4 cr.
22967 004 LEC, Completely Online; Evan Skillman ; 4 cr.
23312 119 LAB, 13:25-15:20 W, Twin Cities Remote, Completely Online; 4 cr.
23313 120 LAB, 14:30-16:25 W, Twin Cities Remote, Completely Online; 4 cr.
23316 123 LAB, 10:10-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.
23318 127 LAB, 10:10-12:05 F, Twin Cities Remote, Completely Online; 4 cr.
34963 130 LAB, 19:00-20:55 T, Twin Cities Remote, Completely Online; 4 cr.
34964 131 LAB, 08:00-09:55 T, Twin Cities Remote, Completely Online; Lucy Fortson ; 4 cr.

1011H Exploring the Universe, Honors

(A-F only; Prereq: High school trigonometry, [high school physics or chemistry]ENV,PHYS)
33783 001 LEC, 14:30-15:20 MTW, Tate Hall 105, In Person Term Based; Lucy Fortson ; 4 cr.
34492 002 LAB, 14:30-16:25 Th, Twin Cities Remote, Completely Online; Lucy Fortson ; 4 cr.

2001 Introduction to Astrophysics

(Student Option; Prereq: [One yr calculus, PHYS 1302] or instr consent)
21506 001 LEC, 14:30-16:25 TTh, Twin Cities Remote, Completely Online; Robert Gehrz ; 4 cr.

2990 Directed Studies

(Student Option; Prereq: 1 yr calculus, Phys 1302, instr consent)
20772 001 IND, 00:00-00:00 , , In Person Term Based; Thomas Jones ; 1-5 cr.

4001 Astrophysics I

(A-F or Audit; Prereq: 2001, Phys 2601)

21555 001 LEC, 09:05-09:55 MTWTh, Twin Cities Remote, Completely Online; Paul Woodward ; 4 cr.

4041 Computational Methods in the Physical Sciences

(Student Option; Prereq: Upper div or grad student or instr consent)

23449 001 LAB, 08:00-08:50 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 PHYS 4041; Jorge Vinals ; 4 cr.

4299H Senior Honors Astrophysics Research Seminar

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

20775 001 LEC, 14:30-15:20 F, Twin Cities Remote, Completely Online; Meets With: 001 AST 8200; Claudia Scarlata ; 1 cr.

4990 Directed Studies

(Student Option; Prereq: 2001, instr consent)

20773 010 IND, 00:00-00:00 , , In Person Term Based; Liliya Williams ; 1-5 cr.

22037 015 IND, 00:00-00:00 , , In Person Term Based; John Wygant ; 1-5 cr.

22038 003 IND, 00:00-00:00 , , In Person Term Based; Roberta Humphreys ; 1-5 cr.

22039 004 IND, 00:00-00:00 , , In Person Term Based; Terry Jones ; 1-5 cr.

22040 005 IND, 00:00-00:00 , , In Person Term Based; Thomas Jones ; 1-5 cr.

22041 006 IND, 00:00-00:00 , , In Person Term Based; Patrick Kelly ; 1-5 cr.

22042 007 IND, 00:00-00:00 , , In Person Term Based; Lawrence Rudnick ; 1-5 cr.

22043 008 IND, 00:00-00:00 , , In Person Term Based; Claudia Scarlata ; 1-5 cr.

22044 009 IND, 00:00-00:00 , , In Person Term Based; Evan Skillman ; 1-5 cr.

22082 011 IND, 00:00-00:00 , , In Person Term Based; Chick Woodward ; 1-5 cr.

22085 014 IND, 00:00-00:00 , , In Person Term Based; Lindsay Glesener ; 1-5 cr.

22675 012 IND, 00:00-00:00 , , In Person Term Based; Paul Woodward ; 1-5 cr.

22999 013 IND, 00:00-00:00 , , In Person Term Based; Lucy Fortson ; 1-5 cr.

23538 016 IND, In Person Term Based; Vuk Mandic ; 1-5 cr.

4994W Directed Research

(A-F only; WI)

20774 024 IND, 00:00-00:00 , , In Person Term Based; John Wygant ; 2-5 cr.

22045 002 IND, 00:00-00:00 , , In Person Term Based; Robert Gehrz ; 2-5 cr.

22046 003 IND, 00:00-00:00 , , In Person Term Based; Roberta Humphreys ; 2-5 cr.

22047 004 IND, 00:00-00:00 , , In Person Term Based; Terry Jones ; 2-5 cr.

22048 005 IND, 00:00-00:00 , , In Person Term Based; Thomas Jones ; 2-5 cr.

22049 006 IND, 00:00-00:00 , , In Person Term Based; Patrick Kelly ; 2-5 cr.

22050 007 IND, 00:00-00:00 , , In Person Term Based; Lawrence Rudnick ; 2-5 cr.

22051 008 IND, 00:00-00:00 , , In Person Term Based; Claudia Scarlata ; 2-5 cr.

22052 009 IND, 00:00-00:00 , , In Person Term Based; Evan Skillman ; 2-5 cr.

22083 010 IND, 00:00-00:00 , , In Person Term Based; Liliya Williams ; 2-5 cr.

22084 011 IND, 00:00-00:00 , , In Person Term Based; Chick Woodward ; 2-5 cr.

22676 012 IND, 00:00-00:00 , , In Person Term Based; Paul Woodward ; 2-5 cr.

22777 013 IND, 00:00-00:00 , , In Person Term Based; Cynthia Cattell ; 2-5 cr.

22778 014 IND, 00:00-00:00 , , In Person Term Based; Priscilla Cushman ; 2-5 cr.

22779 015 IND, 00:00-00:00 , , In Person Term Based; Lucy Fortson ; 2-5 cr.

22780 016 IND, 00:00-00:00 , , In Person Term Based; Lindsay Glesener ; 2-5 cr.

22781 017 IND, 00:00-00:00 , , In Person Term Based; Shaul Hanany ; 2-5 cr.

22782 018 IND, 00:00-00:00 , , In Person Term Based; Robert Lysak ; 2-5 cr.

22783 019 IND, 00:00-00:00 , , In Person Term Based; Vuk Mandic ; 2-5 cr.

22784 020 IND, 00:00-00:00 , , In Person Term Based; Keith Olive ; 2-5 cr.

22785 021 IND, 00:00-00:00 , , In Person Term Based; Marco Peloso ; 2-5 cr.

22786 022 IND, 00:00-00:00 , , In Person Term Based; Clement Pryke ; 2-5 cr.

22787 023 IND, 00:00-00:00 , , In Person Term Based; Yongzhong Qian ; 2-5 cr.

5731 Bayesian Astrostatistics

(A-F only; Prerequisites: MATH 2263 and MATH 2243, or equivalent; or instructor consent Suggested: statistical course at the level of AST 4031, AST 5031, STAT 3021, or STAT 5021)

33781 001 LEC, 09:05-10:05 W, Twin Cities Remote, Completely Online; Meets With: 001 STAT 5731; Claudia Scarlata, Galin Jones ; 4 cr.

Biochemistry (BIOC)

2011 Biochemistry for the Agricultural and Health Sciences

(Student Option; Prereq: Chem 1015, Bio 1009)

11511 001 LEC, 13:00-13:50 MWF, Twin Cities Remote, Completely Online; Sharon Murphy, James Ervasti ; 3 cr.

3021 Biochemistry

(Student Option; Prerequisites: Introductory biology (BIOL 1009 or BIOL 2003 or equivalent), organic chemistry (CHEM 2301 or CHEM 2081/2085 or equivalent). Note: CBS students should take BIOC 3022 not 3021.)

11623 090 LEC, 00:00-00:00 , ONLINE, Completely Online; Robert Roon ; 3 cr.

11624 001 LEC, Completely Online; Meets With: 001 BIOC 6021; Kenneth Adolph ; 3 cr.

3022 Biochemistry for Life Scientists

(Student Option; Prereq: CHEM 2301 or CHEM 2081/2085 or equivalent)

11763 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Paul Siliciano ; 3 cr.

11844 002 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Janet Schottel ; 3 cr.

4025W Laboratory in Biochemistry

(Student Option; Prereq: 3021, 3022, or 4331 or equivWI)

11414 001 LEC, Completely Online; Beverly Smith-Keiling ; 2 cr.

11415 002 LAB, 08:15-11:55 T , Partially Online; Beverly Smith-Keiling ; 2 cr.

11416 003 LAB, 13:15-16:55 T , Partially Online; Beverly Smith-Keiling ; 2 cr.

11417 005 LAB, 13:15-16:55 Th , Partially Online; Beverly Smith-Keiling ; 2 cr.

11418 006 LAB, 17:20-21:00 T , Partially Online; Beverly Smith-Keiling ; 2 cr.

11547 007 LAB, 17:20-21:00 Th , Partially Online; Beverly Smith-Keiling ; 2 cr.

33248 004 LAB, 08:15-11:55 Th , Partially Online; Beverly Smith-Keiling ; 2 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))

11413 001 LEC, 10:10-11:00 MTWTh, Twin Cities Remote, Completely Online; Timothy Griffin, Yue Chen ; 4 cr.

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

(Student Option; Prereq: BioC 4331 or Bioc 3201 or BioC 3022)

11565 001 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Michael Smanski, Juan Carlos Rivera Mulia ; 4 cr.

4351 Protein Engineering

(A-F only; Prereq: 4331 or instr consent)

11679 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Meets With: 001 BIOC 5351; Romas Kazlauskas, Mikael Elias ; 3 cr.

4521 Introduction to Physical Biochemistry

(Student Option; Prereq: 4331 recommended, (Chem 1062/1066 or CHEM 1082/1086) AND (Physics 1202 or 1302))

11492 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Wendy Gordon ; 3 cr.

4793W Directed Studies: Writing Intensive

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793W, 4794W, 4993, 4994 counts towards CBS major requirements.WI)

11525 001 IND, 00:00-00:00 , , In Person Term Based; Paul Siliciano ; 1-7 cr.

4794W Directed Research: Writing Intensive

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793W, 4794W, 4993, 4994 counts towards CBS major requirements.WI)

11526 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

4993 Directed Studies

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793W, 4794W, 4993, 4994 counts towards CBS major requirements.)

11419 001 IND, 00:00-00:00 , , In Person Term Based; Paul Siliciano ; 1-7 cr.

4994 Directed Research

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793W, 4794W, 4993, 4994 counts towards CBS major requirements.)

11498 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

5351 Protein Engineering

(Audit;)

11678 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Meets With: 001 BIOC 4351; Romas Kazlauskas, Mikael Elias ; 3 cr.

5361 Microbial Genomics and Bioinformatics

(Student Option; Prereq: College-level courses in [organic chemistry, biochemistry, microbiology])

11546 001 LEC, 10:15-11:30 TTh, ONLINE BLENDED, 10:15-11:30 TTh, Magrath Library 8, Partially Online; Lawrence Wackett ; 3 cr.

5355 Introduction to Modern Structural Biology -- Diffraction

(A-F or Audit; Prereq: (Introductory biochemistry, introductory physics, college calculus] or physical chemistry or instr consent)

11799 001 DIS, 12:20-14:15 MW, Twin Cities Remote, Completely Online; Douglas Ohlendorf ; 2 cr.

Bioethics, Center for (BTHX)

5000 Topics in Bioethics

(Student Option;)

34600 001 LEC, 12:30-15:00 T, Twin Cities Remote, Completely Online; Leigh Turner ; 1-4 cr.

5325 Biomedical Ethics

(Student Option; Prereq: Jr or sr or grad student or instr consent)

10847 001 LEC, 12:30-15:00 Th, Twin Cities Remote, Completely Online; Debra DeBruin ; 3 cr.

5900 Independent Study in Bioethics

(Student Option; Prereq: instr consent)

10758 006 IND, 00:00-00:00 , , Independent/Directed Study; Leigh Turner ; 1-4 cr.

10759 003 IND, 00:00-00:00 , , Independent/Directed Study; Debra DeBruin ; 1-4 cr.

Biology (BIOL)

1001 Introductory Biology: Evolutionary and Ecological Perspectives

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

11447 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Craig Packer, Charles Willis ; 4 cr.

11448 002 LAB, Completely Online; 4 cr.

11449 003 LAB, Completely Online; 4 cr.

11450 004 LAB, Completely Online; 4 cr.

11451 006 LAB, Completely Online; 4 cr.

11452 007 LAB, Completely Online; 4 cr.

11453 008 LAB, Completely Online; 4 cr.

11454 009 LAB, Completely Online; 4 cr.

11540 010 LAB, Completely Online; 4 cr.

11541 011 LAB, Completely Online; 4 cr.

11542 012 LAB, Completely Online; 4 cr.

11543 013 LAB, Completely Online; 4 cr.

11760 090 LEC, Completely Online; Charles Willis ; 4 cr.

11762 015 LAB, Completely Online; 4 cr.

11807 016 LAB, Completely Online; 4 cr.

33138 005 LAB, Completely Online; 4 cr.
 33139 014 LAB, Completely Online; 4 cr.
 33626 091 LEC, Completely Online; Charles Willis ; 4 cr.

1001H Introductory Biology I: Evolutionary and Ecological Perspectives
 (A-F only; Prerequisites for allied health grad programs.BIOL)

33140 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Craig Packer ; 4 cr.
 33141 081 LAB, Completely Online; 4 cr.
 33142 082 LAB, Completely Online; 4 cr.

1003 Evolution and Biology of Sex

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

11575 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Sehoya Cotner ; 4 cr.
 11576 002 LAB, 10:10-12:05 T, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
 11577 003 LAB, 12:20-14:15 T, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
 11578 004 LAB, 12:20-14:15 W, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
 11579 005 LAB, 10:10-12:05 Th, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
 11580 006 LAB, 12:20-14:15 Th, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
 11611 020 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Sehoya Cotner ; 4 cr.
 11612 021 LAB, 08:00-09:55 T, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
 11613 022 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
 11614 023 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
 11615 024 LAB, 14:30-16:25 W, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
 11616 025 LAB, 16:40-18:35 W, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
 11645 030 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Mark Decker ; 4 cr.
 11646 031 LAB, 10:10-12:05 T, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
 11647 032 LAB, 12:20-14:15 T, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
 11648 033 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
 11649 034 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
 11650 035 LAB, 10:10-12:05 W, Molecular Cellular Biol 2-136, In Person Term Based; 4 cr.
 11651 036 LAB, 16:40-18:35 W, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
 11652 037 LAB, 10:10-12:05 Th, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
 11653 038 LAB, 12:20-14:15 Th, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
 11811 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)

11422 001 LEC, Completely Online; Cheryl Scott ; 4 cr.
 11423 002 LAB, Completely Online; 4 cr.
 11424 003 LAB, Completely Online; 4 cr.
 11425 004 LAB, Completely Online; 4 cr.
 11426 005 LAB, Completely Online; 4 cr.
 11427 006 LAB, Completely Online; 4 cr.
 11428 007 LAB, Completely Online; 4 cr.
 11429 008 LAB, Completely Online; 4 cr.
 11430 009 LAB, Completely Online; 4 cr.
 11431 010 LAB, Completely Online; 4 cr.
 11432 050 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Tamar Resnick ; 4 cr.
 11433 051 LAB, Completely Online; 4 cr.
 11434 052 LAB, Completely Online; 4 cr.
 11435 053 LAB, Completely Online; 4 cr.
 11436 054 LAB, Completely Online; 4 cr.
 11437 055 LAB, Completely Online; 4 cr.
 11438 056 LAB, Completely Online; 4 cr.
 11439 057 LAB, Completely Online; 4 cr.
 11440 058 LAB, Completely Online; 4 cr.
 11441 059 LAB, Completely Online; 4 cr.
 11442 060 LAB, Completely Online; 4 cr.
 11564 061 LAB, Completely Online; 4 cr.
 11595 030 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Antony Dean ; 4 cr.
 11596 031 LAB, Completely Online; 4 cr.
 11597 032 LAB, Completely Online; 4 cr.
 11598 033 LAB, Completely Online; 4 cr.
 11599 034 LAB, Completely Online; 4 cr.
 11600 035 LAB, Completely Online; 4 cr.
 11601 036 LAB, Completely Online; 4 cr.

11602 037 LAB, Completely Online; 4 cr.
 11609 038 LAB, Completely Online; 4 cr.
 11610 039 LAB, Completely Online; 4 cr.
 11669 062 LAB, Completely Online; 4 cr.
 11670 063 LAB, Completely Online; 4 cr.
 11776 090 LEC, Completely Online; Brian Gibbens ; 4 cr.
 11812 064 LAB, Completely Online; 4 cr.
 11814 065 LAB, Completely Online; 4 cr.

1012 Human Biology: Concepts and

Current Ethical Issues

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

11588 001 LEC, 12:20-13:10 MWF, ONLINE BLENDED, 12:20-13:10 MWF, Bruininks Hall 330, Partially Online; Kristina Prescott, Sarah Malmquist ; 4 cr.
 11589 002 LAB, 10:10-12:05 T, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
 11590 003 LAB, 14:30-16:25 T, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
 11591 004 LAB, 10:10-12:05 W, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
 11592 005 LAB, 14:30-16:25 W, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
 11593 006 LAB, 10:10-12:05 Th, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
 11617 020 LEC, 13:25-14:15 MWF, ONLINE BLENDED, 13:25-14:15 MWF, Bruininks Hall 330, Partially Online; Sarah Malmquist, Kristina Prescott ; 4 cr.
 11618 021 LAB, 12:20-14:15 T, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
 11619 022 LAB, 16:40-18:35 T, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
 11620 023 LAB, In Person Term Based; 4 cr.
 11621 024 LAB, 16:40-18:35 W, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
 11622 025 LAB, 08:00-09:55 Th, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
 11637 007 LAB, 14:30-16:25 Th, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
 11638 026 LAB, 12:20-14:15 Th, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
 35190 008 LAB, 14:30-16:25 M, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
 35191 027 LAB, 16:40-18:35 M, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.
 35192 028 LAB, 08:00-09:55 T, Molecular Cellular Biol 2-137, In Person Term Based; 4 cr.

1015 Human Physiology, Technology, and Medical Devices

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

11808 001 LEC, 11:15-12:30 TTh, Bruininks Hall 114, 11:15-12:30 TTh, Bruininks Hall 312, In Person Term Based; Murray Jensen ; 4 cr.
 11809 002 LAB, 13:25-15:20 T, Molecular Cellular Biol 3-140B, 13:25-15:20 T, Molecular Cellular Biol 3-140A, In Person Term Based; 4 cr.
 11810 003 LAB, 10:10-12:05 W, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.
 11813 004 LAB, 12:20-14:15 W, Molecular Cellular Biol 2-140, In Person Term Based; 4 cr.

1020 Biology Colloquium

(S-N or Audit;)

11411 001 LEC, 15:35-17:30 M, Molecular Cellular Biol 2-120, In Person Term Based; Valery Forbes ; 1 cr.
 11412 002 LEC, 14:30-16:25 T, Molecular Cellular Biol 2-120, In Person Term Based; Valery Forbes ; 1 cr.

1052 Environmental Biology: Science and Solutions

(Student Option; ENV)

11587 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 001 BIOL 1055; Deena Wassenberg ; 3 cr.

1055 Environmental Biology: Science and Solutions with Laboratory

(Student Option; BIOL,ENV)

11643 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 001 BIOL 1052; Deena Wassenberg ; 4 cr.
 11644 002 LAB, 12:20-14:15 Th, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
 11654 003 LAB, 16:40-18:35 Th, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
 11655 004 LAB, 10:10-12:05 F, Molecular Cellular Biol 2-138, In Person Term Based; 4 cr.
 11714 005 LAB, 12:20-14:15 F, Molecular Cellular Biol 2-138, 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)

11459 001 IND, 00:00-00:00 , , In Person Term Based; Valery Forbes ; 1 cr.

1805 Nature of Life: Introducing New Students to the Biological Sciences

(S-N or Audit; Prereq: Fr in College of Biological Sciences)

11549 001 LEC, 12:20-13:10 F, Twin Cities Remote, Completely Online; Frances Wood ; 0.5 cr.

1912 Photographing the University Community

(A-F only;)

33439 001 LEC, 14:30-16:25 W, Mayo Bldg & Additions C231, In Person Term Based; Robert Roon, Alex Lange ; 2 cr.

1913 Understanding the Evolution-Creationism Controversy

(A-F only;)

33362 001 LEC, 10:10-11:00 T, Molecular Cellular Biol 2-120, In Person Term Based; Randy Moore ; 1 cr.

1915 Genomics in Your Current and Future Life

(A-F only;)

33438 001 LEC, 14:30-15:45 T, Twin Cities Remote, Completely Online; Perry Hackett ; 1 cr.

1917 Experimental Evolution

(A-F only;)

33778 001 LEC, 13:25-14:15 F, Bruininks Hall 131B, In Person Term Based; Michael Travisano ; 1 cr.

1918 Evolutionary Perspectives on Agriculture and Human Health

(A-F only;)

34598 001 DIS, 13:25-14:15 Th, Twin Cities Remote, Completely Online; R. Denison ; 1 cr.

1921 The Nexus Between Art and Biology

(A-F only;)

33440 001 LEC, 09:45-11:30 W, Rapson Hall 100, In Person Term Based; Robert Roon ; 2 cr.

1942 Science and Politics of Genetics and Reproduction

(A-F only; TS)

33422 001 LEC, 13:00-14:15 TTh, ONLINE BLENDED, 13:00-14:15 TTh, Molecular Cellular Biol 3-120, Partially Online; Murray Jensen ; 3 cr.

1951 Foundations of Biology Lecture I for Biological Sciences Majors

(A-F only; BIOL)

11777 001 LEC, 08:00-09:55 MWF, Twin Cities Remote, Completely Online; Meets With: 001 BIOL 1951H; Anna Mosser, Anita Schuchardt, Thomas Niehaus ; 4 cr.
 11778 002 LEC, 10:10-12:05 MWF, ONLINE BLENDED, 10:10-12:05 MWF, Bruininks Hall 114, Partially Online; Meets With: 002 BIOL 1951H; David Matthes, Peter Tiffin ; 4 cr.

1951H Foundations of Biology Lecture I for Biological Sciences Majors

(A-F only; BIOL)

11797 001 LEC, 08:00-09:55 MWF, Twin Cities Remote, Completely Online; Meets With: 001 BIOL 1951; Anna Mosser, Anita Schuchardt, Thomas Niehaus ; 4 cr.
 11798 002 LEC, 10:10-12:05 MWF, ONLINE BLENDED, 10:10-12:05 MWF, Bruininks Hall 114, Partially Online; Meets With: 002 BIOL 1951; David Matthes, Peter Tiffin ; 4 cr.

1961 Foundations of Biology Lab I for Biological Sciences Majors

(A-F only; BIOL)

11779 001 LAB, 13:00-16:00 MW, ONLINE BLENDED, 13:00-16:00 MW, Biological Science Ctr 282, Partially Online; 2 cr.
 11780 002 LAB, 13:00-16:00 MW, ONLINE BLENDED, 13:00-16:00 MW, Biological Science Ctr 286, Partially Online; 2 cr.
 11781 003 LAB, 13:00-16:00 MW, ONLINE BLENDED, 13:00-16:00 MW, Biological Science Ctr 343, Partially Online; 2 cr.
 11782 004 LAB, 13:00-16:00 MW, ONLINE BLENDED, 13:00-16:00 MW, Biological Science Ctr 355, Partially Online; 2 cr.

11783 005 LAB, 17:10-20:10 MW, ONLINE BLENDED, 17:10-20:10 MW, Biological Science Ctr 355, Partially Online; 2 cr.

11784 006 LAB, 17:10-20:10 MW, ONLINE BLENDED, 17:10-20:10 MW, Biological Science Ctr 282, Partially Online; 2 cr.

11785 007 LAB, 17:10-20:10 MW, ONLINE BLENDED, 17:10-20:10 MW, Biological Science Ctr 286, Partially Online; 2 cr.

11786 008 LAB, 08:30-11:30 TTh, ONLINE BLENDED, 08:30-11:30 TTh, Biological Science Ctr 343, Partially Online; 2 cr.

11787 009 LAB, 08:30-11:30 TTh, ONLINE BLENDED, 08:30-11:30 TTh, Biological Science Ctr 355, Partially Online; 2 cr.

11788 010 LAB, 08:30-11:30 TTh, ONLINE BLENDED, 08:30-11:30 TTh, Biological Science Ctr 282, Partially Online; 2 cr.

11789 011 LAB, 08:30-11:30 TTh, ONLINE BLENDED, 08:30-11:30 TTh, Biological Science Ctr 286, Partially Online; 2 cr.

11790 012 LAB, 13:00-16:00 TTh, ONLINE BLENDED, 13:00-16:00 TTh, Biological Science Ctr 343, Partially Online; 2 cr.

11791 013 LAB, 13:00-16:00 TTh, ONLINE BLENDED, 13:00-16:00 TTh, Biological Science Ctr 286, Partially Online; 2 cr.

11792 014 LAB, 13:00-16:00 TTh, ONLINE BLENDED, 13:00-16:00 TTh, Biological Science Ctr 355, Partially Online; 2 cr.

11793 015 LAB, 13:00-16:00 TTh, ONLINE BLENDED, 13:00-16:00 TTh, Biological Science Ctr 282, Partially Online; 2 cr.

11794 016 LAB, Partially Online; 2 cr.

2001 Career Planning for Biologists

(S-N or Audit;)
34590 001 DIS, 14:30-15:20 T, Twin Cities Remote, Completely Online; Kristen Murphy ; 1 cr.

2003 Foundations of Biology for Biological Sciences Majors, Part II

(A-F only;)
11567 001 LEC, 08:00-09:55 TTh, Twin Cities Remote, Completely Online; Meets With: 001 BIOL 2003H; Robert Brooker, Peter Kennedy ; 3 cr.

11569 002 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Meets With: 002 BIOL 2003H; Deena Wassenberg, Abdi Warfa ; 3 cr.

11656 003 LEC, 09:05-11:00 MW, Twin Cities Remote, Completely Online; Meets With: 003 BIOL 2003H; Mark Decker, Brian Gibbens ; 3 cr.

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

(A-F only;)
11568 001 LEC, 08:00-09:55 TTh, Twin Cities Remote, Completely Online; Meets With: 001 BIOL 2003; Robert Brooker, Peter Kennedy ; 3 cr.

11570 002 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Meets With: 002 BIOL 2003; Deena Wassenberg, Abdi Warfa ; 3 cr.

11657 003 LEC, 09:05-11:00 MW, Twin Cities Remote, Completely Online; Meets With: 003 BIOL 2003; Mark Decker, Brian Gibbens ; 3 cr.

2005 Animal Diversity Laboratory

(Student Option;)
11480 001 LAB, 09:35-12:35 T, ONLINE BLENDED, 09:35-12:35 T, Biological Sciences Ctr 107, Partially Online; 2 cr.

11481 002 LAB, 13:55-16:55 T, ONLINE BLENDED, 13:55-16:55 T, Biological Sciences Ctr 107, Partially Online; 2 cr.

11482 003 LAB, 18:10-21:10 T, ONLINE BLENDED, 18:10-21:10 T, Biological Sciences Ctr 107, Partially Online; 2 cr.

11483 004 LAB, 10:40-13:40 W, ONLINE BLENDED, 10:40-13:40 W, Biological Sciences Ctr 107, Partially Online; 2 cr.

11484 005 LAB, 13:55-16:55 W, ONLINE BLENDED, 13:55-16:55 W, Biological Sciences Ctr 107, Partially Online; 2 cr.

11485 006 LAB, 17:10-20:10 W, ONLINE BLENDED, 17:10-20:10 W, Biological Sciences Ctr 107, Partially Online; 2 cr.

11486 007 LAB, 09:35-12:35 Th, ONLINE BLENDED, 09:35-12:35 Th, Biological Sciences Ctr 107, Partially Online; 2 cr.

11487 008 LAB, 13:55-16:55 Th, ONLINE BLENDED, 13:55-16:55 Th, Biological Sciences Ctr 107, Partially Online; 2 cr.

11488 009 LAB, 10:40-13:40 F, ONLINE BLENDED, 10:40-13:40 F, Biological Sciences Ctr 107, Partially Online; Kirsten Meltesen ; 2 cr.

2012 General Zoology

(Student Option; Prereq: One semester of college biology)
11468 001 LEC, 09:35-10:25 MWF, Twin Cities Remote, Completely Online; Suzanne McGaugh ; 4 cr.

11469 002 LAB, 08:30-11:30 T, ONLINE BLENDED, 08:30-11:30 T, Biological Sciences Ctr 182, Partially Online; 4 cr.

11470 003 LAB, 12:50-15:50 T, ONLINE BLENDED, 12:50-15:50 T, Biological Sciences Ctr 182, Partially Online; 4 cr.

11471 004 LAB, 17:10-20:10 T, ONLINE BLENDED, 17:10-20:10 T, Biological Sciences Ctr 182, Partially Online; 4 cr.

11472 005 LAB, 12:50-15:50 W, ONLINE BLENDED, 12:50-15:50 W, Biological Sciences Ctr 182, Partially Online; 4 cr.

11473 006 LAB, 08:30-11:30 Th, ONLINE BLENDED, 08:30-11:30 Th, Biological Sciences Ctr 182, Partially Online; 4 cr.

2301 Dean's Scholar: Critical Service Learning

(S-N only; Prereq: 1301, CBS Dean's Scholar)
11628 001 DIS, 13:25-15:20 Th, Bruininks Hall 432, In Person Term Based; Aryn Lipnicki ; 2 cr.

2905 Nature of Life, Part III

(S-N only; Prereq: 1805, 1806)
11674 001 IND, Completely Online; Frances Wood ; 0.5 cr.

2960H Exploring Research in the Biological Sciences

(A-F only; Prereq: CBS, Honors program, soph, dept consent)
11544 001 LEC, 14:30-15:45 Th, Twin Cities Remote, Completely Online; Dana Davis ; 1 cr.

3001 Nature of Science and Research

(S-N only; Prereq: College-level biology)
11642 001 DIS, 12:20-13:10 Th, Bruininks Hall 330, Primarily Online; Anna Mosser ; 1 cr.

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

(A-F only; Prerequisite is Foundations of Biology Lab I: BIOL 1961, 1961H, 2002, or 2002H AND CHEM 1021, 1061, or 1081 Credit will not be granted if credit has been received for:BIOL 3004H.)
11571 001 LEC, 15:00-16:55 T, Twin Cities Remote, Completely Online; 3 cr.

11572 009 LEC, 11:45-13:40 Th, Twin Cities Remote, Completely Online; 3 cr.

11658 002 LEC, 12:50-14:45 W, Twin Cities Remote, Completely Online; 3 cr.

11659 003 LEC, 17:10-19:05 W, Twin Cities Remote, Completely Online; 3 cr.

11660 004 LEC, 12:50-14:45 Th, Twin Cities Remote, Completely Online; 3 cr.

11661 006 LEC, 13:55-15:50 T, Twin Cities Remote, Completely Online; 3 cr.

11662 007 LEC, 16:05-18:00 T, Twin Cities Remote, Completely Online; 3 cr.

11663 008 LEC, 16:05-18:00 W, Twin Cities Remote, Completely Online; 3 cr.

11664 010 LEC, 13:55-15:50 F, Twin Cities Remote, Completely Online; 3 cr.

11665 011 LEC, Completely Online; 3 cr.

11666 012 LEC, 17:10-19:05 T, Twin Cities Remote, Completely Online; 3 cr.

11667 013 LEC, 15:00-16:55 W, Twin Cities Remote, Completely Online; 3 cr.

11668 014 LEC, 15:00-16:55 Th, Twin Cities Remote, Completely Online; 3 cr.

11710 016 LEC, 12:50-14:45 F, Twin Cities Remote, Completely Online; 3 cr.

11764 015 LEC, 17:10-19:05 Th, Twin Cities Remote, Completely Online; 3 cr.

11765 017 LEC, 18:15-20:10 T, Twin Cities Remote, Completely Online; 3 cr.

11766 018 LEC, 13:55-15:50 W, Twin Cities Remote, Completely Online; 3 cr.

11817 019 LEC, 13:55-15:50 Th, Twin Cities Remote, Completely Online; 3 cr.

11818 020 LEC, 16:05-18:00 Th, Twin Cities Remote, Completely Online; 3 cr.

11857 005 LEC, 15:00-16:55 F, Twin Cities Remote, Completely Online; 3 cr.

3025 Molecular Biology and Society
(Student Option; Prerequisite for most upper-level CBS courses.TS)
11712 001 LEC, 08:15-09:30 MW, Twin Cities Remote, Completely Online; Brian Van Ness ; 3 cr.

11719 002 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Anath Das ; 3 cr.

11816 003 LEC, 10:15-11:30 TTh, Twin Cities Remote, Completely Online; Kathryn Fixen, Jeffrey Gralnick ; 3 cr.

3209 Understanding the Evolution-Creationism Controversy

(A-F only; Prereq: BIOL 1001, 1009, 1951 or 2002, or equivCIV)
33135 001 LEC, 08:15-09:30 TTh, Molecular Cellular Biol 2-122, In Person Term Based; Randy Moore ; 3 cr.

3211 Physiology of Humans and Other Animals

(Student Option; Prereq: [1009 or 2003], [CHEM 1062/1066 or 1082/1086], [2005 is recommended])
11477 001 LEC, 10:15-11:30 WF, Twin Cities Remote, Completely Online; Paloma Gonzalez Bellido ; 3 cr.

33194 002 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Sarah Malquist ; 3 cr.

3272 Applied Biostatistics

(A-F only; Prereq: High school algebra; BIOL 2003 recommended)
11608 001 LEC, 16:30-18:10 MW, ONLINE BLENDED, 16:30-18:10 MW, Borlaug Hall 335, Partially Online; Meets With: 001 BIOL 5272; Fumiaki Katagiri ; 4 cr.

3302 Dean's Scholar: Leadership Capstone Experience

(S-N only; Prereq: 1301, 2301, CBS dean's scholar)
11584 001 DIS, 11:15-12:30 M, Bruininks Hall 131A, In Person Term Based; Nikki Letawsky Shultz ; 1 cr.

3303 Dean's Scholar: Peer Leadership Development

(S-N only;)
11585 001 DIS, 11:15-12:05 F, Bruininks Hall 420B, In Person Term Based; Aryn Lipnicki ; 1 cr.

3503 Biology of Aging

(A-F only; Prereq: 1002 or 1009 or 2003 or equiv)
11553 001 LEC, 15:00-16:55 M, Biological Sciences Ctr 64, In Person Term Based; James Curtisinger ; 2 cr.

3600 Directed Instruction

(S-N or Audit; Prereq: 1020, upper div, application, instr consent; up to 4 cr may apply to major)
11461 001 IND, 00:00-00:00 , , In Person Term Based; Valery Forbes ; 1-2 cr.

3700 Undergraduate Seminar

(Student Option;)
35230 001 LEC, 11:15-12:05 MW, Twin Cities Remote, Completely Online; Ian MacFarlane ; 1-3 cr.

3960H Communicating in the Biological Sciences

(A-F only;)
11455 001 LEC, 18:00-19:00 M, ONLINE BLENDED, 18:00-19:00 M, Biological Sciences Ctr 64, Partially Online; Daniel Bond ; 1 cr.

11456 002 LEC, 19:00-20:00 M, ONLINE BLENDED, 19:00-20:00 M, Biological Sciences Ctr 64, Partially Online; Daniel Bond ; 1 cr.

4003 Genetics

(Student Option; Prereq: Biol 3020 or Biol 3025 or Biol 3015 or BioC 3021 or BioC 4331 or grad MSB)
11460 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Jeffrey Simon ; 3 cr.

11545 091 LEC, Completely Online; Kathryn Bushley ; 3 cr.

11772 090 LEC, Completely Online; Robert Brooker ; 3 cr.

4004 Cell Biology

(Student Option; Prereq: Biol 4003 or Biol 3020 or Biol 3025 or Biol 3015 or grad)
11463 091 LEC, Completely Online; Hiroshi Nakato ; 3 cr.

11464 002 LEC, 13:30-14:45 TTh, ONLINE BLENDED, 13:30-14:45 TTh, Ruttan Hall B45, Partially Online; Min Ni ; 3 cr.

11773 090 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)
11566 001 FWK, 00:00-00:00 , , Primarily Online; Cheryl Scott ; 1 cr.

11605 002 FWK, 00:00-00:00 , , Primarily Online; Adam Engelhardt ; 1 cr.

4793W Directed Studies: Writing Intensive

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793W, 4794W, 4993, 4994 counts towards CBS major requirements. WI)

11582 001 IND, Independent/Directed Study; 1-7 cr.

4794W Directed Research: Writing Intensive

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793W, 4794W, 4993, 4994 counts towards CBS major requirements. WI)

11583 001 IND, Independent/Directed Study; 1-7 cr.

4960H Thesis Writing in the Biological Sciences: Developing the Literature Review

(A-F only;)

11606 001 LEC, 12:20-13:10 W, Twin Cities Remote, Completely Online; Leslie Schiff; 1 cr.

4993 Directed Studies

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793W, 4794W, 4993, 4994 counts towards CBS major requirements.)

11573 001 IND, Independent/Directed Study; 1-7 cr.

4994 Directed Research

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793W, 4794W, 4993, 4994 counts towards CBS major requirements.)

11574 001 IND, Independent/Directed Study; 1-7 cr.

5272 Applied Biostatistics

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

11631 001 LEC, 16:30-18:10 MW, ONLINE BLENDED, 16:30-18:10 MW, Borlaug Hall 335, Partially Online; Meets With: 001 BIOL 3272; Fumiaki Katagin; 4 cr.

Biology, Society, and Environ (BSE)

2001 An Introduction to Biology, Society, and Environment

(A-F only;)

16051 001 LEC, Completely Online; Roderick Squires; 2 cr.

3361W Geography and Public Policy

(Student Option; WI)

16974 001 LEC, Completely Online; Meets With: 001 GEOG 3361W; Roderick Squires; 3 cr.

3991 Biology, Society and Environment Capstone

(S-N only;)

17840 001 IND, Completely Online; Katherine Klink; 1 cr.

3996 Senior Project Directed Research

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

15979 001 IND, 00:00-00:00 , , In Person Term Based; Bruce Braun; 3-4 cr.

17089 006 IND, In Person Term Based; Arun Saldanha; 3-4 cr.

17090 007 IND, In Person Term Based; Abdi Samatar; 3-4 cr.

17091 002 IND, In Person Term Based; Kathryn Grace; 3-4 cr.

17092 003 IND, In Person Term Based; Daniel Griffin; 3-4 cr.

17093 004 IND, In Person Term Based; Kurt Kipfmueller; 3-4 cr.

17094 005 IND, In Person Term Based; Katherine Klink, Ivan Bialostosky; 3-4 cr.

17095 008 IND, In Person Term Based; Roderick Squires; 3-4 cr.

17096 009 IND, In Person Term Based; 3-4 cr.

3997 Senior Project

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

15980 001 IND, 00:00-00:00 , , In Person Term Based; Bruce Braun; 2 cr.

17105 002 IND, In Person Term Based; Kathryn Grace; 2 cr.

17106 003 IND, In Person Term Based; Daniel Griffin; 2 cr.

17107 004 IND, In Person Term Based; Kurt Kipfmueller; 2 cr.

17108 005 IND, In Person Term Based; Katherine Klink, Ivan Bialostosky; 2 cr.

17109 006 IND, In Person Term Based; Arun Saldanha; 2 cr.

17110 007 IND, In Person Term Based; Abdi Samatar; 2 cr.

17111 008 IND, In Person Term Based; Roderick Squires; 2 cr.

17112 009 IND, In Person Term Based; 2 cr.

Biomedical Engineering (BMEN)

1601 Biomedical Engineering Undergraduate Seminar I

(A-F only; Prereq: CSE student)

21442 001 LEC, 16:40-17:30 W, Twin Cities Remote, Completely Online; Robert Tranquillo; 1 cr.

2401 Programming for Biomedical Engineers

(A-F only; Prereq: MATH 1272, PHYS 1302, CSE student)

22106 001 LEC, 12:20-13:10 T, Twin Cities Remote, Completely Online; Victor Barocas; 2 cr.

22107 002 LAB, 12:20-13:10 Th, Twin Cities Remote, Completely Online; Victor Barocas; 2 cr.

23455 003 LEC, 13:25-14:15 T, Twin Cities Remote, Completely Online; Victor Barocas; 2 cr.

23456 004 LAB, 13:25-14:15 Th, Twin Cities Remote, Completely Online; Victor Barocas; 2 cr.

2501 Cellular and Molecular Biology for Biomedical Engineers

(A-F or Audit; Prereq: concurrent registration is required (or allowed) in CHEM 1022, concurrent registration is required (or allowed) in MATH 1372, concurrent registration is required (or allowed) in PHYS 1302, CSE studentBIOL)

22098 001 LEC, 12:20-13:10 MWF, Twin Cities Remote, Completely Online; Meets With: 001 BMEN 5501; Jonathan Sachs, Brian Herman; 4 cr.

22099 002 LAB, 08:00-09:55 T, Twin Cities Remote, Completely Online; Jonathan Sachs, Brian Herman; 4 cr.

22100 003 LAB, 10:10-12:05 T, Twin Cities Remote, Completely Online; Jonathan Sachs, Brian Herman; 4 cr.

22101 004 LAB, 08:00-09:55 Th, Twin Cities Remote, Completely Online; Jonathan Sachs, Brian Herman; 4 cr.

22102 005 LAB, 10:10-12:05 Th, Twin Cities Remote, Completely Online; Jonathan Sachs, Brian Herman; 4 cr.

22103 006 LAB, 13:25-15:20 M, Twin Cities Remote, Completely Online; Jonathan Sachs, Brian Herman; 4 cr.

22661 007 LAB, 13:25-15:20 W, Twin Cities Remote, Completely Online; Jonathan Sachs, Brian Herman; 4 cr.

3011 Biomechanics

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

22839 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Patrick Alford; 3 cr.

22840 002 DIS, 12:20-13:10 W, Twin Cities Remote, Completely Online; Patrick Alford; 3 cr.

22841 003 DIS, 13:25-14:15 W, Twin Cities Remote, Completely Online; Patrick Alford; 3 cr.

22842 004 DIS, 14:30-15:20 W, Twin Cities Remote, Completely Online; Patrick Alford; 3 cr.

3015 Biomechanics Lab

(A-F or Audit; Prereq: [BME UD or dept consent], concurrent registration is required (or allowed) in 3011)

22843 001 LAB, 09:05-11:00 T, Twin Cities Remote, Completely Online; Patrick Alford; 1 cr.

22844 002 LAB, 11:15-13:10 T, Twin Cities Remote, Completely Online; Patrick Alford; 1 cr.

22845 003 LAB, 08:00-09:55 Th, Twin Cities Remote, Completely Online; Patrick Alford; 1 cr.

22846 004 LAB, 11:15-13:10 Th, Twin Cities Remote, Completely Online; Patrick Alford; 1 cr.

3151 Medical Device Practicum

(A-F only;)

23854 001 LEC, 15:35-16:25 W, Mayo Medical Device Ctr G217-1, In Person Term Based; Steven Saliterman; 1 cr.

3211 Bioelectricity and Bioinstrumentation

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

22847 001 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Taner Akkin, Zhi Yang; 3 cr.

22848 002 DIS, 11:15-12:05 T, Twin Cities Remote, Completely Online; Taner Akkin, Zhi Yang; 3 cr.

22849 003 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; Taner Akkin, Zhi Yang; 3 cr.

22850 004 DIS, 08:00-08:50 W, Twin Cities Remote, Completely Online; Taner Akkin, Zhi Yang; 3 cr.

3215 Bioelectricity and Bioinstrumentation Lab

(A-F or Audit; Prereq: [BMEN Upper Div or dept consent], concurrent registration is required (or allowed) in 3211)

22851 001 LAB, 13:25-15:20 T, Twin Cities Remote, Completely Online; Taner Akkin, Zhi Yang; 1 cr.

22852 002 LAB, 16:35-18:30 T, Twin Cities Remote, Completely Online; Taner Akkin, Zhi Yang; 1 cr.

22853 003 LAB, 13:25-15:20 Th, Twin Cities Remote, Completely Online; Taner Akkin, Zhi Yang; 1 cr.

22854 004 LAB, 15:35-17:30 Th, Twin Cities Remote, Completely Online; Taner Akkin, Zhi Yang; 1 cr.

3601 Biomedical Engineering Careers and Practice in the Med Tech Industry

(A-F only;)

22973 001 LEC, 12:20-13:10 M, Twin Cities Remote, Completely Online; Mark Kroll; 1 cr.

4001W Biomedical Engineering Design I

(A-F or Audit; Prereq: 2501, 3001, 3101, 3201, 3301, 3701WI)

21488 001 LEC, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; Shai Ashkenazi; 3 cr.

21489 002 DIS, Completely Online; Shai Ashkenazi; 3 cr.

4011 CAD/CAE of Bioelectrical Devices

(A-F or Audit; Prereq: [3211, 3215] or instr consent)

23002 001 LAB, 17:00-17:50 T, Twin Cities Remote, Completely Online; Birin Yucusan; 1 cr.

4013 CAD of Biomechanical/transport Devices

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

23003 001 LAB, 13:25-14:15 M, Twin Cities Remote, Completely Online; Paul Hattan; 1 cr.

23259 002 LAB, 14:30-15:20 M, Twin Cities Remote, Completely Online; Paul Hattan; 1 cr.

4015 CAE of Biomechanical/Transport Devices

(A-F or Audit; Prereq: 3011, 3015, 3111, 3115)

23004 001 LAB, 16:40-17:55 M, Twin Cities Remote, Completely Online; Ismail Guler; 1 cr.

4710 Directed Research

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

21443 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)

21444 001 IND, 00:00-00:00 , , 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)

23032 001 IND, 00:00-00:00 , , In Person Term Based; Taner Akkin; 1-4 cr.

4896 Industrial Assignment I: Co-op Program

(A-F only; Prereq: BMEN upper div, completion of required courses in BMEN prog through spring sem of 3rd yr, registered in co-op prog prereq: BMEN upper div, completion of required courses in BMEN prog through spring sem of 3rd yr, registered in co-op prog)

22490 001 FWK, 00:00-00:00 , , Independent/Directed Study; Chun Wang; 2 cr.

4996W Industrial Assignment II: Co-op Program

(A-F only; Prereq: 4896, registered in co-op progWI)

22503 001 FWK, 00:00-00:00 , , Independent/Directed Study; Chun Wang, Frank Kelso; 4 cr.

5001 Advanced Biomaterials

(A-F or Audit; Prereq: 3301 or MatS 3011 or grad student or instr consent)

21242 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Wei Shen; 3 cr.

5201 Advanced Biomechanics

(Student Option; Prereq: [[3001 or equiv], [CSE upper div or grad student]] or instr consent)

21535 001 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Victor Barocas; 3 cr.

5321 Microfluidics in Biology and Medicine

(A-F or Audit; Prereq: [3111, AEM 4201, ChEn 4005, [ME 3331 or ME 3332 or CSE grad student or instr consent]

33743 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; David Wood ; 3 cr.

5351 Cell Engineering

(Student Option; Prereq: [2401, [2501 or concurrent registration is required (or allowed) in 5501], [MATH 2243 or MATH 2373]] or CSE upper div or grad student or instr consent)

22479 001 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; David Odde ; 3 cr.

5361 3D Bioprinting

(A-F only ;)
23506 001 LEC, 16:50-18:30 M, ONLINE BLENDED,
Partially Online; Angela Panoskaltis-Mortari ; 2 cr.

5401 Advanced Biomedical Imaging

(A-F or Audit; Prereq: CSE upper div or grad student or instr consent)

23346 001 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Alexander Opitz ; 3 cr.

5411 Neural Engineering

(Student Option; Prereq: 3401 recommended)
22456 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Tay Netoff ; 3 cr.

5412 Neuromodulation

(A-F or Audit;)
23444 001 LEC, 13:00-14:15 MW, Twin Cities Remote,
Completely Online; Matthew Johnson ; 3 cr.

5501 Biology for Biomedical Engineers

(Student Option; Prereq: Engineering upper div or grad student)

22104 001 LEC, 12:20-13:10 MWF, Twin Cities Remote,
Completely Online; Meets With: 001 BMEN 2501; Jonathan Sachs, Brian Herman ; 3 cr.

Bioproducts and Biosystems Eng (BBE)

1001 Bioproducts and Biosystems Engineering Orientation

(S-N or Audit;)
22365 001 LEC, 15:00-16:55 Th, Kaufert Laboratory 302,
Partially Online; Ulrike Tschirmer, Joe Magner ; 1 cr.
22898 002 LEC, 15:00-16:55 Th, Kaufert Laboratory 302,
Partially Online; Joe Magner, Ulrike Tschirmer ; 1 cr.

1002 Biorenewable Resources

(Student Option; TS)
18638 001 LEC, Completely Online; William Tai Yin Tze,
Lucas Stolp ; 3 cr.

2001 Mechanics and Structural Design

(A-F or Audit; Prerequisite: Math 1272 or Math 1372 or Math 1572H and Phys 1101W or Phys 1301W or Phys 1401V)

22378 001 LEC, 08:30-09:20 MW, Twin Cities Remote,
Completely Online; Koray Sekeroglu ; 4 cr.
22379 002 LAB, 10:40-12:35 T, Twin Cities Remote,
Completely Online; Koray Sekeroglu ; 4 cr.
22794 003 LAB, 12:50-14:45 T, Twin Cities Remote,
Completely Online; Koray Sekeroglu ; 4 cr.

2003 Computer Applications in Bioproducts and Biosystems Engineering

(A-F or Audit; Prereq: (Math 1271 or Math 1371, Math 1272 or Math 1372, Concurrent registration in [(Math 2243 or 2373) OR (Math 2263 or 2374)]) CSE lower division or CSE Upper Division BBE Majors or CFANS Pre-BBE (Premajor) or instructor consent.)

23499 001 LEC, 10:40-12:35 W, Twin Cities Remote,
Completely Online; Ce Yang, Huajiang Huang, Zhenong Jin ; 3 cr.
23500 002 LAB, 09:10-10:55 F, Twin Cities Remote,
Completely Online; Ce Yang, Huajiang Huang, Zhenong Jin ; 3 cr.
23501 003 LAB, 09:10-10:55 F, Twin Cities Remote,
Completely Online; Ce Yang, Huajiang Huang, Zhenong Jin ; 3 cr.

2201 Renewable Energy and the Environment

(Student Option; TS)
18623 001 LEC, 00:00-00:00 , ONLINE, Completely Online;
David Schmidt, Cindy McComas ; 3 cr.

3002 Introduction to Engineering Design

(A-F only; Prereq: [MATH 1271 or MATH 1371, CHEM 1021, BBE lower div (soph) or upper div (jr), freshman writing req] or instr consent)

22561 001 LEC, 13:55-14:45 MW, Twin Cities Remote,
Completely Online; Bo Hu, John Chapman ; 3 cr.
22562 003 LAB, 15:00-16:50 M, Twin Cities Remote,
Completely Online; Bo Hu, John Chapman ; 3 cr.
22563 002 LAB, 15:00-16:50 M, Twin Cities Remote,
Completely Online; Bo Hu, John Chapman ; 3 cr.
22966 004 LAB, 15:00-16:50 M, Twin Cities Remote,
Completely Online; Bo Hu, John Chapman ; 3 cr.

3012 Transport in Biological Processes I

(A-F only; Prereq: BBE 1001 or concurrent registration and BBE 2001 and BBE 3033 and Math 2243 or Math 2373 or Math 2574H and Math 2263 or Math 2374 or Math 2573H and Phys 1302W or Phys 1402V)

22604 001 LEC, 10:15-11:30 TTh, Twin Cities Remote,
Completely Online; John Nieber, Mrinal Bhattacharya ; 4 cr.
22605 002 LAB, 09:30-12:00 F, Biosystems & Ag Eng Bldg 106, Partially Online; John Nieber, Mrinal Bhattacharya ; 4 cr.
22749 003 LAB, 08:45-11:15 M, Biosystems & Ag Eng Bldg 106, Partially Online; Mrinal Bhattacharya, John Nieber ; 4 cr.

3013 Engineering Principles of Molecular and Cellular Processes

(A-F or Audit; Prereq: BBE 1001 or concurrent reg and BIOL 1009 and CHEM 1062 or equiv and CHEM 1066 or equiv and MATH 1372 or equiv and BIOC 2011 or CHEM 2301, or instructor consent)

22484 001 LEC, 11:45-12:35 MW, Kaufert Laboratory 302,
Partially Online; Brett Barney ; 3 cr.
22485 002 LAB, 15:00-17:00 W, Andrew Boss Laboratory 135, In Person Term Based; Brett Barney ; 3 cr.
22486 003 LAB, 15:00-17:00 Th, Andrew Boss Laboratory 135, In Person Term Based; Brett Barney ; 3 cr.
35498 004 LAB, 17:10-19:10 W, Andrew Boss Laboratory 135, In Person Term Based; Brett Barney ; 3 cr.

3023 Ecological Engineering Principles

(Student Option; Prereq: BIOL 1009, [3012 or concurrent registration is required (or allowed) in 3012] or instr consent)

22367 001 LEC, 12:50-13:40 TTh, Biosystems & Ag Eng Bldg 106, Partially Online; Zhenong Jin, Chris Lenhart ; 3 cr.
22368 002 LAB, 13:55-16:15 T, Biosystems & Ag Eng Bldg 106, Partially Online; Zhenong Jin, Chris Lenhart ; 3 cr.

3093 Directed Studies

(Student Option; Prereq: instr consent)
22371 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)
18650 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Natalie Hunt ; 3 cr.

3394 Directed Research

(Student Option; Prereq: department consent, instructor consent, no more than 6 credits of directed research counts towards CFANS major requirements.)
18533 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

3396 Industry Assignment

(A-F or Audit;)
18534 001 FWK, 00:00-00:00 , No Room Required, In Person Term Based; 1 cr.

4001 Chemistry of Biomass and Biomass Conversion to Fuels and Products

(A-F or Audit; Prereq: CHEM 2301 or instr consentENV)
22380 001 LEC, Completely Online; Meets With: 001 CHEM 4001001 BBE 5001; Ulrike Tschirmer ; 4 cr.
22768 002 LEC, 00:00-00:00 , ONLINE, Completely Online; Meets With: 002 BBE 5001; Ulrike Tschirmer ; 4 cr.

4023W Process Control and Instrumentation

(A-F or Audit; Prereq: Upper div CSE or grad studentWJ)
22369 001 LEC, 12:50-13:40 MW, Twin Cities Remote,
Completely Online; Meets With: 001 BBE 5023; Ce Yang, Kevin Janni ; 3 cr.
22370 002 LAB, 12:50-14:30 F, , In Person Term Based; Meets With: 002 BBE 5023; Ce Yang, Kevin Janni ; 3 cr.
22750 003 LAB, 14:45-16:25 F, , In Person Term Based; Meets With: 003 BBE 5023; Ce Yang, Kevin Janni ; 3 cr.

22954 004 LAB, 12:50-14:30 Th, , In Person Term Based;
Meets With: 004 BBE 5023; Ce Yang, Kevin Janni ; 3 cr.

4301 Applied Surface and Colloid Science

(Student Option; Prereq: 3043 or BMEN 2101 or CHEM 3101 or CHEM 4501 or instr consent)

22962 001 LEC, 13:30-14:45 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 BBE 5301001 CHEM 4301; Steve Severson ; 3 cr.

4401 Bioproducts Separation and Purification Processes

(A-F or Audit;)
22381 001 LEC, 11:45-13:15 TTh, Kaufert Laboratory 302, Partially Online; Meets With: 001 BBE 5401; Shri Ramaswamy ; 3 cr.

4402 Bio-based Products Engineering Lab II

(A-F or Audit; Prereq: BBE 2003 and BBE 4013, [jr or sr or instr consent])

23434 001 LAB, 08:30-11:00 W, Kaufert Laboratory 60, Partially Online; Meets With: 001 BBE 5402; Shri Ramaswamy, Huajiang Huang, Ulrike Tschirmer ; 2 cr.
23437 002 LAB, 08:30-11:00 F, Kaufert Laboratory 60, Partially Online; Meets With: 002 BBE 5402; Huajiang Huang, Shri Ramaswamy, Ulrike Tschirmer ; 2 cr.

4404 Biopolymers and Biocomposites Engineering

(A-F or Audit; Prereq: [BBE/CSE upper division] or instr consent)
22960 001 LEC, 10:15-11:30 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 BBE 5404; William Tai Yin Tze ; 3 cr.

4535 Assessment and Diagnosis of Impaired Waters

(A-F only; Prereq: BBE 3012 and Upper division in CSE or CFANS or CBS student or instr consent)

22569 001 LEC, 08:45-10:00 TTh, Biosystems & Ag Eng Bldg 106, Partially Online; Meets With: 001 BBE 5535; Joe Magner, John Nieber ; 3 cr.

4608 Environmental and Industrial Microbiology

(A-F only; Prereq: [BIOL 1001 or BIOL 1009], CHEM 1011)
18837 001 LEC, 13:30-14:45 TTh, Kaufert Laboratory 302,
Partially Online; Meets With: 001 BBE 5608; Jiwei Zhang ; 3 cr.

4744 Engineering Principles for Biological Scientists

(A-F or Audit; Prereq: [Math 1142 or Math 1271], Phys 1101; intended for non engineering students)

22372 001 LEC, 08:45-10:00 TTh, Twin Cities Remote,
Completely Online; Abdennour ABBAS ; 4 cr.
22373 002 LAB, 12:50-15:50 Th, Food Science & Nutrition 150, Partially Online; Kumar Mallikarjunan, Shahin Roohinejad ; 4 cr.

4900 Intern Reports

(A-F or Audit; Prereq: [CSE or CFANS] student in BBE, instr consent)

22374 001 FWK, 00:00-00:00 , , In Person Term Based; 2 cr.

5001 Chemistry of Biomass and Biomass Conversion to Fuels and Products

(A-F or Audit; Prereq: Grad student or instr consent)
22382 001 LEC, Completely Online; Meets With: 001 CHEM 4001001 BBE 4001; Ulrike Tschirmer ; 4 cr.
23391 002 LEC, 00:00-00:00 , ONLINE, Completely Online; Meets With: 002 BBE 4001; Ulrike Tschirmer ; 4 cr.

5023 Process Control and Instrumentation

(Student Option; Prereq: Grad student or instr consent)
22384 001 LEC, 12:50-13:40 MW, Twin Cities Remote,
Completely Online; Meets With: 001 BBE 4023W; Ce Yang, Kevin Janni ; 3 cr.
22956 002 LAB, 12:50-14:30 F, , In Person Term Based; Meets With: 002 BBE 4023W; Ce Yang, Kevin Janni ; 3 cr.
22957 003 LAB, 14:45-16:25 F, , In Person Term Based; Meets With: 003 BBE 4023W; Ce Yang, Kevin Janni ; 3 cr.
22958 004 LAB, 12:50-14:30 Th, , In Person Term Based; Meets With: 004 BBE 4023W; Ce Yang, Kevin Janni ; 3 cr.

5093 Directed Study

(Student Option; Prereq: department consent, instructor consent, no more than 6 credits of directed research counts towards CFANS major requirements.)

33055 001 IND, In Person Term Based; 1-4 cr.

5094 Directed Research

(Student Option; Prereq: instr consent)

22375 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

5301 Applied Surface and Colloid Science

(Student Option;)

22963 001 LEC, 13:30-14:45 TTh, Twin Cities Remote, Completely Online; Meets With: 001 BBE 4301001 CHEM 4301; Steve Severson ; 3 cr.

5402 Bio-based Products Engineering Lab II

(A-F or Audit;)

23435 001 LAB, 08:30-11:00 W, Kaufert Laboratory 60, Partially Online; Meets With: 001 BBE 4402; Shri Ramaswamy, Huajiang Huang, Ulrike Tschirner ; 2 cr.
23438 002 LAB, 08:30-11:00 F, Kaufert Laboratory 60, Partially Online; Meets With: 002 BBE 4402; Huajiang Huang, Shri Ramaswamy, Ulrike Tschirner ; 2 cr.

5404 Biopolymers and Biocomposites Engineering

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

22961 001 LEC, 10:15-11:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 BBE 4404; William Tai Yin Tze ; 3 cr.

5513 Watershed Engineering

(A-F or Audit; Prereq: 3023, upper div CSE or grad student)

22376 001 LEC, 11:45-12:35 TTh, Twin Cities Remote, Completely Online; Bruce Wilson ; 3 cr.
22377 002 LAB, 14:55-17:25 Th, Twin Cities Remote, Completely Online; Bruce Wilson ; 3 cr.

5535 Assessment and Diagnosis of Impaired Waters

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

22488 001 LEC, 08:45-10:00 TTh, Biosystems & Ag Eng Bldg 106, Partially Online; Meets With: 001 BBE 4535; Joe Magner, John Nieber ; 3 cr.

5608 Environmental and Industrial

Microbiology

(A-F only; Prereq: [BIOL 1001 or BIOL 1009], CHEM 1011)

18838 001 LEC, 13:30-14:45 TTh, Kaufert Laboratory 302, Partially Online; Meets With: 001 BBE 4608; Jiwei Zhang ; 3 cr.

Business Administration (BA)

1001 Introduction to Analyzing Business Problems using Excel

(A-F only;)

19433 001 LEC, 08:00-08:50 TTh, Carlson School of Mgmt 1-115, In Person Term Based; Jeff Bailey ; 1 cr.
19434 002 LEC, 09:05-09:55 TTh, Carlson School of Mgmt 1-115, In Person Term Based; Jeff Bailey ; 1 cr.
19435 003 LEC, 10:10-11:00 TTh, Carlson School of Mgmt 1-115, In Person Term Based; Jeff Bailey ; 1 cr.
19436 004 LEC, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; Lisa Kline ; 1 cr.
19437 005 LEC, 11:15-12:05 MW, Twin Cities Remote, Completely Online; Lisa Kline ; 1 cr.
19438 006 LEC, 12:20-13:10 MW, Twin Cities Remote, Completely Online; Lisa Kline ; 1 cr.
19439 007 LEC, 10:10-11:00 MW, Twin Cities Remote, Completely Online; Lisa Kline ; 1 cr.
19451 008 LEC, 11:15-12:05 MW, Twin Cities Remote, Completely Online; Lisa Kline ; 1 cr.
19452 009 LEC, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; Lisa Kline ; 1 cr.
34475 010 LEC, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; Lisa Kline ; 1 cr.

1919 WHY BEFORE HOW: Thriving in a World of Increasing Expectations

(S-N only;)

33927 001 DIS, 14:30-17:00 T, Carlson School of Mgmt 1-123, In Person Term Based; Vldas Griskevicius ; 3 cr.

1990 Topics in Business

(Student Option;)

34902 001 LEC, 11:15-12:30 M, Carlson School of Mgmt 1-147, In Person Term Based; Sarah Wojnicki Smith, Ameer McDonald ; 1-4 cr.

34922 002 LEC, 16:00-17:15 M, Hanson Hall 1-104, In Person Term Based; Ameer McDonald ; 1-4 cr.

34923 003 LEC, 09:45-11:00 T, Carlson School of Mgmt 1-123, In Person Term Based; Sarah Wojnicki Smith ; 1-4 cr.

34924 004 LEC, 13:00-14:15 W, Hanson Hall 1-108, In Person Term Based; Laura Rasmussen ; 1-4 cr.

34925 005 LEC, 11:15-12:30 Th, Carlson School of Mgmt 1-123, In Person Term Based; Britney Hayes ; 1-4 cr.

3000 Career Skills

(S-N only; Prereq: CSOM [soph or upper div] major, MACC, MBT)

19069 003 LEC, 08:15-09:30 T, Twin Cities Remote, Completely Online; Mark Sorenson-Wagner ; 1 cr.
19070 004 LEC, 09:55-11:10 T, Twin Cities Remote, Completely Online; Britney Hayes ; 1 cr.
19071 002 LEC, 16:00-17:15 M, Twin Cities Remote, Completely Online; Xiaojing Zhang ; 1 cr.
19074 005 LEC, 16:00-17:15 T, Twin Cities Remote, Completely Online; Frankie Massaroni ; 1 cr.
19079 006 LEC, 13:45-15:00 W, Twin Cities Remote, Completely Online; Deirdre Opp ; 1 cr.
19123 007 LEC, 16:00-17:15 W, Twin Cities Remote, Completely Online; Rebecca Dordel ; 1 cr.
19124 008 LEC, 08:15-09:30 Th, Twin Cities Remote, Completely Online; Jennifer Fuhrman ; 1 cr.
19248 001 LEC, 13:45-15:00 M, Twin Cities Remote, Completely Online; Xiaojing Zhang ; 1 cr.
19418 009 LEC, 09:55-11:10 Th, Twin Cities Remote, Completely Online; Jennifer Fuhrman ; 1 cr.
19517 010 LEC, 11:50-13:05 Th, Twin Cities Remote, Completely Online; Jennifer Fuhrman ; 1 cr.
31534 011 LEC, 09:55-11:10 F, Twin Cities Remote, Completely Online; Frankie Massaroni ; 1 cr.

3993 Directed Study

(Student Option; Prereq: Instructor consent)

19055 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

3999 Internship Seminar

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

19223 001 IND, 00:00-00:00 , , In Person Term Based; Rebecca Dordel ; 1 cr.
19338 002 IND, 00:00-00:00 , , In Person Term Based; Rebecca Dordel ; 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)

19377 001 FWK, 08:00-09:40 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)

19378 001 FWK, 08:00-09:40 MW, Room TBA, In Person Term Based; Susanna Gibbons ; 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)

19125 001 FWK, 08:00-09:40 TTh, Hanson Hall 1-106, In Person Term Based; Meets With: 001 MBA 6503; 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)

19126 001 FWK, 08:00-09:40 TTh, Hanson Hall 1-109, In Person Term Based; Meets With: 001 MBA 6504; 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)

19127 001 FWK, 08:00-09:40 TTh, Hanson Hall 1-111, Partially Online; Meets With: 001 MBA 6505; David Hopkins ; 3 cr.

4992V Honors Thesis Seminar

(A-F only; Prereq: Senior honors studentWI)

19424 001 LEC, 11:50-13:05 MW, Twin Cities Remote, Completely Online; Colleen Manchester ; 3 cr.

4994H Directed Research

(A-F only; Prereq: Honors)

19199 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

Business Law (BLAW)

3059 Real Estate Law

(A-F only;)

19480 001 LEC, Completely Online; Jack Kramer ; 2 cr.

3061 Business Law Basics

(A-F only; Prerequisite for this course. The goal is to provide basic concepts that can be used throughout your career to spot legal issues, identify potential concerns, and with the aid of counsel, solve or avoid problems. General topics include: various legal entities in which business can be conducted, tort law (with emphasis on negligence), real estate law, the law of agency, intellectual property (patents, copyrights, trade secrets and trademarks), warranty law, product liability, employment law, certain discrimination laws (including Minnesota's fairly recent protections for women in the workplace), alternative dispute resolution and administrative law. Throughout the course, we will examine the impact of the Supreme Court on American business. NOTE: Students who previously took BLAW 3058 (4 credit course) should NOT take this course.)

33759 001 LEC, Completely Online; Jack Kramer ; 2 cr.

33760 020 LEC, Completely Online; Jack Kramer ; 2 cr.

3062 Contract Law and Corporate Regulation

(A-F only; Prerequisite for this course. General topics include: (1) the law of contracts and transactions involving the sale of goods, (2) secured transactions (how creditors can use a debtor's assets as collateral to secure indebtedness), and (3) the basics of bankruptcy law. Public company subjects include: pros and cons of going public, the IPO process, federal securities laws and SEC regulations regarding public company reporting requirements, insider trading, the Sarbanes-Oxley Act of 2002 and its impact on corporate governance, trends in shareholder democracy rights and shareholder activism, and the role of boards and audit committees. Throughout the course, we will examine the impact of the Supreme Court on American business. NOTE: Students who previously took BLAW 3058 (4 credit course) should NOT take this course.)

33755 001 LEC, Completely Online; Jack Kramer ; 2 cr.

33756 002 LEC, Completely Online; Jack Kramer ; 2 cr.

33758 004 LEC, Completely Online; Jack Kramer ; 2 cr.

Carlson Executive MBA (CMBA)

Cellular/Organismal Physiology (COP)

4793W Writing Intensive Directed Studies

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793, 4794, 4993W, 4994W counts towards CBS major requirements. WI) 33106 001 IND, In Person Term Based; Sarah Malmquist ; 1-7 cr.

4794W Writing Intensive Directed Research

(S-N only; WI)

33107 001 IND, In Person Term Based; Sarah Malmquist ; 1-7 cr.

4993 Directed Studies

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793, 4794, 4993W, 4994W counts towards CBS major requirements.) 33108 001 IND, In Person Term Based; Sarah Malmquist ; 1-7 cr.

4994 Directed Research

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793, 4794, 4993W, 4994W counts towards CBS major requirements.) 33109 001 IND, In Person Term Based; Sarah Malmquist ; 1-7 cr.

Center for Allied Health Prog (CAHP)

5110 Foundations of Interprofessional Communication and Collaboration

(S-N only; Prereq: Enrolled CLSP or OT student)
 26965 001 LEC, In Person Term Based; 1 cr.
 26966 002 LEC, In Person Term Based; 1 cr.
 26967 003 LEC, In Person Term Based; 1 cr.
 26968 004 LEC, In Person Term Based; 1 cr.

Chemical Engineering (CHEN)**1001 Advances in Chemical Engineering and Materials Science**

(S-N or Audit; Prereq: Recommended for [chemical engineering, materials science/engineering] majors)
 21419 001 LEC, 14:30-15:20 Th, Twin Cities Remote, Completely Online; Meets With: 001 MATS 1001; Aditya Bhan, Frank Bates ; 1 cr.

2001 Material and Energy Balances

(A-F or Audit; Prereq: concurrent registration is required (or allowed) in CHEM 2301 or equiv., concurrent registration is required (or allowed) in MATH 2374 or equiv., concurrent registration is required (or allowed) in PHYS 1302 or equiv., CSE student, C- or better in all pre-reqs)
 22438 002 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Michelle Calabrese ; 4 cr.
 22439 001 LEC, 15:35-16:25 MWF, Smith Hall 100, Partially Online; Michelle Calabrese ; 4 cr.
 22440 003 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Michelle Calabrese ; 4 cr.
 22441 004 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Michelle Calabrese ; 4 cr.
 22455 006 DIS, 15:35-16:25 TTh, Twin Cities Remote, Completely Online; Michelle Calabrese ; 4 cr.
 35146 007 DIS, 07:00-07:50 TTh, Twin Cities Remote, Completely Online; Michelle Calabrese ; 4 cr.

2594 Directed Research Lower Division

(Student Option No Audit; Prereq: instr consent, DUGS consent)
 23028 001 IND, 00:00-00:00 , , In Person Term Based; Kevin Dorfman ; 1-4 cr.

3005 Transport Phenomena: Momentum and Heat

(A-F only; Prereq: [2001 or [transfer student, dept consent]], [Math 2373 or equiv.], upper div ChEn major, C- or better in all pre-reqs)
 21171 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Xiang Cheng ; 4 cr.
 21172 002 DIS, 08:00-08:50 TTh, Twin Cities Remote, Completely Online; Xiang Cheng ; 4 cr.
 21173 003 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Xiang Cheng ; 4 cr.
 21175 004 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Xiang Cheng ; 4 cr.
 22527 005 DIS, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; Xiang Cheng ; 4 cr.

3101 Chemical Engineering**Thermodynamics**

(A-F only; Prereq: 2001, CHEM 4501, [Math 2373 or equiv.],[upper div ChEn major or dept consent], C- or better in all pre-reqs)
 21176 001 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Paul Dauenhauer ; 4 cr.
 21177 002 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Paul Dauenhauer ; 4 cr.
 21178 003 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Paul Dauenhauer ; 4 cr.
 21179 004 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Paul Dauenhauer ; 4 cr.
 21539 005 DIS, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; Paul Dauenhauer ; 4 cr.

3701 Introduction to Biomolecular Engineering

(A-F or Audit; Prereq: 2001, [[Chem 2302 or concurrent registration is required (or allowed) in Chem 2302] or equiv.], [Math 2373 or equiv.]; high school biology recommended; C- or better in all pre-reqs)
 21943 001 LEC, 09:05-09:55 MWF, ONLINE BLENDED, 16:00-17:15 MWF, 10 Church Street SE 100, Partially Online; Benjamin Hackel ; 3 cr.
 21944 002 DIS, 08:00-08:50 T, Twin Cities Remote, Completely Online; Benjamin Hackel ; 3 cr.
 21945 003 DIS, 09:05-09:55 T, Twin Cities Remote, Completely Online; Benjamin Hackel ; 3 cr.
 21946 004 DIS, 10:10-11:00 T, Twin Cities Remote, Completely Online; Benjamin Hackel ; 3 cr.

21947 006 DIS, 12:20-13:10 T, Twin Cities Remote, Completely Online; Benjamin Hackel ; 3 cr.
 21948 007 DIS, 14:30-15:20 T, Twin Cities Remote, Completely Online; Benjamin Hackel ; 3 cr.

4401W Senior Chemical Engineering Lab (A-F only; Prereq: CHEN 3006, CHEN 3401WWW)

21180 001 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Samira Azarin ; 4 cr.
 21181 002 LAB, 13:25-17:30 M, Amundson Hall 156, 13:25-17:30 M, Amundson Hall 162, 13:25-17:30 M, Amundson Hall 158, 14:00-17:30 F , , In Person Term Based; Samira Azarin ; 4 cr.
 21182 003 LAB, 08:00-12:00 T, Amundson Hall 156, 08:00-12:00 T, Amundson Hall 162, 08:00-12:00 T, Amundson Hall 158, 08:30-12:00 Th , , In Person Term Based; Samira Azarin ; 4 cr.
 21183 004 LAB, 13:25-17:30 T, Amundson Hall 156, 13:25-17:30 T, Amundson Hall 162, 13:25-17:30 T, Amundson Hall 158, 14:00-17:30 Th , , In Person Term Based; Samira Azarin ; 4 cr.
 21184 005 LAB, 13:25-17:30 W, Amundson Hall 156, 13:25-17:30 W, Amundson Hall 162, 13:25-17:30 W, Amundson Hall 158, 14:00-17:30 M , , In Person Term Based; Samira Azarin ; 4 cr.
 21185 006 LAB, 08:00-12:00 Th, Amundson Hall 156, 08:00-12:00 Th, Amundson Hall 162, 08:00-12:00 Th, Amundson Hall 158, 08:30-12:00 T , , In Person Term Based; Samira Azarin ; 4 cr.
 21186 007 LAB, 13:25-17:30 Th, Amundson Hall 156, 13:25-17:30 Th, Amundson Hall 162, 13:25-17:30 Th, Amundson Hall 158, 14:00-17:30 T , , In Person Term Based; Samira Azarin ; 4 cr.
 21187 008 LAB, 13:25-17:30 F, Amundson Hall 156, 13:25-17:30 F, Amundson Hall 162, 13:25-17:30 F, Amundson Hall 158, 14:00-17:30 W , , In Person Term Based; Samira Azarin ; 4 cr.

4593 Directed study

(Student Option No Audit; Prereq: ChEn major upper division, instr consent)
 21213 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)
 21212 001 IND, 00:00-00:00 , , In Person Term Based; Kevin Dorfman ; 1-4 cr.

4594H Directed Research - Honors

(A-F only; Prereq: instr and DUGS consent, upper div ChEn major)
 22909 001 IND, 00:00-00:00 , , In Person Term Based; Kevin Dorfman ; 1-4 cr.

4601 Process Control

(A-F or Audit; Prereq: [3102 or 4102], [upper div ChEn major or dept consent], C- or better in all pre-reqs)
 22528 002 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Prodomos Daoutidis ; 3 cr.
 22529 003 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Prodomos Daoutidis ; 3 cr.
 22530 004 DIS, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; Prodomos Daoutidis ; 3 cr.
 22628 001 LEC, 08:00-08:50 MWF, Twin Cities Remote, Completely Online; Prodomos Daoutidis ; 3 cr.
 22991 005 DIS, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; Prodomos Daoutidis ; 3 cr.

4701 Applied Math

(A-F only; Prereq: [3102 or 4102], ChEn major upper div)
 21450 001 LEC, 08:00-09:55 TTh, Amundson Hall B75, Partially Online; Meets With: 001 CHEN 8201001 MATS 8201; Kevin Dorfman ; 3 cr.

4702 Advanced Undergraduate Rheology

(A-F only; Prereq: [3005 or 4005], instr consent)
 34936 001 LEC, 16:00-17:15 TTh, ONLINE BLENDED, 16:00-17:15 TTh, Amundson Hall B75, Partially Online; Meets With: 001 CHEN 8102; Timothy Lodge ; 2 cr.

4704 Advanced Undergraduate Physical

Rate Processes I: Transport
 (A-F only; Prereq: [3005 or 4005], ChEn major upper div)
 21554 001 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; Meets With: 001 CHEN 8301001 MATS 8301; Jeffrey Derby ; 3 cr.

5531 Electrochemical Engineering and Renewable Energy

(A-F only; Prereq: [MATS 3011 or instr consent], [upper div CSE or grad student])

23635 001 LEC, Completely Online; Meets With: 001 MATS 5531; William Smyrl ; 3 cr.

5595 Special Topics

(A-F only; Prereq: ChEn major upper div)
 33624 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Stefano Martiniani ; 1-4 cr.

5751 Biochemical Engineering

(A-F or Audit; Prereq: [3005 or 4005], [concurrent registration is required (or allowed) in 3006 or concurrent registration is required (or allowed) in 4006], [concurrent registration is required (or allowed) in 3102 or concurrent registration is required (or allowed) in 4102])
 22795 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Wei-Shou Hu ; 3 cr.

5771 Colloids and Dispersions

(A-F or Audit; Prereq: Physical chemistry)
 21447 001 LEC, 14:30-15:45 TTh, Amundson Hall 240, Partially Online; Joseph Zasadzinski ; 3 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)
 22057 001 LEC, Completely Online; Emily Pelton ; 3 cr.
 23482 002 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Michelle Driessen ; 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)
 22058 001 LAB, 08:00-10:50 T, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
 22119 002 LAB, 14:30-17:20 W, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
 22120 003 LAB, 14:30-17:20 Th, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
 22121 004 LAB, 18:00-20:50 Th, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
 23420 005 LAB, 14:30-17:20 T, Twin Cities Remote, Completely Online; 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)
 22684 001 LEC, 12:20-13:10 MWF, Twin Cities Remote, Completely Online; Alexei Novikov ; 3 cr.
 22685 002 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Aaron Massari ; 3 cr.
 22686 003 LEC, 13:00-14:15 T, Twin Cities Remote, Completely Online; Michelle Driessen ; 3 cr.
 23093 004 LEC, 13:00-14:15 Th, Twin Cities Remote, Completely Online; Michelle Driessen ; 3 cr.
 23094 005 LEC, Completely Online; Michelle Driessen ; 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)
 22687 001 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Connie Lu ; 3 cr.
 22688 002 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; Kenneth Leopold ; 3 cr.

22877 003 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Valerie Pierre ; 3 cr.

1065 Chemical Principles I Laboratory
(A-F only; Prereq: concurrent registration is required (or allowed) in 1061PHYS)

22721 002 LAB, 11:15-14:05 M, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22722 003 LAB, 14:30-17:20 M, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22723 004 LAB, 08:00-10:50 T, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22724 005 LAB, 11:15-14:05 T, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22725 006 LAB, 14:30-17:20 T, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22726 007 LAB, 08:00-10:50 W, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22727 008 LAB, 11:15-14:05 W, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22728 009 LAB, 14:30-17:20 W, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22729 010 LAB, 08:00-10:50 Th, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22730 011 LAB, 11:15-14:05 Th, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22731 012 LAB, 14:30-17:20 Th, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22732 013 LAB, 08:00-10:50 F, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22733 014 LAB, 11:15-14:05 F, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22734 015 LAB, 14:30-17:20 F, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22752 016 LAB, 18:00-20:50 Th, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.

1066 Chemical Principles II Laboratory
(A-F only; Prereq: concurrent registration is required (or allowed) in 1062PHYS)

22735 002 LAB, 11:15-14:05 M, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22736 003 LAB, 14:30-17:20 M, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22737 004 LAB, 08:00-10:50 T, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22738 005 LAB, 11:15-14:05 T, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22739 006 LAB, 14:30-17:20 T, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22740 007 LAB, 08:00-10:50 W, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22741 008 LAB, 11:15-14:05 W, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22742 009 LAB, 08:00-10:50 Th, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22743 010 LAB, 11:15-14:05 Th, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22744 011 LAB, 14:30-17:20 Th, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.

1071H Honors Chemistry I

(A-F only; Prereq: Honors student, permission of University Honors Program, concurrent registration is required (or allowed) in 1075H; registration for 1075H must precede registration for 1071HPHYS)
22692 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Lee Penn ; 3 cr.

1075H Honors Chemistry I Laboratory
(A-F only; Prereq: &1071H, honors student, permission of University Honors Program.PHYS)

22753 002 LAB, 13:25-16:10 T, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
22754 003 LAB, 13:25-16:10 Th, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.
23106 005 LAB, 13:25-16:10 M, Twin Cities Remote, Completely Online; Michelle Driessen ; 1 cr.

1081 Chemistry for the Life Sciences I

(Student Option; Prereq: grade of a C- or better in CHEM 1015 or passing chemistry placement exam. This course is recommended for CBS majors.PHYS)
23166 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Angela Perkins ; 3 cr.
23349 002 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Emily Pelton ; 3 cr.

1901 Ideas Worth Spreading: Digging into TED Talks

(Student Option;)
34815 001 LEC, 13:25-15:55 M, Twin Cities Remote, Completely Online; Christy Haynes ; 3 cr.
34828 002 LEC, 09:30-12:00 T, Twin Cities Remote, Completely Online; Christy Haynes ; 3 cr.

1907 Chemistry in the Kitchen

(Student Option;)
34831 001 LEC, 13:00-14:40 T, Twin Cities Remote, Completely Online; Debra Salmon ; 2 cr.

1911W Quantum Mechanics and Popular Philosophy

(Student Option; WI)
34829 001 LEC, 15:35-17:15 W, Twin Cities Remote, Completely Online; Doreen Leopold ; 2 cr.
34830 002 LEC, 15:35-17:15 Th, Twin Cities Remote, Completely Online; Doreen Leopold ; 2 cr.

1913 The Art in Science

(Student Option;)
34832 001 LEC, 13:20-15:00 Th, Twin Cities Remote, Completely Online; Valerie Pierre ; 2 cr.
34833 002 LEC, 13:20-15:00 F, Twin Cities Remote, Completely Online; Valerie Pierre ; 2 cr.

2081 Chemistry for the Life Sciences III

(Student Option; Prereq: grade of a C- or better in CHEM 1082 (lecture) and CHEM 1086 (lab). This course is recommended for CBS majors.)
23307 001 LEC, 11:15-12:05 MWF, Twin Cities Remote, 16:40-17:40 W, Twin Cities Remote, 16:40-17:40 W, Twin Cities Remote, 16:40-17:40 W, Twin Cities Remote, 16:40-17:40 W, Twin Cities Remote, Completely Online; Angela Perkins ; 3 cr.

2085 Chemistry for the Life Sciences III Laboratory

(Student Option; Prereq: grade of a C- or better in CHEM 1082 (lecture) and CHEM 1086 (lab). Concurrent registration in CHEM 2081 is required. This course is recommended for CBS majors.)
23324 002 LAB, 13:00-16:00 MW, Kolthoff Hall 583, In Person Term Based; Angela Perkins ; 2 cr.
23325 003 LAB, 08:00-11:00 TTh, Kolthoff Hall 583, In Person Term Based; Angela Perkins ; 2 cr.
23326 004 LAB, 11:15-14:15 TTh, Kolthoff Hall 583, In Person Term Based; Angela Perkins ; 2 cr.
23327 005 LAB, 14:30-17:30 TTh, Kolthoff Hall 583, In Person Term Based; Angela Perkins ; 2 cr.
23328 006 LAB, 18:00-21:00 TTh, Kolthoff Hall 583, In Person Term Based; Angela Perkins ; 2 cr.

2094 Directed Research

(Student Option; Prereq: instr consent)
23847 001 IND, In Person Term Based; Stephanie Stathopoulos ; 1-3 cr.

2101 Introductory Analytical Chemistry Lecture

(Student Option; Prereq: 1062/1066 or equiv)
20904 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Kyle Bantz ; 3 cr.

2111 Introductory Analytical Chemistry Lab

(Student Option; Prereq: 2101 or concurrent registration is required (or allowed) in 2101)
20905 001 LEC, 11:15-12:05 T, Twin Cities Remote, Completely Online; Kyle Bantz ; 2 cr.
20906 002 LEC, 11:15-12:05 Th, Twin Cities Remote, Completely Online; Kyle Bantz ; 2 cr.
20907 004 LAB, 12:30-16:10 T, , In Person Term Based; 2 cr.
20908 005 LAB, 12:30-16:10 W, , In Person Term Based; 2 cr.
23379 006 LAB, 12:30-16:10 Th, , In Person Term Based; 2 cr.

2301 Organic Chemistry I

(Student Option; Prereq: C- or better in 1062/1066 or 1072H/1076H)
20909 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Debra Salmon ; 3 cr.
20910 002 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Debra Salmon ; 3 cr.
20911 003 LEC, 18:00-21:00 W, Twin Cities Remote, Completely Online; Emily Pelton ; 3 cr.

2302 Organic Chemistry II

(Student Option; Prereq: Grade of at least C- in 2301)
20912 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Christopher Douglas ; 3 cr.
21307 002 LEC, 12:20-13:10 MWF, Twin Cities Remote, Completely Online; Steven Kass ; 3 cr.

2311 Organic Lab

(Student Option; Prereq: Grade of at least C- in [2302] or [concurrent registration is required (or allowed) in 2302])

21308 001 LEC, 11:15-12:05 T, Twin Cities Remote, Completely Online; Jane Wissinger ; 4 cr.
21309 002 LEC, 12:20-13:10 T, Twin Cities Remote, Completely Online; Jane Wissinger ; 4 cr.
21310 003 LEC, 16:55-17:45 T, Twin Cities Remote, Completely Online; Jane Wissinger ; 4 cr.
21311 004 LAB, 08:00-11:50 MW, Smith Hall 349, In Person Term Based; 4 cr.
21312 005 LAB, 12:20-16:10 MW, Smith Hall 349, In Person Term Based; 4 cr.
21313 006 LAB, 08:00-11:50 TTh, Smith Hall 349, In Person Term Based; 4 cr.
22524 007 LAB, 12:20-16:10 TTh, Smith Hall 349, In Person Term Based; 4 cr.
23329 008 LAB, 18:00-21:50 TTh, Smith Hall 349, In Person Term Based; 4 cr.

2312H Honors Organic Lab

(A-F only; Prereq: [2301 or concurrent registration is required (or allowed) in 2301], [Chem or ChemE or BioC] major, instr consent)
20918 001 LEC, 08:00-08:50 TTh, Bruininks Hall 220, In Person Term Based; Thomas Hoye ; 5 cr.
20919 002 LAB, 00:00-00:00 , , In Person Term Based; 5 cr.

2331H Honors Elementary Organic Chemistry I

(A-F only; Prereq: At least B+ in 1072H, UHP student)
22751 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Mark Distefano ; 3 cr.

4001 Chemistry of Biomass and Biomass Conversion to Fuels and Products

(A-F or Audit; Prereq: 2301, [jr or sr or instr consent]ENV)
22060 001 LEC, Completely Online; Meets With: 001 BBE 4001001 BBE 5001; Ulrike Tschirner ; 4 cr.

4011 Mechanisms of Chemical Reactions

(Student Option; Prereq: [2302, 4501] or equiv)
21006 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Meets With: 001 CHEM 8011; Nicholas Race ; 3 cr.

4094W Directed Research

(Student Option; Prereq: Any 3xxx or 4xxx chem course, instr consentWI)
21165 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

4201 Materials Chemistry

(Student Option; Prereq: [[4502 or equiv], 4701] or instr consent)
21525 001 LEC, 11:15-12:30 TTh, Bruininks Hall 220, In Person Term Based; Meets With: 001 CHEM 8201; Andreas Stein ; 3 cr.

4221 Introduction to Polymer Chemistry

(Student Option; Prereq: [2302, 4501] or instr consent)
22494 001 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CHEM 8221001 MATS 8221001 CHEN 8221; Jessica Lamb ; 3 cr.

4301 Applied Surface and Colloid Science

(Student Option; Prereq: 3043 or BMEN 2101 or CHEN 3101 or CHEM 4501 or instr consent)
23095 001 LEC, 13:30-14:45 TTh, Twin Cities Remote, Completely Online; Meets With: 001 BBE 4301001 BBE 5301; Steve Severtson ; 3 cr.

4321 Organic Synthesis

(Student Option; Prereq: [2302 or equiv], 4501, instr consent)
21008 001 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Meets With: 001 CHEM 8321; Joseph Topczewski ; 3 cr.

4361 Interpretation of Organic Spectra

(Student Option; Prereq: [2302 or equiv], 4501, instr consent)
21010 001 LEC, 09:05-09:55 MWF, Smith Hall 100, In Person Term Based; Meets With: 001 CHEM 8361; Gianluigi Veglia, Phil Buhlmann ; 3 cr.

4411 Introduction to Chemical Biology

(Student Option; Prereq: [2302 or 2081 equiv])
21012 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CHEM 8411; Ambika Bhagi-Damodaran ; 3 cr.

4423W Foundations of Chemical Biology Laboratory

(Student Option; Prereq: [2302 or 2304], 2311, 2111WI)
23062 001 LEC, 14:30-15:45 W, Twin Cities Remote,
Completely Online; Erin Carlson ; 2 cr.
23063 002 LAB, 08:00-11:50 T, , In Person Term Based; 2
cr.
23064 003 LAB, 12:40-16:30 T, , In Person Term Based; 2
cr.
23065 004 LAB, 08:00-11:50 Th, , In Person Term Based; 2
cr.
23296 005 LAB, 12:40-16:30 Th, , 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])
22630 001 LEC, 11:15-12:05 MWF, Twin Cities Remote,
Completely Online; David Blank ; 3 cr.

**4502 Introduction to Quantum Mechanics
and Spectroscopy**
(A-F or Audit; Prereq: [1062/1066 or 1072H/1076H of
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 2243 or MATH 2373
or concurrent registration is required (or allowed) in
MATH 2373], [PHYS 1302 or PHYS 1402V or PHYS
1502V])
22572 001 LEC, 10:10-11:00 MWF, Twin Cities Remote,
Completely Online; Jason Goodpaster ; 3 cr.

4511W Advanced Physical Chemistry Lab
(Student Option; Prereq: 4501, 4502, chemistry
majorWI)
20922 001 LEC, 13:25-14:15 M, Twin Cities Remote,
Completely Online; James Johns ; 3 cr.
20923 002 LAB, 13:25-17:15 T, Twin Cities Remote,
Completely Online; 3 cr.
22526 003 LAB, 13:25-17:15 W, Twin Cities Remote,
Completely Online; 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])
20924 001 LEC, 12:20-13:10 MWF, Twin Cities Remote,
Completely Online; Wayne Gladfelter ; 3 cr.

4715 Physical Inorganic Chemistry
(Student Option; Prereq: 4701 or equiv, chem major or
instr consent)
21014 001 LEC, 12:20-13:10 MWF, Twin Cities Remote,
Completely Online; Meets With: 001 CHEM 8715; Kent
Mann ; 3 cr.

4725 Organometallic Chemistry
(Student Option; Prereq: 4701 or equiv, chem major or
instr consent)
23896 001 LEC, 13:25-14:45 MW, Twin Cities Remote,
Completely Online; Meets With: 001 CHEM 8725; Courtney
Roberts ; 3 cr.

4894 Directed Thesis
(A-F only; Prereq: instr consent)
23026 001 IND, In Person Term Based; 1-3 cr.

Chicano Studies (CHIC)

**1102 Latinos in the United States: Culture
and Citizenship**
(Student Option; DSJ,HIS)
14829 001 LEC, Completely Online; Meets With: 001 CHIC
1102H; Guillermo Narvaez ; 3 cr.

**1102H Honors: Latinos in the United
States: Culture and Citizenship**
(A-F only; DSJ,HIS)
15760 001 LEC, Completely Online; Meets With: 001 CHIC
1102; Guillermo Narvaez ; 3 cr.

**1912 Performing Latina/o/x Identities:
Media, Art, and Popular Culture**
(A-F only; DSJ)

34512 001 DIS, Completely Online; Gabriela Spears-Rico ; 3
cr.

**3212 Chicana Feminism: La Chicana in
Contemporary Society**
(Student Option; AH,DSJ)
14814 001 LEC, Completely Online; Magaly Ordenez ; 3 cr.

**3223 Chicana/o and Latina/o
Representation in Film**
(Student Option; AH,DSJ)
33735 301 LEC, Completely Online; 3 cr.

3375 Folklore of Greater Mexico
(Student Option; DSJ)
34267 001 LEC, 15:35-17:45 W, Twin Cities Remote,
Completely Online; Tiahtoki Xochimeh ; 3 cr.

3423 Central American Revolutions
(Student Option;)
18037 001 LEC, 14:30-15:45 MW, Twin Cities Remote,
Completely Online; Meets With: 001 HIST 3423; Ethan
Fredrick ; 3 cr.

3444 Chicana and Chicano History I
(Student Option; DSJ,HIS)
14906 001 LEC, Completely Online; Adrian Chavana ; 3 cr.

3452 Chicana/LatinX Indigeneity
(Student Option; DSJ)
33738 001 LEC, Completely Online; Gabriela Spears-Rico ;
3 cr.

3507W Introduction to Chicana/o Literature
(Student Option; DSJ,WI,LITR)
14815 001 LEC, 13:00-14:15 MW, Twin Cities Remote,
Completely Online; Meets With: 001 ENGL 3507W; Roy
Guzman ; 3 cr.

15538 002 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Meets With: 002 ENGL 3507W;
Beaudelaine Pierre ; 3 cr.

3852 Chicana/o Politics
(Student Option; DSJ,SOCS)
14830 001 LEC, 16:00-17:15 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 POL 3752; Guillermo
Narvaez ; 3 cr.

3896 Internship for Academic Credit
(Student Option;)
34895 001 IND, Independent/Directed Study; Fernando
Burga ; 1-4 cr.

3993 Directed Studies
(Student Option; Prereq: instr consent)
13558 001 IND, In Person Term Based; 1-9 cr.

**4231 Color of Public Policy: African
Americans, American Indians, Asian
Americans & Chicanos in the U.S.**
(Student Option;)
35135 001 LEC, 16:00-18:30 M, Twin Cities Remote,
Completely Online; Meets With: 001 AFRO 4231001 AMIN
4231001 AAS 4231; Rose Brewer ; 3 cr.

4901W Senior Paper
(A-F only; WI)
17687 001 IND, Independent/Directed Study; Karen Mary
Davalos ; 3 cr.

5920 Topics in Chicana(o) Studies
(Student Option;)
34482 001 LEC, 17:00-19:30 T, Twin Cities Remote,
Completely Online; Meets With: 001 HSPH 8003; Karen
Mary Davalos ; 3 cr.

5993 Directed Studies
(Student Option; Prereq: instr consent)
14946 002 IND, Independent/Directed Study; 1-3 cr.
16380 001 IND, Independent/Directed Study; 1-3 cr.
18287 003 IND, Independent/Directed Study; 1-3 cr.

Child & Adolescent Psychiatry (CAPY)

Child Psychology (CPSY)

**1301 Nature-Based Learning in Early
Childhood**
(A-F or Audit;)
13322 001 DIS, 09:45-11:00 TTh, Bruininks Hall 330,
Partially Online; Sheila Williams Ridge ; 3 cr.

2301 Introduction to Child Psychology
(Student Option; SOCS)
11973 001 LEC, Completely Online; Meets With: 001 CPSY
3301; Henriette Warren ; 4 cr.
11974 002 DIS, Completely Online; Henriette Warren ; 4 cr.
11975 003 DIS, Completely Online; Henriette Warren ; 4 cr.
11976 004 DIS, Completely Online; Henriette Warren ; 4 cr.
12182 008 LEC, Completely Online; Meets With: 008 CPSY
3301; Julie Vaisarova ; 4 cr.

3301 Introduction to Child Psychology
(Student Option; SOCS)
12880 001 LEC, Completely Online; Meets With: 001 CPSY
2301; Henriette Warren ; 4 cr.
12881 002 DIS, Completely Online; Henriette Warren ; 4 cr.
12882 008 LEC, Completely Online; Meets With: 008 CPSY
2301; Julie Vaisarova ; 4 cr.

**3308W Introduction to Research Methods
in Child Psychology**
(A-F or Audit; Prereq: CPSY 2301 / 3301 or equiv WI)
12429 001 LEC, 09:15-10:55 MW, Twin Cities Remote,
Completely Online; Chryle Elieff ; 4 cr.
33161 002 LEC, 16:00-17:40 MW, Twin Cities Remote,
Completely Online; Canan Karatekin ; 4 cr.

3360H Child Psychology Honors Seminar
(A-F or Audit; Prereq: CPSY honors student)
12893 001 LEC, 11:15-12:55 W, Twin Cities Remote,
Completely Online; Philip Zelazo ; 2 cr.

**3601 Introduction to Child Life Theory and
Practice**
(A-F or Audit; Prereq: any introductory course in
CPSY, PSY, or FSOS)
13323 001 DIS, Completely Online; Sarah Wiebler ; 3 cr.
13358 002 DIS, Completely Online; JoHannah Orman ; 3 cr.

3896 Internship in Child Psychology
(S-N only;)
13326 001 FWK, Completely Online; 1-4 cr.

4303 Adolescent Psychology
(A-F or Audit; Prereq: PSY 1001 or equivalent)
13325 001 DIS, Completely Online; Sarah Lukowski ; 3 cr.

**4310 Special Topics in Developmental
Psychology**
(Student Option;)
34750 001 LEC, 11:15-12:45 M, Twin Cities Remote,
Completely Online; Elizabeth Criswell ; 1-4 cr.

**4311 Behavioral and Emotional Problems
of Children**
(A-F or Audit; Prereq: CPSY 2301 / 3301 or equiv)
11977 001 DIS, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Sylvia Wilson ; 3 cr.

4331 Social and Personality Development
(A-F or Audit; Prereq: CPSY 2301 / 3301 or equiv)
11979 001 LEC, Completely Online; Daniel Berry ; 3 cr.
34606 002 LEC, Completely Online; Henriette Warren ; 3 cr.

4341 Perceptual Development
(Student Option; Prereq: CPSY 2301 / 3301 or equiv)
12975 001 LEC, 10:15-11:30 TTh, Twin Cities Remote,
Completely Online; Kirsten Dalrymple ; 3 cr.

4343 Cognitive Development
(A-F or Audit; Prereq: CPSY 2301 or 3301 or equivalent)
11978 001 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Stephanie Carlson ; 3 cr.

4347W Child Psychology Capstone
(A-F or Audit; Prereq: Senior and completion of CPSY
3308W (or approved equiv)WI)
12195 001 LEC, Completely Online; Maria Sera ; 3 cr.

**4994 Directed Research in Developmental
Psychology**
(Student Option;)
13394 001 LAB, Independent/Directed Study; Daniel Berry ;
1-4 cr.
13395 002 LAB, Independent/Directed Study; Elizabeth
Carlson ; 1-4 cr.

13396 003 LAB, Independent/Directed Study; Stephanie Carlson ; 1-4 cr.
 13397 004 LAB, Independent/Directed Study; Dante Cicchetti ; 1-4 cr.
 13398 005 LAB, Independent/Directed Study; Jed Elison ; 1-4 cr.
 13399 006 LAB, Independent/Directed Study; Michelle Englund ; 1-4 cr.
 13400 007 LAB, Independent/Directed Study; Gail Ferguson ; 1-4 cr.
 13401 008 LAB, Independent/Directed Study; Michael Georgieff ; 1-4 cr.
 13402 009 LAB, Independent/Directed Study; Abigail Gewirtz ; 1-4 cr.
 13403 010 LAB, Independent/Directed Study; Megan Gunnar ; 1-4 cr.
 13404 011 LAB, Independent/Directed Study; Canan Karatekin ; 1-4 cr.
 13405 012 LAB, Independent/Directed Study; Melissa Koenig ; 1-4 cr.
 13406 013 LAB, Independent/Directed Study; Maria Kroupina ; 1-4 cr.
 13407 014 LAB, Independent/Directed Study; Ann Masten ; 1-4 cr.
 13408 015 LAB, Independent/Directed Study; Michele Mazzocco ; 1-4 cr.
 13409 016 LAB, Independent/Directed Study; Arthur Reynolds ; 1-4 cr.
 13410 017 LAB, Independent/Directed Study; Glenn Roisman ; 1-4 cr.
 13411 018 LAB, Independent/Directed Study; Maria Sera ; 1-4 cr.
 13412 019 LAB, Independent/Directed Study; Rebecca Shlafer ; 1-4 cr.
 13413 020 LAB, Independent/Directed Study; Kathleen Thomas ; 1-4 cr.
 13414 021 LAB, Independent/Directed Study; Philip Zelazo ; 1-4 cr.
 13453 022 LAB, Independent/Directed Study; Sylvia Wilson ; 1-4 cr.
 13457 023 LAB, Independent/Directed Study; Megan Patrick ; 1-4 cr.
 34548 024 LAB, Independent/Directed Study; 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)
 12159 001 IND, 00:00-00:00 , , In Person Term Based; Brian Abery ; 1-6 cr.
 12395 002 IND, 00:00-00:00 , , In Person Term Based; Andrew Barnes ; 1-6 cr.
 12396 003 IND, 00:00-00:00 , , In Person Term Based; Daniel Berry ; 1-6 cr.
 12397 004 IND, 00:00-00:00 , , In Person Term Based; Stephanie Carlson ; 1-6 cr.
 12398 005 IND, 00:00-00:00 , , In Person Term Based; Dante Cicchetti ; 1-6 cr.
 12399 006 IND, 00:00-00:00 , , In Person Term Based; Jed Elison ; 1-6 cr.
 12400 007 IND, 00:00-00:00 , , In Person Term Based; Michelle Englund ; 1-6 cr.
 12401 008 IND, 00:00-00:00 , , In Person Term Based; Michael Georgieff ; 1-6 cr.
 12402 009 IND, 00:00-00:00 , , In Person Term Based; Abigail Gewirtz ; 1-6 cr.
 12403 010 IND, 00:00-00:00 , , In Person Term Based; Megan Gunnar ; 1-6 cr.
 12404 011 IND, 00:00-00:00 , , In Person Term Based; Canan Karatekin ; 1-6 cr.
 12405 012 IND, 00:00-00:00 , , In Person Term Based; Melissa Koenig ; 1-6 cr.
 12406 013 IND, 00:00-00:00 , , In Person Term Based; Maria Kroupina ; 1-6 cr.
 12407 014 IND, 00:00-00:00 , , In Person Term Based; Gail Ferguson ; 1-6 cr.
 12408 015 IND, 00:00-00:00 , , In Person Term Based; Ann Masten ; 1-6 cr.
 12409 016 IND, 00:00-00:00 , , In Person Term Based; Michele Mazzocco ; 1-6 cr.
 12496 017 IND, 00:00-00:00 , , In Person Term Based; Karina Quevedo ; 1-6 cr.
 12497 018 IND, 00:00-00:00 , , In Person Term Based; Arthur Reynolds ; 1-6 cr.
 12559 019 IND, 00:00-00:00 , , In Person Term Based; Glenn Roisman ; 1-6 cr.
 12560 020 IND, 00:00-00:00 , , In Person Term Based; Maria Sera ; 1-6 cr.
 12809 021 IND, 00:00-00:00 , , In Person Term Based; Rebecca Shlafer ; 1-6 cr.
 13016 022 IND, In Person Term Based; Kathleen Thomas ; 1-6 cr.
 13017 023 IND, In Person Term Based; Philip Zelazo ; 1-6 cr.
 34549 024 IND, In Person Term Based; Andrew Barnes ; 1-6 cr.

5171 Practicum: Applying Instructional Methods in the Elementary School

(S-N only;)
 13141 001 FWK, 16:00-18:00 M, Twin Cities Remote, Completely Online; Ann Carlson ; 2 cr.

5241 Practicum in Early Childhood Education

(A-F only;)
 12659 001 LEC, 16:00-18:30 T, Twin Cities Remote, Completely Online; Amy Betz ; 3 cr.

5251W Social and Philosophical Foundations of Early Childhood Education

(A-F only; WI)
 12121 001 LEC, 14:30-17:00 F, Twin Cities Remote, Completely Online; Elizabeth Criswell ; 3 cr.

5253 Facilitating Cognitive and Language Learning in Early Childhood Education

(A-F only; Prereq: CPSY 2301 or equiv or instr consent. For Early Childhood or ECSE students.)
 12170 001 LEC, 16:30-19:00 W, Twin Cities Remote, Completely Online; Adelaide Greimel, Sarah Meuleners ; 3 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.)
 12196 001 FWK, 07:45-12:30 MTWThF, Twin Cities Remote, 12:30-14:00 F, Twin Cities Remote, Completely Online; Sheila Williams Ridge ; 6-8 cr.
 13324 002 FWK, 11:45-16:30 MWTh, Twin Cities Remote, 12:30-14:00 F, Twin Cities Remote, Completely Online; Sheila Williams Ridge ; 6-8 cr.

5301 Advanced Developmental Psychology

(A-F or Audit;)
 13123 001 LEC, Completely Online; Chryle Elieff ; 3 cr.

5302 Cognitive and Biological Development

(Student Option;)
 13178 001 LEC, Completely Online; Amanda Hodel ; 3 cr.

5304 Research Methods in Applied Child and Adolescent Development

(Student Option;)
 33164 001 LEC, Completely Online; Michele Mazzocco ; 3 cr.
 34580 002 LEC, Completely Online; Michele Mazzocco ; 3 cr.

5306 Ethics and Professionalism in Applied Child and Adolescent Development

(A-F only;)
 13327 001 LEC, Completely Online; Glenace Edwall ; 2 cr.

5501 Foundations in Infant and Early Childhood Mental Health I

(A-F only; Prereq: [Baccalaureate degree in an early-childhood-related field from an accredited U.S. institution or documented equiv], experience in early childhood [research or practice])
 13179 001 LEC, Completely Online; Judith Woods ; 3 cr.

5511 Infant Observation Seminar III

(S-N only;)
 13328 001 LEC, Completely Online; Michele Fallon, Julie McKay ; 1 cr.

5518 Prevention and Intervention in Early Childhood: Principles

(A-F only; Prereq: CPSY 5513)
 13329 001 LEC, Completely Online; Jane Ellison, Carol Siegel ; 3 cr.

5604 Therapeutic Relationships: Supporting Children in Healthcare

(A-F only;)
 13330 001 LEC, Completely Online; Marne Matysek ; 3 cr.

5996 Field Experience in Applied Child and Adolescent Development

(S-N only;)
 13331 002 FWK, Completely Online; Sarah Wiebler ; 1-12 cr.
 35394 003 FWK, Completely Online; Sarah Wiebler ; 1-12 cr.

China Executive MBA (CHMB)

5807 Business Strategy

(A-F only;)
 19570 001 LEC, Study Abroad; Aks Zaheer ; 3 cr.

Chinese (CHN)

1011 Beginning Modern Chinese I

(Student Option No Audit;)
 13935 001 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 CHN 4001; Sheng-Fang FU ; 5 cr.
 13937 050 LEC, 16:30-17:20 Th, Twin Cities Remote, 16:30-18:20 MW, Twin Cities Remote, Completely Online; Meets With: 050 CHN 4001; Jin Stone ; 5 cr.
 14838 005 LEC, 14:30-15:20 MTWThF, Twin Cities Remote, Completely Online; Meets With: 005 CHN 4001; Ling Wang ; 5 cr.
 17580 004 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 004 CHN 4001; Hai Liu ; 5 cr.
 17581 002 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 CHN 4001; Ling Wang ; 5 cr.

1015 Accelerated Beginning Modern Chinese

(Student Option No Audit; Prereq: Oral/aural skills or speaker of other Chinese dialect recommended)
 15536 001 LEC, 14:30-15:20 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 CHN 4005; Jin Stone ; 5 cr.

3021 Intermediate Modern Chinese I

(Student Option No Audit; Prereq: 1012 or 1015 or equiv or instr consent)
 13938 001 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 CHN 4003; Chi-Ping Li ; 5 cr.
 13939 002 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 CHN 4003; Sheng-Fang FU ; 5 cr.
 15280 003 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 CHN 4003; Sheng-Fang FU ; 5 cr.

3031 Advanced Modern Chinese I

(Student Option No Audit; Prereq: 3022 or equiv or instr consent)
 14676 001 LEC, 11:15-12:05 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 CHN 4007; Chi-Ping Li ; 4 cr.
 15370 002 LEC, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Meets With: 002 CHN 4007; Chi-Ping Li ; 4 cr.

3201 Chinese Calligraphy

(Student Option;)
 13940 050 LAB, 18:00-20:00 T, Appleby Hall 201, In Person Term Based; Hong Zhang ; 2 cr.
 14574 051 LAB, 18:00-20:00 W, Appleby Hall 201, In Person Term Based; Hong Zhang ; 2 cr.

4001 Beginning Modern Chinese I for Graduate Student Research

(Student Option No Audit;)
 14601 005 LEC, 14:30-15:20 MTWThF, Twin Cities Remote, Completely Online; Meets With: 005 CHN 1011; Ling Wang ; 5 cr.
 14839 050 LEC, 16:30-17:20 Th, Twin Cities Remote, 16:30-18:20 MW, Twin Cities Remote, Completely Online; Meets With: 050 CHN 1011; Jin Stone ; 5 cr.
 17179 001 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 CHN 1011; Sheng-Fang FU ; 5 cr.
 17582 002 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 CHN 1011; Ling Wang ; 5 cr.
 17583 004 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 004 CHN 1011; Hai Liu ; 5 cr.

4003 Intermediate Modern Chinese I for Graduate Student Research

(Student Option No Audit; Prereq: 4002)
 14602 001 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 CHN 3021; Chi-Ping Li ; 5 cr.

14603 002 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 CHN 3021; Sheng-Fang FU ; 5 cr.
15308 003 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 CHN 3021; Sheng-Fang FU ; 5 cr.

4005 Accelerated Beginning Modern Chinese for Graduate Student Research (Student Option No Audit; Prereq: Grad student, instr consent; oral/aural skills or other Chinese dialect recommended)

15537 001 LEC, 14:30-15:20 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 CHN 1015; Jin Stone ; 5 cr.

4007 Advanced Modern Chinese I for Graduate Student Research

(Student Option No Audit; Prereq: 4004)
14887 001 LEC, 11:15-12:05 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 CHN 3031; Chi-Ping Li ; 4 cr.

15811 002 LEC, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Meets With: 002 CHN 3031; Chi-Ping Li ; 4 cr.

4021 Flagship Chinese for Academic Purposes

(A-F only;)
17558 001 LEC, 16:40-18:35 Th, Twin Cities Remote, Completely Online; Yao Tu ; 2 cr.

4041 Advanced Readings in Modern Chinese I

(Student Option; Prereq: 3032 or instr consent)
16240 002 LEC, 14:30-16:25 MW, Twin Cities Remote, Completely Online; Hai Liu ; 4 cr.

5041 Media Chinese

(A-F or Audit;)
17178 001 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Zhen Zou ; 3 cr.
35144 002 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Zhen Zou ; 3 cr.

5214 Classical Chinese Language and Culture

(Student Option No Audit; Prerequisite is fourth-year Chinese (CHN 4042) or above. Please note that this class is entirely taught in modern Mandarin Chinese, although English study guides will be provided throughout the course.)

18072 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Ning Ma ; 3 cr.

Civil, Environ, and Geo-Engin (CEGE)

1101 Introduction to Civil, Environmental, and Geo-Engineering

(A-F or Audit; Prereq: Lower div)
34050 001 LEC, 10:10-11:00 W, ONLINE BLENDED, Partially Online; Michelle Anderson ; 1 cr.

1501 Environmental Issues and Solutions

(Student Option; Prereq: High school chemistry or equiv, one yr high school algebra/ENV, PHYS)

23335 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Miki Hondzo ; 4 cr.
23336 002 LAB, 09:00-12:00 M, Twin Cities Remote, Completely Online; Kathy Wabner, Miki Hondzo ; 4 cr.
23338 004 LAB, 13:00-16:00 T, Twin Cities Remote, Completely Online; Kathy Wabner, Miki Hondzo ; 4 cr.
23439 006 LAB, 13:00-16:00 W, Twin Cities Remote, Completely Online; Miki Hondzo, Kathy Wabner ; 4 cr.

3101 Computer Applications I

(A-F or Audit; Prereq: MATH 1372, PHYS 1301, CSE or instructor consent)

23175 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Randal Barnes ; 3 cr.

3102 Uncertainty and Decision Analysis

(A-F or Audit; Prereq: MATH 1372 or equiv)
23176 001 LEC, 10:10-11:00 MW, Twin Cities Remote, Completely Online; Gary Davis ; 3 cr.
23177 002 DIS, 11:15-12:05 W, Civil Engineering Bldg 210, In Person Term Based; Gary Davis ; 3 cr.
23178 003 DIS, 13:25-14:15 W, Civil Engineering Bldg 202, In Person Term Based; Gary Davis ; 3 cr.

23179 004 DIS, 11:15-12:05 Th, Civil Engineering Bldg 202, In Person Term Based; Gary Davis ; 3 cr.
35216 007 DIS, 16:00-16:50 W, Civil Engineering Bldg 205, In Person Term Based; Gary Davis ; 3 cr.

3103 Engineering Ethics and Professional Practice

(A-F only; Prereq: Civil Eng. or Environmental Eng. or Geoen지니어링 Upper Division)

23418 001 DIS, 16:00-16:50 M, Twin Cities Remote, Completely Online; Gary Davis ; 1 cr.

3111 CADD for Civil Engineers

(A-F only; Prereq: CEGE 3201)
23180 001 LAB, 08:00-09:55 MW, Civil Engineering Bldg 221, Partially Online; Ann Johnson ; 2 cr.

3190 Curricular Practical Training Internship

(S-N only; Prereq: CE, EnvE, or Geo major)
23389 001 FWK, In Person Term Based; Joseph Labuz ; 1 cr.

3201 Transportation Engineering

(A-F or Audit; Prereq: PHYS 1301, (CEGE 3101, CECE 3102 can be taken concurrently))

23181 001 LEC, 13:00-13:50 TTh, Twin Cities Remote, Completely Online; Michael Levin ; 3 cr.
23183 003 DIS, 16:00-16:50 Th, Twin Cities Remote, Completely Online; Michael Levin ; 3 cr.

3202 Surveying & Mapping

(A-F or Audit; Prereq: MATH 1271, MATH 1272), [CSE or Construction Mgmt])

23184 001 LEC, 16:00-17:15 W, Twin Cities Remote, Completely Online; Chris Mavis ; 2 cr.
23185 002 LAB, Completely Online; Chris Mavis ; 2 cr.
23186 003 LAB, Completely Online; Chris Mavis ; 2 cr.

3301 Soil Mechanics I

(A-F or Audit; Prereq: upper division CSE, AEM 3031, CECE 3101, or instructor consent)

23187 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Emmanuel Detournay ; 3 cr.
23188 003 LAB, 16:00-18:00 M, Civil Engineering Bldg 350, Partially Online; Emmanuel Detournay ; 3 cr.
23189 004 LAB, 16:00-18:00 T, Civil Engineering Bldg 350, Partially Online; Emmanuel Detournay ; 3 cr.
23190 005 LAB, 16:00-18:00 W, Civil Engineering Bldg 350, Partially Online; Emmanuel Detournay ; 3 cr.
23333 006 LAB, 16:00-18:00 Th, Civil Engineering Bldg 350, Partially Online; Emmanuel Detournay ; 3 cr.

3401 Linear Structural Analysis

(A-F or Audit; Prereq: AEM 3031, upper division CSE or instructor consent)

23191 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Henryk Stolarski ; 3 cr.

3402 Civil Engineering Materials

(A-F or Audit; Prereq: AEM 3031WI)
23192 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Joseph Labuz ; 3 cr.
23193 002 LAB, 14:30-16:10 T, Civil Engineering Bldg 188, In Person Term Based; Joseph Labuz ; 3 cr.
23194 003 LAB, 11:10-12:50 W, Civil Engineering Bldg 188, In Person Term Based; Joseph Labuz ; 3 cr.
23195 004 LAB, 09:00-10:40 Th, Civil Engineering Bldg 188, In Person Term Based; 3 cr.
35189 005 LAB, 10:00-11:40 Sa, Civil Engineering Bldg 188, In Person Term Based; Joseph Labuz ; 3 cr.

3501 Introduction to Environmental Engineering

(A-F or Audit; Prereq: Chem 1062, Phys 1302, Math 1372 or equivalent/ENV)

23196 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Paige Novak ; 3 cr.

3502 Fluid Mechanics

(A-F or Audit; Prereq: [AEM 2012 or AEM 3031], Math 2373, CECE 3101)

23197 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CECE 4522; Judy Yang ; 4 cr.
23198 002 LAB, 09:00-11:00 M, Civil Engineering Bldg 277, In Person Term Based; Judy Yang ; 4 cr.
23199 003 LAB, 08:00-10:00 T, Civil Engineering Bldg 277, In Person Term Based; Judy Yang ; 4 cr.
23200 005 LAB, 14:30-16:30 W, Civil Engineering Bldg 277, In Person Term Based; Judy Yang ; 4 cr.
23440 004 LAB, 12:45-14:45 T, Civil Engineering Bldg 277, In Person Term Based; Judy Yang ; 4 cr.

3541 Environmental Engineering Laboratory

(A-F only; Prereq: CECE 3501)
23201 001 LEC, 09:05-09:55 MW, Twin Cities Remote, Completely Online; Erin Surdo, Sebastian Behrens ; 3 cr.
23202 002 LAB, 13:00-16:00 Th, Civil Engineering Bldg 650, In Person Term Based; Erin Surdo, Sebastian Behrens ; 3 cr.
23257 003 LAB, 09:00-12:00 F, Civil Engineering Bldg 650, In Person Term Based; Erin Surdo, Sebastian Behrens ; 3 cr.

4011 Special Topics

(A-F only; Prereq: Upper div CSE)
33170 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Meets With: 001 CECE 5180; Michael Levin ; 1-4 cr.
33894 002 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CECE 5214; Alireza Khani ; 1-4 cr.

4094H Senior Honors Thesis

(A-F only; Prereq: Upper div CE)
23204 001 IND, In Person Term Based; Randal Barnes ; 2 cr.

4101W Project Management and Engineering Economics

(A-F only; Prerequisites: Civil Eng. or Environmental Eng. or Geoen지니어링 upper divisionWI)

23416 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Mihai Marasteanu, Merry Rendahl ; 3 cr.

4102W Capstone Design for Civil Engineering

(A-F only; Prereq: 4101W, 4301, 4401, 4501, 4502WI)
23205 001 LEC, 16:00-18:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CECE 4104W001 CECE 4103W; Merry Rendahl, John Gulliver ; 4 cr.

4103W Capstone Design for Environmental Engineering

(A-F only; Prereqs: CECE 4101W, 4501, 4502WI)
34822 001 LEC, 16:00-18:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CECE 4102W001 CECE 4104W; Merry Rendahl, John Gulliver ; 4 cr.

4104W Capstone Design for Geoen지니어링

(A-F only; Prereq: CECE 4101W, CECE 4121, CECE 4311, CECE 4351, ESCI 4501WI)

23206 001 LEC, 16:00-18:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CECE 4102W001 CECE 4103W; Merry Rendahl, John Gulliver ; 4 cr.

4170 Independent Study I

(Student Option; Prereq: instr consent)
23207 001 IND, In Person Term Based; 1-4 cr.

4190 Engineering Co-op Assignment

(A-F only; Prereq: Upper div CE, approval of department co-op director)
23208 001 FWK, In Person Term Based; Joseph Labuz ; 2-6 cr.

4194 Directed Research

(Student Option; Prereq: Instructor Consent)
35415 001 IND, In Person Term Based; 1-4 cr.

4301 Soil Mechanics II

(A-F or Audit; Prereq: CECE 3301, upper div CSE, or instr consent)

23210 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Stefano Gonella ; 3 cr.
23211 002 LAB, 16:00-18:00 M, Twin Cities Remote, Completely Online; Stefano Gonella ; 3 cr.
23212 003 LAB, 16:00-18:00 T, Twin Cities Remote, Completely Online; Stefano Gonella ; 3 cr.
23213 004 LAB, 16:00-18:00 W, Twin Cities Remote, Completely Online; Stefano Gonella ; 3 cr.
23214 005 LAB, 16:00-18:00 Th, Twin Cities Remote, Completely Online; Stefano Gonella ; 3 cr.

4311 Rock Mechanics

(A-F or Audit; Prereq: CECE 3301 or instr consent)
23215 001 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Emmanuel Detournay ; 4 cr.

4351 Groundwater Mechanics

(A-F or Audit; Prereq: CECE 3101 or BBE 2003, CECE 3502 or BBE 3012, upper division)
23216 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Otto Strack ; 3 cr.

4401 Steel and Reinforced Concrete Design

(A-F or Audit; Prereq: Grade of at least C- in 3401, concurrent registration is required (or allowed) in 3402, [upper div CSE or grad student])

23217 001 LEC, 09:05-11:00 MW, Civil Engineering Bldg 210, In Person Term Based; Catherine French ; 4 cr.
23218 002 DIS, 11:15-12:05 M, Civil Engineering Bldg 202, In Person Term Based; Catherine French ; 4 cr.
23219 003 DIS, 12:20-13:10 M, Civil Engineering Bldg 202, In Person Term Based; Catherine French ; 4 cr.
23220 004 DIS, 13:25-14:15 M, Civil Engineering Bldg 202, In Person Term Based; Catherine French ; 4 cr.

4413 Steel Design II

(A-F or Audit; Prereq: CECE 4401, upper div CSE or instr consent; 4411 recommended)
23343 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Jialiang Le ; 3 cr.

4416 Sensors in Infrastructure

(A-F only; Prerequisites: CECE 3402, AEM 3031, CSE Upper division or instructor consent)
32987 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CECE 5416; Lauren Linderman ; 3 cr.

4417 Structural Engineering Design of Wood Buildings

(A-F or Audit; Prereqs: CECE 4401 or equivalent)
33049 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 CECE 5417; Pouyan Asem ; 3 cr.

4502 Water and Wastewater Treatment

(A-F or Audit; Prereq: CECE 3501 or ChEn 2001 or BBE 3033)
23224 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Timothy LaPara ; 3 cr.

4522 Review of Introductory Fluid Mechanics for Graduate Students

(A-F or Audit;)
23225 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CECE 3502; Judy Yang ; 3 cr.

4563 Pollutant Fate and Transport: Processes and Modeling

(A-F only; Prerequisites: CECE 3101, CECE 3501, or instructor consent)
23876 001 LEC, 13:00-14:15 MW, Civil Engineering Bldg 210, In Person Term Based; Erin Surdo, Vaughan Voller ; 3 cr.

5094 Directed Research

(A-F only; Prereq: instr consent)
23226 001 IND, In Person Term Based; 1-4 cr.

5180 Special Topics

(A-F or Audit; Prereq: instr consent)
33171 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Meets With: 001 CECE 4011; Michael Levin ; 1-4 cr.
33632 002 LEC, 14:30-17:15 T, Civil Engineering Bldg 210, In Person Term Based; Paul Capel ; 1-4 cr.

5213 Transit Planning and Management

(A-F only; Prereq: Upper Division CE, EnvE, or GeoE student, CE or GeoE grad student, or instructor consent)
34790 001 LEC, 18:00-20:45 Th, Twin Cities Remote, Completely Online; Meets With: 001 PA 5231; Jason Cao ; 3 cr.

5214 Transportation Systems Analysis

(A-F or Audit; Prereq: CECE 3201)
33306 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Meets With: 002 CECE 4011; Alireza Khani ; 3 cr.

5351 Advanced Engineering Mathematics I

(A-F or Audit; Prereq: [Math 2374 or equiv], upper division CSE student or grad student] or instr consent)
23227 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Otto Strack ; 3 cr.

5411 Applied Structural Mechanics

(A-F or Audit; Prereq: AEM 3031, Upper div CSE or grad student or instr consent)
23344 001 LEC, 16:00-17:15 MW, Twin Cities Remote, Completely Online; Henryk Stolarski ; 3 cr.

5416 Sensors in Infrastructure

(A-F or Audit; Prereq: CECE 3402, AEM 3031)

32988 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CECE 4416; Lauren Linderman ; 3 cr.

5417 Structural Engineering Design of Wood Buildings

(A-F or Audit; Prereqs: CECE 4401 or equivalent)
33050 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 CECE 4417; Pouyan Asem ; 3 cr.

5512 Stochastic Ecohydrology

(A-F or Audit; Prereq: MATH 2373, MATH 2374)
23906 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Xue Feng ; 3 cr.

5514 Granular Physics with Environmental and Engineering Applications

(A-F or Audit; Prereqs: Graduate student in CSE or permission of instructor and/or CECE 3502, MATH 2373, MATH 2374)
35533 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Tiffany Ralston, Kimberly Hill ; 4 cr.

5541 Environmental Water Chemistry

(A-F or Audit; Prereq: CECE 3501, Chem 1061, Chem 1062 or Chem 1071H/1072H, upper division CSE or grad student or instructor consent)
23341 001 LEC, 14:30-15:45 MW, Tate Hall B50, In Person Term Based; Bill Arnold ; 3 cr.

5543 Introductory Environmental Fluid

Mechanics
(A-F or Audit; Prereq: CECE 3502 or AEM 4201 or ChEn 3005, upper division CSE or grad students or instructor consent)
31449 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Miki Hondzo ; 4 cr.

Classical and Near Eastern Std (CNES)

1002 World of Greece

(Student Option; HIS)
15550 001 LEC, Completely Online; Stephen Smith ; 3 cr.

1042 Greek and Roman Mythology

(Student Option; AH)
13878 001 LEC, Completely Online; Meets With: 001 CNES 1042H; Nita Krevans ; 4 cr.
13879 002 DIS, 08:15-09:30 T, Twin Cities Remote, Completely Online; 4 cr.
13880 003 DIS, 08:15-09:30 Th, Twin Cities Remote, Completely Online; 4 cr.
13881 004 DIS, 09:45-11:00 T, Twin Cities Remote, Completely Online; 4 cr.
13882 005 DIS, 09:45-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.
33689 006 DIS, 11:15-12:30 T, Twin Cities Remote, Completely Online; ; 4 cr.
33690 007 DIS, 11:15-12:30 Th, Twin Cities Remote, Completely Online; ; 4 cr.

1042H Honors Course: Greek and Roman Mythology

(A-F only; AH)
14104 001 LEC, Completely Online; Meets With: 001 CNES 1042; Nita Krevans ; 4 cr.
17861 002 DIS, 11:15-12:30 W, Twin Cities Remote, Completely Online; Nita Krevans ; 4 cr.

1201 Bible:Context & Interpretation

(Student Option; Prereq: Knowledge of Hebrew not requiredLITR)
15553 001 LEC, Completely Online; Meets With: 001 RELS 1201001 RELS 3201001 JWST 1201001 JWST 3201001 CNES 3201; Patricia Ahearne-Kroll ; 3 cr.

1913 Homer's Odyssey and Politics

(A-F only; CIV)
34083 001 DIS, 09:45-11:00 MW, Twin Cities Remote, Completely Online; S. Douglas Olson ; 3 cr.

3061 "Bread and Circuses:" Spectacles and Mass Culture in Antiquity

(Student Option; CIV,HIS)
33213 001 LEC, Completely Online; Meets With: 001 HIST 3061; Andrew Gallia ; 3 cr.

3071 Greek and Hellenistic Religions

(Student Option; HIS)

34352 001 LEC, 13:00-13:45 W, Twin Cities Remote, Completely Online; Meets With: 001 RELS 3071001 RELS 5071001 CNES 5071; Stephen Ahearne-Kroll ; 3 cr.

3201 The Bible: Context and Interpretation

(Student Option; Prereq: Knowledge of Hebrew not requiredLITR)
15554 001 LEC, Completely Online; Meets With: 001 RELS 1201001 RELS 3201001 JWST 1201001 JWST 3201001 CNES 1201; Patricia Ahearne-Kroll ; 3 cr.

3535 Death and the Afterlife in the Ancient World

(Student Option; AH)
33235 001 LEC, 11:15-12:30 WF, Twin Cities Remote, Completely Online; Meets With: 001 RELS 3535; Hanne Levinson ; 3 cr.

3896 Internship for Academic Credit

(Student Option;)
17907 001 IND, In Person Term Based; 1-4 cr.

3951W Capstone

(Student Option; Prereq: course is open to second semester juniors and seniors, major in CNES or RELS], instr consentonsentW)

15048 001 IND, 00:00-00:00 , , In Person Term Based; Spencer Cole ; 4 cr.
15412 002 IND, 00:00-00:00 , , In Person Term Based; Nita Krevans ; 4 cr.
15413 004 IND, 00:00-00:00 , , In Person Term Based; Christopher Nappa ; 4 cr.
15414 006 IND, 00:00-00:00 , , In Person Term Based; Renana Schneller ; 4 cr.
15415 009 IND, 00:00-00:00 , , In Person Term Based; Stephen Smith ; 4 cr.
16407 012 IND, 00:00-00:00 , , In Person Term Based; Patricia Ahearne-Kroll ; 4 cr.
16408 013 IND, 00:00-00:00 , , In Person Term Based; Bernard Levinson ; 4 cr.
16409 014 IND, 00:00-00:00 , , In Person Term Based; Hanne Levinson ; 4 cr.
16413 016 IND, 00:00-00:00 , , In Person Term Based; S. Douglas Olson ; 4 cr.
17475 017 IND, In Person Term Based; Stephen Ahearne-Kroll ; 4 cr.
18119 018 IND, In Person Term Based; Mohsen Goudarzi ; 4 cr.

3993 Directed Studies

(Student Option; Prereq: instr consent)
15049 001 IND, 00:00-00:00 , , In Person Term Based; Spencer Cole ; 1-4 cr.
15875 002 IND, 00:00-00:00 , , In Person Term Based; Andrew Gallia ; 1-4 cr.
15876 003 IND, 00:00-00:00 , , In Person Term Based; Nita Krevans ; 1-4 cr.
15877 004 IND, 00:00-00:00 , , In Person Term Based; Jeanne Kilde ; 1-4 cr.
15878 005 IND, 00:00-00:00 , , In Person Term Based; Christopher Nappa ; 1-4 cr.
15879 006 IND, 00:00-00:00 , , In Person Term Based; Oliver Nicholson ; 1-4 cr.
15880 007 IND, 00:00-00:00 , , In Person Term Based; Renana Schneller ; 1-4 cr.
15881 008 IND, 00:00-00:00 , , In Person Term Based; Melissa Sellow ; 1-4 cr.
15882 009 IND, 00:00-00:00 , , In Person Term Based; George Sheets ; 1-4 cr.
15883 010 IND, 00:00-00:00 , , In Person Term Based; Stephen Smith ; 1-4 cr.
15884 011 IND, 00:00-00:00 , , In Person Term Based; Matthew Canepa ; 1-4 cr.
15885 012 IND, 00:00-00:00 , , In Person Term Based; Catherine Asher ; 1-4 cr.
15886 013 IND, 00:00-00:00 , , In Person Term Based; Patricia Ahearne-Kroll ; 1-4 cr.
16410 014 IND, 00:00-00:00 , , In Person Term Based; Bernard Levinson ; 1-4 cr.
16411 015 IND, 00:00-00:00 , , In Person Term Based; Hanne Levinson ; 1-4 cr.
16412 016 IND, 00:00-00:00 , , In Person Term Based; S. Douglas Olson ; 1-4 cr.

5071 Greek and Hellenistic Religions

(Student Option;)
34355 001 DIS, 13:00-13:45 W, Twin Cities Remote, Completely Online; Meets With: 001 CNES 3071001 RELS 3071001 RELS 5071; Stephen Ahearne-Kroll ; 3 cr.

5713 Introduction to Ugaritic

(Student Option; Prereq: Adv Hebrew, previous study of biblical texts or instr consent)

33237 001 LEC, 16:00-18:30 T, Folwell Hall 118, In Person Term Based; Eva von Dassow ; 3 cr.

5993 Directed Studies

(Student Option; Prereq-instr consent, dept consent, college consent.)

13839 001 IND, 00:00-00:00 , , In Person Term Based; Spencer Cole ; 1-4 cr.
 15887 002 IND, 00:00-00:00 , , In Person Term Based; Jeanne Kilde ; 1-4 cr.
 15888 003 IND, 00:00-00:00 , , In Person Term Based; Nita Krevans ; 1-4 cr.
 15889 004 IND, 00:00-00:00 , , In Person Term Based; Bernard Levinson ; 1-4 cr.
 15890 005 IND, 00:00-00:00 , , In Person Term Based; Christopher Nappa ; 1-4 cr.
 15891 006 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.
 15892 007 IND, 00:00-00:00 , , In Person Term Based; Renana Schneller ; 1-4 cr.
 15893 008 IND, 00:00-00:00 , , In Person Term Based; Melissa Sellow ; 1-4 cr.
 15894 009 IND, 00:00-00:00 , , In Person Term Based; George Sheets ; 1-4 cr.
 15895 010 IND, 00:00-00:00 , , In Person Term Based; Stephen Smith ; 1-4 cr.
 15896 011 IND, 00:00-00:00 , , In Person Term Based; Catherine Asher ; 1-4 cr.
 16070 012 IND, 00:00-00:00 , , In Person Term Based; Matthew Canepa ; 1-4 cr.
 16414 013 IND, 00:00-00:00 , , In Person Term Based; Patricia Ahearn-Kroll ; 1-4 cr.
 16415 014 IND, 00:00-00:00 , , In Person Term Based; Hanne Levinson ; 1-4 cr.
 16416 015 IND, 00:00-00:00 , , In Person Term Based; S. Douglas Olson ; 1-4 cr.

5994 Directed Research

(Student Option; Prereq-instr consent, dept consent, college consent.)

13841 001 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

5996 Directed Instruction

(Student Option; Prereq-instr consent, dept consent, college consent.)

13840 001 IND, 00:00-00:00 , , In Person Term Based; Stephen Ahearn-Kroll ; 1-12 cr.

Clinical Physiol, Movement Sci (CPMS)

5101 Introduction to Clinical Physiology and Movement Science

(A-F or Audit;)

12632 001 LEC, 13:25-15:55 M, Armory Building 116, In Person Term Based; Juergen Konczak ; 3 cr.

5201 Colloquium in Clinical Physiology and Movement Science

(S-N or Audit; Prereq: Undergrad level in basic anatomy and physiology is highly recommended)

12668 001 LEC, In Person Term Based; John Anderson ; 1 cr.

Col of Food, Agr & Nat Res Sci (CFAN)

1101 Dean's Engaged Leaders Seminar

(A-F only; Prereq: Incoming 1st-yr CFANS students onlyDSJ)

33199 001 LEC, 15:00-16:15 W, Twin Cities Remote, 15:00-16:15 W, Twin Cities Remote, Completely Online; Thomas Van Norman, Jody Gray, Tex Ostvig ; 3 cr.

1102 President's Emerging Scholars Seminar

(Student Option No Audit; Prereq: CFANS newly admitted PES students)

34652 001 LEC, 15:00-16:15 W, Twin Cities Remote, 15:00-16:15 W, Twin Cities Remote, 15:00-16:15 W, Twin Cities Remote, Completely Online; E. Oropeza ; 1 cr.

2096 Reflecting on Your Professional Experience

(A-F only; Prerequisite to the course. The prerequisite experience will serve as a foundation for learning professional competencies including

reflection, problem solving, managing interpersonal relationships, professional communication, and goal setting. Current theories of career development will be introduced to help students construct meaning from their experiences to inform future goals and strategies. Prereq: Secured internship, completion of summer module, instr consent)

34251 001 LEC, 16:30-18:30 T, Twin Cities Remote, Completely Online; Mari Ruddy ; 1 cr.

34252 002 LEC, 16:30-18:30 W, Twin Cities Remote, Completely Online; Mari Ruddy ; 1 cr.

2333 Insects, Microbes, and Plants:

Ecology of Pest Management

(A-F only; TS)

18665 001 LEC, 11:45-12:35 MW, Twin Cities Remote, Completely Online; Brett Arenz, David Andow ; 3 cr.

18666 002 DIS, 11:45-13:15 F, Twin Cities Remote, Completely Online; Brett Arenz, David Andow ; 3 cr.

3002 Transfer Student Seminar

(A-F only;)

18798 001 LEC, 15:00-15:50 T, Twin Cities Remote, Completely Online; Jeff Polski, Hal DeLaRosby ; 1 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)

18782 001 LEC, 13:30-14:45 TTh, Animal Science / Vet Med 495J, In Person Term Based; Meets With: 001 ANSC 5091; Milena Saqui-Salces ; 3 cr.

3096 Making the Most of your Professional Experience

(A-F only; Prereq: Secured internship, instr consent)

18780 001 LEC, 14:00-17:00 F, Twin Cities Remote, 14:00-17:00 F, Twin Cities Remote, 14:00-17:00 F, Twin Cities Remote, Completely Online; Mari Ruddy ; 1 cr.
 18781 002 LEC, 16:00-19:00 M, Twin Cities Remote, 16:00-19:00 M, Twin Cities Remote, 16:00-19:00 M, Twin Cities Remote, Completely Online; Mari Ruddy ; 1 cr.

3201 Career and Internship Preparation

(A-F only; Prereq: Soph or jr or sr or grad student)

18509 001 LEC, 11:45-12:35 T, Twin Cities Remote, Completely Online; Sara Newberg ; 1 cr.

18835 002 LEC, 16:05-16:55 W, Twin Cities Remote, Completely Online; Mia Bolte ; 1 cr.

3520 Germany: Leading the Renewables Revolution

(A-F or Audit; Prereq: instructor consentGP,ENV)

18994 001 LEC, In Person Term Based; 3 cr.

4801H Honors Thesis

(A-F only; Prereq-Candidate for graduation with honors through CFANS in any major, college consent.)

18607 001 IND, 00:00-00:00 , , Independent/Directed Study; Brian Crooker ; 3 cr.

34508 002 IND, In Person Term Based; Milena Saqui-Salces ; 3 cr.

34546 003 IND, In Person Term Based; Peter Snyder ; 3 cr.
 34826 004 IND, In Person Term Based; Len Marquart ; 3 cr.

Coll of Science, Engineering (CSE)

1001 First Year Experience

(A-F only; Prereq: CSE, fr)

22635 001 LEC, 08:00-08:50 M, Twin Cities Remote, Completely Online; Benjamin Sharpe ; 1 cr.

22636 002 LEC, 08:00-08:50 M, Twin Cities Remote, Completely Online; Daniel Garrison ; 1 cr.

22637 003 LEC, 09:05-09:55 M, Twin Cities Remote, Completely Online; Erin Piper ; 1 cr.

22638 004 LEC, 14:30-15:20 M, Twin Cities Remote, Completely Online; Kelsi Klaers ; 1 cr.

22639 005 LEC, 15:35-16:25 M, Twin Cities Remote, Completely Online; Brett Gray ; 1 cr.

22640 006 LEC, 15:35-16:25 M, Twin Cities Remote, Completely Online; Ben Guengerich ; 1 cr.

22641 007 LEC, 08:00-08:50 T, Twin Cities Remote, Completely Online; Molly Bauman ; 1 cr.

22642 008 LEC, 08:00-08:50 T, Twin Cities Remote, Completely Online; Laura Wiesner ; 1 cr.

22643 009 LEC, 08:00-08:50 T, Twin Cities Remote, Completely Online; Samantha Franco ; 1 cr.

22644 010 LEC, 09:05-09:55 T, Twin Cities Remote, Completely Online; Kate Peterson ; 1 cr.

22645 011 LEC, 11:15-12:05 T, Twin Cities Remote, Completely Online; Claire Schmidt ; 1 cr.

22649 012 LEC, 14:30-15:20 T, Twin Cities Remote, Completely Online; Kacey Gregerson ; 1 cr.

22650 013 LEC, 15:35-16:25 T, Twin Cities Remote, Completely Online; Kate Lewis ; 1 cr.

22651 014 LEC, 15:35-16:25 T, Twin Cities Remote, Completely Online; Ben Koch ; 1 cr.

22652 015 LEC, 16:40-17:30 T, Twin Cities Remote, Completely Online; Katherine Dowd ; 1 cr.

22653 016 LEC, 08:00-08:50 W, Twin Cities Remote, Completely Online; Erin Piper ; 1 cr.

22654 018 LEC, 09:05-09:55 W, Twin Cities Remote, Completely Online; Whitney Moore ; 1 cr.

22655 022 LEC, 15:35-16:25 W, Twin Cities Remote, Completely Online; Daniel Garrison ; 1 cr.

22656 023 LEC, 15:35-16:25 W, Twin Cities Remote, Completely Online; Adam Pagel ; 1 cr.

22801 024 LEC, 16:40-17:30 W, Twin Cities Remote, Completely Online; Kelly Thomas ; 1 cr.

22807 025 LEC, 14:30-15:20 Th, Twin Cities Remote, Completely Online; Samantha Franco ; 1 cr.

22878 026 LEC, 08:00-08:50 F, Twin Cities Remote, Completely Online; Ben Koch ; 1 cr.

22879 027 LEC, 08:00-08:50 F, Twin Cities Remote, Completely Online; Kyle Kunzmann ; 1 cr.

22880 028 LEC, 09:05-09:55 F, Twin Cities Remote, Completely Online; Dave Finlayson ; 1 cr.

22881 029 LEC, 09:05-09:55 F, Twin Cities Remote, Completely Online; Marquis Taylor ; 1 cr.

22975 020 LEC, 14:30-15:20 W, Twin Cities Remote, Completely Online; Scott Gilbert ; 1 cr.

23036 030 LEC, 10:10-11:00 F, Twin Cities Remote, Completely Online; Kyle Dukar ; 1 cr.

23170 031 LEC, 11:15-12:05 F, Twin Cities Remote, Completely Online; Christine Francis, Samantha Tiemens-Anderson ; 1 cr.

23388 032 LEC, 12:20-13:10 F, Twin Cities Remote, Completely Online; Christine Francis ; 1 cr.

23682 021 LEC, 14:30-15:20 W, Twin Cities Remote, Completely Online; Stacie Vennewitz ; 1 cr.

23683 017 LEC, 08:00-08:50 W, Twin Cities Remote, Completely Online; Erik Joerres ; 1 cr.

23684 019 LEC, 09:05-09:55 W, Twin Cities Remote, Completely Online; Kelsi Klaers ; 1 cr.

23866 033 LEC, 12:20-13:10 F, Twin Cities Remote, Completely Online; Jennifer Showers ; 1 cr.

31969 035 LEC, 13:25-14:15 F, Twin Cities Remote, Completely Online; ; 1 cr.

31970 036 LEC, 13:25-14:15 F, Twin Cities Remote, Completely Online; ; 1 cr.

College of Liberal Arts (CLA)

1001 CLA First-Year Experience I

(S-N only;)

15379 001 LEC, Completely Online; Amy Palmer ; 1 cr.

1002 CLA First-Year Experience II

(S-N only;)

34613 001 LEC, Completely Online; Pang Yang ; 1 cr.

1005 Introduction to Liberal Arts Learning

(A-F only; Prereq: CLA Presidents Emerging Scholars, freshman)

15246 001 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; 2 cr.

15247 002 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; Alexander Hines ; 2 cr.

15248 003 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; Sonyna Castillo ; 2 cr.

15249 004 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; Juan Telles ; 2 cr.

15250 006 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; 2 cr.

15251 007 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; 2 cr.

15252 008 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; 2 cr.

16774 009 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; 2 cr.

18209 010 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; 2 cr.

1007 CLA First-Year Experience:

Independent Study

(S-N only;)

16118 001 IND, 00:00-00:00 , ONLINE, Completely Online; Pang Yang ; 1 cr.

1053 Continuation of Dean's First-Year Research and Creative Scholars Program

(Student Option No Audit; Prereq-Only available to CLA freshmen or transfer students who have completed CLA 1052.)

18186 001 IND, In Person Term Based; 2-3 cr.

1201 BA MD Medical Education Seminar I

(Student Option No Audit;)

17351 001 LEC, 15:35-16:25 M, Twin Cities Remote, Completely Online; Andrew Slattengren, Renee Crichlow ; 1 cr.

1914 Humor and Laughter in Interaction

(A-F only;)

34806 001 DIS, 09:45-11:00 TTh, Blegen Hall 5, In Person Term Based; Polly Sztatowski ; 3 cr.

1915 Language, Food, and Identity

(A-F only;)

34807 001 DIS, 13:00-14:15 TTh, Vincent Hall 16, In Person Term Based; Polly Sztatowski ; 3 cr.

2201 BA/MD Medical Education Seminar III

(Student Option No Audit;)

34540 001 LEC, 15:35-16:25 M, Twin Cities Remote, Completely Online; Andrew Slattengren ; 1 cr.

3002 Career Kickstarter: Finding Internships and Other Career-Related Experiences

(Student Option No Audit;)

17013 002 DIS, Completely Online; Nick Goffard ; 1 cr.
17280 001 DIS, Completely Online; Laura Heilman ; 1 cr.
17281 004 DIS, Completely Online; Abby Trout, Marlena Yang ; 1 cr.

3101 Career Exploration for Transfer Students

(Student Option;)

17286 002 LEC, Completely Online; Emily Gasperlin ; 2 cr.
17733 001 LEC, Completely Online; Chelsea Ochoa ; 2 cr.

3201 Career Planning: Preparing for Your Post-Graduation Plans

(A-F or Audit;)

14886 002 DIS, Completely Online; Ana Eliason ; 2 cr.
17011 003 DIS, Completely Online; Ana Eliason ; 2 cr.

3205 Law School Exploration

(Student Option;)

17734 001 LEC, Completely Online; Erin Reichelt ; 2 cr.

3890 Internship Reflection: Building on your Summer Internship Experience

(Student Option;)

35690 002 DIS, Completely Online; Charlene Myers ; 1 cr.

3896 Internship Reflection: Making Meaning of Your Experience

(Student Option; Prereq: dept consent)

34118 001 DIS, Completely Online; Chelsea Ochoa ; 1 cr.

Commun Engage Scholars Program (CESP)

3901 Community Engagement Scholars Program Integrative Capstone Seminar

(A-F only; Prereq: Departmental Consent based on program requirements completed or plan for completion determined with program staff.)

26830 002 DIS, Completely Online; Laurel Hirt, Basanti Miller ; 1 cr.
26831 001 DIS, Completely Online; Laurel Hirt, Basanti Miller ; 1 cr.

3993 Directed Study for Community Engagement

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

26897 001 DIS, Completely Online; Laurel Hirt ; 1-4 cr.
35684 002 DIS, Completely Online; Monica McKay ; 1-4 cr.

Communication Studies (COMM)

1101 Introduction to Public Speaking

(Student Option; CIV)

13570 001 LEC, 08:15-09:30 MW, Twin Cities Remote, Completely Online; 3 cr.

13571 002 LEC, Completely Online; 3 cr.

13572 003 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; 3 cr.

13573 004 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; 3 cr.

13574 007 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; 3 cr.

13575 008 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; 3 cr.

13576 009 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; 3 cr.

13577 010 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; 3 cr.

13578 011 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; 3 cr.

13579 013 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; 3 cr.

13580 014 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; 3 cr.

13581 015 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; 3 cr.

14142 017 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; 3 cr.

14143 020 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; 3 cr.

14199 006 LEC, Completely Online; 3 cr.

14201 012 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; 3 cr.

14202 016 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; 3 cr.

14203 018 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; 3 cr.

14207 021 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; 3 cr.

14209 019 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; 3 cr.

14846 022 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; 3 cr.

14971 024 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; 3 cr.

14972 026 LEC, 08:45-10:00 MW, Twin Cities Remote, Completely Online; 3 cr.

14973 027 LEC, 10:15-11:30 MW, Twin Cities Remote, Completely Online; 3 cr.

14974 028 LEC, 18:00-21:00 W, Twin Cities Remote, Completely Online; 3 cr.

15269 023 LEC, 16:00-17:15 MW, Twin Cities Remote, Completely Online; 3 cr.

1101H Honors: Introduction to Public Speaking

(A-F only; Prereq: HonorsCIV)

15747 001 LEC, 09:45-11:00 TTh, Murphy Hall 130, In Person Term Based; John Nordin ; 3 cr.

1313W Analysis of Argument

(Student Option; WI)

13582 010 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; David Helwich ; 3 cr.

13583 002 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Jack Lassiter ; 3 cr.

13584 003 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Selena Palomino ; 3 cr.

13585 004 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Allison Brenneise ; 3 cr.

13586 005 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Jeremy Rose ; 3 cr.

13587 006 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Sylvia Vue ; 3 cr.

14144 007 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Sean Quartz ; 3 cr.

14630 008 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Megan Yahne ; 3 cr.

14847 009 LEC, 16:00-17:15 MW, Twin Cities Remote, Completely Online; 3 cr.

14945 001 LEC, 08:15-09:30 MW, Twin Cities Remote, Completely Online; 3 cr.

35731 011 LEC, Completely Online; Allison Brenneise ; 3 cr.

1918 Analysis of the Intersection of Communication and Sport

(A-F only;)

34564 001 DIS, 13:00-14:15 MW, Rapson Hall 45, In Person Term Based; Jeffrey VanCleave ; 3 cr.

3110 Topics in Communication Studies

(Student Option;)

33705 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Liora Elias ; 3 cr.

34014 003 LEC, 16:00-17:15 MW, Twin Cities Remote, Completely Online; David Helwich ; 3 cr.

3190H Honors Course: Research Seminar in Communication

(A-F only; Prereq: Honors candidate in comm, instr consent, dept consent)

13588 001 IND, 00:00-00:00 , ONLINE, Completely Online; 3 cr.

3201 Introduction to Electronic Media Production

(A-F or Audit;)

13590 002 LAB, 13:25-15:20 W, Rarig Center Studio E, 13:25-15:20 M , In Person Term Based; Lisa Hutchinson ; 4 cr.

13591 003 LAB, 13:25-15:20 W , 13:25-15:20 M, Rarig Center Studio E, In Person Term Based; Elja Roy ; 4 cr.

14555 004 LAB, 10:10-12:05 Th, Rarig Center Studio E, 10:10-12:05 T , In Person Term Based; Dawn Schot Klotzbach ; 4 cr.

14884 005 LAB, 10:10-12:05 Th , 10:10-12:05 T, Rarig Center Studio E, In Person Term Based; 4 cr.

15066 006 LAB, 10:10-12:05 W, Rarig Center Studio E, 10:10-12:05 M , In Person Term Based; Lisa Hutchinson ; 4 cr.

15118 007 LAB, 10:10-12:05 W , 10:10-12:05 M, Rarig Center Studio E, In Person Term Based; 4 cr.

3204 Advanced Electronic Media Production

(A-F or Audit; Prereq: 3201 or instr consent)

14585 001 LAB, 10:10-12:05 TTh, Rarig Center Studio B, In Person Term Based; Lisa Hutchinson ; 4 cr.

15119 002 LAB, 13:25-15:20 TTh, Rarig Center Studio B, In Person Term Based; Dawn Schot Klotzbach ; 4 cr.

3211 Introduction to Media Studies

(Student Option;)

13599 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Gilbert Rodman ; 3 cr.

3263W Media Literacy: Decoding Media Images and Messages

(A-F only; WI)

15114 001 LEC, Completely Online; Catherine Bruns ; 3 cr.

15115 002 LEC, Completely Online; Kristin Fitzsimmons ; 3 cr.

15116 003 LEC, Completely Online; Joshua Morrison ; 3 cr.

15117 004 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Caroline Bayne ; 3 cr.

35206 005 LEC, Completely Online; Samira Musleh ; 3 cr.

3351 Asian Americans and Popular Culture

(Student Option; AH,DSJ)

17338 001 DIS, Completely Online; Meets With: 001 AAS 3351; John Matsunaga ; 3 cr.

3401 Introduction to Communication Theory

(Student Option;)

13592 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Susanne Jones ; 3 cr.

15335 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Carly Danielson ; 3 cr.

3402 Introduction to Interpersonal Communication

(Student Option;)

34156 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Carly Danielson ; 3 cr.

3409 Nonverbal Communication

(Student Option; SOCS)

17215 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Amy Mulawa ; 3 cr.

3411 Introduction to Small Group Communication

(Student Option;)

13594 002 LEC, 09:45-11:00 MW, Bruininks Hall 412, In Person Term Based; Nan Gesche ; 3 cr.

13595 003 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Andrea Shada ; 3 cr.

13596 004 LEC, 11:15-12:30 MW, Bruininks Hall 220, In Person Term Based; Nan Gesche ; 3 cr.

13597 005 LEC, 13:00-14:15 MW, Fraser Hall 102, In Person Term Based; Stephanie Galarneault ; 3 cr.

14145 006 LEC, 14:30-15:45 MW, Bruininks Hall 230, In Person Term Based; Stephanie Galarneault ; 3 cr.

17334 007 LEC, Completely Online; Nan Gesche ; 3 cr.

3422 Interviewing and Communication

(A-F or Audit;)

13606 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Andrea Shada ; 3 cr.

14554 002 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Andrea Shada ; 3 cr.

14883 003 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Natalie Warren ; 3 cr.
16345 004 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Diane Odash ; 3 cr.

3431 Persuasion Theories

(Student Option; Prereq: Soph recommended)
17319 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Jeremy Rose ; 3 cr.

3441 Introduction to Organizational Communication

(Student Option;)
16915 001 LEC, Completely Online; Bree Trisler ; 3 cr.
17560 002 LEC, Completely Online; Nicole Rudisill ; 3 cr.

3601 Introduction to Rhetorical Theory

(Student Option;)
14146 001 LEC, Completely Online; Ronald Greene ; 3 cr.

3605W Persuasive Speaking and Speech Writing

(Student Option; Prereq: 1101, sophWI)
13598 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Grace Geier Olive ; 3 cr.

3614 Advanced Public Policy and Debate

(A-F only;)
16898 001 DIS, Completely Online; David Helwich ; 3 cr.

3615 Argumentation

(Student Option; Prereq: Soph)
16899 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Zornitsa Keremidchieva ; 3 cr.

3625 Communication Ethics

(A-F or Audit;)
14459 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Wendy Anderson ; 3 cr.

3635W Famous Speeches

(A-F only; WI)
16971 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Brittany Knutson ; 3 cr.

3645W How Pictures Persuade

(A-F only; WI)
17565 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Austin Fleming ; 3 cr.

3896 Internship for Academic Credit

(Student Option;)
17586 001 IND, Completely Online; Andrea Shada ; 1-4 cr.

3970 Directed Study

(Student Option; Prereq: One Comm course, instr consent, dept consent, college consent.)
16680 001 IND, Completely Online; 1-3 cr.

3980 Directed Instruction

(S-N or Audit; Prereq: instr consent, dept consent)
15279 001 FWK, 00:00-00:00 , ONLINE, Completely Online; 3 cr.

3990 Research Practicum

(Student Option;)
14392 001 FWK, 00:00-00:00 , ONLINE, Completely Online; 1-3 cr.

3999W Capstone Project

(S-N only; Prerequisites: COMM major; instructor consentWI)
14531 001 IND, Completely Online; Dawn Schot Klotzbach ; 1 cr.

16451 002 IND, 00:00-00:00 , ONLINE, Completely Online; Mark Pedelty ; 1 cr.

16452 003 IND, 00:00-00:00 , ONLINE, Completely Online; Mary Vavrus ; 1 cr.

16453 004 IND, 00:00-00:00 , ONLINE, Completely Online; Rachel Presley ; 1 cr.

16455 007 IND, 00:00-00:00 , ONLINE, Completely Online; Jeremy Rose ; 1 cr.

17207 006 IND, Completely Online; Gilbert Rodman ; 1 cr.

4204 Producing for Television: Theory and Practice

(Student Option; Prereq: 3201, 3204)
15494 001 FWK, 14:30-16:15 MW, Rarig Center Studio B, In Person Term Based; Dawn Schot Klotzbach ; 4 cr.

4251 Environmental Communication

(A-F only; ENV)
33466 001 DIS, Completely Online; Mark Pedelty ; 3 cr.

4263 Feminist Media Studies

(A-F only; Prereq: 3211 or instr consentDSJ)
33467 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Mary Vavrus ; 3 cr.

4404W Language Borderlands

(Student Option; WI)
33468 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Rachel Presley ; 3 cr.

5231 Media Outlaws

(Student Option;)
33469 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Gilbert Rodman ; 3 cr.

5441 Communication in Human Organizations

(Student Option;)
15039 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Stephanie Galarneau ; 3 cr.
16702 001 LEC, 17:30-20:30 T, Bruininks Hall 432, In Person Term Based; Jeremy Rose ; 3 cr.

5970 Directed Study

(Student Option;)
13607 001 IND, 00:00-00:00 , In Person Term Based; 1-3 cr.

Comparative & Molecular Biosci (CMB)

5594 Directed Research in Comparative and Molecular Biosciences

(Student Option; Prereq: Jr, instr consent)
10266 001 LAB, 00:00-00:00 , In Person Term Based; Kent Reed ; 1-4 cr.
10304 002 LAB, 00:00-00:00 , In Person Term Based; Mark Rutherford ; 1-4 cr.

5915 Essential Statistics for Life Sciences

(A-F or Audit;)
10492 001 LEC, 10:30-12:00 TTh, Twin Cities Remote, 10:30-12:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 VMED 5915; Aaron Rendahl ; 3 cr.

Computer Science (CSCI)

1103 Introduction to Computer Programming in Java

(Student Option;)
20950 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Timothy Wrenn ; 4 cr.
20951 003 LAB, 13:25-15:20 M, Twin Cities Remote, Completely Online; Meets With: 004 CSCI 1103; Timothy Wrenn ; 4 cr.
21225 002 LAB, 11:15-13:10 M, Twin Cities Remote, Completely Online; Timothy Wrenn ; 4 cr.
22395 004 LAB, 13:25-15:20 M, Twin Cities Remote, Completely Online; Meets With: 003 CSCI 1103; Timothy Wrenn ; 4 cr.
22491 005 LAB, 15:35-17:30 M, Twin Cities Remote, Completely Online; Timothy Wrenn ; 4 cr.
23429 006 LAB, 17:45-19:40 M, Twin Cities Remote, Completely Online; Timothy Wrenn ; 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)
20952 001 LEC, 15:35-16:25 MWF, Twin Cities Remote, Completely Online; Daniel Kluver ; 4 cr.
20953 004 LAB, 11:15-14:15 W, Twin Cities Remote, Completely Online; Daniel Kluver ; 4 cr.
20954 003 LAB, 08:00-11:00 W, Twin Cities Remote, Completely Online; Daniel Kluver ; 4 cr.
20955 005 LAB, 17:45-20:40 W, Twin Cities Remote, Completely Online; Daniel Kluver ; 4 cr.
20956 010 LEC, 18:30-21:00 T, Twin Cities Remote, Completely Online; Daniel Kluver ; 4 cr.
20957 011 LAB, 14:30-17:30 W, Twin Cities Remote, Completely Online; Daniel Kluver ; 4 cr.
22809 013 LAB, 17:45-20:45 Th, Twin Cities Remote, Completely Online; Daniel Kluver ; 4 cr.
23033 014 LAB, 11:15-14:15 F, Twin Cities Remote, Completely Online; Daniel Kluver ; 4 cr.

23592 002 LAB, 17:45-20:45 T, Twin Cities Remote, Completely Online; Daniel Kluver ; 4 cr.
23593 012 LAB, 17:45-20:45 W, Twin Cities Remote, Completely Online; Daniel Kluver ; 4 cr.
33311 007 LAB, 08:00-11:00 Th, Twin Cities Remote, Completely Online; Daniel Kluver ; 4 cr.
33312 008 LAB, 11:15-14:15 Th, Twin Cities Remote, Completely Online; Daniel Kluver ; 4 cr.
33313 009 LAB, 14:30-17:30 Th, Twin Cities Remote, Completely Online; Daniel Kluver ; 4 cr.

1115 Exploring Computer Science Exercises in C++

(S-N only;)
33328 001 LEC, 18:00-20:00 Th, Twin Cities Remote, Completely Online; Daniel Kluver ; 1 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)

22857 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Nathan Taylor ; 4 cr.
22858 002 LAB, 08:00-09:55 Th, Twin Cities Remote, Completely Online; Nathan Taylor ; 4 cr.
22859 003 LAB, 10:10-12:05 Th, Twin Cities Remote, Completely Online; Nathan Taylor ; 4 cr.
22860 004 LAB, 12:20-14:15 Th, Twin Cities Remote, Completely Online; Nathan Taylor ; 4 cr.
22926 005 LAB, 14:30-16:25 Th, Twin Cities Remote, Completely Online; Nathan Taylor ; 4 cr.
22927 021 LAB, 08:00-09:55 Th, Twin Cities Remote, Completely Online; Andrew Exley ; 4 cr.
22928 022 LAB, 10:10-12:05 Th, Twin Cities Remote, Completely Online; Andrew Exley ; 4 cr.
22929 010 LEC, 18:30-21:00 W, Twin Cities Remote, Completely Online; Nathan Taylor ; 4 cr.
22930 011 LAB, 17:45-19:40 Th, Twin Cities Remote, Completely Online; Nathan Taylor ; 4 cr.
22931 012 LAB, 18:50-20:45 Th, Twin Cities Remote, Completely Online; Nathan Taylor ; 4 cr.
23008 013 LAB, 10:10-12:05 F, Twin Cities Remote, Completely Online; Nathan Taylor ; 4 cr.
23022 024 LAB, 14:30-16:25 Th, Twin Cities Remote, Completely Online; Andrew Exley ; 4 cr.
23034 023 LAB, 12:20-14:15 Th, Twin Cities Remote, Completely Online; Andrew Exley ; 4 cr.
23238 020 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Andrew Exley ; 4 cr.
23282 025 LAB, 16:40-18:35 Th, Twin Cities Remote, Completely Online; Andrew Exley ; 4 cr.
23288 006 LAB, 16:40-18:35 Th, Twin Cities Remote, Completely Online; Nathan Taylor ; 4 cr.
23885 030 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Matheus Araujo ; 4 cr.
23886 031 LAB, 08:00-09:55 Th, Twin Cities Remote, Completely Online; Matheus Araujo ; 4 cr.
23887 032 LAB, 10:10-12:05 Th, Twin Cities Remote, Completely Online; Matheus Araujo ; 4 cr.
23916 014 LAB, 12:20-14:15 F, Twin Cities Remote, Completely Online; Nathan Taylor ; 4 cr.
33393 040 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Andrea Walker ; 4 cr.
33395 041 LAB, 08:00-09:55 Th, Twin Cities Remote, Completely Online; Andrea Walker ; 4 cr.
33396 042 LAB, 10:10-12:05 Th, Twin Cities Remote, Completely Online; Andrea Walker ; 4 cr.
33397 050 LEC, 12:20-13:10 MWF, Twin Cities Remote, Completely Online; Nabil Khan ; 4 cr.
33398 051 LAB, 12:20-14:15 Th, Twin Cities Remote, Completely Online; Nabil Khan ; 4 cr.
33399 052 LAB, 14:30-16:25 Th, Twin Cities Remote, Completely Online; Nabil Khan ; 4 cr.
33400 060 LEC, 12:20-13:10 MWF, Twin Cities Remote, Completely Online; Adel Al-Dawood ; 4 cr.
33401 061 LAB, 12:20-14:15 Th, Twin Cities Remote, Completely Online; Adel Al-Dawood ; 4 cr.
33402 062 LAB, 14:30-16:25 Th, Twin Cities Remote, Completely Online; Adel Al-Dawood ; 4 cr.
33403 070 LEC, 12:20-13:10 MWF, Twin Cities Remote, Completely Online; Bridger Herman ; 4 cr.
33404 071 LAB, 16:40-18:35 Th, Twin Cities Remote, Completely Online; Bridger Herman ; 4 cr.
33405 072 LAB, 08:00-09:55 F, Twin Cities Remote, Completely Online; Bridger Herman ; 4 cr.

1133H Honors Introduction to Computing and Programming Concepts

(A-F only; 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], CSci majors, pre-majors in CSE/CLA, honors student)

22964 001 LEC, 14:30-15:20 MWF, Twin Cities Remote,
Completely Online; Maria Gini ; 4 cr.
22965 002 LAB, 15:35-17:15 W, Twin Cities Remote,
Completely Online; Maria Gini ; 4 cr.

1135 Exploring Computer Science Exercises in Python (S-N only;)

33331 001 LEC, 18:00-20:00 T, Twin Cities Remote,
Completely Online; Shana Watters, Nathan Taylor ; 1 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)

22861 001 LEC, 14:30-15:20 MWF, Twin Cities Remote,
Completely Online; James Moen ; 4 cr.
22862 002 LAB, 08:00-09:55 T, Twin Cities Remote,
Completely Online; James Moen ; 4 cr.
22863 003 LAB, 10:10-12:05 T, Twin Cities Remote,
Completely Online; James Moen ; 4 cr.
22932 004 LAB, 12:20-14:15 T, Twin Cities Remote,
Completely Online; James Moen ; 4 cr.
23007 005 LAB, 14:30-16:25 T, Twin Cities Remote,
Completely Online; James Moen ; 4 cr.
23035 006 LAB, 16:40-18:35 T, Twin Cities Remote,
Completely Online; James Moen ; 4 cr.
23161 008 LAB, 10:10-12:05 W, Twin Cities Remote,
Completely Online; James Moen ; 4 cr.
23280 011 LAB, 14:30-16:25 W, Twin Cities Remote,
Completely Online; James Moen ; 4 cr.
23301 010 LEC, 11:15-12:05 MWF, Twin Cities Remote,
Completely Online; James Moen ; 4 cr.
23302 012 LAB, 16:40-18:35 W, Twin Cities Remote,
Completely Online; James Moen ; 4 cr.
23430 013 LAB, 18:50-20:45 W, Twin Cities Remote,
Completely Online; James Moen ; 4 cr.
23596 009 LAB, 12:20-14:15 W, Twin Cities Remote,
Completely Online; James Moen ; 4 cr.

1933 Introduction to Algorithms and Data Structures

(Student Option; Prereq: 1133 or instr consent)
22933 001 LEC, 14:30-15:20 MWF, Twin Cities Remote,
Completely Online; Chris Dovolis ; 4 cr.
22934 002 LAB, 08:00-09:55 T, Twin Cities Remote,
Completely Online; Chris Dovolis ; 4 cr.
22935 003 LAB, 10:10-12:05 T, Twin Cities Remote,
Completely Online; Chris Dovolis ; 4 cr.
22936 004 LAB, 12:20-14:15 T, Twin Cities Remote,
Completely Online; Chris Dovolis ; 4 cr.
22937 005 LAB, 14:30-16:25 T, Twin Cities Remote,
Completely Online; Chris Dovolis ; 4 cr.
22938 006 LAB, 16:40-18:35 T, Twin Cities Remote,
Completely Online; Chris Dovolis ; 4 cr.
22939 007 LAB, 18:50-20:45 T, Twin Cities Remote,
Completely Online; Chris Dovolis ; 4 cr.
23901 008 LAB, 08:00-09:55 W, Twin Cities Remote,
Completely Online; Chris Dovolis ; 4 cr.
33335 010 LEC, 09:05-09:55 MWF, Twin Cities Remote,
Completely Online; Chris Dovolis ; 4 cr.
33336 011 LAB, 08:00-09:55 T, Twin Cities Remote,
Completely Online; Chris Dovolis ; 4 cr.
33337 012 LAB, 10:10-12:05 T, Twin Cities Remote,
Completely Online; Chris Dovolis ; 4 cr.
33338 013 LAB, 12:20-14:15 T, Twin Cities Remote,
Completely Online; Chris Dovolis ; 4 cr.
33339 014 LAB, 14:30-16:25 T, Twin Cities Remote,
Completely Online; Chris Dovolis ; 4 cr.

2011 Discrete Structures of Computer Science

(Student Option; Prereq: MATH 1271 or MATH 1371 or
instr consent)

20958 001 LEC, 12:20-13:10 MWF, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.
20959 003 DIS, 13:25-14:15 T, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.
20960 002 DIS, 12:20-13:10 T, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.
20961 004 DIS, 14:30-15:20 T, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.
22522 005 DIS, 15:35-16:25 T, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.
22578 006 DIS, 16:40-17:30 T, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.
22838 007 DIS, 17:45-18:35 T, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.
22948 010 LEC, 18:30-21:00 M, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.
22949 011 DIS, 16:40-17:30 Th, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.
22950 012 DIS, 17:45-18:35 Th, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.

23162 014 DIS, 09:05-09:55 F, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.
23281 015 DIS, 10:10-11:00 F, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.
23888 020 LEC, 15:35-16:25 MWF, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.
23889 021 DIS, 15:35-16:25 Th, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.
23890 022 DIS, 16:40-17:30 Th, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.
33343 023 DIS, 17:45-18:35 Th, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.
35342 008 DIS, 11:15-12:05 T, Twin Cities Remote,
Completely Online; Kathryn Jensen ; 4 cr.

2021 Machine Architecture and Organization

(Student Option; Prereq: 1913 or 1933 or instr consent)

23543 001 LEC, 13:25-14:15 MWF, Twin Cities Remote,
Completely Online; Christopher Kauffman ; 4 cr.
23544 010 LEC, 15:35-16:25 MWF, Twin Cities Remote,
Completely Online; Christopher Kauffman ; 4 cr.
23549 002 LAB, 08:00-08:50 W, Twin Cities Remote,
Completely Online; Christopher Kauffman ; 4 cr.
23550 011 LAB, 12:20-13:10 W, Twin Cities Remote,
Completely Online; Christopher Kauffman ; 4 cr.
23565 003 LAB, 09:05-09:55 W, Twin Cities Remote,
Completely Online; Christopher Kauffman ; 4 cr.
23566 004 LAB, 10:10-11:00 W, Twin Cities Remote,
Completely Online; Christopher Kauffman ; 4 cr.
23567 005 LAB, 10:10-11:00 W, Twin Cities Remote,
Completely Online; Christopher Kauffman ; 4 cr.
23568 006 LAB, 11:15-12:05 W, Twin Cities Remote,
Completely Online; Christopher Kauffman ; 4 cr.
23569 012 LAB, 12:20-13:10 W, Twin Cities Remote,
Completely Online; Christopher Kauffman ; 4 cr.
23570 013 LAB, 13:25-14:15 W, Twin Cities Remote,
Completely Online; Christopher Kauffman ; 4 cr.
23571 014 LAB, 13:25-14:15 W, Twin Cities Remote,
Completely Online; Christopher Kauffman ; 4 cr.
23598 015 LAB, 14:30-15:20 W, Twin Cities Remote,
Completely Online; Christopher Kauffman ; 4 cr.
33344 007 LAB, 11:15-12:05 W, Twin Cities Remote,
Completely Online; Christopher Kauffman ; 4 cr.
34869 016 LAB, 14:30-15:20 W, Twin Cities Remote,
Completely Online; Christopher Kauffman ; 4 cr.
35343 017 LAB, 11:15-12:05 W, Twin Cities Remote,
Completely Online; 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])

22606 001 LEC, 09:05-09:55 MWF, Twin Cities Remote,
Completely Online; Qi Zhao ; 4 cr.
22607 002 DIS, 08:00-08:50 T, Twin Cities Remote,
Completely Online; Qi Zhao ; 4 cr.
22608 003 DIS, 09:05-09:55 T, Twin Cities Remote,
Completely Online; Qi Zhao ; 4 cr.
22609 004 DIS, 10:10-11:00 T, Twin Cities Remote,
Completely Online; Qi Zhao ; 4 cr.
23243 011 DIS, 11:15-12:05 T, Twin Cities Remote,
Completely Online; Victoria Interrante ; 4 cr.
23244 012 DIS, 12:20-13:10 T, Twin Cities Remote,
Completely Online; Victoria Interrante ; 4 cr.
23245 013 DIS, 13:25-14:15 T, Twin Cities Remote,
Completely Online; Victoria Interrante ; 4 cr.
23353 010 LEC, 11:15-12:05 MWF, Twin Cities Remote,
Completely Online; Victoria Interrante ; 4 cr.
23510 014 DIS, 14:30-15:20 T, Twin Cities Remote,
Completely Online; Victoria Interrante ; 4 cr.
33351 005 DIS, 11:15-12:05 T, Twin Cities Remote,
Completely Online; Qi Zhao ; 4 cr.
35344 015 DIS, 10:10-11:00 T, Twin Cities Remote,
Completely Online; Victoria Interrante ; 4 cr.

2041 Advanced Programming Principles

(Student Option; Prereq: [1913 or 1933], 2011)

22941 001 LEC, 09:05-09:55 MWF, Bruininks Hall 330,
Partially Online; Eric Van Wyk ; 4 cr.
22942 002 LAB, Completely Online; Eric Van Wyk ; 4 cr.
22943 003 LAB, Completely Online; Eric Van Wyk ; 4 cr.
22944 004 LAB, Completely Online; Eric Van Wyk ; 4 cr.
22945 005 LAB, Completely Online; Eric Van Wyk ; 4 cr.
22946 006 LAB, Completely Online; Eric Van Wyk ; 4 cr.
22947 014 LAB, 17:45-18:35 T, Keller Hall 1-250,
17:45-18:35 T, Keller Hall 1-262, 17:45-18:35 T, Keller
Hall 1-260, In Person Term Based; Nick Hopper ; 4 cr.
23104 015 LAB, 18:55-19:45 T, Keller Hall 1-250,
18:55-19:45 T, Keller Hall 1-260, 18:55-19:45 T, Keller
Hall 1-262, In Person Term Based; Nick Hopper ; 4 cr.
23163 010 LEC, 13:25-14:15 MWF, Twin Cities Remote,
Completely Online; Nick Hopper ; 4 cr.
23164 011 LAB, 14:30-15:20 T, Keller Hall 1-250,
14:30-15:20 T, Keller Hall 1-262, 14:30-15:20 T, Keller
Hall 1-260, In Person Term Based; Nick Hopper ; 4 cr.

23165 012 LAB, 15:35-16:25 T, Keller Hall 1-250,
15:35-16:25 T, Keller Hall 1-262, 15:35-16:25 T, Keller
Hall 1-260, In Person Term Based; Nick Hopper ; 4 cr.
23431 013 LAB, 16:40-17:30 T, Keller Hall 1-250,
16:40-17:30 T, Keller Hall 1-262, 16:40-17:30 T, Keller
Hall 1-260, In Person Term Based; Nick Hopper ; 4 cr.
23512 007 LAB, Completely Online; Eric Van Wyk ; 4 cr.
33352 008 LAB, Completely Online; Eric Van Wyk ; 4 cr.
34868 016 LAB, 13:25-14:15 T, Keller Hall 1-260,
13:25-14:15 T, Keller Hall 1-250, 13:25-14:15 T, Keller
Hall 1-262, In Person Term Based; Nick Hopper ; 4 cr.
35404 017 LAB, 12:20-13:10 T, Keller Hall 1-260,
12:20-13:10 T, Keller Hall 1-250, 12:20-13:10 T, Keller
Hall 1-262, In Person Term Based; Nick Hopper ; 4 cr.
35523 020 LEC, Completely Online; Eric Van Wyk ; 4 cr.
35524 021 LAB, Completely Online; Eric Van Wyk ; 4 cr.

2081 Introduction to Software Development (Student Option; Prerequisite: CSCI 1133, CSCI 1103, or CSCI 1113)

33340 001 LEC, 13:25-14:30 MWF, Twin Cities Remote,
Completely Online; Daniel Challou ; 4 cr.
33341 002 LAB, 14:30-16:25 M, Keller Hall 1-262, In Person
Term Based; Daniel Challou ; 4 cr.
33342 003 LAB, 16:40-18:35 M, Keller Hall 1-262, In Person
Term Based; Daniel Challou ; 4 cr.

3003 Introduction to Computing in Biology (Student Option; Prereq: introductory biology course.)

23692 001 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 CSCI 5465; Chad
Myers ; 3 cr.
23695 002 LAB, 09:05-11:00 F, Twin Cities Remote,
Completely Online; Chad Myers ; 3 cr.
23700 003 LAB, 11:15-13:05 F, Twin Cities Remote,
Completely Online; Chad Myers ; 3 cr.
33765 004 LAB, 13:25-15:30 F, Twin Cities Remote,
Completely Online; Chad Myers ; 3 cr.

3081W Program Design and Development (Student Option; Prereq: [2021, 2041]; CS upper div, CS grad, or dept. permissionW)

23545 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Mattia Fazzini ; 4 cr.
23546 010 LEC, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; Timothy Wrenn ; 4 cr.
23551 002 LAB, 08:00-08:50 F, Twin Cities Remote,
Completely Online; Mattia Fazzini ; 4 cr.
23552 011 LAB, 10:10-11:00 F, Twin Cities Remote,
Completely Online; Timothy Wrenn ; 4 cr.
23577 003 LAB, 09:05-09:55 F, Twin Cities Remote,
Completely Online; Mattia Fazzini ; 4 cr.
23578 004 LAB, 10:10-11:00 F, Twin Cities Remote,
Completely Online; Mattia Fazzini ; 4 cr.
23579 005 LAB, 11:15-12:05 F, Twin Cities Remote,
Completely Online; Mattia Fazzini ; 4 cr.
23580 012 LAB, 11:15-12:05 F, Twin Cities Remote,
Completely Online; Timothy Wrenn ; 4 cr.
23581 013 LAB, 12:20-13:10 F, Twin Cities Remote,
Completely Online; Timothy Wrenn ; 4 cr.
23870 014 LAB, 13:25-14:15 F, Twin Cities Remote,
Completely Online; Timothy Wrenn ; 4 cr.
33354 015 LAB, 14:30-15:20 F, Twin Cities Remote,
Completely Online; Timothy Wrenn ; 4 cr.
34113 020 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Daniel Orban ; 4 cr.
34114 021 LAB, 12:20-13:10 F, Twin Cities Remote,
Completely Online; Daniel Orban ; 4 cr.
34115 022 LAB, 13:25-14:15 F, Twin Cities Remote,
Completely Online; Daniel Orban ; 4 cr.
34116 023 LAB, 14:30-15:20 F, Twin Cities Remote,
Completely Online; Daniel Orban ; 4 cr.

3921W Social, Legal, and Ethical Issues in Computing

(Student Option; Prereq: At least soph or instr
consent(CIV,W))

22940 001 LEC, 18:30-21:00 T, Twin Cities Remote,
Completely Online; Phillip Barry ; 3 cr.

3970 Industrial Student Co-op Assignment (S-N or Audit; Prereq: CSci, in co-op program, instr consent)

21449 001 FWK, 00:00-00:00 , No Room Required,
Independent/Directed Study; Chris Dovolis ; 2 cr.

4011 Formal Languages and Automata Theory

(Student Option; Prereq: 2041 or instr consent)

20900 001 LEC, 13:00-14:15 MW, Twin Cities Remote, In
Person Term Based; Gopalan Nadathur ; 4 cr.
20901 002 DIS, 11:15-12:05 F, Twin Cities Remote,
Completely Online; Gopalan Nadathur ; 4 cr.
20902 003 DIS, 12:20-13:10 F, Twin Cities Remote,
Completely Online; Gopalan Nadathur ; 4 cr.

23451 004 DIS, 13:25-14:15 F, Twin Cities Remote, Completely Online; Gopalan Nadathur ; 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)

20962 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Carl Sturivant ; 4 cr.
 20963 002 DIS, 08:00-08:50 F, Twin Cities Remote, Completely Online; Carl Sturivant ; 4 cr.
 20964 003 DIS, 09:05-09:55 F, Twin Cities Remote, Completely Online; Carl Sturivant ; 4 cr.
 20965 004 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; Carl Sturivant ; 4 cr.
 22523 005 DIS, 11:15-12:05 F, Twin Cities Remote, Completely Online; Carl Sturivant ; 4 cr.
 22695 006 DIS, 12:20-13:10 F, Twin Cities Remote, Completely Online; Carl Sturivant ; 4 cr.
 22888 007 DIS, 13:25-14:15 F, Twin Cities Remote, Completely Online; Carl Sturivant ; 4 cr.
 22951 010 LEC, 18:30-21:00 T, Twin Cities Remote, Completely Online; Carl Sturivant ; 4 cr.
 22952 011 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; Carl Sturivant ; 4 cr.
 22953 012 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; Carl Sturivant ; 4 cr.
 23303 013 DIS, 16:40-17:30 Th, Twin Cities Remote, Completely Online; Carl Sturivant ; 4 cr.
 23432 014 DIS, 17:45-18:35 Th, Twin Cities Remote, Completely Online; Carl Sturivant ; 4 cr.
 33373 015 DIS, 18:50-19:40 Th, Twin Cities Remote, Completely Online; Carl Sturivant ; 4 cr.

4061 Introduction to Operating Systems

(Student Option; Prereq: 2021 or EE 2361; CS upper div, CS minor, CompE upper div., EE upper div., EE grad, ITI upper div., Univ. honors student, or dept. permission; no cr for grads in CSci.)

23547 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Jon Weissman ; 4 cr.
 23548 010 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Jon Weissman ; 4 cr.
 23553 002 LAB, 08:00-08:50 M, Twin Cities Remote, Completely Online; Jon Weissman ; 4 cr.
 23554 011 LAB, 14:30-15:20 M, Twin Cities Remote, Completely Online; Jon Weissman ; 4 cr.
 23582 003 LAB, 09:05-09:55 M, Twin Cities Remote, Completely Online; Jon Weissman ; 4 cr.
 23583 004 LAB, 10:10-11:00 M, Twin Cities Remote, Completely Online; Jon Weissman ; 4 cr.
 23584 005 LAB, 11:15-12:05 M, Twin Cities Remote, Completely Online; Jon Weissman ; 4 cr.
 23585 006 LAB, 12:20-13:10 M, Twin Cities Remote, Completely Online; Jon Weissman ; 4 cr.
 23586 007 LAB, 13:25-14:15 M, Twin Cities Remote, Completely Online; Jon Weissman ; 4 cr.
 23587 012 LAB, 15:35-16:25 M, Twin Cities Remote, Completely Online; Jon Weissman ; 4 cr.
 23588 013 LAB, 16:40-17:30 M, Twin Cities Remote, Completely Online; Jon Weissman ; 4 cr.
 23589 014 LAB, 17:45-18:35 M, Twin Cities Remote, Completely Online; Jon Weissman ; 4 cr.

4131 Internet Programming

(Student Option; Prereq: 4061, 4211 recommended, cannot be taken for grad CSci cr)

22716 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Daniel Challou ; 3 cr.

4203 Computer Architecture

(Student Option; Prereq: 2021 or instr consent)

21522 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 EE 4363; Sachin Sapatnekar ; 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)

21499 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Feng Qian ; 3 cr.

4271W Development of Secure Software Systems

(A-F or Audit; Prerequisites: 3081WWW)

33751 001 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Stephen McCamant ; 4 cr.
 33752 002 LAB, 15:35-16:25 W, Keller Hall 1-250, In Person Term Based; Stephen McCamant ; 4 cr.
 33753 003 LAB, 16:40-17:30 W, Keller Hall 1-250, In Person Term Based; Stephen McCamant ; 4 cr.

4511W Introduction to Artificial Intelligence

(Student Option; Prereq: 2041 or instr consentWI)

22971 001 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; James Parker ; 4 cr.

23433 002 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; James Parker ; 4 cr.

4611 Programming Interactive Computer Graphics and Games

(Student Option; Prereq: 2021 or instr consent)

23169 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Daniel Keefe ; 3 cr.

4707 Practice of Database Systems

(Student Option; Prereq: 4041 or instr consent)

21500 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Shana Watters ; 3 cr.
 23690 002 LEC, 16:00-17:15 MW, Twin Cities Remote, Completely Online; Travis Noll ; 3 cr.

4921 History of Computing

(Student Option; HIS,TS)

23056 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 HSCI 4321; Phillip Barry ; 3 cr.

4950 Senior Software Project

(A-F only; Prereq: Upper div CSci, instr consent)

22489 001 LEC, 08:00-09:30 W, Twin Cities Remote, Completely Online; Amit Thakore, Travis Galloway, Jeff Lemmerman ; 3 cr.

4970W Advanced Project Laboratory

(Student Option; Prereq: Upper div CSci, 4061, instr consent; cannot be taken for grad crWI)

21261 001 IND, 00:00-00:00 , , Independent/Directed Study; 3 cr.
 21556 002 IND, 00:00-00:00 , , In Person Term Based; Daniel Boley ; 3 cr.
 21557 003 IND, 00:00-00:00 , , In Person Term Based; 3 cr.
 21558 004 IND, 00:00-00:00 , , In Person Term Based; Arindam Banerjee ; 3 cr.
 21559 005 IND, 00:00-00:00 , , In Person Term Based; 3 cr.
 21560 006 IND, 00:00-00:00 , , In Person Term Based; Mattia Fazzini ; 3 cr.
 21561 007 IND, 00:00-00:00 , , In Person Term Based; David Du ; 3 cr.
 21562 008 IND, 00:00-00:00 , , In Person Term Based; Tian He ; 3 cr.
 21563 009 IND, 00:00-00:00 , , In Person Term Based; Maria Gini ; 3 cr.
 21564 010 IND, 00:00-00:00 , , In Person Term Based; Mats Heimdahl ; 3 cr.
 21565 011 IND, 00:00-00:00 , , In Person Term Based; Stephen Guy ; 3 cr.
 21566 012 IND, 00:00-00:00 , , In Person Term Based; Victoria Interrante ; 3 cr.
 21567 013 IND, 00:00-00:00 , , In Person Term Based; Ravi Janardan ; 3 cr.
 21568 014 IND, 00:00-00:00 , , In Person Term Based; George Karypis ; 3 cr.
 21569 015 IND, 00:00-00:00 , , In Person Term Based; Dan Knights ; 3 cr.
 21570 016 IND, 00:00-00:00 , , In Person Term Based; Joseph Konstan ; 3 cr.
 21571 017 IND, 00:00-00:00 , , In Person Term Based; Vipin Kumar ; 3 cr.
 21572 018 IND, 00:00-00:00 , , In Person Term Based; Rui Kuang ; 3 cr.
 21573 019 IND, 00:00-00:00 , , In Person Term Based; Gary Meyer ; 3 cr.
 21574 020 IND, 00:00-00:00 , , In Person Term Based; Gopalan Nadathur ; 3 cr.
 21575 021 IND, 00:00-00:00 , , In Person Term Based; Mohamed Mokbel ; 3 cr.
 21576 022 IND, 00:00-00:00 , , In Person Term Based; Nikolaos Papanikolopoulos ; 3 cr.
 21577 023 IND, 00:00-00:00 , , In Person Term Based; Chad Myers ; 3 cr.
 21578 024 IND, 00:00-00:00 , , In Person Term Based; Stephen McCamant ; 3 cr.
 21579 025 IND, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis ; 3 cr.
 21580 026 IND, 00:00-00:00 , , In Person Term Based; Yousef Saad ; 3 cr.
 21581 027 IND, 00:00-00:00 , , In Person Term Based; Paul Schratler ; 3 cr.
 21582 028 IND, 00:00-00:00 , , In Person Term Based; Hyun Soo Park ; 3 cr.
 21583 029 IND, 00:00-00:00 , , In Person Term Based; Shashi Shekhar ; 3 cr.
 21584 030 IND, 00:00-00:00 , , In Person Term Based; Rahul Narain ; 3 cr.
 21585 031 IND, 00:00-00:00 , , In Person Term Based; Jaideep Srivastava ; 3 cr.
 21586 032 IND, 00:00-00:00 , , In Person Term Based; Kangjie Lu ; 3 cr.

21587 033 IND, 00:00-00:00 , , In Person Term Based; Junaed Sattar ; 3 cr.

21588 034 IND, 00:00-00:00 , , In Person Term Based; Loren Terveen ; 3 cr.

21589 035 IND, 00:00-00:00 , , In Person Term Based; Anand Tripathi ; 3 cr.

21590 036 IND, 00:00-00:00 , , In Person Term Based; Eric Van Wyk ; 3 cr.

21591 037 IND, 00:00-00:00 , , In Person Term Based; Volkan Isler ; 3 cr.

21592 038 IND, 00:00-00:00 , , In Person Term Based; Jon Weissman ; 3 cr.

21593 039 IND, 00:00-00:00 , , In Person Term Based; Pen-Chung Yew ; 3 cr.

21594 040 IND, 00:00-00:00 , , In Person Term Based; Zhi-Li Zhang ; 3 cr.

22003 042 IND, 00:00-00:00 , , In Person Term Based; Nick Hopper ; 3 cr.

22004 043 IND, 00:00-00:00 , , In Person Term Based; Antonia Zhai ; 3 cr.

22023 041 IND, 00:00-00:00 , , In Person Term Based; Abhishek Chandra ; 3 cr.

22457 044 IND, 00:00-00:00 , , In Person Term Based; Daniel Keefe ; 3 cr.

23090 045 IND, 00:00-00:00 , , In Person Term Based; Lana Yarosh ; 3 cr.

23140 046 IND, 00:00-00:00 , , In Person Term Based; Haiyi Zhu ; 3 cr.

23272 047 IND, In Person Term Based; Qi Zhao ; 3 cr.

5103 Operating Systems

(Student Option; Prereq: 4061 or instr consent)

21314 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, In Person Term Based; Anand Tripathi ; 3 cr.

5106 Programming Languages

(Student Option; Prereq: 4011 or instr consent)

21315 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; F. Favonia ; 3 cr.

5115 User Interface Design, Implementation and Evaluation

(Student Option; Prereq: 4041 or instr consent)

20903 001 LEC, 18:30-21:00 M, Twin Cities Remote, Completely Online; Joseph Konstan ; 3 cr.

5204 Advanced Computer Architecture

(Student Option; Prereq: 4203 or EE 4363)

21528 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 EE 5364; Antonia Zhai ; 3 cr.

5271 Introduction to Computer Security

(Student Option; Prereq: 4061 or equiv or instr consent)

22002 001 LEC, Completely Online; Max Schuchard ; 3 cr.

5304 Computational Aspects of Matrix Theory

(Student Option; Prereq: 2031 or 2033 or instr consent)

20899 001 LEC, 08:15-09:30 MW, Twin Cities Remote, Completely Online; Yousef Saad ; 3 cr.

5421 Advanced Algorithms and Data Structures

(Student Option; Prereq: 4041 or instr consent)

20897 001 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Ravi Janardan ; 3 cr.

5465 Introduction to Computing for Biologists

(Student Option; Prereq: Introductory biology course; non-CSE students only.)

23693 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CSCI 3003; Chad Myers ; 3 cr.

5481 Computational Techniques for Genomics

(Student Option; Prereq: 4041 or instr consent)

23308 001 LEC, 08:15-09:30 MW, Twin Cities Remote, Completely Online; Dan Knights ; 3 cr.

5511 Artificial Intelligence I

(Student Option; Prereq: [2041 or instr consent], grad student)

20898 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Andrew Exley ; 3 cr.

5512 Artificial Intelligence II

(Student Option; Prereq: [STAT 3021, 4041] or instr consent)

23691 001 LEC, Completely Online; James Parker ; 3 cr.

5521 Introduction to Machine Learning (Student Option; Prereq: [[2031 or 2033], STAT 3021] or instr consent)

22987 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Daniel Boley ; 3 cr.
23412 002 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Arindam Banerjee ; 3 cr.

5523 Introduction to Data Mining

(Student Option; Prereq: 4041 or instr consent)

22610 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Vipin Kumar ; 3 cr.

5525 Machine Learning

(Student Option; Prereq: Grad student or instr consent)

22696 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Nicholas Johnson ; 3 cr.

5551 Introduction to Intelligent Robotic Systems

(Student Option; Prereq: 2031 or 2033 or instr consent)

21501 001 LEC, 18:30-21:00 T, Twin Cities Remote, Completely Online; Nikolaos Papanikolopoulos ; 3 cr.

5561 Computer Vision

(Student Option; Prereq: 5511 or instr consent)

23603 001 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Hyun Soo Park ; 3 cr.

5611 Animation & Planning in Games

(Student Option; Prereq: 4041 or 4611 or instr consent)

33595 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Stephen Guy ; 3 cr.

5619 Virtual Reality and 3D Interaction

(Student Option; Prereq: 4611 or 5607 or 5115 or equiv or instr consent)

23309 001 LEC, 16:00-17:15 MW, Twin Cities Remote, Completely Online; Evan Suma Rosenberg ; 3 cr.

5707 Principles of Database Systems

(Student Option; Prereq: [4041 or instr consent], grad student)

21520 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Jaideep Srivastava ; 3 cr.

5715 From GPS, Google Maps, and Uber to Spatial Data Science

(Student Option; Prereq: Familiarity with Java, C++, or Python)

22972 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Shashi Shekhar ; 3 cr.

5801 Software Engineering I

(Student Option; Prereq: 2041 or instr consent)

21024 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Kevin Wendt ; 3 cr.
33594 002 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Kevin Wendt ; 3 cr.

5980 Special Topics in Computer Science

(Student Option; Prereq: instr consent; may be repeated for cr)

34417 001 LEC, 18:30-21:00 M, Keller Hall 3-210, Partially Online; Meets With: 005 CSCI 8980; Ju Sun ; 1-3 cr.
35231 002 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; David Du ; 1-3 cr.

5991 Independent Study

(Student Option; Prereq: instr consent; may be repeated for cr)

21188 001 IND, 00:00-00:00 , , In Person Term Based; Joseph Niesznar ; 1-3 cr.
21595 002 IND, 00:00-00:00 , , In Person Term Based; Daniel Boley ; 1-3 cr.
21596 003 IND, 00:00-00:00 , , In Person Term Based; Carl Sturtivant ; 1-3 cr.
21597 004 IND, 00:00-00:00 , , In Person Term Based; Arindam Banerjee ; 1-3 cr.
21598 005 IND, 00:00-00:00 , , In Person Term Based; Feng Qian ; 1-3 cr.
21599 006 IND, 00:00-00:00 , , In Person Term Based; Chris Dovolis ; 1-3 cr.
21600 007 IND, 00:00-00:00 , , In Person Term Based; David Du ; 1-3 cr.
21601 008 IND, 00:00-00:00 , , In Person Term Based; Tian He ; 1-3 cr.
21602 009 IND, 00:00-00:00 , , In Person Term Based; Maria Gini ; 1-3 cr.

21603 010 IND, 00:00-00:00 , , In Person Term Based; Mats Heimdahl ; 1-3 cr.

21604 011 IND, 00:00-00:00 , , In Person Term Based; Stephen Guy ; 1-3 cr.
21605 012 IND, 00:00-00:00 , , In Person Term Based; Victoria Interrante ; 1-3 cr.
21606 013 IND, 00:00-00:00 , , In Person Term Based; Ravi Janardan ; 1-3 cr.
21607 014 IND, 00:00-00:00 , , In Person Term Based; George Karypis ; 1-3 cr.
21608 015 IND, 00:00-00:00 , , In Person Term Based; Dan Knights ; 1-3 cr.
21609 016 IND, 00:00-00:00 , , In Person Term Based; Joseph Konstan ; 1-3 cr.
21610 017 IND, 00:00-00:00 , , In Person Term Based; Vipin Kumar ; 1-3 cr.
21611 018 IND, 00:00-00:00 , , In Person Term Based; Rui Kuang ; 1-3 cr.
21612 019 IND, 00:00-00:00 , , In Person Term Based; Gary Meyer ; 1-3 cr.
21613 020 IND, 00:00-00:00 , , In Person Term Based; Gopalan Nadathur ; 1-3 cr.
21614 021 IND, 00:00-00:00 , , In Person Term Based; Mohamed Mokbel ; 1-3 cr.
21615 022 IND, 00:00-00:00 , , In Person Term Based; Nikolaos Papanikolopoulos ; 1-3 cr.
21616 023 IND, 00:00-00:00 , , In Person Term Based; Chad Myers ; 1-3 cr.
21617 024 IND, 00:00-00:00 , , In Person Term Based; Stephen McCamant ; 1-3 cr.
21618 025 IND, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis ; 1-3 cr.
21619 026 IND, 00:00-00:00 , , In Person Term Based; Yousef Saad ; 1-3 cr.
21620 027 IND, 00:00-00:00 , , In Person Term Based; Paul Schraeter ; 1-3 cr.
21621 028 IND, 00:00-00:00 , , In Person Term Based; Hyun Soo Park ; 1-3 cr.
21622 029 IND, 00:00-00:00 , , In Person Term Based; Shashi Shekhar ; 1-3 cr.
21623 030 IND, 00:00-00:00 , , In Person Term Based; F. Favonia ; 1-3 cr.
21624 031 IND, 00:00-00:00 , , In Person Term Based; Jaideep Srivastava ; 1-3 cr.
21625 032 IND, 00:00-00:00 , , In Person Term Based; Kangjie Lu ; 1-3 cr.
21626 033 IND, 00:00-00:00 , , In Person Term Based; Junaed Sattar ; 1-3 cr.
21627 034 IND, 00:00-00:00 , , In Person Term Based; Loren Terveen ; 1-3 cr.
21628 035 IND, 00:00-00:00 , , In Person Term Based; Anand Tripathi ; 1-3 cr.
21629 036 IND, 00:00-00:00 , , In Person Term Based; Eric Van Wyk ; 1-3 cr.
21630 037 IND, 00:00-00:00 , , In Person Term Based; Volkan Isler ; 1-3 cr.
21631 038 IND, 00:00-00:00 , , In Person Term Based; Jon Weissman ; 1-3 cr.
21632 039 IND, 00:00-00:00 , , In Person Term Based; Pen-Chung Yew ; 1-3 cr.
21633 040 IND, 00:00-00:00 , , In Person Term Based; Zhi-Li Zhang ; 1-3 cr.
22005 041 IND, 00:00-00:00 , , In Person Term Based; Abhishek Chandra ; 1-3 cr.
22006 042 IND, 00:00-00:00 , , In Person Term Based; Nick Hopper ; 1-3 cr.
22007 043 IND, 00:00-00:00 , , In Person Term Based; Antonia Zhai ; 1-3 cr.
22458 044 IND, 00:00-00:00 , , In Person Term Based; Daniel Keefe ; 1-3 cr.
23084 045 IND, 00:00-00:00 , , In Person Term Based; Lana Yarosh ; 1-3 cr.
23141 046 IND, 00:00-00:00 , , In Person Term Based; Haiyi Zhu ; 1-3 cr.
23273 047 IND, 00:00-00:00 , , In Person Term Based; Qi Zhao ; 1-3 cr.
23521 048 IND, 00:00-00:00 , , In Person Term Based; Max Harper ; 1-3 cr.
23851 049 IND, 00:00-00:00 , , In Person Term Based; Nathan Taylor ; 1-3 cr.
23925 050 IND, 00:00-00:50 , , In Person Term Based; Mattia Fazzini ; 1-3 cr.

5994 Directed Research

(Student Option; Prereq: instr consent; may be repeated for cr)

21189 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
21634 002 IND, 00:00-00:00 , , In Person Term Based; Daniel Boley ; 1-3 cr.
21635 003 IND, 00:00-00:00 , , In Person Term Based; James Parker ; 1-3 cr.
21636 004 IND, 00:00-00:00 , , In Person Term Based; Arindam Banerjee ; 1-3 cr.
21637 005 IND, 00:00-00:00 , , In Person Term Based; Feng Qian ; 1-3 cr.

21638 006 IND, 00:00-00:00 , , In Person Term Based;

Mattia Fazzini ; 1-3 cr.
21639 007 IND, 00:00-00:00 , , In Person Term Based; David Du ; 1-3 cr.
21640 008 IND, 00:00-00:00 , , In Person Term Based; Tian He ; 1-3 cr.
21641 009 IND, 00:00-00:00 , , In Person Term Based; Maria Gini ; 1-3 cr.
21642 010 IND, 00:00-00:00 , , In Person Term Based; Mats Heimdahl ; 1-3 cr.
21643 011 IND, 00:00-00:00 , , In Person Term Based; Stephen Guy ; 1-3 cr.
21644 012 IND, 00:00-00:00 , , In Person Term Based; Victoria Interrante ; 1-3 cr.
21645 013 IND, 00:00-00:00 , , In Person Term Based; Ravi Janardan ; 1-3 cr.
21646 014 IND, 00:00-00:00 , , In Person Term Based; George Karypis ; 1-3 cr.
21647 015 IND, 00:00-00:00 , , In Person Term Based; Dan Knights ; 1-3 cr.
21648 016 IND, 00:00-00:00 , , In Person Term Based; Joseph Konstan ; 1-3 cr.
21649 017 IND, 00:00-00:00 , , In Person Term Based; Vipin Kumar ; 1-3 cr.
21650 018 IND, 00:00-00:00 , , In Person Term Based; Rui Kuang ; 1-3 cr.
21651 019 IND, 00:00-00:00 , , In Person Term Based; Gary Meyer ; 1-3 cr.
21652 020 IND, 00:00-00:00 , , In Person Term Based; Gopalan Nadathur ; 1-3 cr.
21653 021 IND, 00:00-00:00 , , In Person Term Based; Mohamed Mokbel ; 1-3 cr.
21654 022 IND, 00:00-00:00 , , In Person Term Based; Nikolaos Papanikolopoulos ; 1-3 cr.
21655 023 IND, 00:00-00:00 , , In Person Term Based; Chad Myers ; 1-3 cr.
21656 024 IND, 00:00-00:00 , , In Person Term Based; Stephen McCamant ; 1-3 cr.
21657 025 IND, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis ; 1-3 cr.
21658 026 IND, 00:00-00:00 , , In Person Term Based; Yousef Saad ; 1-3 cr.
21659 027 IND, 00:00-00:00 , , In Person Term Based; Paul Schraeter ; 1-3 cr.
21660 028 IND, 00:00-00:00 , , In Person Term Based; Hyun Soo Park ; 1-3 cr.
21661 029 IND, 00:00-00:00 , , In Person Term Based; Shashi Shekhar ; 1-3 cr.
21662 030 IND, 00:00-00:00 , , In Person Term Based; Rahul Narain ; 1-3 cr.
21663 031 IND, 00:00-00:00 , , In Person Term Based; Jaideep Srivastava ; 1-3 cr.
21664 032 IND, 00:00-00:00 , , In Person Term Based; Kangjie Lu ; 1-3 cr.
21665 033 IND, 00:00-00:00 , , In Person Term Based; Junaed Sattar ; 1-3 cr.
21666 034 IND, 00:00-00:00 , , In Person Term Based; Loren Terveen ; 1-3 cr.
21667 035 IND, 00:00-00:00 , , In Person Term Based; Anand Tripathi ; 1-3 cr.
21668 036 IND, 00:00-00:00 , , In Person Term Based; Eric Van Wyk ; 1-3 cr.
21669 037 IND, 00:00-00:00 , , In Person Term Based; Volkan Isler ; 1-3 cr.
21670 038 IND, 00:00-00:00 , , In Person Term Based; Jon Weissman ; 1-3 cr.
21671 039 IND, 00:00-00:00 , , In Person Term Based; Pen-Chung Yew ; 1-3 cr.
21672 040 IND, 00:00-00:00 , , In Person Term Based; Zhi-Li Zhang ; 1-3 cr.
22008 041 IND, 00:00-00:00 , , In Person Term Based; Abhishek Chandra ; 1-3 cr.
22009 042 IND, 00:00-00:00 , , In Person Term Based; Nick Hopper ; 1-3 cr.
22010 043 IND, 00:00-00:00 , , In Person Term Based; Antonia Zhai ; 1-3 cr.
22459 044 IND, 00:00-00:00 , , In Person Term Based; Daniel Keefe ; 1-3 cr.
23085 045 IND, 00:00-00:00 , , In Person Term Based; Lana Yarosh ; 1-3 cr.
23142 046 IND, 00:00-00:00 , , In Person Term Based; Haiyi Zhu ; 1-3 cr.
23274 047 IND, In Person Term Based; Qi Zhao ; 1-3 cr.
23929 048 IND, 00:00-00:00 , , In Person Term Based; Ju Sun ; 1-3 cr.

5996 Curricular Practical Training

(S-N or Audit; Prereq: [CSci or Compe] major, instr consent)

21265 001 FWK, 00:00-00:00 , , In Person Term Based; Joseph Niesznar ; 1 cr.
21673 002 FWK, 00:00-00:00 , , In Person Term Based; Daniel Boley ; 1 cr.
21674 003 FWK, 00:00-00:00 , , In Person Term Based; 1 cr.
21675 004 FWK, 00:00-00:00 , , In Person Term Based; Arindam Banerjee ; 1 cr.

21676 005 FWK, 00:00-00:00 , , In Person Term Based; 1 cr.
 21677 006 FWK, 00:00-00:00 , , In Person Term Based; Chris Dovolis ; 1 cr.
 21678 007 FWK, 00:00-00:00 , , In Person Term Based; David Du ; 1 cr.
 21679 008 FWK, 00:00-00:00 , , In Person Term Based; Tian He ; 1 cr.
 21680 009 FWK, 00:00-00:00 , , In Person Term Based; Maria Gini ; 1 cr.
 21681 010 FWK, 00:00-00:00 , , In Person Term Based; Mats Heimdahl, Michael Whalen ; 1 cr.
 21682 011 FWK, 00:00-00:00 , , In Person Term Based; Stephen Guy ; 1 cr.
 21683 012 FWK, 00:00-00:00 , , In Person Term Based; Victoria Interrante ; 1 cr.
 21684 013 FWK, 00:00-00:00 , , In Person Term Based; Ravi Janardan ; 1 cr.
 21685 014 FWK, 00:00-00:00 , , In Person Term Based; George Karypis ; 1 cr.
 21686 015 FWK, 00:00-00:00 , , In Person Term Based; Dan Knights ; 1 cr.
 21687 016 FWK, 00:00-00:00 , , In Person Term Based; Joseph Konstan ; 1 cr.
 21688 017 FWK, 00:00-00:00 , , In Person Term Based; Vipin Kumar ; 1 cr.
 21689 018 FWK, 00:00-00:00 , , In Person Term Based; Rui Kuang ; 1 cr.
 21690 019 FWK, 00:00-00:00 , , In Person Term Based; Gary Meyer ; 1 cr.
 21691 020 FWK, 00:00-00:00 , , In Person Term Based; Gopalan Nadathur ; 1 cr.
 21692 021 FWK, 00:00-00:00 , , In Person Term Based; Mohamed Mokbel ; 1 cr.
 21693 022 FWK, 00:00-00:00 , , In Person Term Based; Nikolaos Papanikolopoulos ; 1 cr.
 21694 023 FWK, 00:00-00:00 , , In Person Term Based; Chad Myers ; 1 cr.
 21695 024 FWK, 00:00-00:00 , , In Person Term Based; Stephen McCamant ; 1 cr.
 21696 025 FWK, 00:00-00:00 , , In Person Term Based; Stergios Roumeliotis ; 1 cr.
 21697 026 FWK, 00:00-00:00 , , In Person Term Based; Yousef Saad ; 1 cr.
 21698 027 FWK, 00:00-00:00 , , In Person Term Based; Paul Schrater ; 1 cr.
 21699 028 FWK, 00:00-00:00 , , In Person Term Based; Hyun Soo Park ; 1 cr.
 21700 029 FWK, 00:00-00:00 , , In Person Term Based; Shashi Shekhar ; 1 cr.
 21701 030 FWK, 00:00-00:00 , , In Person Term Based; Rahul Narain ; 1 cr.
 21702 031 FWK, 00:00-00:00 , , In Person Term Based; Jaideep Srivastava ; 1 cr.
 21703 032 FWK, 00:00-00:00 , , In Person Term Based; Kangjie Lu ; 1 cr.
 21704 033 FWK, 00:00-00:00 , , In Person Term Based; Junaed Sattar ; 1 cr.
 21705 034 FWK, 00:00-00:00 , , In Person Term Based; Loren Terveen ; 1 cr.
 21706 035 FWK, 00:00-00:00 , , In Person Term Based; Anand Tripathi ; 1 cr.
 21707 036 FWK, 00:00-00:00 , , In Person Term Based; Eric Van Wyk ; 1 cr.
 21708 037 FWK, 00:00-00:00 , , In Person Term Based; Volkan Isler ; 1 cr.
 21709 038 FWK, 00:00-00:00 , , In Person Term Based; Jon Weissman ; 1 cr.
 21710 039 FWK, 00:00-00:00 , , In Person Term Based; Pen-Chung Yew ; 1 cr.
 21711 040 FWK, 00:00-00:00 , , In Person Term Based; Zhi-Li Zhang ; 1 cr.
 22011 041 FWK, 00:00-00:00 , , In Person Term Based; Abhishek Chandra ; 1 cr.
 22012 042 FWK, 00:00-00:00 , , In Person Term Based; Nick Hopper ; 1 cr.
 22013 043 FWK, 00:00-00:00 , , In Person Term Based; Antonia Zhai ; 1 cr.
 22460 044 FWK, 00:00-00:00 , , In Person Term Based; Daniel Keefe ; 1 cr.
 23086 045 FWK, 00:00-00:00 , , In Person Term Based; Lana Yarosh ; 1 cr.
 23143 046 FWK, 00:00-00:00 , , In Person Term Based; Haiyi Zhu ; 1 cr.
 23275 047 FWK, In Person Term Based; Qi Zhao ; 1 cr.

5997 Curricular Practical Training

Extension

(S-N only; Prereq: [CSci or CompE] major, instr consent)

23701 001 FWK, 00:00-12:00 , , In Person Term Based; Joseph Nieszner ; 1 cr.
 23702 002 FWK, 00:00-12:00 , , In Person Term Based; Chris Dovolis ; 1 cr.

Construction Management (CMGT)

3001W Introduction to Construction

(Student Option; WI)

26543 101 LEC, 18:00-20:45 M, ONLINE BLENDED, 18:00-20:45 M, Nicholson Hall 155, Partially Online; William Bartolic III ; 3 cr.

26634 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Stephen Hauser ; 3 cr.

3011 Construction Plan Reading

(Student Option;)

26555 301 LEC, Completely Online; Heather Kossila ; 2 cr.

3024W Facility Programming and Design

(A-F or Audit; Prerequisites, but it is recommended that students have completed at least one of the following: 1. CMgt 3011 (Construction Plan Reading) or CMgt 3001/3001W (Introduction to Construction) taken before or simultaneously with this course; 2. completion of a first or second year architecture or interior design studio; 3. relevant prior experience in the facility management industry; 4. approval of the instructor. WI)

33220 301 LEC, Completely Online; Justine Pliska ; 2 cr.

4000 The Construction Industry through Time and Tomorrow

(A-F or Audit;)

31095 301 LEC, Completely Online; Brian Bowen ; 2 cr.

4003 Managing with Building Information Modeling

(A-F or Audit; Prereqs: None. However, if you have no prior experience with construction, we recommend CMgt 3001 - Intro to Construction and CMgt 4021 - Construction Planning and Scheduling for knowledge of industry project delivery. Basic computer skills are required.)

33839 001 LEC, 18:00-21:35 T, Twin Cities Remote, Completely Online; Heather Kossila ; 2 cr.

4011 Construction Documents and Contracts

(Student Option; Prereq: 3001, 45 sem cr)

26554 001 LEC, 18:00-20:45 M, Twin Cities Remote, Completely Online; Bradley Creager ; 3 cr.

4021 Construction Planning and Scheduling

(Student Option; Prereq: 3001, 3011, 45 sem cr)

26535 001 LEC, 18:00-20:45 Th, Fraser Hall 102, In Person Term Based; David Galetka, Kenneth Styrland ; 3 cr.

4022 Construction Estimating

(Student Option; Prereq: 3001, 3011, 45 sem cr)

26556 301 LEC, Completely Online; Benjamin Bowman ; 3 cr.

4031 Construction Safety and Loss Control

(Student Option; Prereq: 3001, 45 sem cr)

26538 001 LEC, 18:00-20:45 W, Fraser Hall 102, In Person Term Based; Ethan Laubach ; 3 cr.

4073 Building Codes for Construction Managers

(Student Option; Prereq: 45 cr or instr consent)

26661 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Scott Holm ; 1 cr.

4193 Directed Study

(Student Option; Prereq: Admitted to CMgt major or minor or certificate)

26542 401 IND, Independent/Directed Study; 1-4 cr.

26563 402 IND, 00:00-00:00 , No Room Required, Independent/Directed Study; 1-4 cr.

26564 403 IND, 00:00-00:00 , No Room Required, Independent/Directed Study; 1-4 cr.

4196 Construction Management Internship

(S-N only; Prereq: [[CMgt] major or minor or certificate student], [jr or sr], dept consent)

26642 401 FWK, Independent/Directed Study; A Hilger, AIA ; 1 cr.

4201 Construction Accounting

(A-F or Audit; Prereq: 3001, Acct 2050, ABus 4101)

26656 301 LEC, Completely Online; Dwight Elthon ; 2 cr.

4471 Sustainability for Construction Managers

(A-F or Audit;)

26707 301 LEC, Completely Online; Debra Becker ; 2 cr.

4544 Materials and Structures I

(A-F or Audit;)

26711 001 LEC, 18:00-21:35 Th, Keller Hall 3-230, In Person Term Based; Cullen O'Neill ; 4 cr.

35685 002 LEC, 18:00-21:35 Th, Twin Cities Remote, Completely Online; Cullen O'Neill ; 4 cr.

4562 Building Envelope Design and Construction

(A-F or Audit; Prereq: None, but 4542 or 4572 or professional experience recommended)

26633 301 LEC, Completely Online; Jack Rasmussen ; 2 cr.

Ctr for Spirituality/Healing (CSPH)

1000 Topics in Whole Life Wellbeing

(Student Option;)

34782 001 LEC, Completely Online; Jenzi Silverman ; 1-4 cr.

1001 Principles of Holistic Health and Healing

(Student Option;)

25569 001 LEC, Completely Online; Louise Delagran, Linda Hanson, Maureen Anderson ; 2 cr.

1101 Self, Society, and Environment: An Integral Systems Approach to Personal Wellbeing and Engagement

(Student Option;)

25601 001 LEC, 16:10-18:00 W, Twin Cities Remote, 16:10-18:00 W, Twin Cities Remote, 16:10-18:00 W, Twin Cities Remote, Completely Online; John Miller, Sara Nystuen ; 3 cr.

3001 Introduction to Integrative Healing

(Student Option; Prereq: 60 credits or instr consent)

25583 001 LEC, Completely Online; Roni Evans ; 3 cr.

3101 Creating Ecosystems of Well-Being

(Student Option;)

25579 001 LEC, Completely Online; Kate Hathaway ; 2 cr.

3201 Introduction to Mindfulness-Based Stress Reduction

(Student Option;)

25571 001 LEC, 12:20-14:15 M, Twin Cities Remote, Completely Online; Douglas Kennedy, Alex Haley ; 2 cr.

25575 002 LEC, 09:05-11:00 T, Twin Cities Remote, Completely Online; Douglas Kennedy, Alex Haley ; 2 cr.

25589 003 LEC, 09:05-11:00 W, Twin Cities Remote, Completely Online; Alex Haley, Douglas Kennedy ; 2 cr.

3211 Living on Purpose: An Exploration of Self, Purpose, and Community

(Student Option; Prereq: 30+ credits completed or instr consent)

25609 001 LEC, 12:30-16:30 F, Twin Cities Remote, 12:30-16:30 F, Twin Cities Remote, 12:30-16:30 F, Twin Cities Remote, Completely Online; Megan Seltz, Greg Sawyer ; 2 cr.

3301 Food Choices: Healing the Earth, Healing Ourselves

(Student Option;)

25605 001 LEC, Completely Online; Jennifer Breen ; 3 cr.

4311 Foundations of Hatha Yoga:

Alignment & Movement Principles

(Student Option; Prereq: [Prerequisite PStL 1135 Essentials of Human Anatomy and Physiology or equivalent], instr consent (prerequisite course may be taken concurrently))

25586 001 LEC, 09:30-13:30 Sa, Twin Cities Remote, 09:30-13:30 Sa, Twin Cities Remote, 09:30-13:30 Sa, Twin Cities Remote, 09:30-13:30 Sa, Twin Cities Remote, 09:30-13:30 Sa, Twin Cities Remote, Completely Online; Katie Schuver ; 3 cr.

25587 002 LAB, 13:30-19:30 Sa, Twin Cities Remote, 13:30-19:30 Sa, Twin Cities Remote, 13:30-19:30 Sa, Twin Cities Remote, 13:30-19:30 Sa, Twin Cities Remote, 13:30-19:30 Sa, Twin Cities Remote, Completely Online; Katie Schuver ; 3 cr.

4312 Hatha Yoga Philosophy, Lifestyle, & Ethics

(Student Option; Prereq: 4311)

25590 001 LAB, 09:30-13:30 Su, Twin Cities Remote, 09:30-13:30 Su, Twin Cities Remote, 09:30-13:30 Su, Twin Cities Remote, 09:30-13:30 Su, Twin Cities Remote, 09:30-13:30 Su, Twin Cities Remote, Completely Online; Katie Schuver ; 3 cr.

25591 002 LEC, 13:30-19:30 Su, Twin Cities Remote, 13:30-19:30 Su, Twin Cities Remote, 13:30-19:30 Su, Twin Cities Remote, 13:30-19:30 Su, Twin Cities Remote, 13:30-19:30 Su, Twin Cities Remote, Completely Online; Katie Schuver ; 3 cr.

4313 Hatha Yoga Teaching Principles & Methodology

(Student Option; Prerequisite two Hatha Yoga courses. Practice skills through participation in Service Learning. Third course in sequence of three (3) courses in University of Minnesota Yoga Teachers' Education & Training Sequence. prereq: 4311, 4312)

25890 001 LEC, Completely Online; 2 cr.

25891 002 LAB, 14:30-17:30 F, Twin Cities Remote, Completely Online; Katie Schuver ; 2 cr.

5101 Introduction to Integrative Healing Practices

(Student Option; Prereq: Jr or sr or grad student; or instructor consent)

25566 001 LEC, Completely Online; Robin Austin ; 3 cr.

25578 002 LEC, Completely Online; Teri Verner ; 3 cr.

5111 Ways of Thinking about Health

(S-N or Audit; Prereq: [Jr, Sr, or grad student standing], instr consent)

25567 001 LEC, 14:30-16:10 W, Twin Cities Remote, 14:30-16:10 W, Twin Cities Remote, 14:30-16:10 W, Twin Cities Remote, 14:30-16:10 W, Twin Cities Remote, 14:30-16:10 W, Twin Cities Remote, 14:30-16:10 W, Twin Cities Remote, Completely Online; Craig Hassel ; 2 cr.

5118 Whole Person, Whole Community: The Reciprocity of Wellbeing

(Student Option No Audit;)

25606 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)

33010 001 LEC, 17:30-20:00 T, Twin Cities Remote, 17:30-20:00 T, Twin Cities Remote, 17:30-20:00 T, Twin Cities Remote, Completely Online; John Miller ; 2 cr.

5215 Forgiveness and Healing: A Journey Toward Wholeness

(Student Option; Prereq: Jr or sr or grad student or instr consent)

25877 001 LEC, 18:00-21:00 F, Twin Cities Remote, 09:00-16:00 Sa, Twin Cities Remote, 09:00-16:00 Sa, Twin Cities Remote, 09:00-16:00 Sa, Twin Cities Remote, Completely Online; Mark Umbreit ; 3 cr.

5225 Meditation: Integrating Body and Mind

(Student Option; Prereq: Jr or sr or grad student or instr consent)

25568 001 LEC, 13:45-16:25 T, Twin Cities Remote, Completely Online; Douglas Kennedy ; 2 cr.

5226 Advanced Meditation: Body, Brain, Mind, and Universe

(Student Option; Prereq: [5225, [jr or sr or grad student]] or instr consent)

25576 001 LEC, Completely Online; Alex Haley ; 1 cr.

34432 002 LEC, Completely Online; Mary Jo Kreitzer ; 1 cr.

5303 Pain Management and Evidence Based Complementary Health Approaches

(A-F only; Prerequisite: Graduate or Professional program student.)

25892 001 LEC, Completely Online; Roni Evans, Gert Bronfort ; 3 cr.

5313 Acupressure

(Student Option;)

25893 001 LEC, Completely Online; Megan Voss ; 1 cr.

5315 Traditional Tibetan Medicine: Ethics, Spirituality, and Healing

(Student Option; Prereq: Jr or sr or grad student or instr consent)

25584 001 LEC, Completely Online; Miriam Cameron, Tenzin Namdul ; 2 cr.

5317 Yoga: Ethics, Spirituality, and Healing

(Student Option;)

25592 001 LEC, Completely Online; Katie Schuver ; 2 cr.

5343 Ayurveda Medicine: The Science of Self-healing

(Student Option;)

25582 001 LEC, Completely Online; Asavari Manvikar ; 2 cr.

5421 Botanical Medicines in Integrative Healthcare

(Student Option; Prereq: Jr or sr or grad student or instr consent)

25585 001 LEC, Completely Online; Amy Taylor ; 3 cr.

5423 Botanical Medicines: Foundations and Practical Applications

(Student Option;)

33012 001 LEC, 08:30-17:00 SaSu, Mayo Bldg B393 Meditation Rm, In Person Term Based; Carolyn Porta, Lise Wolff ; 1 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)

25588 001 LEC, Completely Online; Andrew Litchy ; 2 cr.

5503 Aromatherapy Fundamentals

(Student Option; Prereq: Jr or sr or grad student)

25598 001 LEC, Completely Online; Janet Tomaino ; 1 cr.

5521 Therapeutic Landscapes

(Student Option; Prereq: [Jr or sr or grad student] in [health sciences or therapeutic recreation or horticulture or landscape architecture] or health professional or instr consent)

31614 001 LEC, Completely Online; Jean Larson ; 3 cr.

5535 Reiki Healing

(S-N only; Prereq: Jr or sr or grad student or instr consent)

25603 001 LEC, 09:00-17:00 Sa, Twin Cities Remote, 09:00-17:00 Sa, Twin Cities Remote, Completely Online; Deborah Ringdahl ; 1 cr.

25610 002 LEC, 09:00-17:00 Sa, Twin Cities Remote, 09:00-17:00 Sa, Twin Cities Remote, Completely Online; Deborah Ringdahl ; 1 cr.

5541 Emotional Healing and Happiness: Eastern and Western Approaches to Transforming the Mind

(Student Option; Prereq: Sr or grad student or instr consent)

25611 001 LEC, 12:30-15:30 W, Twin Cities Remote, 09:00-17:00 Sa, Twin Cities Remote, Completely Online; Merrra Young ; 2 cr.

5642 Nature Heals: An Introduction to Nature-Based Therapeutics

(Student Option;)

25596 001 LEC, Completely Online; Jean Larson ; 3 cr.

5701 Fundamentals of Health Coaching I

(A-F only; Prereq: admitted to Integrative Health and Wellbeing Coaching MA program; or, Integrative Therapies and Healing Practices Certificate-Health Coaching track; or, instr consent.)

25570 001 LEC, 08:00-17:00 ThFSa, Twin Cities Remote, 08:00-17:00 ThFSa, Twin Cities Remote, Completely Online; Karen Lawson, Theresa Nutt ; 4 cr.

5703 Advanced Health Coaching Practicum

(A-F only; Prereq: 5101, 5701, 5702, admitted to Integrative Health and Wellbeing Coaching MA; or, Integrative Therapies and Healing Practices Certificate-Health Coaching track.)

25572 001 LEC, 09:00-17:00 SaSu, Twin Cities Remote, 18:00-21:00 M, Twin Cities Remote, 18:00-21:00 M, Twin Cities Remote, 18:00-21:00 M, Twin Cities Remote, 09:00-17:00 SaSu, Twin Cities Remote, Completely Online; Theresa Nutt, Erin Erickson ; 3 cr.

5704 Business of Health Coaching

(A-F only; Prereq: 5101, 5701, 5702, admitted to Integrative Health and Wellbeing Coaching MA; or, Integrative Therapies and Healing Practices Certificate-Health Coaching track; or instr consent.)

25573 001 LEC, 08:00-17:00 F, Twin Cities Remote, 08:00-17:00 F, Twin Cities Remote, Completely Online; Theresa Nutt, Michele Rae ; 2 cr.

5706 Lifestyle Medicine

(Student Option; Prereq: basic course in Biology or Human Physiology.)

25593 001 LEC, Completely Online; Andrew Litchy ; 2 cr.

5711 Optimal Healing Environments

(Student Option; Prereq: Jr or sr or grad student or instr consent)

25574 001 LEC, 13:30-17:30 M, Twin Cities Remote, Completely Online; Theresa Zborowsky ; 3 cr.

5805 Wellbeing in the Workplace

(Student Option No Audit;)

25594 001 LEC, Completely Online; Brandon Sullivan ; 3 cr.

5806 Wellbeing and Resiliency for Health Professionals

(Student Option;)

25595 001 LEC, Completely Online; Kate Hathaway ; 1 cr.

5807 Mindfulness in the Workplace: Pause, Practice, Perform

(Student Option;)

25600 001 LEC, Completely Online; Alex Haley ; 2 cr.

5905 Food Matters: Cook Like Your Life Depends On It

(Student Option;)

25602 001 LEC, 16:00-19:00 F, AHC ROOM TBA, 09:00-17:00 SaSu, AHC ROOM TBA, Partially Online; Kate Shafto, Jennifer Breen ; 1 cr.

Cultural Study/Comparative Lit (CSCL)

1001W Introduction to Cultural Studies: Rhetoric, Power, Desire

(Student Option; AH,WI,DSJ)

13568 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Matthew Hadley ; 3 cr.

1101W Literature

(Student Option; LITR,WI)

13930 001 LEC, 12:45-14:00 TTh, Twin Cities Remote, Completely Online; Shaden Tageldin ; 3 cr.

1201V Honors Course: Cinema

(Student Option; AH,WI)

33482 001 LEC, 09:05-12:05 F, Twin Cities Remote, Completely Online; Meets With: 001 SCMC 1201W001 CSCL 1201W001 SCMC 1201V; Michelle Lekas ; 4 cr.

33483 002 DIS, 13:00-14:15 M, Twin Cities Remote, Completely Online; Meets With: 002 SCMC 1201V; Michelle Lekas ; 4 cr.

1201W Cinema

(Student Option; AH,WI)

16417 001 LEC, 09:05-12:05 F, Twin Cities Remote, Completely Online; Meets With: 001 SCMC 1201W001 CSCL 1201W001 SCMC 1201V; Michelle Lekas ; 4 cr.

16482 002 DIS, 09:05-09:55 T, Twin Cities Remote, Completely Online; Meets With: 002 SCMC 1201W; Zosha Winegar-Schultz ; 4 cr.

16483 003 DIS, 10:10-11:00 T, Twin Cities Remote, Completely Online; Meets With: 003 SCMC 1201W; Zosha Winegar-Schultz ; 4 cr.

16484 004 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; Meets With: 004 SCMC 1201W; 4 cr.

16485 005 DIS, 10:10-11:00 W, Twin Cities Remote, Completely Online; Meets With: 005 SCMC 1201W; Daniel Aufmann ; 4 cr.

16655 006 DIS, 11:15-12:05 W, Twin Cities Remote, Completely Online; Meets With: 006 SCMC 1201W; Daniel Aufmann ; 4 cr.

1202W Media: Word, Image, Sound

(Student Option; AH,WI,TS)

16464 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Meets With: 001 SCMC 1202W; Matthew Henseler ; 4 cr.

16465 003 DIS, 10:10-11:00 M, Twin Cities Remote, Completely Online; Meets With: 003 SCMC 1202W; Paulomi Sharma ; 4 cr.

16466 004 DIS, 09:05-09:55 F, Twin Cities Remote, Completely Online; Meets With: 004 SCMC 1202W; Clare Harmon ; 4 cr.

16656 002 DIS, 09:05-09:55 M, Twin Cities Remote, Completely Online; Meets With: 002 SCMC 1202W; Paulomi Sharma ; 4 cr.

16657 005 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; Meets With: 005 SCMC 1202W; Clare Harmon ; 4 cr.
 17777 006 DIS, 09:05-09:55 W, Twin Cities Remote, Completely Online; Meets With: 006 SCMC 1202W; Ansel Arnold ; 4 cr.
 33480 007 DIS, 10:10-11:00 W, Twin Cities Remote, Completely Online; Meets With: 007 SCMC 1202W; Ansel Arnold ; 4 cr.

1301W Reading Culture: Theory and Practice

(Student Option; AH,WI)
 16031 001 LEC, 08:15-09:30 MW, Twin Cities Remote, Completely Online; Alya Ansari ; 3 cr.
 16032 002 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Mitchell Hernandez ; 3 cr.
 16033 003 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Kyle Baasch ; 3 cr.

1401W Reading Literature: Theory and Practice

(Student Option; LITR,WI)
 15482 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Christian Uwe ; 3 cr.
 15483 002 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Alexandra Leong ; 3 cr.
 15484 003 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Heidar Azodanloo ; 3 cr.
 16039 004 LEC, 18:20-20:50 W, Twin Cities Remote, Completely Online; Nikolina Lazetic ; 3 cr.
 16873 005 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Adam Lewis ; 3 cr.

1501W Reading History: Theory and Practice

(Student Option; HIS,WI)
 14160 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Harshit Rathi ; 3 cr.
 15552 002 LEC, 11:15-12:30 MW, Nicholson Hall 155, In Person Term Based; Mikkel Vad ; 3 cr.

1915 Representation in the Time of Pandemics: Culture and Politics from AIDS to COVID-19.

(A-F only;)
 34840 001 DIS, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Cesare Casarino ; 3 cr.

3130W Colonial and Postcolonial Literatures and Theory: 1700 to the Present

(Student Option; GP,WI,LITR)
 17779 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Courtney Gildersleeve ; 3 cr.

3141 Classics of World Literature

(A-F only; LITR)
 18090 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Christian Uwe ; 3 cr.

3211 Global & Transnational Cinemas

(Student Option; GP)
 16874 001 LEC, 09:45-12:45 Th, Twin Cities Remote, 09:45-11:00 T, Twin Cities Remote, Completely Online; Meets With: 001 SCMC 3211; Keya Ganguly ; 4 cr.

3220W Screen Cultures

(Student Option; AH,WI,TS)
 33485 001 LEC, 09:45-12:15 F, Twin Cities Remote, Completely Online; Meets With: 001 SCMC 3220W; Eva Hudecova ; 3 cr.

3221 On Television

(Student Option; CIV)
 17944 001 LEC, Completely Online; Meets With: 001 SCMC 3221; Eva Hudecova ; 3 cr.

3231 Comedy: Media, Politics & Society

(Student Option; AH)
 17783 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Margaret Hennefeld ; 3 cr.

3251 Popular Music and Mass Culture

(Student Option; AH)
 16986 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Matthew Henseler ; 3 cr.

3322 Visions of Nature: The Natural World and Political Thought

(Student Option; ENV)
 34617 001 LEC, 16:00-17:15 MW, Twin Cities Remote, Completely Online; Tony C. Brown ; 3 cr.

3334 Monsters, Robots, Cyborgs

(Student Option; LITR)
 14509 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Matthew Hadley ; 3 cr.

3335 Aliens: Science Fiction to Social Theory

(Student Option; DSJ)
 16042 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Matthew Hadley ; 3 cr.

3350W Sexuality and Culture

(Student Option; DSJ,WI)
 17887 001 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Michelle Lekas ; 3 cr.

3352W Queer Aesthetics & Queer Critique

(Student Option; DSJ,WI,LITR)
 33486 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Eva Hudecova ; 3 cr.

3405 Marx for Today

(Student Option; AH,DSJ)
 17786 001 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Sumanth Gopinath ; 3 cr.

3412W Psychoanalysis

(Student Option; WI)
 17784 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Michelle Lekas ; 3 cr.

3896 Internship for Academic Credit

(Student Option;)
 17908 001 FWK, In Person Term Based; Graeme Stout ; 1-4 cr.

3993 Directed Study

(Student Option; Prereq-instr consent, dept consent, college consent.)
 14560 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
 16388 010 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
 17149 012 IND, In Person Term Based; Michelle Lekas ; 1-3 cr.
 17150 013 IND, In Person Term Based; Meredith Gill ; 1-3 cr.
 17290 014 IND, In Person Term Based; Eva Hudecova ; 1-3 cr.
 17308 015 IND, In Person Term Based; Eva Hudecova ; 1-3 cr.

4993 Directed Study

(A-F or Audit;)
 15065 002 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.
 15872 001 IND, 00:00-00:00 , , In Person Term Based; Eva Hudecova ; 1-3 cr.
 16307 003 IND, 00:00-00:00 , , In Person Term Based; Michelle Lekas ; 1-3 cr.
 16827 005 IND, In Person Term Based; 1-3 cr.
 16830 007 IND, In Person Term Based; ; 1-3 cr.

5910 Topics in Cultural Studies and Comparative Literature

(Student Option;)
 34089 002 DIS, 14:30-17:00 W, Twin Cities Remote, Completely Online; Shaden Tageldin ; 3 cr.
 34856 003 DIS, 14:30-17:00 Th, Twin Cities Remote, Completely Online; Margaret Hennefeld ; 3 cr.

5993 Directed Study

(Student Option; Prereq-instr consent, dept consent, college consent.)
 13941 001 IND, 00:00-00:00 , , In Person Term Based; Alice Lovejoy ; 1-3 cr.
 16576 014 IND, 00:00-00:00 , , In Person Term Based; James Snapko ; 1-3 cr.
 17434 015 IND, In Person Term Based; Matthew Hadley ; 1-3 cr.
 18278 016 IND, In Person Term Based; Laurie Ouellette ; 1-3 cr.

Curriculum and Instruction (CI)

1001 Introduction to the Elementary School

(A-F or Audit;)
 12058 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Insil Jeon ; 3 cr.
 12097 002 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Meghan Phadke ; 3 cr.
 12443 003 LEC, 12:45-14:00 TTh, Twin Cities Remote, Completely Online; Megan Deutschman ; 3 cr.

1032 Creating Identities: Learning In and Through the Arts

(Student Option; AH)
 13041 001 LAB, 09:05-11:00 MW, Appleby Hall 201, In Person Term Based; Betsy Maloney Leaf ; 4 cr.
 13043 002 LAB, 13:25-15:20 MW, Appleby Hall 201, In Person Term Based; Danielle Christensen ; 4 cr.
 13044 003 LAB, 11:15-13:10 WF, Appleby Hall 201, In Person Term Based; Amanda Brown ; 4 cr.
 13045 004 LAB, 11:15-13:10 TTh, Twin Cities Remote, Completely Online; Rae Charles Harge ; 4 cr.
 13432 005 LAB, 13:25-15:20 TTh, Appleby Hall 201, In Person Term Based; Linda Buturian ; 4 cr.

1121 Educational Movements Past and Present: Multicultural Perspectives

(Student Option; DSJ,HIS)
 13000 002 LEC, 13:25-15:20 MW, Twin Cities Remote, Completely Online; Micah Laz Davis ; 4 cr.
 13221 001 LEC, 09:05-11:00 MW, Twin Cities Remote, Completely Online; Robert Poch ; 4 cr.
 13456 003 LEC, 12:20-14:15 TTh, Twin Cities Remote, Completely Online; Robert Poch ; 4 cr.

1124 Global Stories of Education: Literature for Young Adults

(Student Option; GP,LITR)
 13047 001 DIS, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Kirsten Hunt ; 3 cr.
 13048 002 DIS, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Denise Huynh ; 3 cr.
 13049 003 DIS, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Elise Toedt ; 3 cr.
 13080 004 DIS, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Elise Toedt ; 3 cr.
 13164 005 DIS, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Linda Buturian ; 3 cr.
 13187 006 DIS, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Sean Golden ; 3 cr.

1512 Nature in the City

(Student Option; BIOL,ENV)
 13091 001 LAB, 12:20-16:10 MW, Twin Cities Remote, Completely Online; Jay Hatch ; 4 cr.
 13092 002 LAB, 12:20-16:10 TTh, Twin Cities Remote, Completely Online; Jay Hatch ; 4 cr.

1563 Physics by Inquiry

(Student Option; PHYS)
 13086 001 LAB, 14:30-16:25 MW, Twin Cities Remote, Completely Online; Bhaskar Upadhyay ; 4 cr.
 13188 002 LAB, 16:40-20:15 M, Bruininks Hall 412, In Person Term Based; Travis Churchward ; 4 cr.

1806 College Algebra through Modeling

(Student Option; Prereq: Three yrs high school math or grade of at least C+ in PsTL 0731 or PsTL 0732 or CI 0832 or placement test score or instr consentMATH)
 13008 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Bismark Akoto ; 3 cr.
 13010 002 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Bismark Akoto ; 3 cr.
 13011 003 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; 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)
 13194 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Susan Staats ; 3 cr.

1871 Computer Literacy and Problem Solving

(Student Option;)
 13013 001 LAB, Completely Online; Meets With: 001 CI 832; Douglas Robertson ; 4 cr.
 13014 002 LAB, Completely Online; Meets With: 002 CI 832; Douglas Robertson ; 4 cr.
 13015 003 LAB, Completely Online; Meets With: 003 CI 832; Douglas Robertson ; 4 cr.
 13042 004 LAB, Completely Online; Douglas Robertson ; 4 cr.

1908W Children and Other Talking Animals: Animal Tales in (Mostly) Children's Literature

(Student Option; CIV,WI)
 33461 001 LEC, 09:45-11:00 TTh, ONLINE BLENDED, 09:45-11:00 TTh, Peik Hall 28, Partially Online; Marek Oziewicz ; 3 cr.

2311W Introduction to Technology and Ethics in Society

(Student Option; CIV,WI)
12610 001 LEC, Completely Online; Matti Koivula ; 3 cr.
12611 002 LEC, Completely Online; Matti Koivula ; 3 cr.
35478 003 LEC, Completely Online; Robert Kreml ; 3 cr.

2312 Sex, Drugs, and the Internet: Educational Perspectives

(A-F only;)
12615 001 DIS, Completely Online; Angelica Pazurek ; 3 cr.

3001 Engaged Arts Learning in Elementary Classrooms

(A-F or Audit;)
12593 001 LAB, 09:05-11:00 T, Appleby Hall 201, In Person Term Based; Danielle Christensen ; 2 cr.
12594 002 LAB, 09:05-11:00 F, Appleby Hall 201, In Person Term Based; Heather Delisle ; 2 cr.

3101 Issues in Urban Education

(Student Option;)
13093 001 LEC, 12:20-14:15 WF, Twin Cities Remote, Completely Online; Abigail Rombalski ; 3 cr.

3211 Introduction to Elementary Teaching

(A-F only; Prereq: [Elementary ed or early childhood ed foundations major], concurrent practicum experience)
12595 001 DIS, 08:30-11:00 T, Twin Cities Remote, Completely Online; Cynthia Zwicky ; 3 cr.

3212 Practicum: Elementary Teaching

(S-N only; Prereq: concurrent registration is required (or allowed) in 5111, [elementary education foundations or early childhood foundations] major)
12564 001 FWK, 08:00-12:00 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)
12597 001 FWK, 08:00-12:00 TTh, No Room Required, In Person Term Based; Cynthia Zwicky ; 2 cr.

3342 Social Media & Connected Learning

(A-F only;)
13261 001 DIS, Completely Online; Rukmini Manasa Avadhanam ; 3 cr.
13321 002 DIS, Completely Online; 3 cr.

3401W Diversity in Children's Literature

(A-F or Audit; WI)
12515 001 LEC, 12:20-14:50 M, Peik Hall 48, In Person Term Based; Denise Huynh ; 3 cr.
12516 002 LEC, 12:20-14:50 W, Twin Cities Remote, Completely Online; Kristin Bauck ; 3 cr.
12517 003 LEC, 15:35-18:15 W, Twin Cities Remote, Completely Online; Nicholas Kleese ; 3 cr.

3610 Linguistics for Teachers

(A-F only; SOCS)
12647 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Kendall King ; 3 cr.
12648 002 LEC, 14:30-15:45 MW, Nicholson Hall 35, In Person Term Based; Fernando Gonzalez Lesniak ; 3 cr.
12864 003 LEC, 09:45-11:00 TTh, Fraser Hall 101, In Person Term Based; Margaret Buchanan ; 3 cr.
13167 004 LEC, 14:30-15:45 TTh, Peik Hall 385, In Person Term Based; Margaret Buchanan ; 3 cr.

3611W Basics in Teaching English as a Second Language

(Student Option No Audit; Prereq: Have studied another language.WI)
12805 001 LEC, 14:30-16:25 MW, Twin Cities Remote, Completely Online; Mabindra Regmi ; 4 cr.
12806 002 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Suzanne McCurdy ; 4 cr.
12897 003 LEC, 14:30-16:25 TTh, Twin Cities Remote, Completely Online; Suzanne McCurdy ; 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)
12807 001 LEC, Completely Online; Saem Heo ; 4 cr.
12863 002 LEC, 13:25-15:20 TTh, Twin Cities Remote, Completely Online; Amanda Swearingen ; 4 cr.

3613 Intercultural Communication and English Language Teaching

(Student Option No Audit;)
12808 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Amanda Swearingen ; 3 cr.
13112 002 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Alice Yang ; 3 cr.

3901 Exploring the Teaching Profession I

(A-F only; Prereq: DirectTrack to Teaching program or department consent)
11945 001 LEC, 17:00-20:00 T, Twin Cities Remote, Completely Online; Jehanne Beaton ; 2 cr.
12926 002 LEC, 17:00-20:00 T, Twin Cities Remote, Completely Online; Jehanne Beaton ; 2 cr.

3993 Directed Study: Curriculum and Instruction

(Student Option No Audit; Prereq instr consent.)
13335 001 IND, Partially Online; 1-6 cr.
13445 002 IND, In Person Term Based; 1-6 cr.

4121 Culture Power and Education

(A-F only;)
12958 001 DIS, 08:30-11:00 M, Twin Cities Remote, Completely Online; Annie Mason ; 3 cr.
13147 002 DIS, 08:30-11:00 Th, Twin Cities Remote, Completely Online; Diana Chandara ; 3 cr.
13336 003 DIS, 08:30-11:00 Th, Twin Cities Remote, Completely Online; Shakita Thomas ; 3 cr.

4122 Social Class Education and Pedagogy

(A-F only;)
12899 001 DIS, 16:40-19:20 T, Twin Cities Remote, Completely Online; Colleen Clements ; 3 cr.
13148 002 DIS, 13:25-16:05 Th, Twin Cities Remote, Completely Online; Colleen Clements ; 3 cr.

4311W Technology and Ethics in Society

(Student Option; CIV,WI)
12612 001 LEC, Completely Online; Robert Kreml ; 3 cr.
12613 002 LEC, Completely Online; Matti Koivula ; 3 cr.
13189 003 LEC, Completely Online; Basel Hussein ; 3 cr.
13248 004 LEC, Completely Online; Basel Hussein ; 3 cr.

4312 Sex, Drugs, and the Internet: Educational Perspectives

(A-F only;)
12614 001 DIS, Completely Online; Angelica Pazurek ; 3 cr.

5065 Improving Arts Programs in the Schools

(A-F or Audit;)
12688 001 LEC, 16:40-19:20 Th, Appleby Hall 201, In Person Term Based; James Bequette ; 3 cr.

5069 Curriculum Innovations in Arts Education

(A-F or Audit;)
12689 001 LEC, 16:40-19:20 M, Appleby Hall 201, In Person Term Based; Betsy Maloney Leaf ; 3 cr.

5075 The Social, Historical and Cultural Foundations of Arts Education

(A-F or Audit;)
12867 001 LEC, 16:40-19:20 T, Twin Cities Remote, Completely Online; Amanda Brown ; 3 cr.

5096 Arts Education Practicum

(A-F or Audit;)
12690 001 LEC, 19:30-20:20 MTh, Appleby Hall 201, In Person Term Based; James Bequette, Betsy Maloney Leaf ; 1-6 cr.

5103 Culture, Schools, & Communities: Human Relations II

(S-N only; Prerequisites: Enrolled in initial teacher licensure program and successful completion of CI 5102.)
33191 001 DIS, 16:40-19:20 W, Twin Cities Remote, 16:40-19:20 W, Twin Cities Remote, Completely Online; Stefanie Marshall ; 1 cr.
33192 002 DIS, 16:40-19:20 W, Twin Cities Remote, 16:40-19:20 W, Twin Cities Remote, Completely Online; Stefanie Marshall, Jessica Forrester ; 1 cr.
33307 003 DIS, 16:40-19:20 W, Twin Cities Remote, 16:40-19:20 W, Twin Cities Remote, Completely Online; Stefanie Marshall, Jessica Forrester ; 1 cr.
33308 004 DIS, 16:40-19:20 W, Twin Cities Remote, 16:40-19:20 W, Twin Cities Remote, Completely Online; Stefanie Marshall, Jessica Forrester ; 1 cr.

5155 Contemporary Approaches to Curriculum: Instruction and Assessment

(A-F or Audit; Prereq: Grad students only)

13427 001 LEC, 16:40-19:20 Th, Twin Cities Remote, Completely Online; Noah Jefferson ; 3 cr.

5156 Popular Culture, Teaching, and Learning

(A-F only; Prereq: Grad student or sr in a program that values teaching as a component of the discipline)
34874 001 DIS, Completely Online; Thom Swiss ; 3 cr.

5163 Child and Adolescent Development for Teaching and Learning I

(A-F only; Prereq: Enrolled in teacher initial licensure program)
12787 001 DIS, 08:45-11:25 W, Twin Cities Remote, Completely Online; Cristina Silva Gleason ; 1 cr.

5164 Child and Adolescent Development for Teaching and Learning II

(A-F only; Prereq: Enrolled in teacher initial licensure program)
12712 001 DIS, 12:20-15:00 M, Twin Cities Remote, Completely Online; Vichet Chhuon ; 2 cr.
12713 002 DIS, 16:40-19:20 M, Twin Cities Remote, Completely Online; Vichet Chhuon ; 2 cr.
12714 003 DIS, 16:40-19:20 T, Twin Cities Remote, Completely Online; Vichet Chhuon ; 2 cr.
12871 004 DIS, 08:45-11:25 W, Twin Cities Remote, Completely Online; Cristina Silva Gleason ; 2 cr.

5186 School-Related Projects

(A-F or Audit; Prereq: MED student)
12422 001 IND, In Person Term Based; James Bequette ; 1-4 cr.
12423 003 IND, In Person Term Based; 1-4 cr.
12424 004 IND, In Person Term Based; 1-4 cr.
12428 005 IND, In Person Term Based; 1-4 cr.
12487 002 IND, In Person Term Based; 1-4 cr.
12775 006 IND, In Person Term Based; Martha Bigelow, Mary Hermes, Kendall King, Blanca Caldas Chumbes, Samuel David ; 1-4 cr.
12776 007 IND, In Person Term Based; J.B. Mayo ; 1-4 cr.
12777 008 IND, In Person Term Based; Lesa Clarkson, Terrence Wyberg, Erin Baldinger ; 1-4 cr.
13319 200 IND, Completely Online; Jennifer Clifden, Nuhu Sims ; 1-4 cr.

5190 Directed Individual Study in Curriculum and Instruction

(Student Option; Prereq: Grad student, instr consent)
12746 001 IND, In Person Term Based; James Bequette, Betsy Maloney Leaf ; 1-6 cr.
12758 002 IND, In Person Term Based; 1-6 cr.
12760 003 IND, In Person Term Based; 1-6 cr.
12761 004 IND, In Person Term Based; 1-6 cr.
12778 005 IND, In Person Term Based; 1-6 cr.
12779 006 IND, In Person Term Based; 1-6 cr.
12780 007 IND, In Person Term Based; J.B. Mayo ; 1-6 cr.
12781 008 IND, In Person Term Based; 1-6 cr.
35395 300 IND, In Person Term Based; 1-6 cr.

5211 Elementary Education Content and Pedagogy I

(A-F only;)
13222 200 DIS, Completely Online; Jennifer Knutson ; 4 cr.
33267 300 DIS, Completely Online; 4 cr.

5214 Elementary Education Content and Pedagogy IV

(A-F only;)
13363 200 DIS, 09:00-12:00 Sa, Bruininks Hall 131B, 09:00-12:00 Sa, Bruininks Hall 131B, 09:00-12:00 Sa, Bruininks Hall 131B, Partially Online; 3 cr.

5283 Practicum: Applying Instructional Methods in the Elementary Classroom

(S-N only; Prereq: M.Ed./Elementary education initial licensure student, enrolled in elementary education methods course)
13293 001 FWK, Completely Online; Jana LoBello Miller ; 3 cr.
13294 002 FWK, Completely Online; Jana LoBello Miller ; 3 cr.
13295 003 FWK, Completely Online; Jana LoBello Miller ; 3 cr.
13296 004 FWK, Completely Online; Jana LoBello Miller ; 3 cr.

5301 Foundations of Computer Applications for Business and Education

(A-F only;)
12617 001 DIS, Completely Online; Hong Shui ; 3 cr.
12618 002 DIS, Completely Online; Hong Shui ; 3 cr.

5646 English Grammar for ESL Teachers

(Student Option; Prereq: LING 5001 or instr consent)
12161 001 LEC, 13:25-16:05 M, Twin Cities Remote,
Completely Online; Kendall King ; 3 cr.

5651 Foundations of Second Languages and Cultures Education

(A-F or Audit;)
12185 001 LEC, 16:40-19:20 M, Twin Cities Remote,
Completely Online; Martha Bigelow ; 3 cr.

5656 Teaching Literacy in Second Language Classrooms

(Student Option No Audit;)
12171 001 LEC, 16:40-19:20 W, Twin Cities Remote,
Completely Online; Martha Bigelow ; 3 cr.

5658 Foreign Language Testing and Assessment

(A-F or Audit;)
33286 001 LEC, 16:40-19:20 T, Peik Hall 48, In Person Term
Based; Dustin Hemsath ; 3 cr.

5670 Foundations of Dual Language and Immersion Education

(Student Option; Prereq: Enrollment in certificate
program in dual language/immersion educ or instr
consent)
33246 004 LEC, Completely Online; Diane Tedick ; 3 cr.

5693 Directed Study in Second Language Education

(Student Option; Prereq: instr consent)
12017 001 LEC, In Person Term Based; Kendall King, Martha
Bigelow, Mary Hermes, 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)
12410 001 LEC, Completely Online; Alice Yang ; 2-6 cr.

5697 Practicum: ESL in the Elementary School

(Student Option; Prereq: Adviser approval)
12416 001 LEC, Completely Online; 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)
12042 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)
12043 001 FWK, 13:25-16:25 W, Peik Hall 40, In Person
Term Based; Dustin Hemsath, Kym O'Donnell, Jonathan
Broehl ; 3-12 cr.

5702 Social Studies Instruction in the Elementary Grades

(A-F only; Prereq: Early Childhood or Elementary
Education ILP)
12653 001 LEC, Completely Online; Jeff Henning-Smith ; 3
cr.
12654 002 LEC, Completely Online; Jana LoBello Miller ; 3 cr.
12655 003 LEC, Completely Online; Jeff Henning-Smith ; 3
cr.
13068 004 LEC, Completely Online; Jana LoBello Miller ; 3 cr.

5742 Advanced Methods of Teaching the Social Studies

(A-F only; Prereq: Secondary social studies initial
licensure student)
13005 001 LEC, 13:25-15:55 T, Peik Hall 40, Primarily
Online; Jehanne Beaton ; 3 cr.

5745 Engaging Youth With Social Studies Texts

(A-F only;)
12732 001 DIS, 13:25-15:55 Th, Peik Hall 48, In Person
Term Based; Todd Beach ; 3 cr.

5782 Clinical Experiences in Teaching Social Studies

(S-N or Audit; Prereq: MEd/initial licensure student)
12090 001 FWK, In Person Term Based; Molly Siebert, Julia
Bach ; 1-8 cr.

5822 Mathematics Instruction in the Elementary Grades

(A-F or Audit; Prereq: Early Childhood or Elementary
Education ILP)
12656 001 LEC, Completely Online; Lesa Clarkson ; 3 cr.
12657 002 LEC, Completely Online; Terrence Wyberg ; 3 cr.
12658 003 LEC, In Person Term Based; Terrence Wyberg ;
3 cr.
13069 004 LEC, In Person Term Based; Lesa Clarkson ; 3 cr.

5980 Clinical Experiences for K-12 Teaching

(A-F only;)
13224 200 FWK, Partially Online; Jennifer Clifden, Penelope
Jones, Thomas Meagher, Amy M Kennedy ; 1-4 cr.
13317 201 FWK, Partially Online; Jennifer Clifden, Penelope
Jones, Amy M Kennedy ; 1-4 cr.

5981 Introduction to Equity-Based Pedagogy

(A-F only;)
13225 200 FWK, Completely Online; 1 cr.
35776 201 FWK, Completely Online; Rebecca Slaby ; 1 cr.

5982 Enacting Equity-Based Pedagogy

(A-F only;)
34763 300 FWK, Partially Online; 2 cr.

5984 Planning Design and Management

(A-F only;)
13262 200 FWK, Completely Online; Jade Beauclair ; 1 cr.
35775 201 FWK, Completely Online; Jade Beauclair ; 1 cr.

Dakota (DAKO)**1121 Beginning Dakota I**

(Student Option;)
15105 001 LEC, 10:10-11:00 MTWThF, Twin Cities Remote,
Completely Online; Meets With: 001 DAKO 4121; Sisoka
Duta ; 5 cr.
18038 301 LEC, 10:10-11:00 MTWThF, Twin Cities Remote,
Completely Online; Sisoka Duta ; 5 cr.

3123 Intermediate Dakota I

(Student Option; Prereq: 1122)
15106 001 LEC, 11:15-12:05 MTWThF, Twin Cities Remote,
Completely Online; Meets With: 001 DAKO 4123; Sisoka
Duta ; 5 cr.
18039 301 LEC, 11:15-12:05 MTWThF, Twin Cities Remote,
Completely Online; Sisoka Duta ; 5 cr.

3125 Introduction to Dakota Linguistics

(Student Option; Prereq: 3124)
15409 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Neil McKay ; 3 cr.

4121 Beginning Dakota I

(Student Option; Prereq: [1122, 1004] in another
language or passing score on LPE or grad student)
16801 001 LEC, 10:10-11:00 MTWThF, Twin Cities Remote,
Completely Online; Meets With: 001 DAKO 1121; Sisoka
Duta ; 3 cr.
18265 301 LEC, 10:10-11:00 MTWThF, Twin Cities Remote,
Completely Online; Sisoka Duta ; 3 cr.

4123 Intermediate Dakota I

(Student Option; Prereq: 1121, 3123, 5126)
16802 001 LEC, 11:15-12:05 MTWThF, Twin Cities Remote,
Completely Online; Meets With: 001 DAKO 3123; Sisoka
Duta ; 3 cr.
18240 301 LEC, 11:15-12:05 MTWThF, Twin Cities Remote,
Completely Online; Sisoka Duta ; 3 cr.
33431 302 LEC, 18:00-20:30 T, Twin Cities Remote,
Completely Online; Sisoka Duta ; 3 cr.

5126 Advanced Dakota Language I

(A-F or Audit;)
15067 001 LEC, 14:30-15:20 MWF, Twin Cities Remote,
Completely Online; Neil McKay ; 3 cr.

5226 Dakota Mastery I

(Student Option;)
17353 001 DIS, 11:15-12:30 MW, Twin Cities Remote,
Completely Online; Neil McKay ; 3 cr.

Dance (DNCE)**1001 Modern/Contemporary Dance Technique 1**

(Student Option;)
13853 001 LAB, 10:10-11:40 TTh, Barbara Barker Ctr Dance
100, In Person Term Based; Carl Flink ; 1 cr.

1010 Modern/Contemporary Dance Technique 3

(Student Option; Prereq: dept consent, audition)
14515 002 LAB, 12:20-13:50 MTThF, Barbara Barker Ctr
Dance 100, In Person Term Based; Carl Flink ; 1-2 cr.
18061 001 LAB, 12:20-13:50 TTh, , In Person Term Based;
Elayna Waxse ; 1-2 cr.

1101 Ballet Technique 1

(Student Option;)
13851 001 LAB, 17:00-18:15 MW, Barbara Barker Ctr Dance
300, In Person Term Based; Tina Wallum ; 1 cr.

1110 Ballet Technique 3

(Student Option; Prereq: dept consent, audition)
13772 001 LAB, 08:25-09:55 MWF, Barbara Barker Ctr
Dance 100, In Person Term Based; Tina Wallum ; 2 cr.

1201 Jazz Technique 1

(Student Option;)
13925 001 LAB, 18:30-19:45 TTh, Barbara Barker Ctr Dance
200, In Person Term Based; Karla Grotting ; 1 cr.

1210 Jazz Technique 3

(Student Option; Prereq: dept consent, audition)
13926 001 LAB, 08:25-09:55 TTh, Barbara Barker Ctr Dance
100, In Person Term Based; Karla Grotting ; 1 cr.

1301 Tap Technique 1

(Student Option;)
13767 001 LAB, 17:00-18:15 TTh, Barbara Barker Ctr Dance
300, In Person Term Based; Carl Flink ; 1 cr.

1327 Argentine Tango

(Student Option;)
15838 002 LAB, 17:00-18:15 MW, Rarig Center 506 - Studio
A, In Person Term Based; Andrea DuCane, Rebecca
Trost ; 1 cr.

1331 Yoga

(Student Option;)
14516 001 LAB, 08:25-09:55 TTh, Barbara Barker Ctr Dance
300, In Person Term Based; Theodore Roseen ; 1 cr.
14583 002 LAB, 10:10-11:40 TTh, Barbara Barker Ctr Dance
300, In Person Term Based; Theodore Roseen ; 1 cr.
16197 003 LAB, 09:00-10:30 TTh, Twin Cities Remote,
Completely Online; Lucinda Holshue ; 1 cr.

1335 T'ai Chi Ch'uan

(Student Option;)
15551 001 LAB, 18:30-19:45 MW, Barbara Barker Ctr Dance
300, In Person Term Based; Carl Flink ; 1 cr.

1343 Urban & Street Dance Forms 1: Introduction

(Student Option No Audit;)
15472 001 LAB, 12:20-13:50 TTh, Barbara Barker Ctr Dance
300, In Person Term Based; Carl Flink ; 1 cr.

1401 Introduction to Dance

(Student Option No Audit; AH)
13994 001 LEC, 10:10-11:40 MW, Twin Cities Remote,
Completely Online; Carl Flink ; 3 cr.

1626 Music for Dance

(Student Option; Prereq: dept consentAH)
15471 001 LEC, 10:10-11:40 MWF, Twin Cities Remote,
Completely Online; Michelle Kinney ; 3 cr.

3010 Modern/Contemporary Dance Technique 5

(Student Option; Prereq: dept consent, audition)
13919 001 LAB, 14:05-15:35 MTThF, Barbara Barker Ctr
Dance 300, In Person Term Based; Laura Anne Virtucio ;
2 cr.

3110 Ballet Technique 5

(Student Option; Prereq: dept consent, audition)
13838 001 LAB, 08:25-09:55 MWF, Barbara Barker Ctr
Dance 200, In Person Term Based; Penelope Freeh ; 2 cr.

3210 Jazz Technique 5

(Student Option; Prereq: dept consent, audition)
13927 001 LAB, 12:20-13:50 TTh, Barbara Barker Ctr Dance
200, In Person Term Based; Linda Lee ; 1 cr.

3301 Tap Technique 3

(Student Option; Prereq: 1302 or instr consent)
13769 001 LAB, 18:30-19:45 TTh, Barbara Barker Ctr Dance
300, In Person Term Based; Carl Flink ; 1 cr.

3334 Introduction to Dance/Movement Therapy

(Student Option; Prereq: dept consent)
15503 001 LAB, 14:05-15:35 W, Barbara Barker Ctr Dance
300, In Person Term Based; Meets With: 001 DNCE 5334;
Barbara Nordstrom-Loeb ; 2 cr.

3341 Urban & Street Dance Forms 3: Emerging Scholar

(A-F or Audit; Prereq: Completion of DNCE 2341 or audition.)
17348 001 LAB, 10:10-11:40 TTh, Barbara Barker Ctr Dance
200, In Person Term Based; Herbert Johnson ; 1 cr.

3401W Dance History 1

(Student Option; GF,WI)
14159 001 LEC, 10:10-11:40 TTh, Twin Cities Remote,
Completely Online; Cindy Garcia ; 3 cr.

3411 Dance and Popular Culture: Choreographing Race, Class, and Gender

(Student Option; DSJ)
18135 001 LEC, 09:05-09:55 TTh, Twin Cities Remote,
Completely Online; Cindy Garcia ; 3 cr.

3601 Dance Composition 1

(Student Option; Prereq: 1020, 1601, concurrent regis in a modern dance technique course, dept consent)
18056 001 LAB, 10:10-11:40 MWF, Barbara Barker Ctr
Dance 300, In Person Term Based; Arwen Wilder, Kristin
Vanloon ; 3 cr.

3621 Dance Production I

(A-F or Audit; Prereq: Dance major, dept consent)
16402 001 LEC, 18:30-20:00 MW, Barbara Barker Ctr Dance
301, In Person Term Based; Maggie Bergeron ; 2 cr.

4443 Theorizing Dancing Bodies

(Student Option; Prereq: 3402W or instr consent)
16404 001 LEC, 12:20-13:50 TTh, Twin Cities Remote,
Partially Online; Meets With: 001 DNCE 5443; Ananya
Chatterjea ; 3 cr.

4601 Dance Composition 3

(Student Option; Prereq: 3602, concurrent regis in a modern dance technique course, dept consent)
33725 001 LAB, 12:20-13:50 MWF, Barbara Barker Ctr
Dance 200, In Person Term Based; Carl Flink ; 3 cr.
33727 002 LAB, 12:20-13:50 MWF, Barbara Barker Ctr
Dance 300, In Person Term Based; Joan Smith ; 3 cr.

4602 Dance Composition 4

(Student Option; Prereq: 4601, concurrent registration is required (or allowed) in modern dance technique course, dept consent)
14654 001 LAB, 10:10-11:40 MWF, Barbara Barker Ctr
Dance 100, In Person Term Based; Joan Smith ; 3 cr.

4901 Capstone Seminar for Dance

(S-N or Audit; Prereq: Sr, [Dnce or Th major])
15411 001 IND, In Person Term Based; Joan Smith ; 1-2 cr.

5010 Modern/Contemporary Dance Technique 7

(Student Option; Prereq: dept consent, audition)
13929 001 LAB, 14:05-15:35 MTThF, Barbara Barker Ctr
Dance 200, In Person Term Based; Erin Thompson, Laura
Anne Virtucio ; 2 cr.

5030 Modern/Contemporary Dance Technique 9

(A-F or Audit;)
16977 001 LAB, 14:05-15:35 MTThF, Barbara Barker Ctr
Dance 100, In Person Term Based; Marciano Silva Dos
Santos, Elayna Waxse ; 2 cr.

5110 Ballet Technique 7

(Student Option; Prereq: dept consent, audition)
16697 001 LAB, 08:25-09:55 TTh, Barbara Barker Ctr Dance
200, In Person Term Based; Eve Schulte ; 1 cr.

5334 Introduction to Dance/Movement Therapy

(Student Option; Prereq: dept consent)
15504 001 LAB, 14:05-15:35 W, Barbara Barker Ctr Dance
300, In Person Term Based; Meets With: 001 DNCE 3334;
Barbara Nordstrom-Loeb ; 2 cr.

5443 Theorizing Dancing Bodies

(Student Option; Prereq: instr consent)
16405 001 LEC, 12:20-13:50 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 DNCE 4443; Ananya
Chatterjea ; 3 cr.

5500 Topics in Dance

(Student Option;)
35393 001 LAB, 14:05-15:35 W, Barbara Barker Ctr Dance
200, In Person Term Based; Ananya Chatterjea ; 1-3 cr.

5700 Performance

(Student Option; Prereq: concurrent registration is required (or allowed) in technique course, dept consent, audition based Students cast in more than one choreographic piece should register for section 002 for 2 credits)
13933 001 LAB, 09:00-13:00 Sa, Barbara Barker Ctr Dance
200, 15:45-18:15 MTWThF, Barbara Barker Ctr Dance
200, In Person Term Based; Erin Thompson, Laura Anne
Virtucio ; 1-2 cr.
16448 002 LAB, 09:00-13:00 Sa, Barbara Barker Ctr Dance
100, 15:45-18:15 MTWThF, Barbara Barker Ctr Dance
100, In Person Term Based; Nora Jenneman, Andrea
Reynolds, Erin Thompson ; 1-2 cr.

5858 Dance Pedagogy

(Student Option;)
16403 001 LAB, 08:25-09:55 MWF, Barbara Barker Ctr
Dance 300, In Person Term Based; Maggie Bergeron ; 3-4
cr.

5993 Directed Studies

(Student Option; Prereq: instr consent, dept consent, college consent.)
14435 001 IND, 00:00-00:00 , , In Person Term Based; Carl
Flink ; 1-4 cr.

Dental Hygiene (DH)

1101 Introduction to Dental Hygiene

(A-F only;)
34960 001 LEC, 11:00-11:50 W, Moos Health Sci Tower
2-690, In Person Term Based; 1 cr.

3234 Oral and Maxillofacial Radiology: Theory, Principles, and Radiographic Analysis

(A-F only;)
19671 001 LEC, 11:15-12:05 W, Health Sciences Edu
Ctr 3-150, 10:10-12:05 M, Moos Health Sci Tower
2-650, 10:10-12:05 W, Moos Health Sci Tower 2-650,
10:10-12:05 M, Moos Health Sci Tower 2-650, 11:15-12:05
W, Health Sciences Edu Ctr 3-150, 10:10-12:05 M,
Moos Health Sci Tower 2-650, 10:10-12:05 M, Moos
Health Sci Tower 2-650, 10:10-12:05 MW, Moos Health
Sci Tower 2-650, 11:15-12:05 M, Health Sciences Edu
Ctr 3-150, 10:10-12:05 MW, Moos Health Sci Tower
2-650, 10:10-12:05 W, Moos Health Sci Tower 2-650,
11:15-12:05 MW, Health Sciences Edu Ctr 3-150,
10:10-12:05 W, Moos Health Sci Tower 2-650, Partially
Online; Meets With: 001 DDS 6234; ; 1 cr.
19673 002 LEC, In Person Term Based; 1 cr.

Dental Therapy (DT)

4994 Dental Therapy Directed Research

(S-N only;)
19780 001 IND, In Person Term Based; 1-7 cr.

5141 Clinical Pediatric Dentistry III

(A-F only; Prereq: Must be in the dental therapy program, passed basic foundation competencies)
19717 001 FWK, 00:00-00:00 , , In Person Term Based; Elise
Sarvas ; 2 cr.

5241 Oral Radiology Clinic II

(A-F only; Prereq: Must be in dental therapy masters program)
19716 001 FWK, 00:00-00:00 , , In Person Term Based;
Mansur Ahmad ; 1 cr.

5320 Comprehensive Care Clinic

(S-N only;)
19718 001 FWK, 00:00-00:00 , , In Person Term Based;
Richard Nadeau ; 4 cr.

5361 Outreach Experiences II

(S-N only;)
19720 001 FWK, 00:00-00:00 , , In Person Term Based; Paul
Schulz ; 2 cr.

5429 Introduction to Psychomotor Skill Development

(S-N only; Prereq: 00-in dental therapy program.)
19708 001 FWK, 00:00-00:00 , , In Person Term Based;
Mercedes Porter ; 1 cr.

5432 Operative Dentistry I

(A-F only;)
19752 001 LEC, In Person Term Based; 1 cr.

5434 Operative Dentistry II Lecture

(A-F only; Prereq: Enrolled in master's in dental therapy program)
19711 001 LAB, 14:05-14:55 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 DDS 6436; Mercedes
Porter ; 1 cr.

5435 Operative Dentistry II for the Dental Therapist, Lab

(A-F only;)
19710 001 LAB, In Person Term Based; 1 cr.

5443 Operative Clinic III

(A-F only;)
19719 001 FWK, 00:00-00:00 , , In Person Term Based; Gary
Hildebrandt ; 4 cr.

Design (DES)

1000 D@MN: Design@Minnesota

(A-F only; AH)
11276 001 DIS, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; Emily Stover ; 3 cr.

1101V Honors: Introduction to Design Thinking

(A-F only; Prereq: Honors student AH,WI)
34639 001 LEC, 08:45-10:00 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 DES 1101W; Patricia
Hemmis ; 4 cr.
34814 002 DIS, 10:40-11:30 T, Twin Cities Remote,
Completely Online; Meets With: 005 DES 1101W; 4 cr.

1101W Introduction to Design Thinking

(A-F only; AH,WI)
10886 001 LEC, 08:45-10:00 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 DES 1101V; Patricia
Hemmis ; 4 cr.
10894 002 DIS, 10:40-11:30 W, Twin Cities Remote,
Completely Online; 4 cr.
10895 003 DIS, 09:35-10:25 W, Twin Cities Remote,
Completely Online; 4 cr.
10897 005 DIS, 10:40-11:30 T, Twin Cities Remote,
Completely Online; Meets With: 002 DES 1101V; 4 cr.
10898 006 DIS, 10:40-11:30 Th, Twin Cities Remote,
Completely Online; 4 cr.
34557 007 DIS, 18:15-19:05 W, Twin Cities Remote,
Completely Online; 4 cr.

1111 Creative Problem Solving

(A-F only;)
11215 001 LEC, 11:45-13:40 MW, Twin Cities Remote,
Completely Online; Meets With: 001 DES 1111H; Brad
Hokanson ; 3 cr.

1111H Honors: Creative Problem Solving

(A-F only; Prereq: Honors)
11213 001 LEC, 11:45-13:40 MW, Twin Cities Remote,
Completely Online; Meets With: 001 DES 1111; Brad
Hokanson ; 3 cr.

1902 Modern Chinese Fashion

(A-F only;)
34011 001 DIS, 10:15-11:30 TTh, Twin Cities Remote,
Completely Online; Juanjuan Wu ; 3 cr.

2101 Design and Visual Presentation

(A-F only;)
11236 001 LEC, Completely Online; Sabrill Holcomb ; 2 cr.
11237 002 LEC, Completely Online; Valeria Lopez ; 2 cr.
11278 003 LEC, Completely Online; Alison Malone ; 2 cr.

3131 User Experience in Design

(A-F only;)
11151 001 LEC, 18:15-20:10 MW, Twin Cities Remote,
Completely Online; Debra Lawton ; 4 cr.
11296 002 LEC, 15:00-16:55 TTh, Twin Cities Remote,
Completely Online; McLean Donnelly ; 4 cr.
32956 003 LEC, 18:15-20:10 TTh, Twin Cities Remote,
Completely Online; McLean Donnelly ; 4 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 product design)

- 10990 001 LEC, 13:55-14:45 T, Twin Cities Remote, Completely Online; 1 cr.
 10991 002 LEC, 10:40-11:30 Th, Twin Cities Remote, Completely Online; Dana Rechtzigel ; 1 cr.
 11181 003 LEC, 09:05-09:55 W, Twin Cities Remote, Completely Online; Siri Sorensen ; 1 cr.
 11308 004 LEC, 09:05-09:55 F, Twin Cities Remote, Completely Online; Heather Nagle ; 1 cr.

3309 Storytelling and Design

(A-F only;)

- 31601 001 LEC, 18:20-21:05 T, Twin Cities Remote, Completely Online; Emily Stover ; 3 cr.

3321 Furniture Design: Exploration

(A-F only;)

- 11294 001 LEC, 18:20-21:05 T, Twin Cities Remote, Completely Online; Thomas Oliphant ; 3 cr.

3322 Furniture Design, Practice

(A-F only;)

- 11275 001 LEC, 09:05-14:35 F, Twin Cities Remote, Completely Online; Thomas Oliphant ; 4 cr.

3331 Street Life Urban Design Seminar

(A-F only;)

- 11274 001 LEC, 13:25-16:10 T, Twin Cities Remote, Completely Online; Satoko Muratake ; 3 cr.

4165 Design and Globalization

(A-F or Audit; Prereq: Jr or srDSJ)

- 11180 001 DIS, 09:35-12:35 F, Twin Cities Remote, Completely Online; Meets With: 001 DES 5165; Tasoulla Hadjiyanni ; 3 cr.

4193 Directed Study in Design

(A-F only; Prereq: dept consent)

- 10977 001 IND, Independent/Directed Study; ; 1-6 cr.
 10979 010 IND, Independent/Directed Study; ; 1-6 cr.

5165 Design and Globalization

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

- 11266 001 DIS, 09:35-12:35 F, Twin Cities Remote, Completely Online; Meets With: 001 DES 4165; Tasoulla Hadjiyanni ; 3 cr.

5193 Directed Study in Design

(A-F only; Prereq: dept consent)

- 11132 002 IND, Independent/Directed Study; ; 1-6 cr.
 11155 003 IND, Independent/Directed Study; ; 1-6 cr.
 11192 001 IND, Independent/Directed Study; 1-6 cr.

Dutch (DTCH)

1001 Beginning Dutch

(Student Option;)

- 13887 001 DIS, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 DTCH 4001; Jenneke Oosterhoff ; 5 cr.

1003 Intermediate Dutch

(Student Option; Prereq: 1002)

- 18171 001 DIS, 14:30-15:20 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 DTCH 4003; Jenneke Oosterhoff ; 5 cr.

3993 Directed Studies

(Student Option; Prereq-instr consent, dept consent, college consent.)

- 14066 001 IND, In Person Term Based; Jenneke Oosterhoff ; 1-5 cr.
 17450 002 IND, In Person Term Based; Jenneke Oosterhoff ; 1-5 cr.

4001 Beginning Dutch for Graduate Research

(Student Option;)

- 14131 001 DIS, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 DTCH 1001; Jenneke Oosterhoff ; 5 cr.

4003 Intermediate Dutch for Graduate Research

(Student Option;)

- 18172 001 DIS, 14:30-15:20 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 DTCH 1003; Jenneke Oosterhoff ; 5 cr.

5993 Directed Studies

(Student Option; Prereq-instr consent, dept consent, college consent.)

- 14067 001 IND, In Person Term Based; Jenneke Oosterhoff ; 1-4 cr.
 17463 002 IND, In Person Term Based; Jenneke Oosterhoff ; 1-4 cr.

Early Modern Studies (EMS)

Earth Sciences (ESCI)

1001 Earth and Its Environments

(Student Option; ENV,PHYS)

- 21338 001 LEC, Completely Online; Meets With: 101 ESCI 1101; Kent Kirkby ; 4 cr.
 21339 002 LEC, Completely Online; Meets With: 102 ESCI 1101; Kent Kirkby ; 4 cr.
 21340 003 LEC, Completely Online; Meets With: 103 ESCI 1101; Justin Revenaugh ; 4 cr.
 21341 004 LEC, Completely Online; Meets With: 104 ESCI 1101; Annia Fayon ; 4 cr.
 21342 101 LAB, 09:05-10:45 M, Twin Cities Remote, Completely Online; 4 cr.
 21343 102 LAB, 13:25-15:05 M, Twin Cities Remote, Completely Online; 4 cr.
 21344 103 LAB, 15:35-17:15 M, Twin Cities Remote, Completely Online; 4 cr.
 21345 105 LAB, 11:15-12:55 T, Twin Cities Remote, Completely Online; 4 cr.
 21346 106 LAB, 16:10-17:40 T, Twin Cities Remote, Completely Online; 4 cr.
 21348 108 LAB, 09:05-10:45 W, Twin Cities Remote, Completely Online; 4 cr.
 21349 109 LAB, 13:25-15:05 W, Twin Cities Remote, Completely Online; 4 cr.
 21350 110 LAB, 15:35-17:15 W, Twin Cities Remote, Completely Online; 4 cr.
 21352 112 LAB, 11:15-12:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 22487 113 LAB, 13:25-15:05 Th, Twin Cities Remote, Completely Online; 4 cr.

1006 Oceanography

(Student Option; ENV,PHYS)

- 21353 101 LAB, 09:05-10:45 M, Twin Cities Remote, Completely Online; 4 cr.
 21354 102 LAB, 11:15-12:55 M, Twin Cities Remote, Completely Online; 4 cr.
 21356 106 LAB, 09:05-10:45 T, Twin Cities Remote, Completely Online; 4 cr.
 21357 108 LAB, 16:00-17:40 T, Twin Cities Remote, Completely Online; 4 cr.
 22418 103 LAB, 13:25-15:05 M, Twin Cities Remote, Completely Online; 4 cr.
 22677 002 LEC, Completely Online; Meets With: 002 ESCI 1106; Vera Pospelova, Katsumi Matsumoto ; 4 cr.
 22679 104 LAB, 15:35-17:15 M, Twin Cities Remote, Completely Online; 4 cr.
 22680 107 LAB, 11:15-12:55 T, Twin Cities Remote, Completely Online; 4 cr.
 22681 110 LAB, 11:15-12:55 W, Twin Cities Remote, Completely Online; 4 cr.
 22682 111 LAB, 13:25-15:05 W, Twin Cities Remote, Completely Online; 4 cr.
 22683 112 LAB, 15:35-17:15 W, Twin Cities Remote, Completely Online; 4 cr.
 22836 001 LEC, Completely Online; Meets With: 001 ESCI 1106; Katsumi Matsumoto, Vera Pospelova ; 4 cr.
 23297 114 LAB, 09:05-10:45 Th, Twin Cities Remote, Completely Online; 4 cr.
 23298 115 LAB, 11:15-12:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 23855 109 LAB, 09:05-10:45 W, Twin Cities Remote, Completely Online; 4 cr.
 32977 003 LEC, Completely Online; Meets With: 003 ESCI 1106; Vera Pospelova, Katsumi Matsumoto ; 4 cr.

1007 From Microbes to Mammoths: History of Life on Earth

(Student Option; BIOL)

- 22514 001 LEC, Completely Online; David Fox, Jake Bailey ; 4 cr.
 22515 101 LAB, 10:10-12:05 M, Twin Cities Remote, Completely Online; 4 cr.
 22516 102 LAB, 12:20-14:15 M, Twin Cities Remote, Completely Online; 4 cr.
 22517 103 LAB, 14:30-16:25 M, Twin Cities Remote, Completely Online; 4 cr.
 22518 104 LAB, 11:15-13:10 T, Twin Cities Remote, Completely Online; 4 cr.
 22519 105 LAB, 13:25-15:20 T, Twin Cities Remote, Completely Online; 4 cr.

- 22520 107 LAB, 09:05-11:00 W, Twin Cities Remote, Completely Online; 4 cr.
 22525 108 LAB, 11:15-13:10 W, Twin Cities Remote, Completely Online; 4 cr.

1012 Natural Disasters

(Student Option; TS)

- 22611 001 LEC, Completely Online; Annia Fayon ; 3 cr.

1101 Introduction to Geology (lecture only)

(Student Option; ENV)

- 21246 101 LEC, Completely Online; Meets With: 001 ESCI 1001; Kent Kirkby ; 3 cr.
 22077 102 LEC, Completely Online; Meets With: 002 ESCI 1001; Kent Kirkby ; 3 cr.
 22078 103 LEC, Completely Online; Meets With: 003 ESCI 1001; Justin Revenaugh ; 3 cr.
 22079 104 LEC, Completely Online; Meets With: 004 ESCI 1001; Annia Fayon ; 3 cr.

1106 Oceanography

(Student Option; ENV)

- 22678 002 LEC, Completely Online; Meets With: 002 ESCI 1006; Vera Pospelova, Katsumi Matsumoto ; 3 cr.
 22837 001 LEC, Completely Online; Meets With: 001 ESCI 1006; Vera Pospelova, Katsumi Matsumoto ; 3 cr.
 32978 003 LEC, Completely Online; Meets With: 003 ESCI 1006; Vera Pospelova, Katsumi Matsumoto ; 3 cr.

1902 Geology of Minnesota

(Student Option; ENV)

- 33983 001 LEC, 10:10-11:50 W, ONLINE BLENDED, 10:10-11:50 W, Tate Hall 101, Partially Online; Harvey Thorleifson ; 3 cr.

1909 Manoomin (Wild Rice) and Its Environment

(A-F or Audit; ENV)

- 34860 001 DIS, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Gene-Hua Ng ; 3 cr.

2201 Solid Earth Dynamics

(A-F or Audit; Prereq: concurrent registration is required (or allowed) in PHYS 1301 or instr consent)

- 20992 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Bruce Moskowitz, Ikuko Wada ; 4 cr.
 20993 101 LAB, 08:00-09:40 M, Twin Cities Remote, Completely Online; 4 cr.
 20994 102 LAB, 11:15-12:55 M, Twin Cities Remote, Completely Online; 4 cr.
 22887 103 LAB, 13:25-15:05 M, Twin Cities Remote, Completely Online; 4 cr.
 23295 104 LAB, 15:35-17:15 M, Twin Cities Remote, Completely Online; 4 cr.
 31604 105 LAB, 17:45-19:25 M, Twin Cities Remote, Completely Online; 4 cr.

2301 Mineralogy

(Student Option; Prereq: [concurrent registration is required (or allowed) in CHEM 1061, concurrent registration is required (or allowed) in CHEM 1065, concurrent registration is required (or allowed) in MATH 1271] or instr consent)

- 20995 001 LEC, 10:10-11:00 MW, Twin Cities Remote, Completely Online; Joshua Feinberg ; 3 cr.
 20997 102 LAB, 11:15-12:55 W, Twin Cities Remote, Completely Online; 3 cr.
 22886 103 LAB, 13:25-15:05 W, Twin Cities Remote, Completely Online; 3 cr.
 23299 104 LAB, 15:35-17:15 W, Twin Cities Remote, Completely Online; 3 cr.

3093 Directed Studies in Earth & Environmental Sciences: Junior

(Student Option; Prereq: instr consent)

- 21149 001 IND, 00:00-00:00 , , Partially Online; 1-4 cr.

3202 Fluid Earth Dynamics

(Student Option; Prereq: concurrent registration is required (or allowed) in 2201)

- 20998 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Peter K Kang, Lars Hansen ; 4 cr.
 20999 102 DIS, 12:20-14:00 F, Twin Cities Remote, Completely Online; 4 cr.
 22081 101 DIS, 09:05-10:45 F, Twin Cities Remote, Completely Online; 4 cr.

3303W Geochemical Principles

(Student Option; Prereq: [concurrent registration is required (or allowed) in CHEM 1061, concurrent registration is required (or allowed) in CHEM 1065] or instr consent(W))

- 22612 001 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Larry Edwards ; 4 cr.

22613 101 DIS, 09:05-10:45 T, Twin Cities Remote,
Completely Online; 4 cr.
22629 102 DIS, 14:30-16:10 T, Twin Cities Remote,
Completely Online; 4 cr.

3896 Internship in Earth and Environmental Sciences

(Student Option No Audit;)
23858 001 IND, In Person Term Based; Joshua Feinberg ;
1-4 cr.

4093 Directed Studies in Earth & Environmental Sciences: Senior

(Student Option; Prereq: instr consent)
21150 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)
21151 001 IND, 00:00-00:00 , , In Person Term Based; 2 cr.

4103W Fossil Record of Mammals

(A-F or Audit; WI)
31607 001 LEC, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; David Fox ; 3 cr.

4203 Environmental Geophysics

(Student Option; Prereq: Phys 1301)
21146 001 LEC, 09:05-09:55 MWF, Twin Cities Remote,
Completely Online; Meets With: 001 ESCI 8203; Bruce
Moskowitz, Maximiliano Bezada ; 3 cr.

4501 Structural Geology

(Student Option; Prereq: 2201, 2302)
21000 001 LEC, 14:30-15:20 MW, Twin Cities Remote,
Completely Online; Meets With: 001 ESCI 8501; Christian
Teyssier ; 3 cr.
21001 101 LAB, 11:15-12:55 Th, Twin Cities Remote,
Completely Online; Meets With: 101 ESCI 8501; 3 cr.
21002 102 LAB, 13:25-15:05 Th, Twin Cities Remote,
Completely Online; Meets With: 102 ESCI 8501; 3 cr.

4701 Geomorphology

(Student Option; Prerequisite courses or their
equivalents, and it is recommended to take these
classes at least concurrently (as co-requisites) with
geomorphology. No help will be given on material
covered in prerequisite courses.)
23558 001 LEC, Completely Online; Meets With: 001 ESCI
8701; Andrew Wickert ; 4 cr.
23559 101 LAB, Completely Online; Meets With: 101 ESCI
8701; 4 cr.

5204 Geostatistics and Inverse Theory

(Student Option; Prereq: Stat 3011 or instr consent)
31608 001 LEC, 14:30-15:45 TTh, Tate Hall 120, In Person
Term Based; Justin Revenaugh ; 3 cr.

5302 Isotope Geology

(A-F or Audit; Prereq: 3303W or instr consent)
33263 001 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Larry Edwards, Emi Ito, Xinyuan
Zheng ; 3 cr.

5353 Electron Microprobe Theory and Practice

(Student Option; Prereq: [One yr chem, one yr physics]
or instr consent)
23468 001 LEC, 10:10-11:00 W, Twin Cities Remote,
Completely Online; Anette von der Handt ; 3 cr.
23469 101 LAB, 10:10-11:50 Th, Twin Cities Remote,
Completely Online; Anette von der Handt ; 3 cr.

5503 Advanced Petrology

(Student Option; Prereq: 2302, CHEM 1061, CHEM
1065, [MATH 1372 or MATH 1272 or MATH 1572])
33129 001 LEC, 13:25-14:15 MWF, Twin Cities Remote,
Completely Online; Marc Hirschmann ; 3 cr.

5980 Seminar: Current Topics in Earth Sciences

(S-N or Audit;)
34609 001 LEC, 15:30-17:00 W, Twin Cities Remote,
Completely Online; Peter K Kang ; 1-4 cr.
35487 002 LEC, Completely Online; Maximiliano Bezada ; 1-4
cr.

East Asian Studies (EAS)

3461 Introduction to East Asia I: The Imperial Age

(Student Option;)

16551 004 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Meets With: 004 HIST 3461; Liping
Wang ; 3-4 cr.

3468 Social Change in Modern China

(Student Option;)
15056 001 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 HIST 3468; Liping
Wang ; 3 cr.

3471 Modern Japan, Meiji to the Present (1868-2000)

(Student Option; HIS)
17846 001 LEC, 13:00-14:15 TTh, Anderson Hall 270, In
Person Term Based; Meets With: 001 HIST 3471; Hiromi
Mizuno ; 3 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)
11420 001 LEC, 12:50-13:40 MWF, Hodson Hall 490,
Partially Online; Jennifer Powers ; 3 cr.

3407 Ecology

(Student Option;)
11681 001 LEC, 08:30-09:20 MW, Twin Cities Remote,
Completely Online; Meets With: 001 EEB 5407; Clarence
Lehman ; 3 cr.
11682 002 LAB, 09:35-12:35 T, Twin Cities Remote,
Completely Online; Meets With: 002 EEB 5407; 3 cr.
11683 003 LAB, 13:55-16:55 T, Twin Cities Remote,
Completely Online; Meets With: 003 EEB 5407; 3 cr.
11684 004 LAB, 12:50-15:50 W, Twin Cities Remote,
Completely Online; Meets With: 004 EEB 5407; 3 cr.
11685 005 LAB, 09:35-12:35 Th, Twin Cities Remote,
Completely Online; Meets With: 005 EEB 5407; 3 cr.
11686 006 LAB, 13:55-16:55 Th, Twin Cities Remote,
Completely Online; Meets With: 006 EEB 5407; 3 cr.
11687 007 LAB, 09:35-12:35 F, Twin Cities Remote,
Completely Online; Meets With: 007 EEB 5407; 3 cr.
11800 008 LAB, 16:30-19:30 W, Twin Cities Remote,
Completely Online; Meets With: 008 EEB 5407; 3 cr.
11866 009 LAB, 09:35-12:35 W, Twin Cities Remote,
Completely Online; Meets With: 009 EEB 5407; 3 cr.
35425 010 LEC, 15:30-16:20 MW, Twin Cities Remote,
Completely Online; Clarence Lehman ; 3 cr.
35427 011 LAB, 09:35-12:35 W, Twin Cities Remote,
Completely Online; 3 cr.
35428 012 LAB, 16:30-19:30 W, Twin Cities Remote,
Completely Online; 3 cr.

3409 Evolution

(Student Option; Prereq: One semester college
biology)
11688 001 LEC, 10:40-11:30 MW, Twin Cities Remote,
Completely Online; Meets With: 001 EEB 5409; William
Harcombe, Jeff Shi ; 3 cr.
11689 005 LAB, Completely Online; Meets With: 002 EEB
5409; 3 cr.
11691 004 LAB, 11:45-14:45 W, Twin Cities Remote,
Completely Online; Meets With: 004 EEB 5409; 3 cr.
11692 007 LAB, 08:30-11:30 F, Twin Cities Remote,
Completely Online; Meets With: 005 EEB 5409; 3 cr.
11835 002 LAB, 09:35-12:35 Th, Twin Cities Remote,
Completely Online; Meets With: 006 EEB 5409; 3 cr.
11836 003 LAB, 13:55-16:55 T, Twin Cities Remote,
Completely Online; Meets With: 007 EEB 5409; 3 cr.

3701 EEB Seminar

(S-N only;)
11900 001 LEC, 15:30-17:00 W, Twin Cities Remote,
Completely Online; R. Denison ; 1 cr.

4129 Mammalogy

(A-F or Audit; Prereq: Biol 1001 or Biol 2012)
11534 001 LEC, 10:15-11:30 TTh, Twin Cities Remote,
Completely Online; Sharon Jansa ; 4 cr.
11535 002 LAB, 13:00-16:00 T, Twin Cities Remote,
Completely Online; 4 cr.
11536 003 LAB, 09:35-12:35 W, Twin Cities Remote,
Completely Online; 4 cr.
11550 004 LAB, 13:00-16:00 Th, Twin Cities Remote,
Completely Online; 4 cr.

4329 Primate Ecology and Social Behavior

(A-F or Audit; Prereq: BIOL 1009 or BIOL 1951 or BIOL
3411 or ANTH 1001 or instr consent)

34522 001 DIS, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 ANTH 4329; Michael
Wilson ; 3 cr.

4609W Ecosystem Ecology

(Student Option; Prereq: Biol 3407 or instr
consentENV,WI)
11634 001 LEC, 09:35-10:25 MW, Twin Cities Remote,
Completely Online; Meets With: 001 EEB 5609; Sarah
Hobbie ; 3 cr.
11635 002 DIS, 09:35-10:25 F, ONLINE BLENDED, Partially
Online; Sarah Hobbie ; 3 cr.

4793W Directed Studies: Writing Intensive

(S-N or Audit; Prereq: instr consent, dept consentWI)
11527 001 IND, 00:00-00:00 , , In Person Term Based; 1-7
cr.

4794W Directed Research: Writing Intensive

(S-N only; Prereq: department consent, instructor
consent, no more than 7 credits of 4793, 4794, 4993W,
4994W counts towards CBS major requirements.WI)
11528 001 IND, 00:00-00:00 , , In Person Term Based; 1-7
cr.

4993 Directed Studies

(S-N only; Prereq: department consent, instructor
consent, no more than 7 credits of 4793W, 4794W,
4993, 4994 counts towards CBS major requirements.)
11499 001 IND, 00:00-00:00 , , In Person Term Based; 1-7
cr.

4994 Directed Research

(S-N only; Prereq: department consent, instructor
consent, no more than 7 credits of 4793W, 4794W,
4993, 4994 counts towards CBS major requirements.)
11500 001 IND, 00:00-00:00 , , In Person Term Based; 1-6
cr.

5042 Quantitative Genetics

(A-F only; Prereq: [BIOL 4003 or GCD 3022] or instr
consent; a course in statistics is recommended)
11841 001 LEC, 08:45-10:00 TTh, Twin Cities Remote,
Completely Online; Ruth Shaw ; 3 cr.

5407 Ecology

(Student Option; Prereq: [Math 1142, 1241, 1271 or
equivalent])
11698 001 LEC, 08:30-09:20 MW, Twin Cities Remote,
Completely Online; Meets With: 001 EEB 3407; Clarence
Lehman ; 3 cr.
11699 002 LAB, 09:35-12:35 T, Twin Cities Remote,
Completely Online; Meets With: 002 EEB 3407; 3 cr.
11700 003 LAB, 13:55-16:55 T, Twin Cities Remote,
Completely Online; Meets With: 003 EEB 3407; 3 cr.
11701 004 LAB, 12:50-15:50 W, Twin Cities Remote,
Completely Online; Meets With: 004 EEB 3407; 3 cr.
11702 005 LAB, 09:35-12:35 Th, Twin Cities Remote,
Completely Online; Meets With: 005 EEB 3407; 3 cr.
11703 006 LAB, 13:55-16:55 Th, Twin Cities Remote,
Completely Online; Meets With: 006 EEB 3407; 3 cr.
11704 007 LAB, 09:35-12:35 F, Twin Cities Remote,
Completely Online; Meets With: 007 EEB 3407; 3 cr.
11801 008 LAB, 16:30-19:30 W, Twin Cities Remote,
Completely Online; Meets With: 008 EEB 3407; 3 cr.
11897 009 LAB, 09:35-12:35 W, Twin Cities Remote,
Completely Online; Meets With: 009 EEB 3407; 3 cr.
35426 010 LEC, 15:30-16:20 MW, Twin Cities Remote,
Completely Online; Clarence Lehman ; 3 cr.

5409 Evolution

(Student Option; Prereq: One semester college
biology)
11705 001 LEC, 10:40-11:30 MW, Twin Cities Remote,
Completely Online; Meets With: 001 EEB 3409; William
Harcombe, Jeff Shi ; 3 cr.
11706 002 LAB, Completely Online; Meets With: 005 EEB
3409; 3 cr.
11707 003 LAB, 13:55-16:55 Th, Twin Cities Remote,
Completely Online; Meets With: 006 EEB 3409; 3 cr.
11708 004 LAB, 11:45-14:45 W, Twin Cities Remote,
Completely Online; Meets With: 004 EEB 3409; 3 cr.
11838 007 LAB, 13:55-16:55 T, Twin Cities Remote,
Completely Online; Meets With: 003 EEB 3409; 3 cr.

5601 Limnology

(Student Option; Prereq: Grad student or instr consent)
33261 001 LEC, 11:45-13:00 TTh, Twin Cities Remote,
Completely Online; Jacques Finlay ; 3 cr.

5609 Ecosystem Ecology

(Student Option; Prereq: [Biol 3407 or Biol 5407] or
instr consent)

11640 001 LEC, 09:35-10:25 MW, Twin Cities Remote, Completely Online; Meets With: 001 EEB 4609W; Sarah Hobbie ; 3 cr.

11641 002 DIS, 09:35-10:25 Th, ONLINE BLENDED, Partially Online; Sarah Hobbie ; 3 cr.

Economics (ECON)

1101 Principles of Microeconomics

(Student Option; Prereq: knowledge of plane geometry and advanced algebraGP,SOCS)

14001 001 LEC, Completely Online; Fahima Aziz ; 4 cr.
 14002 002 DIS, Completely Online; 4 cr.
 14003 003 DIS, Completely Online; 4 cr.
 14004 004 DIS, Completely Online; 4 cr.
 14005 005 DIS, Completely Online; 4 cr.
 14006 006 DIS, Completely Online; 4 cr.
 14007 008 DIS, Completely Online; 4 cr.
 14008 009 DIS, Completely Online; 4 cr.
 14009 011 DIS, Completely Online; 4 cr.
 14010 013 DIS, Completely Online; 4 cr.
 14011 018 DIS, Completely Online; 4 cr.
 14012 019 DIS, Completely Online; 4 cr.
 14013 020 DIS, Completely Online; 4 cr.
 14014 021 DIS, Completely Online; 4 cr.
 14015 022 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Fahima Aziz ; 4 cr.
 14016 025 DIS, 09:00-09:50 F, Twin Cities Remote, Completely Online; 4 cr.
 14017 026 DIS, 09:00-09:50 F, Twin Cities Remote, Completely Online; 4 cr.
 14018 027 DIS, 09:00-09:50 F, Twin Cities Remote, Completely Online; 4 cr.
 14019 028 DIS, 11:30-12:20 F, Twin Cities Remote, Completely Online; 4 cr.
 14020 029 DIS, 11:30-12:20 F, Twin Cities Remote, Completely Online; 4 cr.
 14022 042 DIS, 13:35-14:25 F, Twin Cities Remote, Completely Online; 4 cr.
 14023 044 LEC, 15:00-16:15 TTh, Twin Cities Remote, Completely Online; 4 cr.
 14205 032 DIS, 11:30-12:20 F, Twin Cities Remote, Completely Online; 4 cr.
 14460 037 DIS, 12:20-13:10 F, Twin Cities Remote, Completely Online; 4 cr.
 14461 043 DIS, 12:25-13:15 F, Twin Cities Remote, Completely Online; 4 cr.
 14462 045 DIS, 16:30-17:20 Th, Twin Cities Remote, Completely Online; 4 cr.
 14548 033 DIS, 12:20-13:10 F, Twin Cities Remote, Completely Online; 4 cr.
 14551 054 LEC, 15:00-16:15 TTh, Twin Cities Remote, Completely Online; 4 cr.
 14552 055 DIS, 16:30-17:20 Th, Twin Cities Remote, Completely Online; 4 cr.
 15101 035 DIS, 13:25-14:15 F, Twin Cities Remote, Completely Online; 4 cr.
 15346 062 LEC, 15:00-16:15 MW, Twin Cities Remote, Completely Online; 4 cr.
 15347 063 DIS, 15:00-15:50 Th, Twin Cities Remote, Completely Online; 4 cr.
 15348 065 DIS, 15:00-15:50 Th, Twin Cities Remote, Completely Online; 4 cr.
 15371 066 LEC, 15:00-16:15 MW, Twin Cities Remote, Completely Online; 4 cr.
 15372 067 DIS, 15:00-15:50 Th, Twin Cities Remote, Completely Online; 4 cr.
 15373 068 DIS, 15:00-15:50 Th, Twin Cities Remote, Completely Online; 4 cr.
 15485 072 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; 4 cr.
 15486 074 DIS, 17:30-18:20 Th, Twin Cities Remote, Completely Online; 4 cr.
 15502 075 DIS, 17:30-18:20 Th, Twin Cities Remote, Completely Online; 4 cr.
 15825 016 DIS, Completely Online; 4 cr.
 15826 034 DIS, 12:20-13:10 F, Twin Cities Remote, Completely Online; 4 cr.
 16068 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Thomas May ; 4 cr.
 16626 015 DIS, Completely Online; 4 cr.
 16627 023 DIS, 08:00-08:50 F, Twin Cities Remote, Completely Online; 4 cr.
 17329 012 DIS, Completely Online; 4 cr.
 17330 024 DIS, 08:00-08:50 F, Twin Cities Remote, Completely Online; 4 cr.
 17427 077 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; 4 cr.
 18205 080 LEC, 16:30-17:45 MW, Twin Cities Remote, Completely Online; 4 cr.
 18206 081 DIS, 18:00-18:50 W, Twin Cities Remote, Completely Online; 4 cr.
 18241 082 DIS, 17:30-18:20 Th, Twin Cities Remote, Completely Online; 4 cr.

1102 Principles of Macroeconomics

(Student Option; Prereq: [1101 or equiv], knowledge of plane geometry and advanced algebra)

14024 001 LEC, Completely Online; 4 cr.
 14025 002 DIS, 08:00-08:50 F, Twin Cities Remote, Completely Online; 4 cr.
 14026 003 DIS, 08:00-08:50 F, Twin Cities Remote, Completely Online; 4 cr.
 14027 004 DIS, 09:00-09:50 F, Twin Cities Remote, Completely Online; 4 cr.
 14028 005 DIS, 09:00-09:50 F, Twin Cities Remote, Completely Online; 4 cr.
 14029 007 DIS, 11:15-12:05 F, Twin Cities Remote, Completely Online; 4 cr.
 14030 030 LEC, 09:45-11:00 , ONLINE, Completely Online; 4 cr.
 14434 032 LEC, Completely Online; 4 cr.
 14463 031 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; 4 cr.
 14464 033 DIS, 16:00-16:50 F, Twin Cities Remote, Completely Online; 4 cr.
 15374 036 DIS, 16:00-16:50 F, Twin Cities Remote, Completely Online; 4 cr.
 15512 039 LEC, Completely Online; 4 cr.
 16069 301 LEC, 00:00-00:00 , ONLINE, Completely Online; John Kumcu ; 4 cr.
 16300 006 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; 4 cr.
 16346 040 DIS, 17:00-17:50 F, Twin Cities Remote, Completely Online; 4 cr.

3101 Intermediate Microeconomics

(A-F only; Prereq: [[1101, 1102] or equiv], [MATH 1271 or equiv])

13732 001 LEC, Completely Online; 4 cr.
 13733 002 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; 4 cr.
 13734 004 DIS, 09:05-09:55 F, Twin Cities Remote, Completely Online; 4 cr.
 13735 006 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; 4 cr.
 14261 005 DIS, 09:05-09:55 F, Twin Cities Remote, Completely Online; 4 cr.
 15806 007 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; 4 cr.
 15807 008 DIS, 11:15-12:05 F, Twin Cities Remote, Completely Online; 4 cr.
 15822 009 DIS, 11:15-12:05 F, Twin Cities Remote, Completely Online; 4 cr.
 17137 003 DIS, 08:00-08:50 F, Twin Cities Remote, Completely Online; 4 cr.

3102 Intermediate Macroeconomics

(A-F only; Prereq: 3101 or equiv)

13736 002 LEC, 17:00-19:00 MW, Twin Cities Remote, Completely Online; 4 cr.
 15361 004 LEC, 16:00-18:00 TTh, Twin Cities Remote, Completely Online; 4 cr.
 16293 005 LEC, 08:00-09:55 TTh, Twin Cities Remote, Completely Online; 4 cr.
 17315 001 LEC, 14:30-16:30 MW, Twin Cities Remote, Completely Online; 4 cr.

3896 Internship for Academic Credit

(Student Option;)

35062 001 FWK, Completely Online; Annie Bigley ; 1-4 cr.

3951 Economics Capstone

(A-F only; Prereq: 3101, 3102, [STAT 3011 or equiv], [STAT 3022 or equiv], two [3xxx or 4xxx] ECON courses, at least one 4xxx ECON writing intensive course, freshman writing requirement satisfied)

13738 001 IND, 08:15-09:30 WF, Twin Cities Remote, Completely Online; 2 cr.

3991 Independent Study

(A-F or Audit; Prereq: 3101, 3102, dept consent)

13739 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

3993 Directed Studies

(Student Option; Prereq: 3101, 3102, 4261, two semesters of statistics)

13740 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

4108 Advanced Game Theory and Applications

(A-F only; Prereq: [[3102]] or equiv], [[MATH 1271, MATH 1272] or equiv]; students should have successfully completed two 4xxx level UMNTC economics courses.)

16373 001 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Anmol Bhandari ; 4 cr.

4115 Uncertainty and Information

(A-F only; Prereq: [[3101, 3102]] or equiv], [[MATH 1271, MATH 1272, and Math 2243] or equiv]; strongly suggest students complete Stat 4101 before taking this course; students should have successfully completed two 4xxx level UMNTC economics courses.)

33368 001 LEC, 17:00-17:50 T, Carlson School of Mgmt 1-135, 16:00-18:30 Th, Carlson School of Mgmt 1-135, In Person Term Based; Beth Allen ; 4 cr.

4118 Advanced Mathematical Economics

(A-F only; Prereq: [3101, 3102 or equiv], [MATH 1271, MATH 1272, MATH 2243 or equiv]. Students should have completed at least two upper division economics courses.)

33369 001 LEC, 17:00-17:50 M, Twin Cities Remote, 16:00-18:30 W, Twin Cities Remote, Completely Online; Beth Allen ; 4 cr.

4161 Microeconomic Analysis I

(A-F only; Prereq: 3101, 3102, MATH 2243, MATH 2263, [[STAT 4101, STAT 4102] or equiv], dept consent)

14049 001 LEC, 14:30-15:45 TTh, Carlson School of Mgmt L-110, In Person Term Based; Jan Werner ; 2 cr.
 14050 002 DIS, 16:30-17:45 W, Anderson Hall 370, In Person Term Based; 2 cr.

4162 Microeconomic Analysis II

(A-F or Audit; Prereq: 3101, 3102, 4161, MATH 2243, MATH 2263, [[STAT 4101, STAT 4102] or equiv], dept consent)

14051 001 LEC, 14:30-15:45 TTh, Carlson School of Mgmt L-110, In Person Term Based; Christopher Phelan ; 2 cr.
 14052 002 DIS, 16:30-17:45 W, Hanson Hall 1-108, In Person Term Based; 2 cr.

4165 Macroeconomic Theory

(Student Option; Prereq: 3101, 3102, MATH 2243, MATH 2263, [[STAT 4101, STAT 4102] or equiv], dept consent)

14058 002 DIS, 16:10-17:25 T, Carlson School of Mgmt L-110, Partially Online; Meets With: 002 ECON 8105; 2 cr.

4166 Macroeconomic Theory

(Student Option; Prereq: 3101, 3102, 4165, MATH 2243, MATH 2263, [[STAT 4101, STAT 4102] or equiv], dept consent)

14060 002 DIS, 16:15-17:30 T, Carlson School of Mgmt L-110, Partially Online; Meets With: 002 ECON 8106; 2 cr.

4211 Principles of Econometrics

(Student Option; Prereq: [3101 or equiv], [Stat 3011 or equivalent, Stat 3022 or equivalent] or higher level Stat courses))

13741 001 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; 4 cr.
 13742 002 DIS, 13:25-14:15 T, Twin Cities Remote, Completely Online; 4 cr.

4261 Introduction to Econometrics

(A-F or Audit; Prereq: [3101 or equiv], [MATH 1271, Math 1272] or equiv], Math 2243, Math 2263, [[Stat 4101, Stat 4102] or [Stat 5101, Stat 5102]]; Math 4242 strongly recommended)

13743 001 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; 4 cr.
 13744 002 DIS, 17:30-18:20 Th, Twin Cities Remote, Completely Online; 4 cr.
 16628 003 DIS, 17:30-18:20 Th, Twin Cities Remote, Completely Online; 4 cr.

4311 Economy of Latin America

(Student Option; Prereq: [1101, 1102] or equiv)

15762 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; 3 cr.

4317 The Chinese Economy

(A-F only;)

16930 001 LEC, 17:00-18:15 MW, Twin Cities Remote, Completely Online; 3 cr.

4331W Economic Development

(Student Option; Prereq: [[3101, 3102] or equiv], completion of freshman writing practiceWI)

14262 001 LEC, 17:15-19:45 Th, Twin Cities Remote, Completely Online; Per Malmberg ; 3 cr.
 14629 002 LEC, 16:00-17:15 MW, Twin Cities Remote, Completely Online; 3 cr.

4341 Economics of Poverty and Income Inequality

(A-F only;)

34729 001 LEC, 14:30-15:45 MW, ONLINE BLENDED, 14:30-15:45 MW, Blegen Hall 255, Partially Online; Fahima Aziz ; 3 cr.

5415 Counseling Children and Adolescents

(A-F or Audit; Prereq: Grad student or MEd student or K-12 [counseling endorsement or licensure] student)

34254 001 LEC, 16:40-19:20 Th, Akerman Hall 319, In Person Term Based; Leah Shanks ; 3 cr.

5416 Introduction to Clinical Mental Health Counseling

(A-F only;)

33984 001 LEC, 16:40-19:20 M, Twin Cities Remote, Completely Online; Jenna Jovellana ; 3 cr.

5435 Introduction to School Counseling

(A-F only; Prereq: CSPP grad student in school counselor prog or instr consent)

33982 001 LEC, 16:40-19:20 M, Peik Hall 28, In Person Term Based; Emily Colton ; 3-6 cr.

5436 Crisis Management and Consulting in Schools

(A-F or Audit; Prereq: CSPP grad student in school counselor program or instr consent)

12199 001 LEC, Completely Online; Cristina Silva Gleason ; 3 cr.

5483 Internship I

(A-F or Audit;)

11951 001 FWK, 09:00-10:00 W, Bruininks Hall 131B, In Person Term Based; Kelli Howard ; 3 cr.

12162 003 FWK, 16:30-18:30 W, Twin Cities Remote, Completely Online; Carolyn Berger ; 3 cr.

5613 Foundations of Special Education I

(A-F or Audit; DSJ)

11949 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Robert Henery ; 3 cr.

12571 003 LEC, 16:40-19:20 T, Twin Cities Remote, Completely Online; Kathy Seifert ; 3 cr.

5614W Assessment and Due Process in Special Education

(A-F or Audit; WI)

13163 001 LEC, 16:40-19:30 M, Twin Cities Remote, Completely Online; Kathy Seifert ; 3 cr.

5616W Classroom Management and Behavior Analytic Problem Solving (Student Option; WI)

11946 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Robert Henery ; 3 cr.

12572 003 LEC, 16:40-19:20 M, Twin Cities Remote, Completely Online; Amy Leinen ; 3 cr.

13183 002 LEC, 14:30-15:45 Th, Twin Cities Remote, Completely Online; Marc Markell ; 3 cr.

5618 Specialized Interventions for Students With Mild/Moderate Disabilities in Reading & Written Language

(A-F or Audit;)

12860 001 DIS, 16:40-19:20 W, Twin Cities Remote, Completely Online; Michele Rogers ; 3 cr.

5625 Education of Infants, Toddlers, and Preschool Children with Disabilities: Introduction

(A-F or Audit;)

11947 001 LEC, Completely Online; Lisa Rodenkirchen, Kate Rauchman ; 2 cr.

5631 Module 1: Introduction to Augmentative and Alternative Communication

(A-F only;)

12796 001 LEC, Completely Online; Brenna Pham ; 1 cr.

5632 Module 2: Evidence-based Methods for AAC Assessment and Intervention

(A-F only;)

12862 001 LEC, Completely Online; Brenna Pham ; 2 cr.

5638 Core Practices in Special Education: IEP Writing

(S-N only;)

13461 001 LEC, Completely Online; Robert Henery ; 1 cr.

5641 Foundations of Deaf Education

(A-F only;)

13107 001 LEC, 16:40-19:20 M, Burton Hall 120, 16:40-19:20 M, ONLINE BLENDED, Primarily Online; Brynn Roemen ; 3 cr.

5643 Seminar: Identity, Culture and Diversity in Deaf Education

(A-F only;)

13206 001 DIS, 16:40-18:20 T, Lrng & Environmental Sci 140C, 16:40-18:20 T, ONLINE BLENDED, Partially Online; Debbie Golos ; 2 cr.

5644 Early Childhood Language and Literacy Development and Best Practices: Deaf and Hard of Hearing

(A-F only; Prereq: Preservice teacher in deaf education licensing program or instr consent)

13108 001 LEC, 16:40-19:20 W, Lrng & Environmental Sci 140C, 16:40-19:20 W, ONLINE BLENDED, Partially Online; Debbie Golos ; 3 cr.

5652 Incorporating Academic ASL in the Classroom: Deaf and Hard of Hearing

(A-F only;)

13207 001 LEC, 16:40-19:20 W, Lrng & Environmental Sci 140B, 16:40-19:20 W, ONLINE BLENDED, Partially Online; Janet Caven ; 3 cr.

5653 ASL/English Structure and Application

(A-F only;)

13109 001 LEC, 16:40-19:20 Th, Lrng & Environmental Sci 140C, 16:40-19:20 Th, ONLINE BLENDED, Partially Online; Janet Caven, Anna Broadrick ; 3 cr.

5657 Interventions for Behavioral Problems in School Settings

(A-F or Audit;)

13078 001 LEC, 16:40-19:20 T, Twin Cities Remote, Completely Online; Robert Henery ; 3 cr.

5659 Foundations of Behavior Analysis

(A-F only;)

13208 001 LEC, 10:10-12:10 M, Twin Cities Remote, Completely Online; Rebecca Kolb ; 3 cr.

5661 Introduction to Autism Spectrum Disorder

(A-F only;)

12426 001 LEC, 16:40-19:20 W, Twin Cities Remote, Completely Online; M. Y. Savana Bak ; 3 cr.

5699 Experimental Teaching Seminar

(A-F only; Prereq: instr consent)

12957 001 LEC, 16:40-18:20 W, Twin Cities Remote, Completely Online; Robert Henery, Brenna Rudolph ; 2 cr.

5701 Practicum: Field Experience in General Education - Inclusive Classrooms

(S-N only;)

12108 001 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;)

12970 001 FWK, In Person Term Based; Charissa O'Neill ; 1-2 cr.

13001 002 FWK, In Person Term Based; Charissa O'Neill ; 1-2 cr.

13002 003 FWK, In Person Term Based; Janet Caven, Brynn Roemen ; 1-2 cr.

13003 004 FWK, In Person Term Based; Janet Caven, Brynn Roemen ; 1-2 cr.

5705 Practicum: Special Ed Field Experience in Early Childhood SpEd (ECSE) & Elementary School Classrooms

(S-N only;)

12814 001 FWK, In Person Term Based; Charissa O'Neill ; 1-2 cr.

12815 002 FWK, In Person Term Based; Charissa O'Neill ; 1-2 cr.

13039 003 FWK, In Person Term Based; Janet Caven, Brynn Roemen ; 1-2 cr.

13040 004 FWK, In Person Term Based; Janet Caven, Brynn Roemen ; 1-2 cr.

5708 Practicum in Moderate to Severe Emotional/Behavioral Disorders

(S-N only;)

34459 001 FWK, Completely Online; Meets With: 001 EPSY 5761001 EPSY 5762001 EPSY 5741001 EPSY 5756001 EPSY 5755; Michelle Marchant-Wood ; 2 cr.

5741 Student Teaching: Academic and Behavioral Strategist

(S-N only; Prereq: Special education licensure program or instr consent)

12956 001 FWK, Completely Online; Meets With: 001 EPSY 5761001 EPSY 5762001 EPSY 5756001 EPSY 5755001 EPSY 5708; Michelle Marchant-Wood ; 3-6 cr.

5755 Student Teaching: Developmental Disabilities, Mild/Moderate

(A-F or Audit; Prereq: Completion of all licensure coursework, instr consent)

33479 001 FWK, Completely Online; Meets With: 001 EPSY 5761001 EPSY 5762001 EPSY 5741001 EPSY 5756001 EPSY 5708; Michelle Marchant-Wood ; 1-6 cr.

5756 Student Teaching: Developmental Disabilities, Moderate/Severe

(A-F or Audit; Prereq: Completion of all licensure coursework, instr consent)

13238 001 FWK, Completely Online; Meets With: 001 EPSY 5761001 EPSY 5762001 EPSY 5741001 EPSY 5755001 EPSY 5708; Michelle Marchant-Wood ; 1-6 cr.

5761 Student Teaching in Early Childhood Special Education Settings for Children Aged Three to Five Years

(S-N only; Prereq: Licensure candidate in Early Childhood/Early Childhood Licensure Program, completion of all other licensure requirements for ECSE, instr consent; completion of Birth-3 student teaching should be completed after age 3-5 student teaching when possible)

12601 001 FWK, Completely Online; Meets With: 001 EPSY 5762001 EPSY 5741001 EPSY 5756001 EPSY 5755001 EPSY 5708; Michelle Marchant-Wood ; 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)

12602 001 FWK, Completely Online; Meets With: 001 EPSY 5761001 EPSY 5741001 EPSY 5756001 EPSY 5755001 EPSY 5708; Michelle Marchant-Wood ; 3 cr.

5764 Practicum in Special Education: IEP Process

(S-N only;)

33744 001 FWK, In Person Term Based; Robert Henery ; 2 cr.

5991 Independent Study in Educational Psychology

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

12044 001 IND, 16:40-18:20 Th, Twin Cities Remote, Completely Online; Michelle Marchant-Wood ; 1-8 cr.

12045 002 IND, Independent/Directed Study; 1-8 cr.

12046 003 IND, Independent/Directed Study; 1-8 cr.

12047 004 IND, Independent/Directed Study; 1-8 cr.

12942 005 IND, Independent/Directed Study; 1-8 cr.

13165 006 IND, 16:40-18:20 Th, Twin Cities Remote, Independent/Directed Study; 1-8 cr.

Educational/Human Development (EDHD)**1525V First-Year Inquiry: Multidisciplinary Ways of Knowing**

(A-F only; Prereq: CEHD student, honors, 1st-term frWI)

13162 001 LEC, 11:45-13:10 TTh, Twin Cities Remote, Completely Online; K.C. Harrison ; 4 cr.

1525W First-Year Inquiry: Multidisciplinary Ways of Knowing

(A-F only; WI)

13019 001 LEC, 09:05-11:00 TTh, Twin Cities Remote, Completely Online; Andrea Silva ; 4 cr.

13020 002 LEC, Completely Online; Ezra Hyland ; 4 cr.

13021 003 LEC, Completely Online; Andrea Silva ; 4 cr.

13022 004 LEC, 09:05-11:00 M, Bruininks Hall 220, Partially Online; Abigail Rombalski ; 4 cr.

13023 006 LEC, 11:15-13:10 WF, ONLINE BLENDED, 11:15-13:10 WF, Elliott Hall N119, Partially Online; Rose Vukovic ; 4 cr.

13025 008 LEC, 11:15-13:10 MW, ONLINE BLENDED, 11:15-13:10 MW, Appleby Hall 103, Partially Online; Anthony Albecker ; 4 cr.

13026 009 LEC, 12:20-14:15 MW, Twin Cities Remote, Completely Online; Jessica Thompson ; 4 cr.

13027 010 LEC, 11:15-13:10 TTh, Twin Cities Remote, Completely Online; Colleen Clements ; 4 cr.

13028 011 LEC, 11:15-13:10 M, Bruininks Hall 432, Partially Online; Abigail Rombalski ; 4 cr.

13031 014 LEC, Completely Online; Molly Rojas Collins ; 4 cr.

13032 015 LEC, 11:15-13:10 TTh, Twin Cities Remote, Completely Online; Andrea Silva ; 4 cr.

13033 017 LEC, 09:05-11:00 TTh, Twin Cities Remote, Completely Online; Nate Whittaker ; 4 cr.

13034 018 LEC, 09:05-11:00 TTh, ONLINE BLENDED, 09:05-11:00 TTh, Elliott Hall N119, Partially Online; Ezra Hyland ; 4 cr.

13376 019 LEC, 09:35-11:30 TTh, Twin Cities Remote, Completely Online; K.C. Harrison ; 4 cr.

13377 021 LEC, 13:25-15:20 TTh, ONLINE BLENDED, 13:25-15:20 TTh, Elliott Hall N119, Partially Online; Rose Vukovic ; 4 cr.

33605 016 LEC, 11:15-13:10 TTh, Twin Cities Remote, Completely Online; Chingla Thao ; 4 cr.

33606 020 LEC, 11:15-13:10 TTh, Twin Cities Remote, Completely Online; Leah Fulton ; 4 cr.

33724 022 LEC, 09:05-11:00 MW, Twin Cities Remote, Completely Online; Margaret Kelly ; 4 cr.

1620 Current Topics: Strategies for Student Success

(Student Option;)

33830 004 LEC, 09:05-11:00 T, Bruininks Hall 131B, In Person Term Based; Jesse Lewis ; 1-4 cr.

33831 005 LEC, 11:15-13:10 W, Bruininks Hall 432, In Person Term Based; Jesse Lewis ; 1-4 cr.

33832 003 LEC, 14:30-16:25 Th, Rapson Hall 45, In Person Term Based; Jonathan Andicoechea ; 1-4 cr.

33834 001 LEC, 12:20-14:15 Th, Rapson Hall 45, In Person Term Based; Tabatha Cruz ; 1-4 cr.

33835 002 LEC, 12:20-14:15 M, Bruininks Hall 131B, In Person Term Based; Jonathan Andicoechea ; 1-4 cr.

1701 Identity, Culture, and College Success (A-F only; Prereq: TRIO or PES student)

12747 001 DIS, 14:30-16:25 T, Twin Cities Remote, Completely Online; Ruth Cardenas ; 1 cr.

12748 002 DIS, 14:30-16:25 T, Twin Cities Remote, Completely Online; Ryan Hanson ; 1 cr.

12749 003 DIS, 14:30-16:25 T, Twin Cities Remote, Completely Online; Ah Vang-Lo ; 1 cr.

12750 004 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; Ruth Cardenas ; 1 cr.

12784 005 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; Ryan Hanson ; 1 cr.

12785 006 DIS, 14:30-15:20 T, ONLINE BLENDED, 14:30-15:20 T, Twin Cities Remote, 14:30-15:20 T, Twin Cities Remote, 14:30-15:20 T, Twin Cities Remote, 14:30-15:20 T, Twin Cities Remote, 14:30-15:20 T, Twin Cities Remote, Partially Online; Tasia Tigue ; 1 cr.

1904 Globalizing your Undergraduate Curriculum

(A-F only; GP,IP)

33418 001 LEC, 17:30-20:30 T, Hubert H. Humphrey School 25, In Person Term Based; Irene Duranczyk ; 3 cr.

Electrical & Computer Eng (EE)

1301 Introduction to Computing Systems (Student Option;)

21316 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; David Orser ; 4 cr.

21317 002 LAB, 10:10-12:05 M, Keller Hall 4-138, In Person Term Based; David Orser ; 4 cr.

21985 003 LAB, 12:20-14:15 M, Keller Hall 4-138, In Person Term Based; David Orser ; 4 cr.

21986 007 LAB, 12:20-14:15 Th, Keller Hall 4-138, In Person Term Based; David Orser ; 4 cr.

23153 004 LAB, 10:10-12:05 W, Keller Hall 4-138, In Person Term Based; David Orser ; 4 cr.

23284 008 LAB, 16:40-18:35 Th, Keller Hall 4-138, In Person Term Based; David Orser ; 4 cr.

23904 009 LAB, 10:10-12:05 F, Keller Hall 4-138, In Person Term Based; David Orser ; 4 cr.

1701 Climate Crisis: Implementing Solutions

(Student Option; TS)

23306 001 LEC, Completely Online; Ned Mohan ; 3 cr.

2015 Signals, 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))

23706 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; William Robbins ; 4 cr.

23707 003 LAB, 10:10-12:05 M, Keller Hall 3-136, In Person Term Based; William Robbins ; 4 cr.

23708 004 LAB, 12:20-14:15 M, Keller Hall 3-136, In Person Term Based; William Robbins ; 4 cr.

23709 005 LAB, 16:40-18:35 M, Keller Hall 3-136, In Person Term Based; William Robbins ; 4 cr.

23710 006 LAB, 16:40-18:35 T, Keller Hall 3-136, In Person Term Based; William Robbins ; 4 cr.

23711 007 LAB, 10:10-12:05 W, Keller Hall 3-136, In Person Term Based; William Robbins ; 4 cr.

23712 008 LAB, 12:20-14:15 W, Keller Hall 3-136, In Person Term Based; William Robbins ; 4 cr.

23713 009 LAB, 16:40-18:35 Th, Keller Hall 3-136, In Person Term Based; William Robbins ; 4 cr.

23715 011 LAB, 10:10-12:05 F, Keller Hall 3-136, In Person Term Based; William Robbins ; 4 cr.

23716 012 LAB, 12:20-14:15 F, Keller Hall 3-136, In Person Term Based; William Robbins ; 4 cr.

23717 020 DIS, 11:15-12:05 T, Twin Cities Remote, Completely Online; William Robbins ; 4 cr.

23718 021 DIS, 12:20-13:10 T, Twin Cities Remote, Completely Online; William Robbins ; 4 cr.

23719 022 DIS, 13:25-14:15 T, Twin Cities Remote, Completely Online; Bethanie Stadler ; 4 cr.

23720 023 DIS, 14:30-15:20 T, Twin Cities Remote, Completely Online; Stephen Campbell ; 4 cr.

34124 024 DIS, 15:35-16:25 T, Twin Cities Remote, Completely Online; Stephen Campbell ; 4 cr.

2115 Analog and Digital Electronics

(Student Option; Prereq: 2015)

33847 001 LEC, 12:20-13:10 MWF, Bruininks Hall 114, In Person Term Based; Emad Ebbini ; 4 cr.

33848 003 LAB, 14:30-16:25 M, Keller Hall 3-136, In Person Term Based; Emad Ebbini ; 4 cr.

33849 004 LAB, 14:30-16:25 W, Keller Hall 3-136, In Person Term Based; Emad Ebbini ; 4 cr.

33850 005 LAB, 16:40-18:35 W, Keller Hall 3-136, In Person Term Based; Emad Ebbini ; 4 cr.

33851 006 LAB, 14:30-16:25 F, Keller Hall 3-136, In Person Term Based; Emad Ebbini ; 4 cr.

33852 020 DIS, 12:20-13:10 T, Tate Hall B50, In Person Term Based; Sang-Hyun Oh ; 4 cr.

33853 021 DIS, 13:25-14:15 T, Bruininks Hall 220, In Person Term Based; Emad Ebbini ; 4 cr.

2301 Introduction to Digital System Design (Student Option; Prereq: [EE 1301 (preferred) or CSCI 1113 or CSCI 1103 or CSci 1133])

20925 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Marc Riedel ; 4 cr.

20926 002 LAB, 10:10-12:05 M, Keller Hall 2-178, In Person Term Based; Marc Riedel ; 4 cr.

20927 003 LAB, 12:20-14:15 M, Keller Hall 2-178, In Person Term Based; Marc Riedel ; 4 cr.

20928 004 LAB, 10:10-12:05 W, Keller Hall 2-178, In Person Term Based; Marc Riedel ; 4 cr.

20929 005 LAB, 12:20-14:15 W, Keller Hall 2-178, In Person Term Based; Marc Riedel ; 4 cr.

20930 006 LAB, 14:30-16:25 W, Keller Hall 2-178, In Person Term Based; Marc Riedel ; 4 cr.

20932 009 LAB, 14:30-16:25 Th, Keller Hall 2-178, In Person Term Based; Marc Riedel ; 4 cr.

22555 020 DIS, 11:15-12:05 T, Twin Cities Remote, Completely Online; 4 cr.

22556 021 DIS, 12:20-13:10 T, Twin Cities Remote, Completely Online; Marc Riedel ; 4 cr.

22557 022 DIS, 14:30-15:20 W, Twin Cities Remote, Completely Online; Gerald Sobelman ; 4 cr.

22558 023 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; David Lilja ; 4 cr.

22856 012 LAB, 10:10-12:05 F, Keller Hall 2-178, In Person Term Based; Marc Riedel ; 4 cr.

23137 013 LAB, 12:20-14:15 F, Keller Hall 2-178, In Person Term Based; Marc Riedel ; 4 cr.

23139 024 DIS, 12:20-13:10 Th, Twin Cities Remote, Completely Online; David Lilja ; 4 cr.

2361 Introduction to Microcontrollers

(Student Option; Prereq: [EE 1301 (preferred) or CSCI 1113 or CSCI 1103 or CSci 1133])

20948 001 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Thomas Posbergh ; 4 cr.

21255 003 LAB, 12:20-14:15 T, Keller Hall 2-182, In Person Term Based; Thomas Posbergh ; 4 cr.

21256 005 LAB, 14:30-16:25 T, Keller Hall 2-182, In Person Term Based; Thomas Posbergh ; 4 cr.

21257 006 LAB, 12:20-14:15 Th, Keller Hall 2-182, In Person Term Based; Thomas Posbergh ; 4 cr.

21515 009 LAB, 14:30-16:25 Th, Keller Hall 2-182, In Person Term Based; Thomas Posbergh ; 4 cr.

22559 020 DIS, 14:30-15:20 M, Twin Cities Remote, Completely Online; Thomas Posbergh ; 4 cr.

22671 022 DIS, 14:30-15:20 T, Twin Cities Remote, Completely Online; Thomas Posbergh ; 4 cr.

3005 Fundamentals of Electrical Engineering

(Student Option)

(Prereq: Math 2243, Phys 1302; not for EE majors)

20938 001 LEC, 14:30-15:20 MWThF, Twin Cities Remote, Completely Online; Daniel Glumac ; 4 cr.

3006 Fundamentals of Electrical Engineering Laboratory

(Student Option; Prereq: Concurrent enrollment in 3005 is allowed but not required)

20939 001 LAB, 10:10-12:05 M, Keller Hall 3-144, In Person Term Based; Daniel Glumac ; 1 cr.

20940 002 LAB, 12:20-14:15 M, Keller Hall 3-144, In Person Term Based; Daniel Glumac ; 1 cr.

20941 004 LAB, 16:40-18:36 M, Keller Hall 3-144, In Person Term Based; Daniel Glumac ; 1 cr.

20942 006 LAB, 12:20-14:15 T, Keller Hall 3-144, In Person Term Based; Daniel Glumac ; 1 cr.

20943 007 LAB, 16:40-18:36 T, Keller Hall 3-144, In Person Term Based; Daniel Glumac ; 1 cr.

20944 008 LAB, 10:10-12:05 W, Keller Hall 3-144, In Person Term Based; Daniel Glumac ; 1 cr.

20945 009 LAB, 12:20-14:15 W, Keller Hall 3-144, In Person Term Based; Daniel Glumac ; 1 cr.

20946 010 LAB, 16:40-18:36 W, Keller Hall 3-144, In Person Term Based; Daniel Glumac ; 1 cr.

21318 005 LAB, 10:10-12:05 T, Keller Hall 3-144, In Person Term Based; Daniel Glumac ; 1 cr.

22268 014 LAB, 16:40-18:36 Th, Keller Hall 3-144, In Person Term Based; Daniel Glumac ; 1 cr.

22269 015 LAB, 10:10-12:05 F, Keller Hall 3-144, In Person Term Based; Daniel Glumac ; 1 cr.

22814 013 LAB, 12:20-14:15 Th, Keller Hall 3-144, In Person Term Based; Daniel Glumac ; 1 cr.

22890 012 LAB, 10:10-12:05 Th, Keller Hall 3-144, In Person Term Based; Daniel Glumac ; 1 cr.

22906 016 LAB, 12:20-14:15 F, Keller Hall 3-144, In Person Term Based; Daniel Glumac ; 1 cr.

3015 Signals and Systems

(Student Option; Prereq: [2115, CSE Upper Division] or dept consent)

21049 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Fikri Goksu ; 3 cr.

21050 002 DIS, 12:20-13:10 M, Twin Cities Remote, Completely Online; Fikri Goksu ; 3 cr.

21051 003 DIS, 13:25-14:15 M, Twin Cities Remote, Completely Online; Fikri Goksu ; 3 cr.

21052 005 DIS, 13:25-14:15 W, Twin Cities Remote, Completely Online; Nicola Elia ; 3 cr.

21053 006 DIS, 14:30-15:20 W, Twin Cities Remote, Completely Online; James Leger ; 3 cr.

3025 Statistical Methods in Electrical and Computer Engineering

(Student Option; Prereq: [3015, CSE upper division] or instr approval)

20935 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Soheil Mohajer ; 3 cr.

20936 002 DIS, 14:30-15:20 T, Twin Cities Remote, Completely Online; Soheil Mohajer ; 3 cr.

20937 003 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; Keshab Parhi ; 3 cr.

21989 004 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; Donatello Materassi ; 3 cr.

3041 Industrial Assignment I

(A-F only; Prereq: [EE or CompE upper div], enrolled in ECE co-op program)

22289 001 FWK, 00:00-00:00 , , Independent/Directed Study; Ted Higman ; 2 cr.

3101 Signals, Circuits and Electronics Laboratory

(A-F only; Prereq: [2115, &3015, &3115, CSE Upper Division] or dept consent)

21056 001 LAB, 09:05-09:55 T, Keller Hall 3-136, In Person Term Based; Emad Ebbini ; 1 cr.

21057 003 LAB, 11:15-12:05 T, Keller Hall 3-136, In Person Term Based; Emad Ebbini ; 1 cr.

21058 004 LAB, 14:30-15:20 T, Keller Hall 3-136, In Person Term Based; Emad Ebbini ; 1 cr.

21059 006 LAB, 15:35-16:25 T, Keller Hall 3-136, In Person Term Based; Emad Ebbini ; 1 cr.
 21060 008 LAB, 09:05-09:55 Th, Keller Hall 3-136, In Person Term Based; Emad Ebbini ; 1 cr.
 21061 009 LAB, 10:10-11:00 Th, Keller Hall 3-136, In Person Term Based; Emad Ebbini ; 1 cr.
 21991 002 LAB, 10:10-11:00 T, Keller Hall 3-136, In Person Term Based; Emad Ebbini ; 1 cr.
 23897 011 LAB, 11:15-12:05 Th, Keller Hall 3-136, In Person Term Based; Emad Ebbini ; 1 cr.
 23898 012 LAB, 14:30-15:20 Th, Keller Hall 3-136, In Person Term Based; Emad Ebbini ; 1 cr.

3102 Circuits and Electronics Laboratory II
(Student Option; Prereq: [3101 or CSE or dept consent], attendance first day of class.)

21062 001 DIS, 14:30-15:25 T, Twin Cities Remote, Completely Online; Ted Higman ; 2 cr.
 21319 005 LAB, 14:30-16:25 Th, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.
 21994 004 LAB, 14:30-16:25 W, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.
 22976 002 LAB, 14:30-16:25 M, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.
 23261 006 LAB, 14:30-16:25 F, Keller Hall 3-144, In Person Term Based; Ted Higman ; 2 cr.

3115 Analog Electronics

(Student Option; Prereq: [EE 2115, &EE 3015, CSE upper division] or dept consent)

21063 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Ted Higman ; 3 cr.
 21064 002 DIS, 09:45-10:35 T, Twin Cities Remote, Completely Online; Ramesh Harjani ; 3 cr.
 21065 003 DIS, 13:00-13:50 T, Twin Cities Remote, Completely Online; Jungwon Choi ; 3 cr.
 21066 004 DIS, 11:15-12:05 W, Twin Cities Remote, Completely Online; Ted Higman ; 3 cr.
 21067 005 DIS, 12:20-13:10 W, Twin Cities Remote, Completely Online; Ted Higman ; 3 cr.
 22812 007 DIS, 09:45-10:35 Th, Twin Cities Remote, Completely Online; Ramesh Harjani ; 3 cr.

3161 Semiconductor Devices

(Student Option; Prereq: Upper div CSE, 2115, Phys 1302, Phys 2303 or Chem 1022)

21099 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Steven Koester ; 3 cr.
 21100 002 DIS, 13:25-14:15 W, Tate Hall B50, In Person Term Based; Steven Koester ; 3 cr.
 21101 003 DIS, 14:30-15:20 W, Rapson Hall 100, In Person Term Based; Steven Koester ; 3 cr.

3601 Transmission Lines, Fields, and Waves

(Student Option; Prereq: [2015, [Math 2374 or Math 2263 or Math 2574H or Math 3584H], [Phys 1302 or Phys 1402], CSE] or dept consent)

21054 001 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Tony Low ; 3 cr.
 21055 002 DIS, 13:25-14:15 W, Twin Cities Remote, Completely Online; Tony Low ; 3 cr.
 21990 004 DIS, 14:30-15:20 W, Twin Cities Remote, Completely Online; Yahya Tousi ; 3 cr.

3990 Curricular Practical Training

(S-N only; Prereq: instr consent, undergrad EE or CompE major)

22271 001 FWK, 00:00-00:00 , Independent/Directed Study; James Leger ; 1-2 cr.

4044 Industrial Assignment III

(A-F only; Prereq: 4043W)

22288 001 FWK, 00:00-00:00 , Independent/Directed Study; Ted Higman, Frank Kelso ; 2 cr.

4231 Linear Control Systems: Designed by Input/Output Methods

(Student Option; Prereq: [3015, [upper div CSE or grad student in CSE major]] or instr consent)

21078 001 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Meets With: 001 AEM 4321; Donatello Materassi ; 3 cr.

4235 Linear Control Systems Laboratory

(Student Option; Prereq: 4231 or concurrent registration is required (or allowed) in 4231)

21079 003 LAB, 14:30-16:25 W, Keller Hall 2-188, In Person Term Based; murti salapaka ; 1 cr.
 21992 002 LAB, 10:10-12:05 W, Keller Hall 2-188, In Person Term Based; murti salapaka ; 1 cr.
 21993 004 LAB, 14:30-16:25 F, Keller Hall 2-188, In Person Term Based; murti salapaka ; 1 cr.
 23073 001 LAB, 14:30-16:25 M, Keller Hall 2-188, In Person Term Based; murti salapaka ; 1 cr.

4301 Digital Design With Programmable Logic

(Student Option; Prereq: 2301, [1301 or CSCI 1113 or CSCI 1901])

21094 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Thomas Posbergh ; 4 cr.
 21095 002 LAB, 10:10-12:05 W, Keller Hall 2-172, In Person Term Based; Thomas Posbergh ; 4 cr.
 21096 004 LAB, 13:25-15:20 W, Keller Hall 2-172, In Person Term Based; Thomas Posbergh ; 4 cr.
 21097 006 LAB, 10:10-12:05 F, Keller Hall 2-172, In Person Term Based; Thomas Posbergh ; 4 cr.
 21495 007 LAB, 13:25-15:20 F, Keller Hall 2-172, In Person Term Based; Thomas Posbergh ; 4 cr.

4363 Computer Architecture and Machine Organization

(Student Option; Prereq: 2361)

21521 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CSCI 4203; Sachin Sapatnekar ; 4 cr.

4389W Introduction to Predictive Learning

(Student Option; Prereq: [3025, ECE student] or STAT 3022; computer programming or MATLAB or similar environment is recommended for ECE students)

23633 001 LEC, 14:30-15:45 MW, Keller Hall 3-210, In Person Term Based; Meets With: 001 EE 5389; Vladimir Cherkassky ; 3 cr.

4501 Communications Systems

(Student Option; Prereq: 3025)

21226 001 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Abolghassem Mahmoodi ; 3 cr.

4505 Communications Systems Laboratory

(Student Option; Prereq: 4501 or concurrent registration is required (or allowed) in 4501)

21227 001 LAB, 10:10-12:05 T, Keller Hall 2-140, In Person Term Based; Abolghassem Mahmoodi ; 1 cr.
 23001 004 LAB, 13:25-15:20 T, Keller Hall 2-140, In Person Term Based; Abolghassem Mahmoodi ; 1 cr.

4541 Digital Signal Processing

(Student Option; Prereq: [3015, 3025] or instr consent prereq: [3015, 3025] or instr consent)

20947 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Keshab Parhi ; 3 cr.

4616 Antennas: Theory, Analysis, and Design

(Student Option;)

34827 001 LEC, 16:30-17:45 WF, Twin Cities Remote, Completely Online; Meets With: 001 EE 5616; Robert Sainati ; 3 cr.

4623 Introduction to Modern Optics

(Student Option; Prereq: [Phys 2503 or Phys 2303] and [Math 2374 or MATH 2263 or MATH 2573H]; instr consent.)

23836 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 100 PHYS 4623; James Leger ; 3 cr.

4721 Introduction to Power System

Analysis

(Student Option; Prereq: 2011)

22480 001 LEC, 12:45-14:00 TTh, Twin Cities Remote, Completely Online; Sairaj Dhople ; 3 cr.

4722 Power System Analysis Laboratory

(Student Option; Prereq: 4721 or concurrent registration is required (or allowed) in 4721)

22481 001 LAB, 12:20-14:15 W, Twin Cities Remote, Completely Online; Sairaj Dhople ; 1 cr.
 22482 002 LAB, 14:30-16:25 W, Twin Cities Remote, Completely Online; Sairaj Dhople ; 1 cr.

4741 Power Electronics

(Student Option; Prereq: 3015, 3115)

21093 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Jungwon Choi ; 3 cr.

4743 Switch-Mode Power Electronics Laboratory

(Student Option; Prereq: 4741 or concurrent registration is required (or allowed) in 4741)

22024 001 LAB, 14:30-16:25 T, Keller Hall 3-146, In Person Term Based; Jungwon Choi ; 1 cr.
 22025 002 LAB, 16:40-18:35 T, Keller Hall 3-146, In Person Term Based; Jungwon Choi ; 1 cr.

4893 Directed Study

(Student Option; Prereq: dept consent)

21106 001 IND, 00:00-00:00 , In Person Term Based; Jeong-Hyun Cho ; 1-3 cr.
 21829 002 IND, 00:00-00:00 , In Person Term Based; Kia Bazargan ; 1-3 cr.
 21830 003 IND, 00:00-00:00 , In Person Term Based; Stephen Campbell ; 1-3 cr.
 21831 004 IND, 00:00-00:00 , In Person Term Based; Vladimir Cherkassky ; 1-3 cr.
 21832 005 IND, 00:00-00:00 , In Person Term Based; Martina Cardone ; 1-3 cr.
 21833 006 IND, 00:00-00:00 , In Person Term Based; Philip Cohen ; 1-3 cr.
 21834 007 IND, 00:00-00:00 , In Person Term Based; Rhonda Franklin ; 1-3 cr.
 21835 008 IND, 00:00-00:00 , In Person Term Based; Emad Ebbini ; 1-3 cr.
 21836 009 IND, 00:00-00:00 , In Person Term Based; Douglas Ernie ; 1-3 cr.
 21837 010 IND, 00:00-00:00 , In Person Term Based; Changhyun Choi ; 1-3 cr.
 21838 011 IND, 00:00-00:00 , In Person Term Based; Mingyi Hong ; 1-3 cr.
 21839 012 IND, 00:00-00:00 , In Person Term Based; Massoud Amin ; 1-3 cr.
 21840 013 IND, 00:00-00:00 , In Person Term Based; Anand Gopinath ; 1-3 cr.
 21841 014 IND, 00:00-00:00 , In Person Term Based; Ramesh Harjani ; 1-3 cr.
 21842 015 IND, 00:00-00:00 , In Person Term Based; Mehmet Akcakaya ; 1-3 cr.
 21843 016 IND, 00:00-00:00 , In Person Term Based; Ted Higman ; 1-3 cr.
 21846 019 IND, 00:00-00:00 , In Person Term Based; Paul Imbertson ; 1-3 cr.
 21847 020 IND, 00:00-00:00 , In Person Term Based; David Orser ; 1-3 cr.
 21851 024 IND, 00:00-00:00 , In Person Term Based; Mostafa Kaveh ; 1-3 cr.
 21855 028 IND, 00:00-00:00 , In Person Term Based; Chris H. Kim ; 1-3 cr.
 21858 031 IND, 00:00-00:00 , In Person Term Based; James Leger ; 1-3 cr.
 21859 032 IND, 00:00-00:00 , In Person Term Based; David Lilja ; 1-3 cr.
 21860 033 IND, 00:00-00:00 , In Person Term Based; Zhi-Quan Luo ; 1-3 cr.
 21861 034 IND, 00:00-00:00 , In Person Term Based; Ned Mohan ; 1-3 cr.
 21864 037 IND, 00:00-00:00 , In Person Term Based; Sang-Hyun Oh ; 1-3 cr.
 21866 039 IND, 00:00-00:00 , In Person Term Based; Keshab Parhi ; 1-3 cr.
 21869 042 IND, 00:00-00:00 , In Person Term Based; Thomas Posbergh ; 1-3 cr.
 21870 043 IND, 00:00-00:00 , In Person Term Based; Marc Riedel ; 1-3 cr.
 21871 044 IND, 00:00-00:00 , In Person Term Based; William Robbins ; 1-3 cr.
 21875 048 IND, 00:00-00:00 , In Person Term Based; P Ruden ; 1-3 cr.
 21876 049 IND, 00:00-00:00 , In Person Term Based; Sachin Sapatnekar ; 1-3 cr.
 21877 050 IND, 00:00-00:00 , In Person Term Based; murti salapaka ; 1-3 cr.
 21879 052 IND, 00:00-00:00 , In Person Term Based; Gerald Sobelman ; 1-3 cr.
 21880 053 IND, 00:00-00:00 , In Person Term Based; Bethanie Stadler ; 1-3 cr.
 21881 054 IND, 00:00-00:00 , In Person Term Based; Joseph Talghader ; 1-3 cr.
 21884 057 IND, 00:00-00:00 , In Person Term Based; Randall Victoria, Jianping Wang ; 1-3 cr.
 22087 058 IND, 00:00-00:00 , In Person Term Based; Jianping Wang ; 1-3 cr.

4940 Special Topics in Electrical and Computer Engineering

(Student Option; Prereq: CSE or instr consent)

34608 001 IND, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Jarvis Haupt ; 1-4 cr.

4951W Senior Design Project

(Student Option; Prereq: 3015, 3115, 3102, attendance first day of class)

21105 001 LEC, Completely Online; Paul Imbertson ; 4 cr.

4981H Senior Honors Project I

(Student Option; Prereq: ECE honors, sr, instr consent)

21107 001 IND, 14:30-16:25 T, Twin Cities Remote, Completely Online; William Robbins ; 2 cr.

5041 Industrial Assignment for Graduate Students

(S-N only; Prereq: Consent of Advisor and Office of the DGS)

23019 001 FWK, 00:00-00:00 , No Room Required, In Person Term Based; muri salapaka ; 1 cr.

5163 Semiconductor Properties and Devices I

(Student Option; Prereq: [3161, 3601, CSE grad student] or dept consent)

21068 001 LEC, Completely Online; Sang-Hyun Oh ; 3 cr.

5231 Linear Systems and Optimal Control (Student Option; Prereq: [3015, CSE grad student] or instr consent)

21080 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Meets With: 001 AEM 5321; muri salapaka ; 3 cr.

5239 Introduction to Nonlinear Optimization

(Student Option; Prereq: [3025, Math 2373, Math 2374, CSE grad student] or dept consent)

23109 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Mingyi Hong ; 3 cr.

5251 Optimal Filtering and Estimation

(Student Option; Prereq: [[MATH 2243, STAT 3021] or equiv], CSE grad student] or dept consent; 3025, 4231 recommended)

22492 001 LEC, 13:00-14:15 TTh, Keller Hall 3-210, In Person Term Based; Meets With: 001 AEM 5451; Demoz Gebre Egiabher ; 3 cr.

5271 Robot Vision

(Student Option;)

34405 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Changhyun Choi ; 3 cr.

5301 VLSI Design Automation I

(Student Option; Prereq: [2301, CSE grad student] or dept consent)

21098 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Kia Bazargan ; 3 cr.

5323 VLSI Design I

(Student Option; Prereq: [2301, 3115, CSE grad student] or dept consent)

20949 001 LEC, 15:35-16:25 MW, Twin Cities Remote, Completely Online; Chris H. Kim ; 3 cr.

5333 Analog Integrated Circuit Design

(Student Option; Prereq: [3115, CSE grad student] or dept consent)

23173 001 LEC, 08:15-09:30 TTh, Keller Hall 3-230, In Person Term Based; Ramesh Harjani ; 3 cr.

5351 Applied Parallel Programming

(Student Option; Prereq: [4363 or equivalent], programming experience (C/C++ preferred))

34407 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; John Sartori ; 3 cr.

5364 Advanced Computer Architecture

(Student Option; Prereq: [[4363 or CSci 4203], CSE grad student] or dept consent)

34409 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CSCI 5204; Antonia Zhai ; 3 cr.

5389 Introduction to Predictive Learning

(Student Option; Prereq: EE 3025, STAT 3022 or equivalent; computer programming or MATLAB or similar environment is recommended.)

34411 001 LEC, 14:30-15:45 MW, Keller Hall 3-210, In Person Term Based; Meets With: 001 EE 4389W; Vladimir Cherkassky ; 3 cr.

5501 Digital Communication

(Student Option; Prereq: [3025, 4501, CSE grad student] or dept consent)

23467 001 LEC, 11:15-12:30 TTh, Keller Hall 3-210, In Person Term Based; Martina Cardone ; 3 cr.

5531 Probability and Stochastic Processes

(Student Option; Prereq: [3025, CSE grad student] or dept consent)

21092 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Massoud Amin ; 3 cr.

5601 Introduction to RF/Microwave Engineering

(Student Option; Prereq: [3601, CSE grad student] or dept consent)

23811 001 LEC, 13:00-14:15 MW, Keller Hall 3-210, In Person Term Based; Rhonda Franklin ; 3 cr.

5616 Antenna Theory and Design

(Student Option; Prereq: [[5601 or concurrent registration is required (or allowed) in 5601], CSE grad student] or dept consent)

33836 001 LEC, 16:30-17:45 WF, Twin Cities Remote, Completely Online; Meets With: 001 EE 4616; Robert Sainati ; 3 cr.

5627 Optical Fiber Communication

(Student Option; Prereq: [3015, 3601, CSE grad student] or dept consent)

33838 001 LEC, 14:30-15:45 TTh, Keller Hall 3-210, In Person Term Based; Joseph Talghader ; 3 cr.

5653 Physical Principles of Magnetic

Materials

(Student Option; Prereq: CSE grad student or dept consent)

21102 001 LEC, 14:30-15:20 MWF, Keller Hall 3-230, In Person Term Based; Randall Victoria ; 3 cr.

5657 Physical Principles of Thin Film Technology

(Student Option;)

33840 001 LEC, 09:45-11:00 TTh, Keller Hall 3-230, In Person Term Based; Bethanie Stadler ; 4 cr.

5745 Wind Energy Essentials

(Student Option; Prereq: CSE grad student or dept consent)

23656 001 LEC, Completely Online; Paul Imbertson ; 2 cr.

5940 Special Topics in Electrical Engineering I

(Student Option;)

34604 001 LEC, 09:45-11:00 WF, Twin Cities Remote, Completely Online; Andrew Lamperski ; 1-4 cr.

5980 Teaching, Grading, and Lab Instruction Seminar

(No Grade Associated;)

23398 001 LEC, 10:10-11:00 F, Twin Cities Remote, Completely Online; David Orser ; 1 cr.

5990 Curricular Practical Training

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

21490 001 FWK, 00:00-00:00 , No Room Required, In Person Term Based; Mehmet Akcakaya ; 1-2 cr.

21885 002 FWK, 00:00-00:00 , In Person Term Based; Martina Cardone ; 1-2 cr.

21886 003 FWK, 00:00-00:00 , In Person Term Based; Kia Bazargan ; 1-2 cr.

21887 004 FWK, 00:00-00:00 , In Person Term Based; Stephen Campbell ; 1-2 cr.

21888 005 FWK, 00:00-00:00 , In Person Term Based; Vladimir Cherkassky ; 1-2 cr.

21889 006 FWK, 00:00-00:00 , In Person Term Based; Jeong-Hyun Cho ; 1-2 cr.

21890 007 FWK, 00:00-00:00 , In Person Term Based; Philip Cohen ; 1-2 cr.

21891 008 FWK, 00:00-00:00 , In Person Term Based; Massoud Amin ; 1-2 cr.

21892 009 FWK, 00:00-00:00 , In Person Term Based; Sairaj Dhole ; 1-2 cr.

21893 010 FWK, 00:00-00:00 , In Person Term Based; Changhyun Choi ; 1-2 cr.

21894 011 FWK, 00:00-00:00 , In Person Term Based; Jungwon Choi ; 1-2 cr.

21895 012 FWK, 00:00-00:00 , In Person Term Based; Emad Ebbini ; 1-2 cr.

21896 013 FWK, 00:00-00:00 , In Person Term Based; Douglas Ernie ; 1-2 cr.

21897 014 FWK, 00:00-00:00 , In Person Term Based; Rhonda Franklin ; 1-2 cr.

21898 015 FWK, 00:00-00:00 , In Person Term Based; Georgios Giannakis ; 1-2 cr.

21899 016 FWK, 00:00-00:00 , In Person Term Based; ; 1-2 cr.

21900 017 FWK, 00:00-00:00 , In Person Term Based; Ramesh Harjani ; 1-2 cr.

21901 018 FWK, 00:00-00:00 , In Person Term Based; Jarvis Haupt ; 1-2 cr.

21902 019 FWK, 00:00-00:00 , In Person Term Based; Mingyi Hong ; 1-2 cr.

21903 020 FWK, 00:00-00:00 , In Person Term Based; Ted Higman ; 1-2 cr.

21904 021 FWK, 00:00-00:00 , In Person Term Based; Paul Imbertson ; 1-2 cr.

21905 022 FWK, 00:00-00:00 , In Person Term Based; Ulya Karpuzcu ; 1-2 cr.

21906 023 FWK, 00:00-00:00 , In Person Term Based; Mostafa Kaveh ; 1-2 cr.

21907 024 FWK, 00:00-00:00 , In Person Term Based; Chris H. Kim ; 1-2 cr.

21908 025 FWK, 00:00-00:00 , , In Person Term Based; Steven Koester ; 1-2 cr.

21909 026 FWK, 00:00-00:00 , , In Person Term Based; Andrew Lamperski ; 1-2 cr.

21910 027 FWK, 00:00-00:00 , , In Person Term Based; James Leger ; 1-2 cr.

21911 028 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.

21912 029 FWK, 00:00-00:00 , , In Person Term Based; David Lilja ; 1-2 cr.

21913 030 FWK, 00:00-00:00 , , In Person Term Based; Tony Low ; 1-2 cr.

21914 031 FWK, 00:00-00:00 , , In Person Term Based; Donatello Materassi ; 1-2 cr.

21915 032 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.

21916 033 FWK, 00:00-00:00 , , In Person Term Based; Soheil Mohajer ; 1-2 cr.

21917 034 FWK, 00:00-00:00 , , In Person Term Based; Ned Mohan ; 1-2 cr.

21918 035 FWK, 00:00-00:00 , , In Person Term Based; Chad Myers ; 1-2 cr.

21919 036 FWK, 00:00-00:00 , , In Person Term Based; Sang-Hyun Oh ; 1-2 cr.

21920 037 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.

21921 038 FWK, 00:00-00:00 , , In Person Term Based; Keshab Parhi ; 1-2 cr.

21922 039 FWK, 00:00-00:00 , , In Person Term Based; Thomas Posbergh ; 1-2 cr.

21923 040 FWK, 00:00-00:00 , , In Person Term Based; Marc Riedel ; 1-2 cr.

21924 041 FWK, 00:00-00:00 , , In Person Term Based; William Robbins ; 1-2 cr.

21925 042 FWK, 00:00-00:00 , , In Person Term Based; Nicola Elia ; 1-2 cr.

21926 043 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.

21927 044 FWK, 00:00-00:00 , , In Person Term Based; muri salapaka ; 1-2 cr.

21928 045 FWK, 00:00-00:00 , , In Person Term Based; Sachin Sapatnekar ; 1-2 cr.

21929 046 FWK, 00:00-00:00 , , In Person Term Based; John Sartori ; 1-2 cr.

21930 047 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.

21931 048 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.

21932 049 FWK, 00:00-00:00 , , In Person Term Based; Gerald Sobelman ; 1-2 cr.

21933 050 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.

21934 051 FWK, 00:00-00:00 , , In Person Term Based; Bethanie Stadler ; 1-2 cr.

21935 052 FWK, 00:00-00:00 , , In Person Term Based; Joseph Talghader ; 1-2 cr.

21936 053 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.

21937 054 FWK, 00:00-00:00 , , In Person Term Based; Randall Victoria ; 1-2 cr.

21938 055 FWK, 00:00-00:00 , , In Person Term Based; Jianping Wang ; 1-2 cr.

21939 056 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.

21940 057 FWK, 00:00-00:00 , , In Person Term Based; Antonia Zhai ; 1-2 cr.

22114 058 FWK, 00:00-00:00 , , In Person Term Based; Alena Talkachova ; 1-2 cr.

22115 059 FWK, 00:00-00:00 , , In Person Term Based; 1-2 cr.

22116 060 FWK, 00:00-00:00 , , In Person Term Based; 1-2 cr.

22117 061 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.

22281 062 FWK, 00:00-00:00 , , In Person Term Based; ; 1-2 cr.

22282 063 FWK, 00:00-00:00 , , In Person Term Based; 1-2 cr.

22283 064 FWK, 00:00-00:00 , , In Person Term Based; 1-2 cr.

22284 065 FWK, 00:00-00:00 , , In Person Term Based; 1-2 cr.

22292 066 FWK, 00:00-00:00 , , In Person Term Based; 1-2 cr.

Endodontics (ENDO)

5305 Advanced Clinical Endodontics

(A-F or Audit; Prereq: 5304)

19635 001 FWK, 00:00-00:00 , , In Person Term Based; Scott McClanahan ; 1-6 cr.

5308 Advanced Clinical Endodontics

(A-F or Audit; Prereq: 5307, dept consent)

19645 001 FWK, 00:00-00:00 , , In Person Term Based; Scott McClanahan ; 1-6 cr.

5312 Advanced Endodontic Emergency (S-N or Audit; Prereq: 5311)

19636 001 FWK, 00:00-00:00 , , In Person Term Based; Scott McClanahan ; 1 cr.

5315 Advanced Endodontic Emergency (S-N or Audit; Prereq: 5314, dept consent)

19644 001 FWK, 00:00-00:00 , , In Person Term Based; Scott McClanahan ; 1 cr.

5329 Clinical Seminar I

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

19637 001 DIS, 00:00-00:00 , , In Person Term Based; Scott McClanahan ; 1 cr.

5331 Review of Cases

(A-F or Audit; Prereq: 5330)

19638 001 DIS, 00:00-00:00 , , In Person Term Based; Scott McClanahan ; 1 cr.

English as a Second Language (ESL)

3001 Integrated Skills for Academic English

(Student Option; Prereq: Non-native speaker of English)

26617 001 LEC, 18:00-20:00 MW, Twin Cities Remote, Completely Online; 2 cr.

34851 301 LEC, Completely Online; 2 cr.

3006 English for Business Interactions

(Student Option; Prereq: Non-native English speaker)

26663 301 LEC, 19:00-21:00 Su, Twin Cities Remote, Completely Online; Meets With: 301 ESL 906301 ESL 5006; LeeAnne Godfrey ; 2 cr.

3007 English for Physics

(Student Option; Prereq: Non-native English speaker)

31113 301 LEC, 13:25-15:20 F, Twin Cities Remote, Completely Online; 1 cr.

3008 English for Chemistry

(Student Option;)

31171 301 LEC, 07:00-07:50 T, Twin Cities Remote, Completely Online; 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)

26768 301 LEC, Completely Online; Robin Murie ; 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)

26561 303 LEC, Completely Online; 5 cr.

26572 304 DIS, Completely Online; 5 cr.

26763 301 LEC, Completely Online; Robin Murie ; 5 cr.

26764 302 DIS, Completely Online; Robin Murie ; 5 cr.

31111 005 LEC, 08:00-09:55 TTh, Twin Cities Remote, Completely Online; 5 cr.

31112 006 DIS, 08:00-08:50 F, Nicholson Hall 335, In Person Term Based; 5 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)

26671 301 LEC, Completely Online; Darren LaScottie ; 4 cr.

26767 302 LEC, Completely Online; 4 cr.

31167 002 LEC, 08:00-09:55 T, ONLINE BLENDED,

08:00-09:55 Th, Akerman Hall 209, Partially Online; Meets With: 001 ESL 941; ; 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)

26761 301 LEC, 21:00-22:30 TTh, Twin Cities Remote,

Completely Online; Stephanie Hanson ; 5 cr.

26762 302 DIS, Completely Online; Stephanie Hanson ; 5 cr.

3551 English Pronunciation

(Student Option; Prereq: Non-native speaker of English, dept consent)

26562 301 LEC, Completely Online; Meets With: 301 ESL 951; Catherine Clements ; 4 cr.

3602 Speaking for Academic Purposes

(Student Option; Prereq: 3502, non-native speaker of English, [C-TOEFL score of at least 190 or equiv], dept consent)

26569 301 LEC, Completely Online; Meets With: 301 ESL 931; Stephanie Hanson ; 4 cr.

5006 English for Business Interactions

(Student Option; Prereq: Grad, non-native English speaker)

26665 301 LEC, 19:00-21:00 Su, Twin Cities Remote, Completely Online; Meets With: 301 ESL 3006301 ESL 906; LeeAnne Godfrey ; 2 cr.

5008 Speaking for Professional Settings

(Student Option; Prereq: Graduate student)

26703 001 LEC, 16:40-18:35 T, Nicholson Hall 125, 16:40-18:35 T, ONLINE BLENDED, 16:40-18:35 T, Nicholson Hall 125, 16:40-18:35 T, ONLINE BLENDED, 16:40-18:35 T, Nicholson Hall 125, 16:40-18:35 T, ONLINE BLENDED, 16:40-18:35 T, Nicholson Hall 125, 16:40-18:35 T, ONLINE BLENDED, 16:40-18:35 T, Nicholson Hall 125, 16:40-18:35 T, ONLINE BLENDED, Partially Online; 2 cr.

5302 Academic Writing

(Student Option;)

26728 001 LEC, 08:00-09:55 T, ONLINE BLENDED, 08:00-09:55 Th, Akerman Hall 319, Partially Online; Meets With: 001 ESL 921001 ESL 3302; 4 cr.

26730 301 LEC, Completely Online; Meets With: 301 ESL 921; Stephanie Hanson ; 4 cr.

English: Literature (ENGL)

1001W Introduction to Literature: Poetry, Drama, Narrative

(Student Option; LITR,WI)

15467 002 LEC, 08:00-09:55 MW, Twin Cities Remote, Completely Online; Samantha Crain ; 4 cr.

15468 003 LEC, 08:00-09:55 TTh, Twin Cities Remote, Completely Online; Andrea Waldrep ; 4 cr.

15470 005 LEC, Completely Online; Jenna Dreier ; 4 cr.

16399 006 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Chris Kamerbeek ; 4 cr.

1031 Introduction to the Short Story

(Student Option; LITR)

17194 001 LEC, Completely Online; Jenna Dreier ; 3 cr.

17398 002 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Jacqueline Patz DiPiero ; 3 cr.

1041 Adaptation: Literature into Film

(Student Option; AH)

17162 001 LEC, 17:00-19:30 Th, Twin Cities Remote, Completely Online; Siobhan Craig ; 3 cr.

1051 Progress & Madness: Literature, Science & Technology

(Student Option; LITR)

17349 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Chris Kamerbeek ; 3 cr.

17501 002 LEC, 16:00-17:15 TTh, Twin Cities Remote,

Completely Online; Amanda Alexander ; 3 cr.

32911 003 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Heather Holcombe ; 3 cr.

1181W Introduction to Shakespeare

(Student Option; LITR,WI)

13526 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Katherine Scheil ; 4 cr.

13527 002 DIS, 10:10-11:00 M, Twin Cities Remote, Completely Online; 4 cr.

13528 003 DIS, 10:10-11:00 W, Twin Cities Remote, Completely Online; 4 cr.

1301W Introduction to Multicultural Literatures of the United States

(Student Option; DSJ,WI,LITR)

14792 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; John Pistelli ; 4 cr.

14793 002 DIS, 12:20-13:10 M, Twin Cities Remote, Completely Online; 4 cr.

14794 003 DIS, 12:20-13:10 W, Twin Cities Remote, Completely Online; 4 cr.

15034 004 DIS, 12:20-13:10 M, Twin Cities Remote, Completely Online; 4 cr.

15035 005 DIS, 12:20-13:10 W, Twin Cities Remote,

Completely Online; 4 cr.

15036 006 DIS, 12:20-13:10 M, Twin Cities Remote, Completely Online; Jennifer Jodell ; 4 cr.

1401W Introduction to World Literatures in English

(Student Option; GP,WI,LITR)

14877 001 LEC, 14:30-16:25 MW, Twin Cities Remote, Completely Online; Moink Choudhury ; 4 cr.

15828 002 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Timothy Brennan ; 4 cr.

1501W Literature and Public Life

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

14878 001 LEC, 10:10-12:05 MW, Twin Cities Remote, Completely Online; Saeide Mirzaei ; 4 cr.

15831 002 LEC, 12:20-14:15 MW, Amundson Hall B75, Primarily Online; James Cihlar ; 4 cr.

15833 004 LEC, 08:00-09:55 TTh, Rapson Hall 100, In Person Term Based; Melissa Licht ; 4 cr.

15834 005 LEC, 11:15-13:10 TTh, Twin Cities Remote, Completely Online; Clara Biesel ; 4 cr.

1701 Modern Fiction

(Student Option; LITR)

14879 001 LEC, Completely Online; Annemarie Lawless ; 3 cr.

14882 002 LEC, 16:00-17:15 MW, Twin Cities Remote, Completely Online; David Rodriguez-Martinez ; 3 cr.

15863 003 LEC, 11:15-12:30 MW, Bruininks Hall 230, In Person Term Based; Brian Goldberg ; 3 cr.

16178 004 LEC, Completely Online; John Vanoverbeke ; 3 cr.

17899 005 LEC, 17:30-20:00 T, Twin Cities Remote, Completely Online; Annemarie Lawless ; 3 cr.

1912 America in Crisis

(A-F only; DSJ)

33329 001 DIS, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Ellen Messer-Davidow ; 3 cr.

1914 The Immigrant and the Refugee

(A-F only;)

33332 001 DIS, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Qadri Ismail ; 3 cr.

1918 The Worlds We Have Made: Some of Us Are Already Living in a Dystopia/ After the Apocalypse

(A-F only;)

34288 001 DIS, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Megan Finch ; 3 cr.

3001W Textual Analysis: Methods

(A-F only; Prereq: [English major or minor or approved BIS or IDIM program with English area]WI)

13529 001 LEC, 10:10-12:05 MW, Twin Cities Remote, Completely Online; Lianna Farber ; 4 cr.

13530 002 LEC, 12:20-14:15 MW, Twin Cities Remote, Completely Online; Christopher Bowman ; 4 cr.

13531 003 LEC, 13:25-15:20 TTh, Twin Cities Remote, Completely Online; Elaine Auyoung ; 4 cr.

14796 004 LEC, 13:25-15:20 MW, Twin Cities Remote, Completely Online; Lianna Farber ; 4 cr.

3002 Modern Literary Criticism and Theory

(Student Option;)

14905 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Qadri Ismail ; 3 cr.

3003W Historical Survey of British Literatures I

(Student Option; HIS,WI)

13532 001 LEC, 09:05-11:00 TTh, Fraser Hall 102, In Person Term Based; Rebecca Krug ; 4 cr.

13533 002 LEC, Completely Online; Melissa Johnson ; 4 cr.

3004W Historical Survey of British Literatures II

(Student Option; HIS,WI)

14429 001 LEC, 08:00-09:55 MW, Twin Cities Remote, Completely Online; Bridget Bergin ; 4 cr.

3005W Survey of American Literatures and Cultures I

(Student Option; DSJ,WI,LITR)

13601 001 LEC, 11:15-12:30 TTh, ONLINE BLENDED, 11:15-12:30 TTh, Rapson Hall 100, Partially Online; Anne Roth-Reinhardt ; 4 cr.

13602 002 DIS, 11:15-12:05 M, Twin Cities Remote, Completely Online; 4 cr.

13603 003 DIS, 11:15-12:05 W, Twin Cities Remote, Completely Online; 4 cr.

3006W Survey of American Literatures and Cultures II

(Student Option; DSJ,WI,LITR)
14544 001 LEC, 17:30-19:25 MW, Twin Cities Remote, Completely Online; Megan Finch ; 4 cr.
16661 301 LEC, Completely Online; Brett Sigurdson ; 4 cr.
16662 302 LEC, Completely Online; Aleisha Smith-Thornton ; 4 cr.

3007 Shakespeare

(Student Option; LITR)
14638 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Ann Tandy-Treiber ; 3 cr.
15336 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Elizabeth Howard ; 3 cr.
17505 002 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; John Watkins ; 3 cr.

3022 Science Fiction and Fantasy

(Student Option;)
16064 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Ali Zimmerman Zuckerman ; 3 cr.

3023 Children's Literature

(Student Option;)
16401 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Elizabeth Weixel ; 3 cr.

3024 The Graphic Novel

(Student Option;)
15819 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Jani Scandura ; 3 cr.

3026 Mediterranean Wanderings: Literature and History on the Borders of Three Continents

(Student Option; GP)
17507 001 DIS, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Nabil Matar ; 3 cr.

3027W The Essay

(Student Option; WI)
15042 001 LEC, Completely Online; Ann Tandy-Treiber ; 4 cr.

3028 Paranoia and Pleasure: Contemporary American Spy Novels

(Student Option; LITR)
33029 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Ellen Messer-Davidow ; 3 cr.

3061 Literature and Music

(Student Option; LITR)
16384 001 DIS, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Chris Kamerbeek ; 3 cr.

3071 The American Food Revolution in Literature and Television

(Student Option; CIV)
33030 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Daniel Philippon ; 3 cr.

3092 The Original Walking Dead: Misbehaving Dead Bodies in the 19th Century

(Student Option; LITR)
33472 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Ann Tandy-Treiber ; 3 cr.

3102 Chaucer

(A-F or Audit;)
33334 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Jennifer Esler ; 3 cr.

3151 Romantic Literatures and Cultures

(A-F only;)
17163 001 LEC, 13:00-14:15 MW, Bruininks Hall 230, In Person Term Based; Brian Goldberg ; 3 cr.

3222H Honors: American Novel from 1900

(A-F only;)
33463 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Jani Scandura ; 3 cr.

3301 Asian America through Arts and Culture

(Student Option; AH,DSJ)
33037 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 001 AAS 3301; Josephine Lee ; 3 cr.

3303W Writing Differences: Literature by U.S. Women of Color

(Student Option; DSJ,WI,LITR)
18143 001 DIS, Completely Online; Meets With: 001 GWSS 3303W001 AAS 3303W; Jigna Desai ; 3 cr.

3331 LGBTQ Literature: Then and Now

(Student Option; DSJ,LITR)
17260 001 LEC, 16:00-17:15 MW, Bruininks Hall 230, Primarily Online; Meets With: 001 GLBT 3309; James Cihlar ; 3 cr.

3350 Women Writers

(Student Option;)
33271 001 LEC, 11:15-12:30 TTh, Amundson Hall B75, In Person Term Based; Rebecca Krug ; 3 cr.

3502 Nature Stories: Environmental Discourse in Action

(Student Option; LITR,CIV)
16398 001 DIS, 11:15-12:30 TTh, Smith Hall 100, In Person Term Based; Melissa Licht ; 4 cr.

3505 Protest Literature and Community Action

(A-F or Audit; DSJ)
15121 001 FWK, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Eric Daigne ; 4 cr.

3507W Introduction to Chicana/o Literature

(Student Option; DSJ,WI,LITR)
16217 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 CHIC 3507W; Roy Guzman ; 3 cr.
16218 002 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 002 CHIC 3507W; Beaudelaine Pierre ; 3 cr.

3704 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, ENGL 5401, or ENGL 4711)
17801 001 DIS, 17:45-19:35 MW, Twin Cities Remote, Completely Online; Michael Tortorello ; 4 cr.

3711 Literary Magazine Production Lab I

(A-F only; Prereq: [instructor consent required, instr consent])
16354 001 LAB, 18:15-20:00 TTh, Murphy Hall 10 Center, In Person Term Based; James Cihlar ; 4 cr.

3714 The Business of Publishing

(Student Option;)
17165 001 DIS, 14:30-17:00 M, Twin Cities Remote, Completely Online; Stephanie Opitz, Erin Kottke ; 3 cr.

3741 Literacy and American Cultural Diversity

(Student Option; LITR,DSJ)
15122 001 FWK, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Eric Daigne ; 4 cr.

3883V Honors Thesis

(A-F or Audit; Prereq: Honors candidacy in English, consent of English honors advisor.WI)
34736 001 IND, Completely Online; 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.)
18227 001 FWK, Completely Online; Terri Sutton ; 1-4 cr.
18270 002 FWK, Completely Online; 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)
17166 001 LEC, 16:00-19:50 W, Twin Cities Remote, Completely Online; John Watkins ; 4 cr.
17167 002 LEC, 14:30-16:25 TTh, Twin Cities Remote, Completely Online; Michael Hancher ; 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.)
15416 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-4 cr.

4722 Alphabet to Internet: History of Writing Technologies

(Student Option;)
16860 001 DIS, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Michael Hancher ; 3 cr.

5001 Ph.D. Colloquium: Introduction to Literary Theory and Literary Studies in the Modern University

(Student Option; Prerequisite: English grad student)
16861 001 LEC, 14:30-17:00 W, Twin Cities Remote, Completely Online; Siobhan Craig ; 3 cr.

5090 Readings in Special Subjects

(Student Option;)
33039 001 LEC, 15:35-18:05 T, Twin Cities Remote, Completely Online; Meets With: 001 ENGW 5310; Douglas Kearney ; 1-4 cr.

5800 Practicum in the Teaching of English

(Student Option; Prereq: Grad student or instr consent)
14194 001 LEC, 14:00-16:00 F, Nicholson Hall 155, In Person Term Based; Eric Daigne ; 1-3 cr.

5992 Directed Readings, Study, or Research

(Student Option; Prereq: Grad student or instr consent.)
14390 001 IND, 00:00-00:00 , , Independent/Directed Study; Josephine Lee ; 1-3 cr.
14850 002 IND, 00:00-00:00 , , Independent/Directed Study; Julie Schumacher ; 1-3 cr.

English: Creative Writing (ENGW)**1101W Introduction to Creative Writing**

(Student Option No Audit; Prereq: Students may not audit this course.LITR,WI)

13619 001 LEC, 14:30-15:20 W, Twin Cities Remote, Completely Online; Peter Campion ; 4 cr.
13620 002 LAB, 09:05-11:00 M, Twin Cities Remote, Completely Online; 4 cr.
13621 003 LAB, 10:10-12:05 M, Twin Cities Remote, Completely Online; 4 cr.
13622 004 LAB, 11:15-13:10 M, Twin Cities Remote, Completely Online; 4 cr.
13623 005 LAB, 13:25-15:20 M, Twin Cities Remote, Completely Online; 4 cr.
13624 006 LAB, 14:30-16:25 M, Twin Cities Remote, Completely Online; 4 cr.
13625 009 LAB, 11:15-13:10 Th, Twin Cities Remote, Completely Online; 4 cr.
14168 007 LAB, 18:20-20:15 M, Twin Cities Remote, Completely Online; 4 cr.
14169 008 LAB, 09:05-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.
14170 010 LAB, 13:25-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.
14218 011 LAB, 18:20-20:15 Th, Twin Cities Remote, Completely Online; 4 cr.
16530 013 LAB, 10:10-12:05 F, Twin Cities Remote, Completely Online; 4 cr.

1102 Introduction to Fiction Writing

(Student Option No Audit;)
13634 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Liana Roux ; 3 cr.
14152 002 LEC, 13:00-14:15 TTh, Rapson Hall 56, In Person Term Based; Teresa Fahlgren ; 3 cr.
14631 003 LEC, 18:20-20:50 Th, Twin Cities Remote, Completely Online; Zi Ning Mok ; 3 cr.

1103 Introduction to Poetry Writing

(Student Option No Audit;)
13633 001 LEC, 18:20-20:50 T, Twin Cities Remote, Completely Online; Connor Simons ; 3 cr.

1104 Introduction to Literary Nonfiction Writing

(Student Option No Audit; Prereq: Students not allowed to audit this course)
13635 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Clare Boerigter ; 3 cr.

3102 Intermediate Fiction Writing

(Student Option No Audit; Prereq: [EngW 1101 OR 1102 OR 1103 OR 1104], students cannot audit course)
13636 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Hannah Suchor ; 3 cr.
14632 002 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Ron Edwards ; 3 cr.
16701 301 LEC, Completely Online; Noel Haines ; 3 cr.

18490 001 LEC, 10:40-11:30 MWF, Twin Cities Remote, Completely Online; Meets With: 001 SOIL 5611; Jessica Gutknecht ; 4 cr.

3921 Science and Critical Thinking for Understanding Our World (A-F only; CIV)

18910 001 LEC, 15:00-16:15 M, Twin Cities Remote, Completely Online; Gretchen Hansen ; 3 cr.

3993 Directed Study

(Student Option; Prereq: Department consent, instructor consent, no more than 6 credits of directed study counts towards CFANS major requirements)

35140 001 IND, In Person Term Based; Jessica Gutknecht ; 1-4 cr.

35332 002 IND, In Person Term Based; Nicolas Jelinski ; 1-4 cr.

4041W Problem Solving for Environmental Change (A-F or Audit; WI)

18541 001 LEC, 15:00-16:55 T, Kaufert Laboratory 302, 15:00-16:55 Th, Ruttan Hall B45, Partially Online; Kristen Nelson ; 4 cr.

4061W Water Quality and Natural Resources (Student Option; ENV,WI)

18566 001 DIS, 09:35-10:25 MWF, Twin Cities Remote, Completely Online; Jim Perry ; 3 cr.

4096 Professional Experience Program: Internship (A-F only; Prereq: CFANS undergrad, instr consent, completed internship contract)

18355 001 FWK, 15:00-15:50 T, Twin Cities Remote, Completely Online; Gretchen Hansen ; 1 cr.

18625 002 FWK, 15:00-15:50 W, Twin Cities Remote, Completely Online; Nicolas Jelinski ; 1 cr.

18899 003 FWK, 15:00-15:50 M, Twin Cities Remote, Completely Online; James Smith ; 1 cr.

4216 Contaminant Hydrology (A-F or Audit;)

18957 001 LEC, 12:50-13:40 MW, ONLINE BLENDED, Partially Online; Grace Wilson ; 3 cr.

18958 002 DIS, 12:50-13:40 F, McNeal Hall 33, Partially Online; Grace Wilson ; 3 cr.

4242 Methods for Environmental and Natural Resource Policy Analysis (A-F only; Prereqs: ESPM 3241W or ESPM 3271 and ESPM 3261, undergrads with jr or sr standing.)

33196 001 LEC, 11:45-13:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 ESPM 5242; Forrest Fleischman ; 3 cr.

4295W GIS in Environmental Science and Management (A-F or Audit; Prereq: FNRM 3131 or Geog 3561 or instr consentWI)

18556 001 LEC, 10:40-12:35 MW, Skok Hall 35, Partially Online; Meets With: 001 ESPM 5295; Paul Bolstad, Andrew Jenks ; 4 cr.

5014 Tribal and Indigenous Natural Resource Management (Student Option;)

32981 001 LEC, 12:50-14:05 MW, ONLINE BLENDED, 12:50-14:05 MW, Borlaug Hall 335, Partially Online; Meets With: 001 ESPM 3014; Mike Dockry ; 3 cr.

5061 Water Quality and Natural Resources (Student Option;)

18863 001 LEC, 08:30-09:20 W, Twin Cities Remote, 09:35-10:25 MWF, Twin Cities Remote, Completely Online; Jim Perry ; 3 cr.

5071 Ecological Restoration (Student Option; Prereq: [One college course in ecology, one college course in [plant science or botany]] or instr consent)

18643 001 LEC, 16:30-17:30 TTh, Plant Growth Facility 140B, 17:30-18:30 TTh, Plant Growth Facility 140B, Partially Online; Meets With: 001 HORT 5071; Susan Galatowitsch ; 4 cr.

5108 Ecology of Managed Systems (A-F or Audit; Prereq: Sr or grad student)

18571 001 LEC, 08:45-10:00 T, Twin Cities Remote, Completely Online; Meets With: 001 ESPM 3108; Claudia Nannings, Mary Rogers ; 4 cr.

5242 Methods for Environmental and Natural Resource Policy Analysis (A-F only; Prereq: grad student)

33197 001 LEC, 11:45-13:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 ESPM 4242; Forrest Fleischman ; 3 cr.

5245 Sustainable Land Use Planning and Policy (A-F or Audit;)

18371 001 LEC, 08:45-10:00 Th, Twin Cities Remote, Completely Online; Meets With: 001 ESPM 3245; Mae Davenport ; 3 cr.

5251 Natural Resources in Sustainable International Development (A-F or Audit; Prereq: Grad student or instr consent)

18460 001 LEC, 16:05-18:00 W, Twin Cities Remote, 16:05-18:55 M, Twin Cities Remote, Completely Online; Meets With: 001 ESPM 3251; Dean Current ; 3 cr.

5295 GIS in Environmental Science and Management (A-F or Audit;)

18557 001 LEC, 10:40-12:35 MW, Skok Hall 35, Partially Online; Meets With: 001 ESPM 4295W; Paul Bolstad, Andrew Jenks ; 4 cr.

5402 Biometeorology (Student Option; Prereq: MATH 1271, PHYS 1201, STAT 3011, [instr consent])

34834 001 LEC, 13:30-14:45 Th, Borlaug Hall 375, 13:30-14:45 T, ONLINE BLENDED, Partially Online; Timothy Griffis ; 3 cr.

5555 Wetland Soils (A-F or Audit; Prereq: SOIL 1125 or 2125 or equiv or instr consent; concurrent registration is required (or allowed) in SOIL 4511 recommended)

18457 001 LEC, 15:00-15:50 M, McNeal Hall 33, Partially Online; Meets With: 001 SOIL 5555; Jay Bell ; 3 cr.

18458 002 FWK, 15:00-18:00 Th, No Room Required, Partially Online; Meets With: 002 SOIL 5555; Jay Bell ; 3 cr.

5603 Environmental Life Cycle Analysis (A-F only; Prereq: [Math 1142 or [Math 1271, Math 1282]], [Econ 1101 or ApEc 1101])

18513 001 LEC, 15:00-16:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 ESPM 3603; Jason Hill ; 3 cr.

5604 Environmental Management Systems and Strategy (A-F only;)

18520 001 LEC, 16:00-17:15 MW, Kaufert Laboratory 302, Partially Online; Meets With: 001 ESPM 3604; Tim Smith ; 3 cr.

Experimental and Clinical Phar (ECP)

5220 Regulatory Issues in Drug Research (Student Option; Prereq: ECP grad student or Pharm.D. professional student or instr consent)

26048 001 LEC, 14:30-16:25 T, Twin Cities Remote, Completely Online; Angela Birnbaum ; 2 cr.

5290 Clinical Clerkship (Student Option; Prereq: Grad experimental and clinical pharmacology)

25964 001 ROT, 00:00-00:00 , , In Person Term Based; 1-8 cr.

Family Med & Community Health (FMCH)

5564 Family Practice Seminar (O-N or Audit; Prereq: MD or DO degree)

24273 001 LEC, 00:00-00:00 , , In Person Term Based; 1 cr.

5950 Clinical Issues in Human Sexuality (O-N or Audit; Prereq: Enrollment in health sci grad programs in CSPP, Psy, PubH, SW or FSos or instr consent)

24275 001 LEC, 00:00-00:00 , , In Person Term Based; Eli Coleman ; 2 cr.

5955 Directed Study (O-N or Audit; Prereq: instr consent; qualified students may arrange for work on a tutorial basis)

24274 001 IND, 00:00-00:00 , , In Person Term Based; 1-10 cr.
24688 002 IND, 00:00-00:00 , , In Person Term Based; Michelle van Ryn ; 1-10 cr.

Family Social Science (FSOS)

1101 Intimate Relationships (Student Option; SOCS)

12066 001 LEC, Completely Online; Tai Mendenhall ; 4 cr.
12067 002 DIS, Completely Online; 4 cr.
12068 003 DIS, Completely Online; 4 cr.
12163 004 DIS, Completely Online; 4 cr.
13299 005 DIS, Completely Online; 4 cr.

1201 Human Development in Families: Lifespan (Student Option; DSJ,SOCS)

33256 001 LEC, Completely Online; Sunkyung Lee ; 4 cr.
33257 002 LEC, Completely Online; Lijun Li ; 4 cr.

1211 An Interdisciplinary Look at the Family in Multicultural America (A-F or Audit; SOCS,DSJ)

13087 001 DIS, 14:30-16:25 MW, Twin Cities Remote, Completely Online; Margaret Kelly ; 4 cr.

1301 Cash or Credit: You Need to Know (A-F only;)

12509 001 LEC, Completely Online; Seonghee Hong ; 1 cr.

1461 Presentations at Work: Families, Communities, Nonprofits, and Schools (A-F or Audit; CIV)

13082 001 DIS, Completely Online; Emily Jensen ; 3 cr.

2101 Preparation for Working With Families (A-F or Audit;)

12064 001 LEC, 08:45-10:00 TTh, Twin Cities Remote, Completely Online; Chalandra Bryant ; 3 cr.

2103 Family Policy (Student Option;)

12419 001 LEC, Completely Online; Beth Magistad ; 3 cr.

2105 Methods in Family Research (Student Option; Prereq: STAT 3011 or PSTL 1004 or STAT 1001 or ESPY 3264 or ESPY 1261 or SOC 3811 or SOC 2550 or PSY 3801 or instr consent)

12420 001 LEC, 13:30-14:45 M, Twin Cities Remote, Completely Online; Timothy Piehler ; 3 cr.

2106 Family Resource Management (Student Option;)

12694 001 LEC, Completely Online; Virginia Solis Zuiker ; 3 cr.

2107 Preparation for Family and Community Engagement (Student Option;)

13118 001 DIS, 10:15-11:30 W, Twin Cities Remote, Completely Online; Sara Axtell ; 3 cr.

2191 Independent Study in Family Social Science (Student Option; Prereq: Soph, instr consent)

12074 001 IND, Independent/Directed Study; Gerald August ; 1-4 cr.
12221 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1-4 cr.
12222 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-4 cr.
12223 004 IND, 00:00-00:00 , , Independent/Directed Study; Chalandra Bryant ; 1-4 cr.
12224 005 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-4 cr.
12225 006 IND, Independent/Directed Study; Jodi Dworkin ; 1-4 cr.
12226 007 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-4 cr.
12227 008 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-4 cr.
12228 009 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-4 cr.
12229 011 IND, 00:00-00:00 , , Independent/Directed Study; Margaret Kelly ; 1-4 cr.
12230 012 IND, 00:00-00:00 , , Independent/Directed Study; Beth Magistad ; 1-4 cr.

12231 013 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-4 cr.
 12232 014 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-4 cr.
 12506 010 IND, 00:00-00:00 , , Independent/Directed Study; Stacey Horn ; 1-4 cr.
 12695 016 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-4 cr.
 12726 018 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-4 cr.
 12834 019 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-4 cr.
 12900 020 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-4 cr.
 12901 021 IND, 00:00-00:00 , , Independent/Directed Study; Lindsey Weiler ; 1-4 cr.
 13129 022 IND, Independent/Directed Study; Armeda Wojciak ; 1-4 cr.
 13130 023 IND, Independent/Directed Study; Zha Xiong ; 1-4 cr.
 13156 024 IND, Independent/Directed Study; Virginia Solis Zuiker ; 1-4 cr.

3101 Personal and Family Finances

(Student Option; Prereq: FSOS 4106 is a recommended prerequisite for this course.)

12070 001 LEC, Completely Online; Virginia Solis Zuiker ; 3 cr.

3102 Family Systems and Diversity

(Student Option; Prereq: At least soph or instr consent DSJ, SOCS)

12475 001 LEC, Completely Online; Meets With: 002 FSOS 3102; Zha Xiong ; 3 cr.
 13297 002 LEC, Completely Online; Meets With: 001 FSOS 3102; Zha Xiong ; 3 cr.
 13298 003 LEC, Completely Online; Angela Keyzers ; 3 cr.

3105 Technology in Parenting and Family Relationships

(Student Option; TS)

13124 001 LEC, 13:30-14:45 TTh, ONLINE BLENDED, 13:30-14:45 TTh, McNeal Hall 33, Partially Online; Susan Walker ; 3 cr.

3191 Independent Study in Family Social Science

(Student Option; Prereq: Jr, instr consent)

12075 001 IND, Independent/Directed Study; Gerald August ; 1-5 cr.
 12234 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1-5 cr.
 12235 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-5 cr.
 12236 004 IND, 00:00-00:00 , , Independent/Directed Study; Chalandra Bryant ; 1-5 cr.
 12237 005 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-5 cr.
 12238 006 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-5 cr.
 12239 007 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-5 cr.
 12240 008 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-5 cr.
 12241 009 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-5 cr.
 12242 011 IND, 00:00-00:00 , , Independent/Directed Study; Margaret Kelly ; 1-5 cr.
 12243 012 IND, 00:00-00:00 , , Independent/Directed Study; Beth Magistad ; 1-5 cr.
 12244 013 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-5 cr.
 12245 014 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-5 cr.
 12507 010 IND, 00:00-00:00 , , Independent/Directed Study; Stacey Horn ; 1-5 cr.
 12696 016 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-5 cr.
 12727 018 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-5 cr.
 12902 020 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-5 cr.
 12903 021 IND, 00:00-00:00 , , Independent/Directed Study; Lindsey Weiler ; 1-5 cr.
 13133 022 IND, Independent/Directed Study; Armeda Wojciak ; 1-5 cr.
 13134 023 IND, Independent/Directed Study; Zha Xiong ; 1-5 cr.
 13158 024 IND, Independent/Directed Study; Virginia Solis Zuiker ; 1-5 cr.

3426 Alcohol and Drugs: Families and Culture

(Student Option;)

12476 001 LEC, Completely Online; Meets With: 001 FSOS 5426; Sara Axtell ; 3 cr.
 13291 002 LEC, Completely Online; Alyssa Maples ; 3 cr.

3429 Counseling Skills Practicum I

(Student Option;)

12510 001 LEC, 08:45-10:00 MW, Twin Cities Remote, Completely Online; Cynthia Meyer ; 3 cr.
 12511 002 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Tabitha Grier-Reed ; 3 cr.

4101 Sexuality and Gender in Families and Close Relationships

(Student Option; Prereq: At least jr or instr consent)

12069 001 LEC, Completely Online; Cynthia Meyer ; 3 cr.

4104 Family Psychology

(Student Option;)

12209 001 LEC, 08:45-10:00 MW, Twin Cities Remote, Completely Online; Steven Harris ; 3 cr.

4107 Traumatic Stress and Resilience in Vulnerable Families Across the Lifespan

(Student Option;)

33264 001 LEC, Completely Online; Tai Mendenhall ; 3 cr.

4108 Understanding and Working with Immigrants and Refugee Families

(Student Option; DSJ, SOCS)

13125 001 LEC, Completely Online; Zha Xiong ; 3 cr.

4109W Family Theories

(Student Option; WI)

13184 001 LEC, Completely Online; Lindsey Weiler ; 3 cr.

4111 Introduction to Family Therapy

(Student Option;)

13185 001 LEC, 15:00-16:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 FSOS 5111; Cynthia Meyer ; 3 cr.

4150 Special Topics in Family Social Science

(Student Option;)

35248 001 LEC, 16:30-17:45 TTh, Twin Cities Remote, Completely Online; Gerald August ; 1-4 cr.

4155 Parent-Child Relationships

(A-F or Audit;)

33345 001 LEC, Completely Online; Armeda Wojciak ; 3 cr.

4191 Independent Study in Family Social Science

(Student Option; Prereq: Sr, instr consent)

12076 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1-4 cr.
 12247 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1-4 cr.
 12248 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-4 cr.
 12249 004 IND, 00:00-00:00 , , Independent/Directed Study; Chalandra Bryant ; 1-4 cr.
 12250 005 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-4 cr.
 12251 006 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-4 cr.
 12252 007 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-4 cr.
 12253 008 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-4 cr.
 12254 009 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-4 cr.
 12255 011 IND, 00:00-00:00 , , Independent/Directed Study; Margaret Kelly ; 1-4 cr.
 12256 012 IND, 00:00-00:00 , , Independent/Directed Study; Beth Magistad ; 1-4 cr.
 12257 013 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-4 cr.
 12258 014 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-4 cr.
 12508 010 IND, 00:00-00:00 , , Independent/Directed Study; Stacey Horn ; 1-4 cr.
 12697 016 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-4 cr.
 12729 018 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-4 cr.
 12837 019 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-4 cr.
 12906 020 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-4 cr.
 12907 021 IND, 00:00-00:00 , , Independent/Directed Study; Lindsey Weiler ; 1-4 cr.

13135 022 IND, Independent/Directed Study; Armeda Wojciak ; 1-4 cr.
 13136 023 IND, Independent/Directed Study; Zha Xiong ; 1-4 cr.

4193 Directed Capstone Project

(A-F only;)

12459 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1-4 cr.
 12460 002 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-4 cr.
 12461 003 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-4 cr.
 12462 004 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-4 cr.
 12463 005 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-4 cr.
 12464 006 IND, 00:00-00:00 , , Independent/Directed Study; Tabitha Grier-Reed ; 1-4 cr.
 12465 007 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-4 cr.
 12466 008 IND, 00:00-00:00 , , Independent/Directed Study; Beth Magistad ; 1-4 cr.
 12467 009 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-4 cr.
 12468 010 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-4 cr.
 12469 011 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1-4 cr.
 12470 012 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-4 cr.
 12472 014 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-4 cr.
 12473 015 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-4 cr.
 12699 016 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-4 cr.
 12719 017 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-4 cr.
 12728 018 IND, 00:00-00:00 , , Independent/Directed Study; Lindsey Weiler ; 1-4 cr.
 12836 019 IND, 00:00-00:00 , , Independent/Directed Study; Zha Xiong ; 1-4 cr.
 12904 020 IND, 00:00-00:00 , , Independent/Directed Study; Virginia Solis Zuiker ; 1-4 cr.

4294 Research Internship

(Student Option; Prereq: [FSOS major, at least jr] or instr consent)

12077 001 IND, 00:00-00:00 , , Independent/Directed Study; Gerald August ; 1-4 cr.
 12260 002 IND, 00:00-00:00 , , Independent/Directed Study; Sara Axtell ; 1-4 cr.
 12261 003 IND, 00:00-00:00 , , Independent/Directed Study; Lynne Borden ; 1-4 cr.
 12262 004 IND, 00:00-00:00 , , Independent/Directed Study; William Doherty ; 1-4 cr.
 12263 005 IND, 00:00-00:00 , , Independent/Directed Study; Jodi Dworkin ; 1-4 cr.
 12264 006 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Gewirtz ; 1-4 cr.
 12265 007 IND, 00:00-00:00 , , Independent/Directed Study; Steven Harris ; 1-4 cr.
 12266 009 IND, 00:00-00:00 , , Independent/Directed Study; Stacey Horn ; 1-4 cr.
 12267 010 IND, 00:00-00:00 , , Independent/Directed Study; Jenifer McGuire ; 1-4 cr.
 12268 011 IND, 00:00-00:00 , , Independent/Directed Study; Tai Mendenhall ; 1-4 cr.
 12269 012 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Meyer ; 1-4 cr.
 12270 013 IND, 00:00-00:00 , , Independent/Directed Study; Timothy Piehler ; 1-4 cr.
 12271 014 IND, 00:00-00:00 , , Independent/Directed Study; Joyce Serido ; 1-4 cr.
 12272 015 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Solheim ; 1-4 cr.
 12698 016 IND, 00:00-00:00 , , Independent/Directed Study; Marlene Stum ; 1-4 cr.
 12721 017 IND, 00:00-00:00 , , Independent/Directed Study; Susan Walker ; 1-4 cr.
 12730 018 IND, 00:00-00:00 , , Independent/Directed Study; Lindsey Weiler ; 1-4 cr.
 12838 019 IND, 00:00-00:00 , , Independent/Directed Study; Armeda Wojciak ; 1-4 cr.
 34886 022 IND, In Person Term Based; Virginia Solis Zuiker ; 1-4 cr.
 34887 023 IND, In Person Term Based; Chalandra Bryant ; 1-4 cr.

4296 Field Study: Working With Families

(S-N or Audit; Prereq: 2101 or instr consent)

12065 001 FWK, 10:15-12:15 F, Twin Cities Remote, 10:15-12:15 F, Twin Cities Remote, 10:15-12:15 F, Twin Cities Remote, Completely Online; Sara Axtell ; 1-12 cr.

5111 Introduction to Family Therapy

(A-F only;)
33655 001 LEC, 15:00-16:15 MW, Twin Cities Remote,
Completely Online; Meets With: 001 FSOS 4111; Cynthia
Meyer; 3 cr.

5193 Directed Study in Family Social Science

(Student Option; Prereq: FSoS or grad student in related field)
12086 001 IND, 00:00-00:00 , , Independent/Directed Study;
Gerald August; 1-6 cr.
12288 002 IND, 00:00-00:00 , , Independent/Directed Study;
Sara Axtell; 1-6 cr.
12289 003 IND, 00:00-00:00 , , Independent/Directed Study;
Lynne Borden; 1-6 cr.
12290 004 IND, 00:00-00:00 , , Independent/Directed Study;
Chalandra Bryant; 1-6 cr.
12291 005 IND, 00:00-00:00 , , Independent/Directed Study;
William Doherty; 1-6 cr.
12292 006 IND, 00:00-00:00 , , Independent/Directed Study;
Jodi Dworkin; 1-6 cr.
12293 007 IND, 00:00-00:00 , , Independent/Directed Study;
Abigail Gewirtz; 1-6 cr.
12294 008 IND, 00:00-00:00 , , Independent/Directed Study;
Tabitha Grier-Reed; 1-6 cr.
12295 009 IND, 00:00-00:00 , , Independent/Directed Study;
Steven Harris; 1-6 cr.
12296 010 IND, 00:00-00:00 , , Independent/Directed Study;
Stacey Horn; 1-6 cr.
12297 011 IND, 00:00-00:00 , , Independent/Directed Study;
Beth Magistad; 1-6 cr.
12298 013 IND, 00:00-00:00 , , Independent/Directed Study;
Tai Mendenhall; 1-6 cr.
12299 014 IND, 00:00-00:00 , , Independent/Directed Study;
Cynthia Meyer; 1-6 cr.
12300 015 IND, 00:00-00:00 , , Independent/Directed Study;
Timothy Piehler; 1-6 cr.
12301 016 IND, 00:00-00:00 , , Independent/Directed Study;
Joyce Serido; 1-6 cr.
12477 017 IND, 00:00-00:00 , , Independent/Directed Study;
Catherine Solheim; 1-6 cr.
12588 018 IND, 00:00-00:00 , , Independent/Directed Study;
Marlene Stum; 1-6 cr.
12700 019 IND, 00:00-00:00 , , Independent/Directed Study;
Susan Walker; 1-6 cr.
12872 012 IND, 00:00-00:00 , , Independent/Directed Study;
Jenifer McGuire; 1-6 cr.
12910 020 IND, 00:00-00:00 , , Independent/Directed Study;
Lindsey Weiler; 1-6 cr.
12911 021 IND, 00:00-00:00 , , Independent/Directed Study;
Armeda Wojciak; 1-6 cr.
13146 022 IND, 00:00-12:00 , , Independent/Directed Study;
Zha Xiong; 1-6 cr.
34898 023 IND, Independent/Directed Study; Virginia Solis
Zuiker; 1-6 cr.

5426 Alcohol and Drugs: Families and Culture
(Student Option;)
13177 001 LEC, Completely Online; Meets With: 001 FSOS
3426; Sara Axtell; 3 cr.

5702 Prevention Science Research Methodology
(A-F or Audit;)
33346 001 DIS, 15:00-17:45 T, Twin Cities Remote,
Completely Online; Meets With: 001 PREV 8002; Timothy
Piehler; 3 cr.

5937 Parent-Child Interaction
(A-F only;)
13303 001 LEC, 19:00-19:50 Th, Twin Cities Remote,
Completely Online; Beth Magistad; 3 cr.

5944 Curricular Design in Parent Education
(A-F only; Prereq: FSoS 5937 & FSoS 5942 or instr consent)
12692 001 DIS, 19:00-19:50 W, Twin Cities Remote,
Completely Online; Heather Cline; 3 cr.

5945 Teaching and Learning in Parent Education
(A-F only; Prereq: FSoS 5937 & FSoS 5942 or instr consent)
12693 001 DIS, 20:00-20:50 W, Twin Cities Remote,
Completely Online; Heather Cline; 3 cr.

Finance (FINA)**3001 Finance Fundamentals**

(A-F or Audit; Prereq: ACCT 2050, SCO 2550 or equivalent statistics course)
19005 001 LEC, 08:15-09:30 MW, Twin Cities Remote,
Completely Online; Stuart Webb; 3 cr.
19006 002 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Lisa Kline; 3 cr.
19007 003 LEC, 09:45-11:00 MW, Twin Cities Remote,
Completely Online; John Molloy; 3 cr.
19237 004 LEC, 13:00-14:15 MW, Twin Cities Remote,
Completely Online; Rick Nelson; 3 cr.
19282 005 LEC, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; Stuart Webb; 3 cr.
19339 006 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Jash Jain, Yu Li; 3 cr.
19563 007 LEC, 16:00-17:15 TTh, Twin Cities Remote,
Completely Online; Rick Nelson; 3 cr.

3001H Honors: Finance Fundamentals

(A-F only; Prereq: Acct 2050, SCO 2550 or equivalent statistics course)
19384 001 LEC, 11:15-12:30 MW, Twin Cities Remote,
Completely Online; John Molloy; 3 cr.

4121 Financial Markets and Interest Rates

(A-F or Audit; Prereq: 3001 or 3001H CSOM major)
19017 002 LEC, 11:50-13:30 MW, Twin Cities Remote,
Completely Online; Stuart Webb; 2 cr.
19050 001 LEC, 09:55-11:35 MW, Twin Cities Remote,
Completely Online; Stuart Webb; 2 cr.
19174 003 LEC, 08:00-09:40 TTh, Twin Cities Remote,
Completely Online; Stuart Webb; 2 cr.
19175 004 LEC, 09:55-11:35 TTh, Twin Cities Remote,
Completely Online; Rick Nelson; 2 cr.

4221 Principles of Corporate Finance

(A-F only; Prereq: 3001 or 3001H, CSOM major, math/actuarial science major)
19176 001 LEC, 09:55-11:35 TTh, Twin Cities Remote,
Completely Online; Martin Szydowski; 2 cr.
19177 002 LEC, 13:45-15:25 TTh, Twin Cities Remote,
Completely Online; Martin Szydowski; 2 cr.
19178 004 LEC, 15:45-17:25 TTh, Twin Cities Remote,
Completely Online; Martin Szydowski; 2 cr.
19222 003 LEC, 13:45-15:25 TTh, Twin Cities Remote,
Completely Online; Martin Szydowski; 2 cr.

4234 Mergers and Acquisitions In Action ? Process and Valuation

(A-F only; Prerequisite: Fina 4422)
19555 001 FWK, 09:55-11:35 MW, ONLINE BLENDED,
09:55-11:35 MW, Carlson School of Mgmt 2-206, Partially
Online; Alan Thometz; 4 cr.

4242W Corporate Investment Decisions

(A-F or Audit; Prereq: 3001, 4121 or 4121H, 4321 or 4321H, 4422, 4522, CSOM major/WI)
19238 002 LEC, 09:55-11:35 TTh, ONLINE BLENDED,
09:55-11:35 TTh, Hanson Hall 1-106, Partially Online; Dick
Vogel; 4 cr.
19454 001 LEC, 13:45-15:25 MW, ONLINE BLENDED,
13:45-15:25 MW, Hanson Hall 1-106, Partially Online;
John Molloy; 4 cr.

4321 Portfolio Management and Performance Evaluation

(A-F or Audit; Prereq: 3001 or 3001H, CSOM major)
19116 001 LEC, 13:45-15:25 MW, ONLINE BLENDED,
13:45-15:25 MW, Hanson Hall 1-102, Partially Online; Erik
Loulaliche; 2 cr.
19179 002 LEC, 15:45-17:25 MW, ONLINE BLENDED,
15:45-17:25 MW, Hanson Hall 1-102, Partially Online; Erik
Loulaliche; 2 cr.
19180 003 LEC, 08:00-09:40 MW, ONLINE BLENDED,
08:00-09:40 MW, Hanson Hall 1-106, Partially Online; Erik
Loulaliche; 2 cr.
19181 004 LEC, 15:45-17:25 MW, ONLINE BLENDED,
15:45-17:25 MW, Hanson Hall 1-102, Partially Online; Erik
Loulaliche; 2 cr.

4329 Security Analysis Capstone

(A-F only; Prereq: 4121 or 4121H, 4321 or 4321H, 4422, 4522, ACCT 5100 or ACCT 5101)
19231 001 LEC, 11:50-13:30 MW, Twin Cities Remote,
Completely Online; Nick Seeman; 2 cr.

4422 Financial Modeling

(A-F only; Prerequisite courses and provides students with significant practice building financial models to identify the free cash flow from and required investment in projects or firms for discounted cash flow and sensitivity analysis. Course presents net operating working capital requirements, Valuation with Free Cash Flow based methods, and the construction of three statement pro-forma cash flow projections.
Prereq: FINA 4221, ACCT 5101, CSOM major)

19183 003 LEC, 09:55-11:35 TTh, Twin Cities Remote,
Completely Online; John Molloy; 2 cr.
19184 001 LEC, 11:50-13:30 MW, ONLINE BLENDED,
11:50-13:30 MW, Carlson School of Mgmt 1-115, Partially
Online; Helen Moser; 2 cr.
19185 002 LEC, 15:45-17:25 MW, Twin Cities Remote,
Completely Online; Jeff Bailey; 2 cr.
19295 004 LEC, 13:45-15:25 TTh, Twin Cities Remote,
Completely Online; John Molloy; 2 cr.
31535 005 LEC, 13:45-15:25 MW, Twin Cities Remote,
Completely Online; Jeff Bailey; 2 cr.

4522 Options & Derivatives I

(A-F only; Prereq: 3001 or 3001H or ApEc 3501, 4121 or 4121H, 4321 or 4321H (can be concurrent), CSOM major)
19455 001 LEC, 13:45-15:25 MW, ONLINE BLENDED,
13:45-15:25 MW, Carlson School of Mgmt L-110, Partially
Online; Hengjie Ai; 2 cr.
19456 002 LEC, 15:45-17:25 MW, ONLINE BLENDED,
15:45-17:25 MW, Carlson School of Mgmt L-110, Partially
Online; Hengjie Ai; 2 cr.
19457 004 LEC, 09:55-11:35 TTh, Twin Cities Remote,
Completely Online; Stuart Webb; 2 cr.
31536 003 LEC, 13:45-15:25 MW, ONLINE BLENDED,
13:45-15:25 MW, Hanson Hall 1-102, Partially Online; Erik
Loulaliche; 2 cr.

4621 The Global Economy (Macro)

(A-F only; Prereq: Fina 3001 or 3001H, CSOM major)
19182 002 LEC, 11:50-13:30 TTh, Twin Cities Remote,
Completely Online; Thanh Le; 2 cr.
19426 001 LEC, 13:45-15:25 TTh, Twin Cities Remote,
Completely Online; Juliana Salomao; 2 cr.

4622 International Finance

(A-F only; Prereq: CSOM major, Fina 3001 or 3001H, 4121 or 4121H, 4221)
19427 001 LEC, 08:00-09:40 TTh, Twin Cities Remote,
Completely Online; Juliana Salomao; 2 cr.
19428 002 LEC, 11:50-13:30 TTh, Twin Cities Remote,
Completely Online; Juliana Salomao; 2 cr.

Financial Mathematics (FM)**5001 Preparation for Financial Mathematics I**

(Student Option; Prereq: Grad MFM major or MFM program director approval)
22363 001 LEC, 17:30-20:00 T, Twin Cities Remote,
Completely Online; Gary Hatfield; 3 cr.

5011 Mathematical Background for Finance I

(Student Option; Prereq: [5001, 5002] with grade of at least B or [MFM program director approval, grad MFM major])
22364 001 LEC, 17:30-20:50 Th, Twin Cities Remote,
Completely Online; Helena Zarin; 4 cr.

5021 Mathematical Theory Applied to Finance I

(Student Option; Prereq: [5011 or concurrent registration is required (or allowed) in 5011], grad MFM major, program director approval)
22361 001 LEC, 17:30-20:50 T, Twin Cities Remote,
Completely Online; Carlos Tolmasky; 4 cr.

5031 A Practitioner's Course in Finance I

(Student Option; Prereq: [5021 or concurrent registration is required (or allowed) in 5021], grad MFM major, program director approval)
22362 001 LEC, 17:30-20:50 W, Twin Cities Remote,
Completely Online; Gary Hatfield, John Dodson; 4 cr.

5091 Computation, Algorithms, and Coding in Finance I

(Student Option; Prereq: Grad MFM major, program director approval)
22360 001 LEC, 17:40-21:10 M, Twin Cities Remote,
Completely Online; Christopher Prouty; 4 cr.

Finnish (FIN)**1001 Beginning Finnish I**

(Student Option;)
13834 001 DIS, 14:30-15:20 MTWThF, Twin Cities Remote,
Completely Online; Meets With: 001 FIN 4001; Daniel
Karvonen; 5 cr.

1003 Intermediate Finnish I

(Student Option; Prereq: department consent, instructor consent, no more than 6 credits of directed research counts towards CFANS major requirements.)
34560 001 IND, In Person Term Based; 1-4 cr.

Food Systems (FDSY)

1016W Growing Food & Building Community: Urban Agriculture in the Twin Cities

(A-F only; WI)
18852 001 DIS, 15:00-16:30 TTh, Alderman Hall 405, In Person Term Based; Mary Rogers ; 3 cr.

3093 Directed Study

(Student Option; Prereq: department consent, instructor consent, no more than 6 credits of directed study counts towards CFANS major requirements.)
31636 001 IND, In Person Term Based; 1-4 cr.

3094 Directed Research

(Student Option; Prereq: department consent, instructor consent, no more than 6 credits of directed research counts towards CFANS major requirements.)
31637 001 IND, In Person Term Based; 1-4 cr.

Foreign Study (FOST)

3896 Virtual International Internship

(A-F only; GP)
35572 001 LEC, 10:00-11:00 M, Twin Cities Remote, 10:00-11:00 M, Twin Cities Remote, 10:00-11:00 F, Twin Cities Remote, Completely Online; 4 cr.
35575 002 LEC, 10:00-11:00 M, Twin Cities Remote, 10:00-11:00 M, Twin Cities Remote, 10:00-11:00 F, Twin Cities Remote, Completely Online; 4 cr.
35580 003 LEC, 10:00-11:00 M, Twin Cities Remote, 10:00-11:00 M, Twin Cities Remote, 10:00-11:00 F, Twin Cities Remote, Completely Online; 4 cr.

Forest and Natural Res. Mgmt. (FNRM)

1001 Orientation and Information Systems

(A-F or Audit;)
18682 001 LEC, 15:00-15:50 T, Borlaug Hall 335, In Person Term Based; Christopher Edgar, Mike Kilgore ; 1 cr.

1101 Dendrology: Identifying Forest Trees and Shrubs

(Student Option;)
18683 001 LEC, 16:05-16:55 MW, Twin Cities Remote, Completely Online; Andrew David ; 3 cr.
18684 002 LAB, 12:50-15:50 M, No Room Required, In Person Term Based; Chad Giblin ; 3 cr.
18685 003 LAB, 12:50-15:50 T, No Room Required, In Person Term Based; Chad Giblin ; 3 cr.
18686 004 LAB, 12:50-15:50 W, No Room Required, In Person Term Based; Chad Giblin ; 3 cr.
18687 005 LAB, 12:50-15:50 Th, No Room Required, In Person Term Based; Chad Giblin ; 3 cr.

2102 Northern Forests Field Ecology

(A-F or Audit; Prereq: Biol 1001 or Biol 1009)
33145 001 LAB, In Person Term Based; Rebecca Montgomery ; 2 cr.

3104 Forest Ecology

(A-F or Audit; Prereq: Biol 1001, 1009 or equivalent introductory biology course; 1 semester college chemistry recommended.)
18678 001 LEC, 11:45-13:00 MW, Biological Sciences Ctr 64, Partially Online; Meets With: 001 FNRM 5104; Rebecca Montgomery ; 4 cr.
18679 002 LAB, 12:50-16:50 F, Green Hall 110, In Person Term Based; Rebecca Montgomery ; 4 cr.

3114 Hydrology and Watershed Management

(Student Option; Prereq: [[BIOL 1001 or BIOL 1009], [[CHEM 1015, CHEM 1017] or CHEM 1021], MATH 1151] or instr consent)
18680 001 LEC, 10:15-11:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 FNRM 5114; Diana Karwan ; 3 cr.

3131 Geographical Information Systems (GIS) for Natural Resources

(A-F only; Prereq: Soph or jr or sr or UHP frTs)
18671 001 LEC, Completely Online; Andrew Jenks, Paul Bolstad ; 4 cr.
18672 002 LAB, Completely Online; Meets With: 002 FNRM 5131; Andrew Jenks, Paul Bolstad ; 4 cr.
18673 003 LAB, Completely Online; Meets With: 003 FNRM 5131; Andrew Jenks, Paul Bolstad ; 4 cr.
18674 004 LAB, Completely Online; Meets With: 004 FNRM 5131; Andrew Jenks, Paul Bolstad ; 4 cr.
18675 005 LAB, Completely Online; Meets With: 005 FNRM 5131; Andrew Jenks, Paul Bolstad ; 4 cr.
18688 020 LEC, 00:00-00:00 , ONLINE, Completely Online; Andrew Jenks, Paul Bolstad ; 4 cr.
18748 021 LAB, 00:00-00:00 , ONLINE, Completely Online; Andrew Jenks, Paul Bolstad ; 4 cr.

3204 Landscape Ecology and Management (A-F or Audit; Prereq: Ecology course)

18730 001 LEC, 15:00-16:15 TTh, Green Hall 110, In Person Term Based; Meets With: 001 FNRM 5204; Lee Frelich ; 3 cr.

3262 Remote Sensing and Geospatial Analysis of Natural Resources and Environment

(Student Option; Prereq: None, but prior coursework in GIS and Statistics is recommended.)
18746 001 LEC, Completely Online; Meets With: 001 FNRM 5262; Joe Knight ; 3 cr.
18747 002 LAB, 08:30-10:25 M, Skok Hall 35, In Person Term Based; Meets With: 002 FNRM 5262; Joe Knight ; 3 cr.
18887 003 LAB, Completely Online; Meets With: 003 FNRM 5262; Joe Knight ; 3 cr.

3411 Managing Forest Ecosystems: Silviculture

(A-F only;)
18771 001 LEC, 11:45-13:00 TTh, Green Hall 110, Partially Online; Meets With: 001 FNRM 5411; Marcella Windmuller-Campione, Ella Gray ; 3 cr.

3471 Forest Management Planning

(A-F or Audit; Prereq: recommended ESPM 3261 and 3218 or 3411)
18840 001 LEC, 11:45-13:00 F, Twin Cities Remote, 13:30-14:45 WTh, Twin Cities Remote, Completely Online; Meets With: 001 FNRM 5471; Howard Hoganson ; 3 cr.

3993 Directed Study

(Student Option; Prereq: Department consent, instructor consent, no more than 6 credits of directed study counts towards CFANS major requirements)
18689 001 IND, 00:00-00:00 , , In Person Term Based; Chad Babcock ; 1-4 cr.
18690 002 IND, 00:00-00:00 , , In Person Term Based; Charlie Blinn ; 1-4 cr.
18691 003 IND, 00:00-00:00 , , In Person Term Based; Paul Bolstad ; 1-4 cr.
18692 005 IND, 00:00-00:00 , , In Person Term Based; Dean Current ; 1-4 cr.
18693 007 IND, 00:00-00:00 , , In Person Term Based; Andrew David ; 1-4 cr.
18694 008 IND, 00:00-00:00 , , In Person Term Based; Mike Dockry ; 1-4 cr.
18695 009 IND, 00:00-00:00 , , In Person Term Based; Christopher Edgar ; 1-4 cr.
18696 011 IND, 00:00-00:00 , , In Person Term Based; Lee Frelich ; 1-4 cr.
18697 012 IND, 00:00-00:00 , , In Person Term Based; Howard Hoganson ; 1-4 cr.
18698 013 IND, 00:00-00:00 , , In Person Term Based; Andrew Jenks ; 1-4 cr.
18699 016 IND, 00:00-00:00 , , In Person Term Based; Joe Knight ; 1-4 cr.
18700 017 IND, 00:00-00:00 , , In Person Term Based; Rebecca Montgomery ; 1-4 cr.
18701 020 IND, 00:00-00:00 , , In Person Term Based; Matthew Russell ; 1-4 cr.
18702 021 IND, 00:00-00:00 , , In Person Term Based; Ingrid Schneider ; 1-4 cr.
18718 015 IND, 00:00-00:00 , , In Person Term Based; Mike Kilgore ; 1-4 cr.
18726 018 IND, 00:00-00:00 , , In Person Term Based; Kristen Nelson ; 1-4 cr.
18727 014 IND, 00:00-00:00 , , In Person Term Based; Diana Karwan ; 1-4 cr.
18728 010 IND, 00:00-00:00 , , In Person Term Based; Forrest Fleischman ; 1-4 cr.
18729 006 IND, 00:00-00:00 , , In Person Term Based; Mae Davenport ; 1-4 cr.
18739 019 IND, 00:00-00:00 , , In Person Term Based; Peter Reich ; 1-4 cr.
18744 004 IND, 00:00-00:00 , , In Person Term Based; Stephan Carlson ; 1-4 cr.

33189 022 IND, In Person Term Based; Marcella Windmuller-Campione ; 1-4 cr.
33190 023 IND, In Person Term Based; John Zobel ; 1-4 cr.

3994 Directed Research

(Student Option; Prereq: department consent, instructor consent, no more than 6 credits of directed research counts towards CFANS major requirements.)
33987 001 IND, In Person Term Based; Chad Babcock ; 1-4 cr.
33988 002 IND, In Person Term Based; Charlie Blinn ; 1-4 cr.
33989 003 IND, In Person Term Based; Paul Bolstad ; 1-4 cr.
33990 004 IND, In Person Term Based; Stephan Carlson ; 1-4 cr.
33991 005 IND, In Person Term Based; Dean Current ; 1-4 cr.
33992 006 IND, In Person Term Based; Mae Davenport ; 1-4 cr.
33993 007 IND, In Person Term Based; Andrew David ; 1-4 cr.
33994 008 IND, In Person Term Based; Mike Dockry ; 1-4 cr.
33995 009 IND, In Person Term Based; Christopher Edgar ; 1-4 cr.
33996 010 IND, In Person Term Based; Forrest Fleischman ; 1-4 cr.
33997 011 IND, In Person Term Based; Lee Frelich ; 1-4 cr.
33998 012 IND, In Person Term Based; Howard Hoganson ; 1-4 cr.
33999 013 IND, In Person Term Based; Andrew Jenks ; 1-4 cr.
34000 014 IND, In Person Term Based; Diana Karwan ; 1-4 cr.
34001 015 IND, In Person Term Based; Mike Kilgore ; 1-4 cr.
34002 016 IND, In Person Term Based; Joe Knight ; 1-4 cr.
34003 017 IND, In Person Term Based; Rebecca Montgomery ; 1-4 cr.
34004 018 IND, In Person Term Based; Kristen Nelson ; 1-4 cr.
34005 019 IND, In Person Term Based; Peter Reich ; 1-4 cr.
34006 020 IND, In Person Term Based; Matthew Russell ; 1-4 cr.
34007 021 IND, In Person Term Based; Ingrid Schneider ; 1-4 cr.
34008 022 IND, In Person Term Based; Marcella Windmuller-Campione ; 1-4 cr.
34009 023 IND, In Person Term Based; John Zobel ; 1-4 cr.

5104 Forest Ecology

(A-F or Audit;)
18676 001 LEC, 11:45-13:00 MW, Biological Sciences Ctr 64, Partially Online; Meets With: 001 FNRM 3104; Rebecca Montgomery ; 4 cr.
18677 002 LAB, In Person Term Based; Rebecca Montgomery ; 4 cr.

5114 Hydrology and Watershed Management

(Student Option;)
18719 001 LEC, 10:15-11:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 FNRM 3114; Diana Karwan ; 3 cr.

5131 Geographical Information Systems (GIS) for Natural Resources

(A-F or Audit; Prereq: Grad student or instr consent)
18720 001 LEC, 15:00-15:50 TTh, Green Hall 203, Partially Online; Andrew Jenks, Paul Bolstad ; 4 cr.
18721 002 LAB, Completely Online; Meets With: 002 FNRM 3131; Andrew Jenks, Paul Bolstad ; 4 cr.
18722 003 LAB, Completely Online; Meets With: 003 FNRM 3131; Andrew Jenks, Paul Bolstad ; 4 cr.
18723 004 LAB, Completely Online; Meets With: 004 FNRM 3131; Andrew Jenks, Paul Bolstad ; 4 cr.
18724 005 LAB, Completely Online; Meets With: 005 FNRM 3131; Andrew Jenks, Paul Bolstad ; 4 cr.
18725 020 LEC, 00:00-00:00 , ONLINE, Completely Online; Andrew Jenks, Paul Bolstad ; 4 cr.
18749 021 LAB, 00:00-00:00 , ONLINE, Completely Online; Andrew Jenks, Paul Bolstad ; 4 cr.

5204 Landscape Ecology and Management

(A-F or Audit; Prereq: Grad student or instr consent)
18731 001 LEC, 15:00-16:15 TTh, Green Hall 110, In Person Term Based; Meets With: 001 FNRM 3204; Lee Frelich ; 3 cr.

5216 Geodesy, Coordinate, and Surveying Calculations for GIS Professionals

(Student Option;)
18843 001 LEC, 10:40-11:30 T, Twin Cities Remote, Completely Online; Paul Bolstad, Andrew Jenks ; 1 cr.

5228 Advanced Topics in Assessment and Modeling of Forests

(A-F or Audit; Prereq: 3218, Math 1272, Stat 5021)
34758 001 LEC, 10:15-11:30 MW, ONLINE BLENDED,
10:15-11:30 MW, Green Hall 19, Partially Online; John
Zobel ; 3 cr.

5259 Visitor Behavior Analysis

(Student Option;)
18784 001 LEC, 00:00-00:00 , ONLINE, Completely Online;
Mae Davenport ; 3 cr.

5262 Remote Sensing and Geospatial Analysis of Natural Resources and Environment

(Student Option; Prereq: Grad student or instr consent)
18750 001 LEC, Completely Online; Meets With: 001 FNRM
3262; Joe Knight ; 3 cr.
18751 002 LAB, 08:30-10:25 M, Skok Hall 35, In Person
Term Based; Meets With: 002 FNRM3262; Joe Knight ; 3
cr.
18888 003 LAB, Completely Online; Meets With: 003 FNRM
3262; Joe Knight ; 3 cr.

5264 Advanced Forest Management Planning

(Student Option;)
18681 001 LEC, 00:00-00:00 , , In Person Term Based;
Howard Hoganson ; 3 cr.

5411 Managing Forest Ecosystems: Silviculture

(A-F only; Prereq: grad student)
18772 001 LEC, 11:45-13:00 TTh, Green Hall 110, Partially
Online; Meets With: 001 FNRM 3411; Marcella Windmuller-
Campione, Ella Gray ; 3 cr.

5413 Managing Forest Ecosystems: Silviculture Lab

(A-F only; Prereq: FNRM major or minor or grad
student; FNRM-FEMC track students should take
FNRM 3411/5411 concurrently or instructor consent)
18773 001 LAB, 13:15-14:05 T, ONLINE BLENDED,
13:15-14:05 T, Skok Hall 35, Partially Online; Marcella
Windmuller-Campione ; 1 cr.

5471 Forest Management Planning

(A-F or Audit; Prereq: Grad student)
18841 001 LEC, 11:45-13:00 F, Twin Cities Remote,
13:30-14:45 WTh, Twin Cities Remote, Completely Online;
Meets With: 001 FNRM 3471; Howard Hoganson ; 3 cr.

5480 Topics in Natural Resources

(Student Option;)
34123 001 LEC, 09:05-11:35 T, Green Hall 203, In Person
Term Based; Mike Dockry ; 1-3 cr.

French (FREN)

1001 Beginning French I

(Student Option;)
13950 001 DIS, 08:00-08:50 MTWThF, Twin Cities Remote,
08:00-08:50 MTWTh, Twin Cities Remote, Completely
Online; Meets With: 001 FREN 4001; Sally Kessler ; 5 cr.
14137 004 DIS, 11:15-12:05 MTWThF, Twin Cities Remote,
11:15-12:05 MTWTh, Twin Cities Remote, Completely
Online; Meets With: 004 FREN 4001; Kirsten Smith ; 5 cr.
14138 005 DIS, 13:25-14:15 MTWThF, Twin Cities Remote,
13:25-14:15 MTWTh, Twin Cities Remote, Completely
Online; Meets With: 005 FREN 4001; Anne Thompson ; 5
cr.
14139 006 DIS, 14:30-16:25 TTh, Twin Cities Remote,
Completely Online; Meets With: 006 FREN 4001; Anne
Thompson ; 5 cr.
14140 007 DIS, 18:20-20:25 MTh, Twin Cities Remote,
Completely Online; Meets With: 007 FREN 4001; Anne
Thompson ; 5 cr.
14528 003 DIS, 10:10-11:00 MTWThF, Twin Cities Remote,
10:10-11:00 MTWTh, Twin Cities Remote, Completely
Online; Meets With: 003 FREN 4001; Ashlie Henery ; 5 cr.
15456 002 DIS, 09:05-09:55 MTWThF, Twin Cities Remote,
09:05-09:55 MTWTh, Twin Cities Remote, Completely
Online; Meets With: 002 FREN 4001; Ashlie Henery ; 5 cr.

1002 Beginning French II

(Student Option; Prereq: FREN 1001 or equivalent.)
13951 001 DIS, 10:10-11:00 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 001 FREN 4002; Lauren
Goodspeed ; 5 cr.
13952 002 DIS, 13:25-14:15 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 002 FREN 4002; Lauren
Goodspeed ; 5 cr.

13953 003 DIS, 18:20-20:25 MTh, Twin Cities Remote,
Completely Online; Meets With: 003 FREN 4002; Heidi
Beckman ; 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))
13954 002 DIS, 09:05-09:55 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 002 FREN 4003; Fidele
Tchoffo Tsasse ; 5 cr.
13955 003 DIS, 10:10-11:00 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 003 FREN 4003; Patricia
Mougel ; 5 cr.
13956 004 DIS, 11:15-12:05 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 004 FREN 4003; Patricia
Mougel ; 5 cr.
13958 006 DIS, 12:20-13:10 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 006 FREN 4003; C. Brian
Barnett ; 5 cr.
13959 007 DIS, 13:25-14:15 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 007 FREN 4003; C. Brian
Barnett ; 5 cr.
13960 001 DIS, 08:00-08:50 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 001 FREN 4003; Arwa
Reda ; 5 cr.
16372 008 DIS, 18:20-20:25 MTh, Twin Cities Remote,
Completely Online; Meets With: 008 FREN 4003; Jami
Watson ; 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))
13961 001 DIS, 08:00-08:50 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 001 FREN 4004; Noah
Goodwin ; 5 cr.
13962 002 DIS, 09:05-09:55 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 002 FREN 4004; Marina
Calas ; 5 cr.
14204 003 DIS, 10:10-11:00 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 003 FREN 4004; Marina
Calas ; 5 cr.
14422 004 DIS, 11:15-12:05 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 004 FREN 4004; Ashlie
Henery ; 5 cr.
14423 005 DIS, 11:15-12:05 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 005 FREN 4004; Ray
Balstad ; 5 cr.
14425 006 DIS, 12:20-13:10 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 006 FREN 4004; Cameron
Cook ; 5 cr.
16028 007 DIS, 13:25-14:15 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 007 FREN 4004; Patricia
Mougel ; 5 cr.
16781 008 DIS, 18:20-20:25 MTh, Twin Cities Remote,
Completely Online; Meets With: 008 FREN 4004; Lydia
Belateche ; 5 cr.

1022 Accelerated Beginning French

(Student Option;)
14126 001 DIS, 09:05-09:55 MTWThF, Twin Cities Remote,
09:05-09:55 MTWTh, Twin Cities Remote, Completely
Online; Meets With: 001 FREN 4022; Jeremy Labbe ; 5 cr.
14127 002 DIS, 10:10-11:00 MTWThF, Twin Cities Remote,
10:10-11:00 MTWTh, Twin Cities Remote, Completely
Online; Meets With: 002 FREN 4022; Rick Treece ; 5 cr.
14128 003 DIS, 11:15-12:05 MTWThF, Twin Cities Remote,
11:15-12:05 MTWTh, Twin Cities Remote, Completely
Online; Meets With: 003 FREN 4022; Pauline Maison-
Dessemme ; 5 cr.
16590 005 DIS, 13:25-14:15 MTWThF, Twin Cities Remote,
13:25-14:15 MTWTh, Twin Cities Remote, Completely
Online; Meets With: 005 FREN 4022; Rick Treece ; 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)
17513 001 DIS, 14:30-15:45 TTh, Twin Cities Remote,
10:10-11:00 MTWTh, Twin Cities Remote, Completely
Online; Meets With: 001 FREN 1501; Abraham Lamptey ; 3 cr.

1502 Gateways to French and Francophone Studies: Bilingual

(A-F or Audit; Prereq: FREN 1004 (or equivalent
through the LPE)AH,GP)
17514 001 DIS, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 FREN 1502; Ioana
Vartolomei Pribagi ; 3 cr.

3014 French Phonetics

(Student Option; Prereq: 1004)
17600 001 DIS, 11:15-12:05 WF, ONLINE BLENDED,
11:15-12:05 MWF, Folwell Hall 16, Partially Online; Rick
Treece ; 3 cr.

3015 Advanced French Grammar and Communication

(Student Option; Prerequisite: French 1004 or LPE.
Voilà?, 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 I?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.)
13963 001 DIS, 09:05-09:55 MWF, Twin Cities Remote,
Completely Online; Farrah Mahroug ; 3 cr.
13964 002 DIS, 11:15-12:05 MWF, Twin Cities Remote,
Completely Online; Trina Whitaker ; 3 cr.
14643 003 DIS, 12:20-13:10 MWF, Twin Cities Remote,
Completely Online; Trina Whitaker ; 3 cr.

3016 Advanced French Composition and Communication

(Student Option; Prerequisite: FREN 3015.)
13965 001 LEC, 09:05-09:55 MWF, Twin Cities Remote,
Completely Online; Lydia Belateche ; 3 cr.
14200 002 LEC, 10:10-11:00 MWF, Twin Cities Remote,
Completely Online; Lydia Belateche ; 3 cr.

3101W Methods in French and Francophone Studies

(Student Option; Prereq: 3016 or equivLITR,WI)
13966 002 DIS, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Hakim Abderrezak ; 3 cr.
13967 001 DIS, 09:45-11:00 MW, Twin Cities Remote,
Completely Online; Christophe Wall-Romana ; 3 cr.

3410 Topics in Quebecois Literature

(Student Option; Prereq: 3101)
33253 001 DIS, 16:00-17:15 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 FREN 5410; Ioana
Vartolomei Pribagi ; 3 cr.

3614 Disabled Bodies, Minds and Selves in French Literature, Culture and Art

(Student Option;)
35099 001 DIS, 13:00-14:15 MW, Twin Cities Remote,
Completely Online; Meets With: 001 FREN 5614; Jennifer
Row ; 3 cr.

3850 Topics in French and Francophone Media

(Student Option; Prereq: FREN 3015.)
33254 001 DIS, 14:30-15:45 MW, Twin Cities Remote,
Completely Online; Christophe Wall-Romana ; 3 cr.

3896 Internship in a French-Speaking Milieu

(A-F only; Prereq: 3016, 3014 [3018 strongly
recommended], [3022 strongly recommended for
students undertaking internships in business,
government, or law])
16759 001 IND, In Person Term Based; 1-4 cr.

4001 Beginning French for Graduate Student Research I

(Student Option;)
14943 006 DIS, 14:30-16:25 TTh, Twin Cities Remote,
Completely Online; Meets With: 006 FREN 1001; Anne
Thompson ; 5 cr.
16368 003 DIS, 10:10-11:00 MTWThF, Twin Cities Remote,
10:10-11:00 MTWTh, Twin Cities Remote, Completely
Online; Meets With: 003 FREN 1001; Ashlie Henery ; 5 cr.

16596 005 DIS, 13:25-14:15 MTWThF, Twin Cities Remote, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Meets With: 005 FREN 1001; Anne Thompson ; 5 cr.

17423 001 DIS, 08:00-08:50 MTWThF, Twin Cities Remote, 08:00-08:50 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 FREN 1001; Sally Kessler ; 5 cr.

17610 002 DIS, 09:05-09:55 MTWThF, Twin Cities Remote, 09:05-09:55 MTWTh, Twin Cities Remote, Completely Online; Meets With: 002 FREN 1001; Ashlie Henery ; 5 cr.

17611 004 DIS, 11:15-12:05 MTWThF, Twin Cities Remote, 11:15-12:05 MTWTh, Twin Cities Remote, Completely Online; Meets With: 004 FREN 1001; Kirsten Smith ; 5 cr.

17612 007 DIS, 18:20-20:25 MTh, Twin Cities Remote, Completely Online; Meets With: 007 FREN 1001; Anne Thompson ; 5 cr.

4002 Beginning French for Graduate Student Research II (Student Option; Prereq: FREN 1001/4001 or equivalent.)

16369 001 DIS, 10:10-11:00 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 FREN 1002; Lauren Goodspeed ; 5 cr.

16595 003 DIS, 18:20-20:25 MTh, Twin Cities Remote, Completely Online; Meets With: 003 FREN 1002; Heidi Beckman ; 5 cr.

17615 002 DIS, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Meets With: 002 FREN 1002; Lauren Goodspeed ; 5 cr.

4003 Int French for Grad Research I

(Student Option; Prereq: C- or better in FREN 1002/4002 or 1022/4022, or EPT for students taking their first French course at the U)

14944 006 DIS, 12:20-13:10 MTWTh, Twin Cities Remote, Completely Online; Meets With: 006 FREN 1003; C. Brian Barnett ; 5 cr.

16593 002 DIS, 09:05-09:55 MTWTh, Twin Cities Remote, Completely Online; Meets With: 002 FREN 1003; Fidele Tchhoffo Tsasse ; 5 cr.

16594 004 DIS, 11:15-12:05 MTWTh, Twin Cities Remote, Completely Online; Meets With: 004 FREN 1003; Patricia Mougel ; 5 cr.

16817 008 DIS, 18:20-20:25 MTh, Twin Cities Remote, Completely Online; Meets With: 008 FREN 1003; Jami Watson ; 5 cr.

17608 001 DIS, 08:00-08:50 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 FREN 1003; Arwa Reda ; 5 cr.

17616 003 DIS, 10:10-11:00 MTWTh, Twin Cities Remote, Completely Online; Meets With: 003 FREN 1003; Patricia Mougel ; 5 cr.

17618 007 DIS, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Meets With: 007 FREN 1003; C. Brian Barnett ; 5 cr.

4004 Intermediate French for Graduate Student Research II

(Student Option; Prereq: C- or better in FREN 1003/4003, or EPT/LPE for students taking their first French course at the U)

16029 006 DIS, 12:20-13:10 MTWTh, Twin Cities Remote, Completely Online; Meets With: 006 FREN 1004; Cameron Cook ; 5 cr.

16592 004 DIS, 11:15-12:05 MTWTh, Twin Cities Remote, Completely Online; Meets With: 004 FREN 1004; Ashlie Henery ; 5 cr.

17619 001 DIS, 08:00-08:50 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 FREN 1004; Noah Goodwin ; 5 cr.

17620 002 DIS, 09:05-09:55 MTWTh, Twin Cities Remote, Completely Online; Meets With: 002 FREN 1004; Marina Calas ; 5 cr.

17621 003 DIS, 10:10-11:00 MTWTh, Twin Cities Remote, Completely Online; Meets With: 003 FREN 1004; Marina Calas ; 5 cr.

17622 005 DIS, 11:15-12:05 MTWTh, Twin Cities Remote, Completely Online; Meets With: 005 FREN 1004; Ray Balstad ; 5 cr.

17623 007 DIS, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Meets With: 007 FREN 1004; Patricia Mougel ; 5 cr.

17624 008 DIS, 18:20-20:25 MTh, Twin Cities Remote, Completely Online; Meets With: 008 FREN 1004; Lydia Belateche ; 5 cr.

4022 Accelerated Beginning French for Graduate Student Research

(Student Option; Prereq: 1001/4001 or equivalent)

16598 001 DIS, 09:05-09:55 MTWThF, Twin Cities Remote, 09:05-09:55 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 FREN 1022; Jeremy Labbe ; 5 cr.

16599 003 DIS, 11:15-12:05 MTWThF, Twin Cities Remote, 11:15-12:05 MTWTh, Twin Cities Remote, Completely

Online; Meets With: 003 FREN 1022; Pauline Maison-Dessemme ; 5 cr.

17625 002 DIS, 10:10-11:00 MTWThF, Twin Cities Remote, 10:10-11:00 MTWTh, Twin Cities Remote, Completely Online; Meets With: 002 FREN 1022; Rick Treece ; 5 cr.

17626 005 DIS, 13:25-14:15 MTWThF, Twin Cities Remote, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Meets With: 005 FREN 1022; Rick Treece ; 5 cr.

4109W Capstone Independent Study in French and Francophone Studies

(A-F only; Prereq: instr consent, [completion of most major coursework or permission of DUSJW])

15774 001 IND, 00:00-00:00 , Independent/Directed Study; Hakim Abderrezak ; 2 cr.

15775 002 IND, 00:00-00:00 , Independent/Directed Study; Bruno Chauat ; 2 cr.

15776 003 IND, 00:00-00:00 , Independent/Directed Study; Juliette Cherbuliez ; 2 cr.

15778 006 IND, 00:00-00:00 , Independent/Directed Study; Ioana Vartolomei Pribiag ; 2 cr.

15779 007 IND, 00:00-00:00 , Independent/Directed Study; Christophe Wall-Romana ; 2 cr.

4110V Honors Capstone Independent Study in French and Francophone Studies

(A-F only; Prereq: [Completion of most major coursework or permission of DUSJ], candidate for honors in French, instr consentWI)

15757 001 IND, 00:00-00:00 , Independent/Directed Study; 2-4 cr.

4970 Directed Readings

(Student Option; Prereq: instr consent)

13968 001 IND, In Person Term Based; Ioana Vartolomei Pribiag ; 1-4 cr.

5350 Topics in Literature and Culture

(Student Option; Prereq: 3101 or equiv)

33231 001 LEC, 14:30-17:00 W, Twin Cities Remote, Completely Online; Meets With: 001 EMS 5500; Susan Noakes ; 3 cr.

5410 Topics in Quebecois Literature

(Student Option;)

33255 001 DIS, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 FREN 3410; Ioana Vartolomei Pribiag ; 3 cr.

5614 Disabled Bodies, Minds and Selves in French Literature, Culture and Art

(Student Option;)

35100 001 DIS, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 FREN 3614; Jennifer Row ; 3 cr.

French and Italian (FRIT)

1601 Migrants and Refugees in Mediterranean Cinema

(Student Option; AH,GP)

33417 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Hakim Abderrezak ; 3 cr.

5999 Teaching of French and Italian: Theory and Practice

(Student Option;)

13942 001 DIS, 14:30-17:00 M, Twin Cities Remote, Completely Online; Meets With: 001 SPPT 5999001 GSD 5103; Kate Paesani ; 3 cr.

Gay, Lesbian, Bisexual, Transg (GLBT)

1001 Introduction to GLBT Studies

(Student Option; DSJ,SOCS)

16686 001 LEC, Completely Online; Meets With: 001 GWSS 1007; 3 cr.

3309 LGBTQ Literature: Then and Now

(Student Option; DSJ,LITR)

17321 001 LEC, 16:00-17:15 MW, Bruininks Hall 230, In Person Term Based; Meets With: 001 ENGL 3331; James Cihlar ; 3 cr.

3404 Transnational Sexualities

(Student Option; GP)

17489 001 LEC, Completely Online; Meets With: 001 GWSS 3404; Sima Shakhshari ; 3 cr.

3993 Directed Studies

(A-F or Audit; Prereq: GLBT studies minor, instr consent)

15359 001 IND, 00:00-00:00 , In Person Term Based; 1-6 cr.

5993 Directed Study

(Student Option;)

15360 001 IND, 00:00-00:00 , Independent/Directed Study; 1-12 cr.

Gender, Women, & Sexuality Std (GWSS)

1001 Gender, Power, and Everyday Life (Student Option;)

16291 001 DIS, 00:00-00:00 , ONLINE, Completely Online; Lindsay Turner ; 3 cr.

17360 002 DIS, Completely Online; Samhar Khalfani ; 3 cr.

1006 Skin, Sex, and Genes

(Student Option; SOCS,TS)

16687 001 LEC, Completely Online; Aren Aizura ; 3 cr.

16705 002 DIS, Completely Online; 3 cr.

17246 003 DIS, Completely Online; 3 cr.

1007 Introduction to GLBT Studies

(Student Option; DSJ,SOCS)

16685 001 LEC, Completely Online; Meets With: 001 GLBT 1001; 3 cr.

3002W Gender, Race, and Class in the U.S.

(A-F only; DSJ,WI)

17257 001 DIS, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; eunha jeong wood ; 3 cr.

3102W Feminist Thought and Theory

(A-F only; AH,WI,CIV)

15791 001 LEC, 10:15-11:30 TTh, Twin Cities Remote, Completely Online; 3 cr.

3203W Blood, Bodies and Science

(Student Option; SOCS,WI,TS)

35129 001 LEC, Completely Online; Hasan Atuk ; 3 cr.

3302 Women and the Arts

(Student Option; AH,DSJ)

33764 001 DIS, 10:00-11:15 MW, Twin Cities Remote, Completely Online; Rachmi Diyah Larasati ; 3 cr.

3303W Writing Differences: Literature by U.S. Women of Color

(Student Option; DSJ,WI,LITR)

17490 001 DIS, Completely Online; Meets With: 001 AAS 3303W001 ENGL 3303W; Jigna Desai ; 3 cr.

3306 Pop Culture Women

(Student Option; AH,DSJ)

17288 001 DIS, Completely Online; AK Wright ; 3 cr.

3404 Transnational Sexualities

(Student Option; GP)

17488 001 LEC, Completely Online; Meets With: 001 GLBT 3404; Sima Shakhshari ; 3 cr.

3590 Topics: Social Change, Activism, Law, and Policy Studies

(Student Option;)

34820 001 DIS, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Kari Smalkoski ; 3 cr.

3626W Witches, Seers and Saints: Women, Gender and Religion in the US

(Student Option; WI)

33699 001 LEC, 16:00-17:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 RELS 3626W; Jeanne Kilde ; 3 cr.

3681 Gender and the Family in the Islamic World

(A-F only; Prereq: At least soph; 1001 recommended)

33641 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 SOC 3681001 GLOS 3681001 RELS 3716; Cawo Abdi ; 3 cr.

3993 Directed Study

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

15792 001 IND, 00:00-00:00 , In Person Term Based; 1-12 cr.

18217 002 IND, In Person Term Based; 1-12 cr.

3994 Directed Research

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

15793 001 IND, 00:00-00:00 , , In Person Term Based; 1-12 cr.

4103 Transnational Feminist Theories

(Student Option; GP)

33767 001 DIS, 16:00-17:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 GWSS 5104; Rachmi Diyah Larasati ; 3 cr.

4107 Feminist Methods

(A-F only;)

18070 001 DIS, Completely Online; Aren Aizura ; 3 cr.

4108 Senior Capstone: Writing

(A-F only;)

16058 001 DIS, 14:30-17:00 M, Twin Cities Remote, Completely Online; Jigna Desai ; 3 cr.

4403 Queering Theory

(Student Option; Prereq: Any GWSS or GLBT course)

33460 001 DIS, Completely Online; Meets With: 001 GWSS 5503; Sima Shakhari ; 3 cr.

4980 Directed Instruction

(Student Option;)

15860 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)

15850 001 IND, In Person Term Based; 1-5 cr.

4994 Directed Research

(Student Option;)

15861 001 IND, In Person Term Based; 1-8 cr.

5104 Transnational Feminist Theory

(Student Option;)

33769 001 DIS, 16:00-17:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 GWSS 4103; Rachmi Diyah Larasati ; 3 cr.

5503 Queering Theory

(Student Option; Prereq: Any GWSS or GLBT course)

34122 001 DIS, Completely Online; Meets With: 001 GWSS 4403; Sima Shakhari ; 3 cr.

5993 Directed Study

(Student Option;)

14211 001 IND, In Person Term Based; 1-12 cr.

5994 Directed Instruction

(Student Option;)

14212 001 IND, In Person Term Based; 1-12 cr.

5995 Directed Research

(Student Option;)

14213 001 IND, In Person Term Based; 1-8 cr.

General Dentistry (GEND)**5152 Advanced General Dentistry Seminar II**

(S-N or Audit;)

19623 001 LEC, 00:00-00:00 , , In Person Term Based; James Gambucci ; 5-10 cr.

5255 Advanced General Dentistry Clinic II

(S-N or Audit;)

19625 001 FWK, 00:00-00:00 , , In Person Term Based; James Gambucci ; 5-15 cr.

5262 Advanced General Dentistry Clinical Administration II

(S-N or Audit;)

19624 001 FWK, 00:00-00:00 , , In Person Term Based; James Gambucci ; 5-10 cr.

5265 Advanced General Dentistry Clinic V

(S-N or Audit;)

19626 001 FWK, 00:00-00:00 , , In Person Term Based; James Gambucci ; 1-15 cr.

Genetics, Cell Biol/Developmnt (GCD)**3022 Genetics**

(Student Option; Prereq: Introductory biology course such as Biol 1009)

11457 090 LEC, Completely Online; York Marahrens ; 3 cr.
11767 002 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Naoko Shima ; 3 cr.**3033 Principles of Cell Biology**

(A-F only; Prereq: BIOL 1009 or equiv)

11630 090 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Naomi Courtemanche ; 3 cr.

3485 Bioinformatic Analysis: Introduction to the Computational Characterization of Genes and Proteins

(A-F only; Prereq: One semester of college biology)

33349 001 LAB, 13:00-14:15 MW, Bruininks Hall 312, In Person Term Based; David Matthes ; 3 cr.

4034 Molecular Genetics and Genomics

(Student Option;)

11860 001 LEC, 09:45-11:00 MW, Bruininks Hall 312, In Person Term Based; David Zarkower ; 3 cr.

4151 Molecular Biology of Cancer

(A-F or Audit; Prereq: Biol 4003)

11861 001 LEC, 09:45-11:00 TTh, ONLINE BLENDED, 09:45-11:00 TTh, Keller Hall 3-210, Partially Online; Vivian Bardwell, Tim Starr ; 3 cr.

4161 Developmental Biology

(Student Option; Prereq: Biol 4003; concurrent registration is required (or allowed) in BIOL 4004 irecommended)

11562 001 LEC, 13:25-14:15 MWF, Molecular Cellular Biol 3-120, In Person Term Based; Ann Rougiev ; 3 cr.

4793W Directed Studies: Writing Intensive

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793, 4794, 4993W, 4994W counts towards CBS major requirements. WI)

11529 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

4794W Directed Research: Writing Intensive

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793, 4794, 4993W, 4994W counts towards CBS major requirements. WI)

11530 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

4993 Directed Studies

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793, 4794, 4993W, 4994W counts towards CBS major requirements.)

11476 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

4994 Directed Research

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793, 4794, 4993W, 4994W counts towards CBS major requirements.)

11475 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

5005 Computer Programming for Biology

(Student Option; Prereq: BIOL 4003 or GCD 3033, general statistics course)

11774 001 LEC, 13:25-14:15 T, Twin Cities Remote, Completely Online; Melissa Gardner ; 3 cr.

11775 002 LAB, 15:35-17:30 Th, Twin Cities Remote, Completely Online; Melissa Gardner ; 3 cr.

5036 Molecular Cell Biology

(Student Option; Prereq: Biol 4004 or instr consent; [sr or grad student] recommended)

11458 001 DIS, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Deanna Koepf ; 3 cr.

Geographic Information Science (GIS)**5530 GIS Internship**

(S-N only; Prereq: instr consent, strong GIS/mapping skills)

15353 001 FWK, 00:00-00:00 , , Independent/Directed Study; Susanna McMaster ; 1-3 cr.

5571 ArcGIS I

(Student Option; Prereq: [GEOG 5561 or equiv, status in MGIS program, familiarity with computer operating systems] or instr consent)

13997 002 LAB, 19:45-21:45 W, Blegen Hall 455, In Person Term Based; 3 cr.

14475 001 LEC, Completely Online; Mark Lindberg ; 3 cr.

5573 Introduction to Digital Mapping:**ArcGIS Basics**

(A-F only; Prereq: [GEOG 5561 or equiv, in MGIS program] or instr consent)

14035 001 LEC, 17:30-19:30 W, Blegen Hall 455, In Person Term Based; Meets With: 001 GEOG 3573; Catherine Hansen ; 2 cr.

5574 Web GIS and Services

(Student Option; Prereq: [GEOG 5561 or equiv, in MGIS program] or instr consent)

15752 002 LEC, 17:00-19:30 T, Blegen Hall 455, In Person Term Based; Justin Hansen ; 3 cr.

5578 GIS Programming

(Student Option; Prereq: instr consent)

16934 001 LEC, 18:00-20:30 Th, Twin Cities Remote, Completely Online; Peter Wiringa ; 3 cr.

Geography (GEOG)**1301W Our Globalizing World**

(Student Option; GP,WI,SOCs)

13626 001 LEC, 10:10-11:00 , ONLINE, Completely Online; Adam Bledsoe ; 3 cr.

13627 002 DIS, 11:15-12:05 W, Twin Cities Remote, Completely Online; 3 cr.

16176 003 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; 3 cr.

16290 004 DIS, 11:15-12:05 W, Twin Cities Remote, Completely Online; 3 cr.

16641 005 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; 3 cr.

1372 Geography of Global Cities

(Student Option; GP,SOCs)

16636 001 LEC, Completely Online; Eric Goldfischer ; 3 cr.

1403 Biogeography of the Global Garden

(Student Option; BIOL,ENV)

13755 002 LAB, Completely Online; 4 cr.

13756 003 LAB, Completely Online; 4 cr.

13757 004 LAB, Completely Online; 4 cr.

13758 006 LAB, Completely Online; 4 cr.

13759 008 LAB, Completely Online; 4 cr.

14196 010 LAB, Completely Online; 4 cr.

14546 011 LAB, Completely Online; 4 cr.

14547 012 LAB, Completely Online; 4 cr.

14805 001 LEC, Completely Online; Meets With: 001 GEOG 1403H; Daniel Griffin ; 4 cr.

16052 007 LAB, Completely Online; 4 cr.

17684 005 LAB, Completely Online; 4 cr.

17685 009 LAB, Completely Online; ; 4 cr.

1403H Honors: Biogeography of the Global Garden

(A-F only; Prereq: HonorsBIOL,ENV)

34413 001 LEC, Completely Online; Meets With: 001 GEOG 1403; Daniel Griffin ; 4 cr.

34414 002 LAB, Completely Online; ; 4 cr.

1425 Introduction to Weather and Climate

(Student Option; ENV,PHYS)

14563 001 LEC, Completely Online; Meets With: 001 ESPM 1425; Katherine Klink ; 4 cr.

14660 002 LAB, Completely Online; Meets With: 002 ESPM 1425; 4 cr.

14671 003 LAB, Completely Online; Meets With: 003 ESPM 1425; 4 cr.

1502 Mapping Our World

(Student Option; SOCS,TS)

15487 001 LEC, Completely Online; Steven Manson ; 3 cr.

1913 Living with Innovation

(A-F only;)

34041 001 DIS, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Peter Calow ; 3 cr.

1914 The Border Crossed Us: Latinx Life and Justice in the City

(A-F only;)

33172 001 DIS, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Madelaine Cahuas ; 3 cr.

1973 Geography of the Twin Cities

(Student Option; SOCS)

13604 001 LEC, 09:45-11:00 TTh, Anderson Hall 370, In Person Term Based; Meets With: 001 GEOG 3973; Paula Pentel ; 3 cr.

3145 The Islamic World

(Student Option; GP,SOCS)
34967 001 LEC, 17:00-19:30 W, Blegen Hall 445, In Person Term Based; Meets With: 001 RELS 3711; Abdi Samatar ; 3 cr.

3161 Europe: A Geographic Perspective

(Student Option; GP)
17789 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Arun Saldanha ; 3 cr.

3331 Geography of the World Economy

(Student Option; GP,SOCS)
16199 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Meets With: 001 GLOS 3231; Vinay Gidwani ; 3 cr.

3361W Geography and Public Policy

(Student Option; WI)
16951 001 LEC, Completely Online; Meets With: 001 BSE 3361W; Roderick Squires ; 3 cr.

3371W Cities, Citizens, and Communities

(Student Option; DSJ,WI)
13605 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Madelaine Cahuas ; 3 cr.

3376 Political Ecology of North America

(Student Option; ENV)
34391 001 LEC, Completely Online; Ned Wilbur ; 3 cr.

3379 Environment and Development in the Third World

(A-F or Audit; Prereq: Soph or jr or srENV,SOCS)
16953 001 LEC, 17:00-19:30 T, Willey Hall 125, In Person Term Based; Abdi Samatar ; 3 cr.

3381W Population in an Interacting World

(Student Option; GP,WI,SOCS)
14564 001 LEC, Completely Online; John Bowman ; 3 cr.

3401 Geography of Environmental Systems and Global Change

(Student Option; ENV)
34328 001 LEC, Completely Online; Meets With: 001 GEOG 5401; Katherine Klink ; 3 cr.

3411W Geography of Health and Health Care

(Student Option; WI)
16959 001 LEC, 14:30-15:45 MW, Anderson Hall 370, Partially Online; Kathryn Grace ; 3 cr.

3511 Principles of Cartography

(Student Option; Prereq: 3 cr in geog or instr consent)
17854 001 LEC, 11:15-12:30 W, Twin Cities Remote, Completely Online; Meets With: 001 GEOG 5511; Kate Carlson ; 4 cr.
17855 002 LAB, 13:00-14:55 M, Blegen Hall 455, In Person Term Based; Meets With: 002 GEOG 5511; 4 cr.
17856 003 LAB, 11:15-13:10 F, Blegen Hall 455, In Person Term Based; Meets With: 003 GEOG 5511; 4 cr.

3561 Principles of Geographic Information Science

(Student Option; Prereq: Jr or sr)
13724 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 GEOG 5561; Ying Song ; 4 cr.
13725 002 LAB, 17:40-19:35 T, Blegen Hall 440, In Person Term Based; Meets With: 002 GEOG 5561; Ying Song ; 4 cr.
13726 003 LAB, 10:10-12:05 W, Blegen Hall 455, In Person Term Based; Meets With: 003 GEOG 5561; Ying Song ; 4 cr.
13727 004 LAB, 15:35-17:30 M, Blegen Hall 455, In Person Term Based; Meets With: 004 GEOG 5561; Ying Song ; 4 cr.

3573 Introduction to Digital Mapping: ArcGIS Basis

(A-F only ;)
16425 001 LEC, 17:30-19:30 W, Blegen Hall 455, In Person Term Based; Meets With: 001 GIS 5573; Catherine Hansen ; 2 cr.

3900 Topics in Geography

(Student Option;)
34033 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Adam Bledsoe ; 3 cr.

3973 Geography of the Twin Cities

(Student Option; SOCS)
14197 001 LEC, 09:45-11:00 TTh, Anderson Hall 370, In Person Term Based; Meets With: 001 GEOG 1973; Paula Pentel ; 3 cr.

3992 Directed Reading

(Student Option; Prereq-instr consent, dept consent, college consent.)
14088 001 IND, In Person Term Based; 1-8 cr.
14186 002 IND, In Person Term Based; 1-8 cr.
14720 005 IND, In Person Term Based; 1-8 cr.

3994 Directed Research

(Student Option; Prereq instr consent, dept consent, college consent.)
14089 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.
14188 002 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.)
15983 001 IND, 00:00-00:00 , , In Person Term Based; Bruce Braun ; 3-4 cr.
17015 002 IND, In Person Term Based; Kate Derickson ; 3-4 cr.
17016 003 IND, In Person Term Based; Somayeh Dodge ; 3-4 cr.
17017 004 IND, In Person Term Based; Vinay Gidwani ; 3-4 cr.
17018 005 IND, In Person Term Based; Kathryn Grace ; 3-4 cr.
17019 006 IND, In Person Term Based; Daniel Griffin ; 3-4 cr.
17020 007 IND, In Person Term Based; George Henderson ; 3-4 cr.
17021 008 IND, In Person Term Based; Kurt Kipfmuller ; 3-4 cr.
17022 009 IND, In Person Term Based; Katherine Klink ; 3-4 cr.
17023 010 IND, In Person Term Based; Mark Lindberg ; 3-4 cr.
17024 011 IND, In Person Term Based; 3-4 cr.
17025 012 IND, In Person Term Based; 3-4 cr.
17026 013 IND, In Person Term Based; Arun Saldanha ; 3-4 cr.
17027 014 IND, In Person Term Based; Abdi Samatar ; 3-4 cr.
17028 015 IND, In Person Term Based; Eric Shook ; 3-4 cr.
17029 016 IND, In Person Term Based; Ying Song ; 3-4 cr.
17030 017 IND, In Person Term Based; Roderick Squires ; 3-4 cr.
17031 018 IND, In Person Term Based; 3-4 cr.
17033 019 IND, In Person Term Based; 3-4 cr.

3997 Senior Project

(A-F only; Prereq instr consent, dept consent, college consent.)
15985 001 IND, 00:00-00:00 , , In Person Term Based; Bruce Braun ; 2 cr.
17053 002 IND, In Person Term Based; Kate Derickson ; 2 cr.
17054 003 IND, In Person Term Based; Somayeh Dodge ; 2 cr.
17055 004 IND, In Person Term Based; Vinay Gidwani ; 2 cr.
17056 005 IND, In Person Term Based; Kathryn Grace ; 2 cr.
17057 006 IND, In Person Term Based; Daniel Griffin ; 2 cr.
17058 007 IND, In Person Term Based; George Henderson ; 2 cr.
17059 008 IND, In Person Term Based; Kurt Kipfmuller ; 2 cr.
17060 009 IND, In Person Term Based; Katherine Klink ; 2 cr.
17061 010 IND, In Person Term Based; Mark Lindberg ; 2 cr.
17062 011 IND, In Person Term Based; 2 cr.
17063 012 IND, In Person Term Based; 2 cr.
17064 013 IND, In Person Term Based; Arun Saldanha ; 2 cr.
17065 014 IND, In Person Term Based; Abdi Samatar ; 2 cr.
17066 015 IND, In Person Term Based; Eric Shook ; 2 cr.
17067 016 IND, In Person Term Based; Ying Song ; 2 cr.
17068 017 IND, In Person Term Based; Roderick Squires ; 2 cr.
17069 018 IND, In Person Term Based; 2 cr.
17070 019 IND, In Person Term Based; 2 cr.

4001 Modes of Geographic Inquiry

(Student Option;)
14486 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Bruce Braun ; 4 cr.

5401 Geography of Environmental Systems and Global Change

(Student Option; Prereq: grad student or instr consent)
34402 001 LEC, Completely Online; Meets With: 001 GEOG 3401; Katherine Klink ; 3 cr.

5511 Principles of Cartography

(Student Option;)
17857 001 LEC, 11:15-12:30 W, Twin Cities Remote, Completely Online; Meets With: 001 GEOG 3511; Kate Carlson ; 4 cr.
17858 002 LAB, 13:00-14:55 M, Blegen Hall 455, In Person Term Based; Meets With: 002 GEOG 3511; 4 cr.
17859 003 LAB, 11:15-13:10 F, Blegen Hall 455, In Person Term Based; Meets With: 003 GEOG 3511; 4 cr.

5561 Principles of Geographic Information Science

(Student Option; Prereq: grad)
13921 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 GEOG 3561; Ying Song ; 4 cr.
13922 002 LAB, 17:40-19:35 T, Blegen Hall 440, In Person Term Based; Meets With: 002 GEOG 3561; Ying Song ; 4 cr.
13923 003 LAB, 10:10-12:05 W, Blegen Hall 455, In Person Term Based; Meets With: 003 GEOG 3561; Ying Song ; 4 cr.
13924 004 LAB, 15:35-17:30 M, Blegen Hall 455, In Person Term Based; Meets With: 004 GEOG 3561; Ying Song ; 4 cr.

German (GER)

1001 Beginning German

(Student Option;)
13787 002 DIS, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 GER 4001; Melissa Wicker ; 5 cr.
13788 003 DIS, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 GER 4001; Jennifer Peterson ; 5 cr.
13789 004 DIS, 14:30-15:20 MTWThF, Twin Cities Remote, Completely Online; Meets With: 005 GER 4001; DeeAnn Sime ; 5 cr.
13790 005 DIS, 18:20-20:25 MW, Keller Hall 3-230, In Person Term Based; Meets With: 006 GER 4001; Fiona Shaw ; 5 cr.
17575 001 DIS, 08:00-08:50 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 GER 4001; Olivia Branstetter ; 5 cr.

1002 Beginning German

(Student Option; Prereq: 1001)
14507 003 DIS, 18:20-20:25 MW, Bruininks Hall 432, In Person Term Based; Meets With: 003 GER 4002; Kathleen Ibe ; 5 cr.
16862 002 DIS, 12:20-13:10 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 GER 4002; DeeAnn Sime ; 5 cr.

1003 Intermediate German

(Student Option; Prereq: 1002 or Entrance Proficiency Test)
13825 001 DIS, 08:00-08:50 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 GER 4003; Beth Kautz ; 5 cr.
13827 004 DIS, 13:25-14:15 MWTh, Bruininks Hall 220, Partially Online; Meets With: 005 GER 4003; Yana Taets ; 5 cr.
13828 005 DIS, 18:20-20:25 TTh, Nicholson Hall 35, In Person Term Based; Meets With: 006 GER 4003; Ari Hoptman ; 5 cr.
17577 002 DIS, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 GER 4003; Ari Hoptman ; 5 cr.

1004 Intermediate German

(Student Option; Prereq: 1003 or completion of Entrance Proficiency Test at 1004 level)
13830 002 DIS, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 GER 4004; Virginia Steinhagen ; 5 cr.
13831 003 DIS, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 GER 4004; Virginia Steinhagen ; 5 cr.
14485 004 DIS, 13:25-14:15 MWTh, Nicholson Hall 35, Partially Online; Meets With: 004 GER 4004; Arsena laneva-Lockney ; 5 cr.
14700 005 DIS, 18:20-20:25 TTh, Tate Hall B20, In Person Term Based; Meets With: 005 GER 4004; Arsena laneva-Lockney ; 5 cr.

1022 Beginning German Review

(Student Option; Prereq: Placement above 1001)
13837 001 DIS, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; DeeAnn Sime ; 5 cr.
14272 002 DIS, 12:20-13:10 MTWThF, Twin Cities Remote, Completely Online; Jennifer Peterson ; 5 cr.

3011W Conversation and Composition**(Student Option; Prereq: 1004WI)**

13849 002 DIS, 14:30-16:25 MW, Twin Cities Remote, Completely Online; Emily Groepper ; 4 cr.
 13850 001 DIS, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Helena Ruf ; 4 cr.

3014 German Media**(Student Option; Prereq: 3011)**

16177 001 DIS, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Jenneke Oosterhoff ; 3 cr.

3104W Reading and Analysis of German Literature**(Student Option; Prereq: 3011LITR,WI)**

14185 001 DIS, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Meyer Weinschel ; 3 cr.

3441 20th-/21st-Century Literature**(Student Option; Prereq: 3011)**

32953 001 DIS, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 GER 5410; Ross Etherton ; 3 cr.

3604W Introduction to German Cinema**(Student Option; AH,WI,GP)**

16864 001 LEC, 16:40-20:40 M, Bruininks Hall 220, In Person Term Based; Rick Mc Cormick ; 3 cr.

3641 German Folklore**(Student Option; Prereq: No knowledge of German required; cr for major or minor by arrangement with instructorGP,LITR)**

32954 001 LEC, 18:20-20:50 W, Twin Cities Remote, Completely Online; Anatoly Liberman ; 3 cr.

3651 Thinking Environment: Green Culture, German Literature and Global Debates**(Student Option; ENV,LITR)**

17590 001 DIS, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Meets With: 001 GER 5651; Charlotte Melin, Ross Etherton ; 3 cr.

3993 Directed Studies**(Student Option; Prereq instr consent, dept consent, college consent.)**

14045 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

4001 Beginning German for Graduate**Research****(Student Option; Prereq: Grad student)**

14860 002 DIS, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 GER 1001; Melissa Wicker ; 5 cr.

14861 003 DIS, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 GER 1001; Jennifer Peterson ; 5 cr.

14862 005 DIS, 14:30-15:20 MTWThF, Twin Cities Remote, Completely Online; Meets With: 004 GER 1001; DeeAnn Sime ; 5 cr.

14873 006 DIS, 18:20-20:25 MW, Keller Hall 3-230, In Person Term Based; Meets With: 005 GER 1001; Fiona Shaw ; 5 cr.

17576 001 DIS, 08:00-08:50 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 GER 1001; Olivia Branstetter ; 5 cr.

4002 Beginning German for Graduate**Research****(Student Option; Prereq: Grad student)**

14864 003 DIS, 18:20-20:25 MW, Bruininks Hall 432, In Person Term Based; Meets With: 003 GER 1002; Kathleen Ibe ; 5 cr.

16863 002 DIS, 12:20-13:10 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 GER 1002; DeeAnn Sime ; 5 cr.

4003 Intermediate German for Graduate**Research****(Student Option; Prereq: Grad student)**

14865 001 DIS, 08:00-08:50 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 GER 1003; Beth Kautz ; 5 cr.

14874 005 DIS, 13:25-14:15 MWTh, Bruininks Hall 220, Partially Online; Meets With: 004 GER 1003; Yana Taets ; 5 cr.

14875 006 DIS, 18:20-20:25 TTh, Nicholson Hall 35, In Person Term Based; Meets With: 005 GER 1003; Ari Hoptman ; 5 cr.

17578 002 DIS, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 GER 1003; Ari Hoptman ; 5 cr.

4004 Intermediate German for Graduate**Research****(Student Option; Prereq: Grad student)**

14868 002 DIS, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 GER 1004; Virginia Steinhagen ; 5 cr.

14869 003 DIS, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 GER 1004; Virginia Steinhagen ; 5 cr.

14870 004 DIS, 13:25-14:15 MWTh, Nicholson Hall 35, Partially Online; Meets With: 004 GER 1004; Arsenia Ianeva-Lockney ; 5 cr.

14871 005 DIS, 18:20-20:25 TTh, Tate Hall B20, In Person Term Based; Meets With: 005 GER 1004; Arsenia Ianeva-Lockney ; 5 cr.

5011 Advanced Conversation and**Composition****(Student Option; Prereq: 3012, [grad student or adv undergrad])**

17177 001 DIS, 17:00-19:30 W, Folwell Hall 12, In Person Term Based; Arsenia Ianeva-Lockney ; 3 cr.

5410 Topics in German Literature**(Student Option;)**

33015 001 DIS, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 GER 3441; Ross Etherton ; 3 cr.

5610 German Literature in Translation**(Student Option; Prereq: No knowledge of German required; cr toward major or minor requires reading in German)**

33016 001 DIS, 16:40-19:10 M, Twin Cities Remote, Completely Online; Meets With: 001 PHIL 4414001 PHIL 5414; Matthias Rothe ; 3 cr.

5630 Topics in German Cinema**(Student Option; Prereq: 3xxx film course or instr consent)**

33017 001 LEC, 16:40-20:40 T, Folwell Hall 112, In Person Term Based; Rick Mc Cormick ; 3 cr.

5651 Thinking Environment: Green Culture, German Literature and Global Debates**(Student Option; ENV,LITR)**

17591 001 DIS, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Meets With: 001 GER 3651; Charlotte Melin, Ross Etherton ; 3 cr.

5993 Directed Studies**(Student Option; Prereq instr consent, dept consent, college consent.)**

14036 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

German, Scandinavian, and Dutch (GSD)**3511W Vikings, Knights, and Reformers:****German and European Culture and Controversies to 1700****(Student Option; WI)**

14275 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; James Parente ; 3 cr.

5103 Teaching of Germanic Languages**(Student Option;)**

13917 001 DIS, 14:30-17:00 M, Twin Cities Remote, Completely Online; Meets With: 001 SPPT 5999001 FRIT 5999; Kate Paesani ; 3 cr.

Gerontology (GERO)**Global Studies (GLOS)****3105 Ways of Knowing in Global Studies****(Student Option;)**

34776 001 LEC, 14:30-17:00 T, Twin Cities Remote, Completely Online; Serra Hakyemez ; 3 cr.

3144 Knowledge, Power, and the Politics of Representation in Global Studies**(A-F only; Prereq: soph, jr, or sr)**

13932 001 LEC, 10:10-11:00 MW, Twin Cities Remote, Completely Online; Meets With: 001 GLOS 3144H; William Viestenz ; 3 cr.

14510 002 DIS, 10:10-11:00 F, Twin Cities Remote,

Completely Online; Jose Aguirre ; 3 cr.

14511 003 DIS, 11:15-12:05 F, Twin Cities Remote,

Completely Online; Jose Aguirre ; 3 cr.

14512 004 DIS, 10:10-11:00 F, Twin Cities Remote,

Completely Online; Timothy Frye ; 3 cr.

14513 006 DIS, 10:10-11:00 F, Twin Cities Remote,

Completely Online; Ketaki Jaywant ; 3 cr.

15319 005 DIS, 11:15-12:05 F, Twin Cities Remote,

Completely Online; Timothy Frye ; 3 cr.

3144H Honors: Knowledge, Power, and the Politics of Representation in Global Studies**(A-F only; Prereq: Honors soph, jr, or sr)**

14626 001 LEC, 10:10-11:00 MW, Twin Cities Remote, Completely Online; Meets With: 001 GLOS 3144; William Viestenz ; 3 cr.

14627 002 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; William Viestenz ; 3 cr.

3145 Global Modernity, the Nation-State, and Capitalism**(A-F only; Prereq: soph, jr, or sr Units: 3.00)**

34452 001 LEC, Completely Online; Meets With: 001 GLOS 3145H; Ajay Skaria ; 3 cr.

34453 002 DIS, 12:20-13:10 F, Twin Cities Remote, Completely Online; Meets With: 002 GLOS 3145H; Ajay Skaria ; 3 cr.

3145H Honors: Global Modernity, the Nation-State, and Capitalism**(A-F only; Prereq: Honors soph, jr, or sr Units: 3.00)**

34456 001 LEC, Completely Online; Meets With: 001 GLOS 3145; Ajay Skaria ; 3 cr.

34457 002 DIS, 12:20-13:10 F, Twin Cities Remote, Completely Online; Meets With: 002 GLOS 3145; Ajay Skaria ; 3 cr.

3215 Supercapitalism: Labor, Consumption & the Environment in the New Global Economy**(A-F only;)**

33544 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Wei Ye ; 3 cr.

3231 Geography of the World Economy**(Student Option; GP,SOCS)**

33616 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Meets With: 001 GEOG 3331; Vinay Gidwani ; 3 cr.

3305 Life for Sale: Global Debates on Environment, Science, and Society**(A-F only; Prereq: soph or jr or sr)**

16644 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Susan Craddock ; 3 cr.

3401W International Human Rights Law**(A-F or Audit; GP,WI)**

14570 001 LEC, 17:30-20:30 M, Twin Cities Remote, Completely Online; Hassan Abdel Salam ; 3 cr.

3550V Honors Course: Supervised Research Paper**(A-F only; Prereq: dept consentWI)**

15557 001 LEC, 14:30-17:00 Th, Twin Cities Remote, Completely Online; Meets With: 001 GLOS 3981W; Susan Craddock ; 4 cr.

3602 In Other Worlds: Globalization and Culture**(A-F or Audit;)**

17852 001 LEC, Completely Online; Danielle Dadras ; 3 cr.

3681 Gender and the Family in the Islamic World**(A-F only; Prereq: At least soph; 1001 recommended)**

33228 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 SOC 3681001 GWSS 3681001 RELS 3716; Cawo Abdi ; 3 cr.

3981W Major Project Seminar**(A-F or Audit; Prereq: dept consentWI)**

15555 001 LEC, 14:30-17:00 Th, Twin Cities Remote, Completely Online; Meets With: 001 GLOS 3550V; Susan Craddock ; 3 cr.

3993 Directed Study**(Student Option; Prereq instr consent, dept consent, college consent.)**

15556 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-5 cr.

5993 Directed Studies

(Student Option;)

14122 001 IND, Independent/Directed Study; 1-4 cr.

35680 101 IND, Independent/Directed Study; Barbara Frey ; 1-4 cr.

Graduate School (GRAD)**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.)

20600 001 LEC, 16:40-17:30 M, Twin Cities Remote, Completely Online; Elena Stetsenko, Mary Jetter ; 2 cr.

20608 003 LAB, 12:20-13:10 W, Twin Cities Remote, Completely Online; Mary Jetter, Elena Stetsenko ; 2 cr.

20609 004 LAB, 13:25-14:15 W, Twin Cities Remote, Completely Online; Mary Jetter, Elena Stetsenko ; 2 cr.

20610 006 LAB, 10:10-11:00 Th, Twin Cities Remote, Completely Online; Mary Jetter, Elena Stetsenko ; 2 cr.

20611 008 LAB, 10:10-11:00 F, Twin Cities Remote, Completely Online; Mary Jetter, Elena Stetsenko ; 2 cr.

20626 011 LAB, 09:05-09:55 Th, Twin Cities Remote, Completely Online; Mary Jetter, Elena Stetsenko ; 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.)

20602 001 LEC, 13:25-14:15 M, Twin Cities Remote, Completely Online; Barbara Beers, Alyssa Bonnac ; 1-2 cr.

20603 021 LAB, 00:00-00:00 , ONLINE, Completely Online; Barbara Beers, Alyssa Bonnac ; 1-2 cr.

20607 009 LEC, 16:40-17:30 M, Twin Cities Remote, Completely Online; Barbara Beers ; 1-2 cr.

20615 003 LAB, 10:10-11:00 T, Univ Ofc Plaza 124, Primarily Online; Barbara Beers, Alyssa Bonnac ; 1-2 cr.

20616 004 LAB, 15:35-16:25 T, Univ Ofc Plaza 124, Primarily Online; Barbara Beers ; 1-2 cr.

20617 005 LAB, 14:30-15:20 W, Univ Ofc Plaza 124, Primarily Online; Barbara Beers, Alyssa Bonnac ; 1-2 cr.

20619 007 LAB, 08:00-08:50 W, Univ Ofc Plaza 124, Primarily Online; Barbara Beers ; 1-2 cr.

20621 011 LAB, 13:25-14:15 Th, Univ Ofc Plaza 124, Primarily Online; Barbara Beers ; 1-2 cr.

20625 015 LAB, 10:10-11:00 W, Univ Ofc Plaza 124, Primarily Online; Barbara Beers ; 1-2 cr.

Graduate Summer Research (GRD)**Grand Challenge Curriculum (GCC)****1903 Sustainable Development with Environmental Justice**

(A-F only; ENV)

34088 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Ashok Singh ; 3 cr.

1905 Art + Health Justice: Building Community Resilience

(A-F only; DSJ)

34144 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Diane Willow ; 3 cr.

1906 Rare Diseases: What it Takes to Be a Medical Orphan

(A-F only;)

34318 001 LEC, 09:45-11:00 WF, Twin Cities Remote, Completely Online; Reena Kartha ; 3 cr.

3003 Seeking Solutions to Global Health Issues

(A-F only; GP)

26906 001 LEC, 16:00-19:00 Th, Twin Cities Remote, Completely Online; Meets With: 001 GCC 5003; Cheryl Robertson, Fred Rose ; 3 cr.

3005 Innovation for the Public Good: Post-Pandemic Venture Design

(A-F only; GP)

26907 001 LEC, 15:00-18:00 T, Bruininks Hall 114, In Person Term Based; Meets With: 001 GCC 5005; Megan Voorhees, Andrea Davila, Robert Gradoville ; 3 cr.

3017 World Food Problems: Agronomics, Economics and Hunger

(A-F only; GP)

26908 001 LEC, 11:45-13:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 GCC 5017; Carlisle Runge, Peter Morrell ; 3 cr.

3024 11 Billion People: How long can the planet sustain humanity?

(A-F only; ENV)

26916 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 GCC 5024; Jeffrey Broadbent, Ashok Singh ; 3 cr.

3026 Stepping Into the Gap: How can you support diversity in STEM?

(A-F only; DSJ)

26915 001 LEC, 16:00-17:15 TTh, Bruininks Hall 312, In Person Term Based; Keisha Varma, Cheryl Olman ; 3 cr.

3027 Power Systems Journey: Making the Invisible Visible and Actionable

(A-F only; TS)

26932 001 LEC, 15:00-17:30 W, Twin Cities Remote, Completely Online; Meets With: 001 GCC 5027; Jonee Brigham, Paul Imbertson ; 3 cr.

3036 Seeking Connection through Decolonization: The Power of Indigenous Lands and Languages

(A-F only; DSJ)

33597 001 LEC, 09:45-11:00 TTh, 10 Church Street SE 100, In Person Term Based; Meets With: 001 GCC 5036; Mary Hermes, Neil McKay ; 3 cr.

3037 Wealth & Inequality: Past, Present, Future

(A-F only; DSJ)

34320 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Benjamin Wiggins, Karen Ho ; 3 cr.

3039 Creative Thinking: Strategies to Enhance Creative Capital in Society

(A-F only; DSJ)

34093 001 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 GCC 5039; Jose Pardo, Alice Larson ; 3 cr.

5003 Seeking Solutions to Global Health Issues

(A-F only; GP)

26889 001 LEC, 16:00-19:00 Th, Twin Cities Remote, Completely Online; Meets With: 001 GCC 3003; Cheryl Robertson, Fred Rose ; 3 cr.

5005 Innovation for the Public Good: Post-Pandemic Venture Design

(A-F only; GP)

26890 001 LEC, 15:00-18:00 T, Bruininks Hall 114, In Person Term Based; Meets With: 001 GCC 3005; Megan Voorhees, Andrea Davila, Robert Gradoville ; 3 cr.

5017 World Food Problems: Agronomics, Economics and Hunger

(A-F only; GP)

26905 001 LEC, 11:45-13:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 GCC 3017; Carlisle Runge, Peter Morrell ; 3 cr.

5024 11 Billion People: How long can the planet sustain humanity?

(A-F only; ENV)

26917 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 GCC 3024; Jeffrey Broadbent, Ashok Singh ; 3 cr.

5027 Power Systems Journey: Making the Invisible Visible and Actionable

(A-F only; TS)

26933 001 LEC, 15:00-17:30 W, Twin Cities Remote, Completely Online; Meets With: 001 GCC 3027; Jonee Brigham, Paul Imbertson ; 3 cr.

5036 Seeking Connection through Decolonization: The Power of Indigenous Lands and Languages

(A-F only; DSJ)

33669 001 LEC, 09:45-11:00 TTh, 10 Church Street SE 100, In Person Term Based; Meets With: 001 GCC 3036; Mary Hermes, Neil McKay ; 3 cr.

5039 Creative Thinking

(A-F only; DSJ)

34107 001 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 GCC 3039; Jose Pardo, Alice Larson ; 3 cr.

Graphic Design (GDES)**1311 Foundations: Drawing and Design in Two and Three Dimensions**

(A-F or Audit;)

10921 002 LAB, 11:45-14:45 MW, McNeal Hall 258, Partially Online; James Boyd Brent ; 4 cr.

10922 003 LAB, 15:00-18:00 MW, McNeal Hall 258, Partially Online; Frances Trice ; 4 cr.

11222 004 LAB, 15:00-18:00 TTh, McNeal Hall 258, Partially Online; Kent Gay ; 4 cr.

11337 001 LAB, 11:45-14:45 TTh, McNeal Hall 258, Partially Online; James O'Brien ; 4 cr.

1312 Foundations: Color and Design in Two and Three Dimensions

(A-F or Audit;)

10876 001 LAB, Completely Online; Alex Newby ; 4 cr.

10915 002 LAB, Completely Online; Alex Newby ; 4 cr.

11225 003 LAB, Completely Online; Alex Newby ; 4 cr.

11226 004 LAB, Completely Online; Alex Newby ; 4 cr.

1315 Foundations: The Graphic Studio

(A-F or Audit; Prereq: Graphic design premajor design minor or instr consent)

10877 001 LAB, 08:30-11:30 MW, Twin Cities Remote, Completely Online; James O'Brien ; 4 cr.

11224 002 LAB, 11:45-14:45 TTh, McNeal Hall 262, Partially Online; Daniel Jasper ; 4 cr.

11297 003 LAB, 15:00-18:00 TTh, Twin Cities Remote, Completely Online; Alexandra Hermon ; 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)

11088 001 FWK, Independent/Directed Study; James Boyd Brent ; 1-4 cr.

11089 002 FWK, Independent/Directed Study; Sauman Chu ; 1-4 cr.

11090 003 FWK, Independent/Directed Study; Brad Hokanson ; 1-4 cr.

11091 004 FWK, Independent/Directed Study; Daniel Jasper ; 1-4 cr.

11093 006 FWK, Independent/Directed Study; Steven McCarthy ; 1-4 cr.

11094 007 FWK, Independent/Directed Study; Carol Waldron ; 1-4 cr.

11196 008 FWK, Independent/Directed Study; Eugene Park ; 1-4 cr.

2342 Web Design

(A-F only;)

11142 001 LAB, 15:00-16:55 MW, ONLINE BLENDED, 15:00-16:55 MW, McNeal Hall 262, Partially Online; Yun Ha Seo ; 3 cr.

11143 002 LAB, 11:45-13:40 MW, ONLINE BLENDED, 11:45-13:40 MW, McNeal Hall 250, Partially Online; Frances Trice ; 3 cr.

31959 003 LAB, Completely Online; Michael Arney ; 3 cr.

2345 Typography

(A-F only;)

10878 001 LAB, 11:45-14:45 MW, ONLINE BLENDED, 11:45-14:45 MW, McNeal Hall 336, Partially Online; Bill Moran ; 4 cr.

11219 002 LAB, 11:45-14:45 TTh, ONLINE BLENDED, 11:45-14:45 TTh, McNeal Hall 336, Partially Online; Karl Engebretson ; 4 cr.

11238 003 LAB, 08:30-11:30 MW, ONLINE BLENDED, 08:30-11:30 MW, McNeal Hall 336, Partially Online; Carol Waldron ; 4 cr.

2361 Design Process: Photography

(A-F only;)

10963 001 LAB, 08:30-12:35 F, McNeal Hall 336, 08:30-12:35 F, ONLINE BLENDED, Partially Online; Alison Malone ; 3 cr.

2399V Design and its Discontents: Design, Society, Economy, and Culture

(A-F only; WI)

11256 001 LEC, Completely Online; Meets With: 001 GDES 2399W; Daniel Jasper ; 3 cr.

2399W Design and its Discontents: Design, Society, Economy, and Culture

(A-F only; WI)

11140 001 LEC, Completely Online; Meets With: 001 GDES 2399V; Daniel Jasper ; 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)

11267 001 LAB, 08:30-10:25 , ONLINE BLENDED, 08:30-10:25 TTh, McNeal Hall 262, Partially Online; Meets With: 001 GDES 5311; John Owens ; 3 cr.

3312 Color and Form in Surface Design

(A-F only;)

10881 001 LAB, 08:30-11:30 MW, ONLINE BLENDED, 08:30-11:30 MW, McNeal Hall B9, Partially Online; James Boyd Brent ; 4 cr.
32958 003 LAB, 11:45-14:45 MW, ONLINE BLENDED, 11:45-14:45 MW, McNeal Hall B9, Partially Online; Alex Newby ; 4 cr.

3351 Text and Image

(A-F or Audit; Prereq: [2345 or DHA 2345], graphic design major, pass portfolio review)

10880 001 LAB, 11:45-13:40 TTh, ONLINE BLENDED, 11:45-13:40 TTh, McNeal Hall 250, Partially Online; Steven McCarthy ; 3 cr.

3352 Identity and Symbols

(A-F only; Prereq: pass portfolio review, graphic design major)

11241 002 LAB, Completely Online; Carly Bosanko ; 3 cr.
11299 001 LAB, 15:00-16:55 MW, ONLINE BLENDED, 15:00-16:55 MW, McNeal Hall 250, Partially Online; Meets With: 001 GDES 3352H; Eugene Park ; 3 cr.

3352H Honors: Identity and Symbols

(A-F only;)

11257 001 LAB, 15:00-16:55 MW, ONLINE BLENDED, 15:00-16:55 MW, McNeal Hall 250, Partially Online; Meets With: 001 GDES 3352; Eugene Park ; 3 cr.

3353 Packaging and Display

(A-F only;)

11136 001 LAB, 11:45-13:40 TTh, Twin Cities Remote, Completely Online; Terresa Moses ; 3 cr.
11191 002 LAB, Completely Online; Hannah Johnson ; 3 cr.

4131W History of Graphic Design

(A-F or Audit; Prereq: Intro history or art history courseWI)

10900 001 LEC, 09:35-11:30 MW, Twin Cities Remote, Completely Online; Bill Moran ; 4 cr.

4160H Honors Capstone Project

(A-F only; Prereq: Graphic design honors)

11108 001 LEC, Independent/Directed Study; James Boyd Brent ; 2 cr.
11109 002 LEC, Independent/Directed Study; Sauman Chu ; 2 cr.
11110 003 LEC, Independent/Directed Study; Brad Hokanson ; 2 cr.
11111 004 LEC, Independent/Directed Study; Daniel Jasper ; 2 cr.
11112 005 LEC, Independent/Directed Study; 2 cr.
11113 006 LEC, Independent/Directed Study; Steven McCarthy ; 2 cr.
11114 007 LEC, In Person Term Based; Carol Waldron ; 2 cr.

4193 Directed Study in Graphic Design

(Student Option No Audit; Prereq: Undergrad, instr consent)

11095 001 IND, Independent/Directed Study; James Boyd Brent ; 1-4 cr.
11096 002 IND, Independent/Directed Study; Sauman Chu ; 1-4 cr.
11097 003 IND, Independent/Directed Study; Brad Hokanson ; 1-4 cr.
11098 004 IND, Independent/Directed Study; Daniel Jasper ; 1-4 cr.
11100 006 IND, Independent/Directed Study; Steven McCarthy ; 1-4 cr.
11197 007 IND, Independent/Directed Study; Eugene Park ; 1-4 cr.
11353 008 IND, Independent/Directed Study; Frances Trice ; 1-4 cr.
11354 009 IND, Independent/Directed Study; Debra Lawton ; 1-4 cr.

11355 010 IND, Independent/Directed Study; Karl Engbretson ; 1-4 cr.

11361 011 IND, Independent/Directed Study; Carol Waldron ; 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 [advisor, internship supervisor], written consent of faculty supervisor, instr consent)

11101 001 FWK, Independent/Directed Study; James Boyd Brent ; 1-3 cr.
11102 002 FWK, Independent/Directed Study; Sauman Chu ; 1-3 cr.
11103 003 FWK, Independent/Directed Study; Brad Hokanson ; 1-3 cr.
11104 004 FWK, Independent/Directed Study; Daniel Jasper ; 1-3 cr.
11105 005 FWK, Independent/Directed Study; 1-3 cr.
11106 006 FWK, Independent/Directed Study; Steven McCarthy ; 1-3 cr.
11198 007 FWK, Independent/Directed Study; Eugene Park ; 1-3 cr.
11362 008 FWK, Independent/Directed Study; Carol Waldron ; 1-3 cr.

4312 Advanced Graphic Design Print

Projects**(A-F or Audit;)**

32959 001 LAB, 08:30-12:35 F, ONLINE BLENDED, 08:30-12:35 F, McNeal Hall B9, Partially Online; 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)

10863 001 LAB, 15:00-18:00 MW, ONLINE BLENDED, 15:00-18:00 MW, McNeal Hall 336, Partially Online; Carol Waldron ; 4 cr.
11242 002 LAB, 18:15-21:15 TTh, ONLINE BLENDED, 18:15-21:15 TTh, McNeal Hall 336, Partially Online; Bill Moran ; 4 cr.

4361V Honors Thesis Studio and Writing

(A-F only; Prereq: [Graphic design major, 2399W or 2399V, 3352 or 3352H, 3353], honors student, or instr consentWI)

11258 001 LAB, Completely Online; 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)

11178 001 LAB, Completely Online; Meets With: 001 GDES 4361V; 3 cr.
11380 002 LAB, Completely Online; Karl Engbretson ; 3 cr.

4362 Senior Thesis and Exhibition

(A-F only;)

11179 001 LAB, 08:30-10:25 TTh, Twin Cities Remote, Completely Online; Meets With: 001 GDES 4362H; Karl Engbretson ; 3 cr.

4362H Senior Thesis and Exhibition

(A-F only;)

11259 001 LAB, 08:30-10:25 TTh, Twin Cities Remote, Completely Online; Meets With: 001 GDES 4362; Karl Engbretson ; 3 cr.

4363 Graphic Design Portfolio

(S-N only;)

11218 001 LAB, Completely Online; Michael Arney ; 3 cr.
11277 002 LAB, 11:45-13:40 TTh, Twin Cities Remote, Completely Online; Debra Lawton ; 3 cr.

5193 Directed Study in Graphic Design

(A-F or Audit; Prereq: Jr or sr or grad student)

11037 001 IND, Independent/Directed Study; James Boyd Brent ; 1-4 cr.
11038 002 IND, Independent/Directed Study; Sauman Chu ; 1-4 cr.
11039 003 IND, Independent/Directed Study; Brad Hokanson ; 1-4 cr.
11040 004 IND, Independent/Directed Study; Daniel Jasper ; 1-4 cr.
11041 005 IND, Independent/Directed Study; 1-4 cr.
11042 006 IND, Independent/Directed Study; Steven McCarthy ; 1-4 cr.
11043 007 IND, Independent/Directed Study; Carol Waldron ; 1-4 cr.
11199 008 IND, Independent/Directed Study; 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)

11272 001 LAB, 08:30-10:25 , ONLINE BLENDED, 08:30-10:25 TTh, McNeal Hall 262, Partially Online; Meets With: 001 GDES 3311; John Owens ; 3 cr.

5341 Interaction Design

(A-F or Audit; Prereq: [[2334 or 2342], design minor] or graphic design major or grad student or instr consent)

11269 001 LAB, 11:45-13:40 MW, Twin Cities Remote, Completely Online; Eugene Park ; 3 cr.

Greek (GRK)

1001 Beginning Classical Greek I

(Student Option;)

14569 001 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Jeffrey Cross ; 5 cr.

3003 Intermediate Greek Prose

(Student Option; Prereq: Grade of at least C- or S in 1002 or 5001 or instr consent)

13877 001 LEC, 13:25-14:15 T, Twin Cities Remote, Completely Online; Meets With: 001 GRK 5003; S. Douglas Olson ; 4 cr.

3993 Directed Studies

(Student Option; Prereq: instr consent)

14977 001 IND, 00:00-00:00 , , In Person Term Based; Stephen Smith ; 1-4 cr.
15900 002 IND, 00:00-00:00 , , In Person Term Based; S. Douglas Olson ; 1-4 cr.
15901 003 IND, 00:00-00:00 , , In Person Term Based; George Sheets ; 1-4 cr.
15902 004 IND, 00:00-00:00 , , In Person Term Based; Andrew Gallia ; 1-4 cr.
15903 005 IND, 00:00-00:00 , , In Person Term Based; Spencer Cole ; 1-4 cr.
15904 006 IND, 00:00-00:00 , , In Person Term Based; Melissa Sellow ; 1-4 cr.
15905 007 IND, 00:00-00:00 , , In Person Term Based; Nita Krevans ; 1-4 cr.

4951W Major Project

(A-F only; Prereq: Greek major, three 3xxx Greek courses, instr consent, dept consentWI)

14976 001 IND, 00:00-00:00 , , In Person Term Based; 4 cr.

5003 Intermediate Greek Prose for

Graduate Student Research**(Student Option; Prereq: Grade of at least [C- or S] in [1002 or 5001] or [instr consent, grad student])**

15220 001 LEC, 13:25-14:15 T, Twin Cities Remote, Completely Online; Meets With: 001 GRK 3003; S. Douglas Olson ; 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.)

34084 001 LEC, 13:00-14:15 M, Twin Cities Remote, Completely Online; S. Douglas Olson ; 3 cr.

5993 Directed Studies

(Student Option; Prereq Grad student or instr consent.)

14978 001 IND, 00:00-00:00 , , In Person Term Based; Stephen Smith ; 1-4 cr.
15102 002 IND, 00:00-00:00 , , In Person Term Based; S. Douglas Olson ; 1-4 cr.
15906 003 IND, 00:00-00:00 , , In Person Term Based; George Sheets ; 1-4 cr.
15907 004 IND, 00:00-00:00 , , In Person Term Based; Andrew Gallia ; 1-4 cr.
15908 005 IND, 00:00-00:00 , , In Person Term Based; Spencer Cole ; 1-4 cr.
15909 006 IND, 00:00-00:00 , , In Person Term Based; Melissa Sellow ; 1-4 cr.
15910 007 IND, 00:00-00:00 , , In Person Term Based; Nita Krevans ; 1-4 cr.

5994 Directed Research

(Student Option; Prereq Grad student or instr consent.)

13843 001 IND, In Person Term Based; 1-12 cr.

5996 Directed Instruction

(Student Option; Prereq Grad student or instr consent.)

13842 001 IND, In Person Term Based; 1-12 cr.

Health Informatics (HINF)

5394 Directed Research

(Student Option No Audit;)
10860 001 IND, In Person Term Based; Jessica Nielson ; 1-6 cr.

5430 Foundations of Health Informatics I

(A-F or Audit; Prereq: Junior, senior, grad student, professional student, or instr consent)
10777 002 LEC, 00:00-00:00 , ONLINE, Completely Online; David Pieczkiewicz ; 3 cr.

5436 AHC Informatics Grand Rounds

(S-N or Audit;)
10861 002 LEC, Completely Online; Aaron Sarver ; 1 cr.

5496 Internship in Health Informatics

(S-N or Audit; Prereq: HINF student or instr consent)
10753 001 FWK, 00:00-00:00 , No Room Required, Independent/Directed Study; David Pieczkiewicz ; 1-6 cr.

5499 Capstone Project for the Masters of Health Informatics

(S-N only; Prereq: second semester MHI student or instr consent)
10754 001 FWK, 00:00-00:00 , No Room Required, 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)
10832 001 LEC, 00:00-00:00 , ONLINE, Completely Online; James Rosenthal ; 1 cr.

5510 Applied Health Care Databases:

Database Principles and Data Evaluation
(A-F or Audit; Prereq: Junior or senior or grad student or professional student or instr consent)
10779 002 LEC, 00:00-00:00 , ONLINE, Completely Online; David Pieczkiewicz ; 3 cr.

Health Services Management (HSM)**3040 Dying and Death in Contemporary Society: Implications for Intervention**

(Student Option; Prerequisite: sophomore)
26785 301 LEC, Completely Online; Ellen Koski ; 2 cr.

3051 Career and Internship Skills in Health Services Management

(A-F or Audit; Prerequisites: HSM major or premajor; WRIT 1301 or 1401 or equivalent; HSM 3521; HSM 4561.)
26744 101 LEC, 17:00-18:50 M, Twin Cities Remote, Completely Online; Elizabeth Hruska, Nickolas Nyhus ; 2 cr.
26745 301 LEC, Completely Online; Elizabeth Hruska, Cecilia Quattromani ; 2 cr.

3350 Special Topics in Health Services Management

(Student Option;)
34818 301 LEC, Completely Online; Lynn Kiehne ; 1-3 cr.

3521 Health Care Delivery Systems

(A-F or Audit; Prereq: 30 cr)
26685 101 LEC, 18:00-20:45 T, Twin Cities Remote, Completely Online; Melanie Sullivan, William McDonough ; 3 cr.

4041 Leadership in Health Services Management

(A-F or Audit;)
26783 101 LEC, 13:25-16:10 Th, Twin Cities Remote, Completely Online; Yvonne Kinney, John Reynolds ; 3 cr.

4043 Project and Program Management in Health Services Management

(A-F or Audit; Prerequisites: None)
26746 101 LEC, 09:45-12:30 W, Twin Cities Remote, Completely Online; Scott Lee-Eichenwald, Cheri Jacoby ; 3 cr.

4065 Information Privacy and Security in Health Services Management

(A-F or Audit; TS)
26742 301 LEC, Completely Online; Scott Lee-Eichenwald ; 3 cr.

4301 Health Care Quality & Patient Safety Management

(A-F or Audit;)
26721 101 LEC, 15:35-18:20 Th, Twin Cities Remote, Completely Online; Tania Daniels, Kelley Boyer, Mark Kuhl ; 3 cr.

4531 Human Resources in Health Care Settings

(A-F or Audit; Prereq: 45 cr)
26722 101 LEC, 18:35-21:20 Th, Twin Cities Remote, Completely 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.)
26723 101 LEC, 18:00-20:45 W, Nicholson Hall 275, Partially Online; Mark Sharockman, Brad Plowman ; 3 cr.
31231 301 LEC, Completely Online; Steven Chies ; 3 cr.

4561W Health Care Administration and Management

(A-F or Audit; WI)
26686 001 LEC, 18:00-20:45 W, Twin Cities Remote, Completely Online; Bill Kenney ; 3 cr.

4573 Long Term Care Regulatory Management and Law

(A-F or Audit; Prerequisite: Students must have some basic knowledge of the long term care field. Those without it are encouraged to meet with the instructor prior to registering to explore learning strategies.)
32982 101 LEC, 13:25-16:10 M, Twin Cities Remote, Completely Online; April Boxeth ; 3 cr.

4575 Innovation in Health Services

(A-F or Audit;)
33784 101 LEC, 17:30-20:15 M, Fraser Hall 101, Partially Online; Andrew Montpetit, 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.)
26748 401 LEC, Independent/Directed Study; Rajean Moone ; 1 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.)
33785 301 LEC, Completely Online; Rajean Moone ; 2 cr.

4584 Long Term Care Health and Medical Needs

(A-F or Audit; Prerequisite: Basic knowledge of the long-term care field. Students who do not have this knowledge are encouraged to meet with the instructor to discuss strategies for obtaining it prior to registering for this course.)
26754 301 LEC, Completely Online; Rajean Moone ; 1 cr.

4585 Long Term Care Organizational Management

(A-F or Audit; Prereq: Basic knowledge of the long term care field. Students without this knowledge are encouraged to consult with the instructor prior to registering to explore preparatory strategies.)
26749 301 LEC, Completely Online; Rajean Moone ; 1 cr.

4588 Long Term Care Quality Management and Performance Improvement

(A-F or Audit; Prerequisites: Basic knowledge of the long term care field. Students without this knowledge are encouraged to meet with the instructor prior to registering to discuss ways of acquiring it. Skill with Excel is strongly recommended.)
26755 301 LEC, Completely Online; Rajean Moone ; 2 cr.

4589 Long Term Care Human Resources Management

(A-F or Audit; Prerequisites: Knowledge of the long-term care field. Students without this knowledge are encouraged to meet with the director of the LTC

program prior to registering to discuss strategies for acquiring it.)
26753 301 LEC, Completely Online; Leeann Vitalis ; 1 cr.

4591 Health Care Law and Ethics

(A-F or Audit;)
26698 301 LEC, Completely Online; Susan Ziel ; 3 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.)
34765 301 LEC, Completely Online; Rajean Moone ; 1 cr.

4596 Health Services Management Internship

(A-F only; Prereq: HSM major; dept. consent. Permission to enroll will be granted only upon completion of HSM 3051, 3521, 4531, 4541, 4561W, & 4591. Highly recommended: HSM 4043 & 4301 (and HINF 5430 for HSM technology internships.)
33476 401 FWK, Independent/Directed Study; Steven Comingdeer ; 1 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.)
26700 101 LEC, 13:25-16:10 M, Twin Cities Remote, Completely Online; Geoffrey Kaufmann, Daniel McGinty, Scott Wordelman ; 3 cr.

Hebrew (HEBR)**1001 Beginning Hebrew I**

(Student Option;)
14466 001 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 HEBR 4001; Renana Schneller ; 5 cr.

1101 Beginning Biblical Hebrew I

(Student Option;)
33240 001 DIS, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 HEBR 4104; Bernard Levinson ; 5 cr.

3011 Intermediate Hebrew I

(Student Option; Prereq: Grade of at least [C- or S] in [1002 or 4002] or instr consent)
14105 001 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 HEBR 4011; Renana Schneller ; 5 cr.

3951W Major Project

(Student Option; Prereq: [Hebr major, three 3xxx Hebrew courses], instr consent, dept consentWI)
15047 001 IND, 00:00-00:00 , In Person Term Based; Renana Schneller ; 4 cr.

3980 Directed Instruction

(Student Option; Prereq: college consent.)
13844 001 IND, In Person Term Based; 1-4 cr.

3993 Directed Studies

(Student Option; Prereq: instr consent)
15050 001 IND, 00:00-00:00 , In Person Term Based; Renana Schneller ; 1-4 cr.
16077 002 IND, 00:00-00:00 , In Person Term Based; Bernard Levinson ; 1-4 cr.

4001 Beginning Hebrew I for Graduate Student Research

(Student Option; Prereq: grad student)
14469 001 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 HEBR 1001; Renana Schneller ; 5 cr.

4011 Intermediate Hebrew I

(Student Option; Prereq: Grade of at least [C- or S] in [1002 or 4002] or instr consent)
14832 001 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 HEBR 3011; Renana Schneller ; 5 cr.

4104 Beginning Biblical Hebrew I for Graduate Student Research

(Student Option;)
33241 001 DIS, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 HEBR 1101; Bernard Levinson ; 5 cr.

5090 Advanced Modern Hebrew

(Student Option;)

34082 001 DIS, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Renana Schneller ; 3 cr.

5992 Directed Readings

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

14806 001 IND, 00:00-00:00 , , In Person Term Based; Renana Schneller ; 1-4 cr.

15444 002 IND, 00:00-00:00 , , In Person Term Based; Bernard Levinson ; 1-4 cr.

15448 003 IND, In Person Term Based; 1-4 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)

26893 001 DIS, In Person Term Based; 4 cr.

3556 Making Media Making Change: Digital Technologies, Storytelling, and Activism Digital Laboratory

(A-F only;)

26894 001 LAB, In Person Term Based; 4 cr.

3557 Making Media, Making Change: Digital Technologies, Storytelling, & Activism Digital Media Internship

(A-F only;)

26892 001 FWK, In Person Term Based; 4 cr.

3558 Making Media, Making Change: Digital Technologies, Storytelling, and Activism Digital Internship

(A-F only;)

26895 001 FWK, In Person Term Based; 8 cr.

3571W Inequality in America: A Political Economy Approach

(A-F only; Prereq: departmental consent requiredSOCS,WI)

26828 001 DIS, 00:00-00:00 , No Room Required, In Person Term Based; 4 cr.

3572 Inequality in America: Political Sociology of Building Power, Change, and Equity (Field Seminar)

(A-F only; DSJ)

26823 001 DIS, 00:00-00:00 , No Room Required, In Person Term Based; 4 cr.

3573 Inequality in America: Internship and Integration Seminar

(A-F only;)

26824 001 FWK, 00:00-00:00 , No Room Required, In Person Term Based; 8 cr.

3591 Environmental Sustainability: Sci, Public Policy, & Cmty Action Climate & Environment Justice

(A-F only;)

26825 001 DIS, 00:00-00:00 , No Room Required, In Person Term Based; 4 cr.

3592 Environmental Sustainability: Ecology and Socio-ecological Systems Change

(A-F only;)

26826 001 DIS, 00:00-00:00 , No Room Required, In Person Term Based; 4 cr.

3593 Environmental Sustainability Sci, Public Policy, & Cmty Action Field Research Method & Investigation

(A-F only; BIOL)

26827 001 FWK, 00:00-00:00 , No Room Required, In Person Term Based; 4 cr.

3594 Environmental Sustainability Sci, Public Policy, & Cmty Action Internship

(A-F only;)

26829 001 FWK, 00:00-00:00 , No Room Required, In Person Term Based; 4 cr.

Hindi (HNDI)**1011 Beginning Hindi I**

(Student Option No Audit;)

17237 001 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 HNDI 4001; Meraj Ahmed ; 5 cr.

3021 Intermediate Hindi I

(Student Option No Audit;)

17239 001 LEC, 15:35-16:25 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 HNDI 4003; Meraj Ahmed ; 5 cr.

3031 Advanced Hindi I

(Student Option No Audit; Prereq: 3022 or instr consent)

16604 001 LEC, 16:40-18:35 MW, Twin Cities Remote, Completely Online; Meets With: 001 HNDI 4005; Meraj Ahmed ; 4 cr.

4001 Beginning Hindi I for Graduate Student Research

(Student Option No Audit;)

17238 001 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 HNDI 1011; Meraj Ahmed ; 5 cr.

4003 Intermediate Hindi I for Graduate Student Research

(Student Option No Audit;)

17240 001 LEC, 15:35-16:25 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 HNDI 3021; Meraj Ahmed ; 5 cr.

4005 Advanced Hindi I for Graduate Research

(Student Option No Audit; Prereq: 4004 or instr consent)

17241 001 LEC, 16:40-18:35 MW, Twin Cities Remote, Completely Online; Meets With: 001 HNDI 3031; Meraj Ahmed ; 4 cr.

Hindi-Urdu (HNUR)**History (HIST)****1000 New Topics in History**

(Student Option;)

34527 001 LEC, 11:15-13:45 F, Willey Hall 125, In Person Term Based; JB Shank ; 3 cr.

1011W Civilization and the Environment: World History to 1500

(Student Option; Prereq: Fr or soph or non-hist majorENV,WI,HIS)

34526 001 LEC, Completely Online; Christopher Saladin, Elizabeth Quillen ; 4 cr.

1012W The Age of Global Contact

(Student Option; Prereq: Fr or soph or non-hist majorGP,WI,HIS)

17766 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Christopher Issett ; 4 cr.

17767 002 DIS, 11:15-12:05 M, Twin Cities Remote, Completely Online; 4 cr.

17768 003 DIS, 13:25-14:15 T, Twin Cities Remote, Completely Online; 4 cr.

17769 004 DIS, 11:15-12:05 W, Twin Cities Remote, Completely Online; 4 cr.

17770 005 DIS, 12:20-13:10 W, Twin Cities Remote, Completely Online; 4 cr.

17771 006 DIS, 13:25-14:15 Th, Twin Cities Remote, Completely Online; 4 cr.

17772 007 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; 4 cr.

1032W Europe and the World: Expansion, Encounter, and Exchange from 1500 to Present

(Student Option; Prereq: Fr or soph or non-hist majorGP,WI,HIS)

33548 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Anna Clark ; 4 cr.

33549 002 DIS, 11:15-12:05 W, Twin Cities Remote, Completely Online; 4 cr.

33550 003 DIS, 12:20-13:10 W, Twin Cities Remote, Completely Online; 4 cr.

33551 004 DIS, 11:15-12:05 F, Twin Cities Remote,

Completely Online; 4 cr.

33552 005 DIS, 10:10-11:00 F, Twin Cities Remote,

Completely Online; 4 cr.

1301W Authority and Rebellion: American History to 1865

(Student Option; Prereq: Fr or soph or non-hist majorDSJ,WI,HIS)

14446 001 LEC, Completely Online; J. David Hacker, Aaron Hall ; 4 cr.

14447 006 DIS, 10:10-11:00 T, Twin Cities Remote, Completely Online; 4 cr.

14448 007 DIS, 12:20-13:10 T, Twin Cities Remote, Completely Online; 4 cr.

14449 009 DIS, 08:00-08:50 W, Twin Cities Remote, Completely Online; 4 cr.

14450 010 DIS, 11:15-12:05 W, Twin Cities Remote, Completely Online; 4 cr.

14451 011 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.

14848 003 DIS, 11:15-12:05 M, Twin Cities Remote, Completely Online; 4 cr.

15794 004 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; 4 cr.

16378 008 DIS, 12:20-13:10 W, Twin Cities Remote, Completely Online; 4 cr.

35372 002 DIS, 10:10-11:00 T, Twin Cities Remote, Completely Online; ; 4 cr.

35485 005 DIS, 09:05-09:55 W, Twin Cities Remote, Completely Online; ; 4 cr.

35511 012 DIS, 19:00-19:50 Th, Twin Cities Remote, Completely Online; ; 4 cr.

1534 Introduction to Jewish History and Cultures

(Student Option; HIS)

17339 001 DIS, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 JWST 1034001 JWST 3034001 RELS 1034001 RELS 3034001 HIST 3534; Natan Paradise ; 3 cr.

1809 The Presidency: Power, Politics, and Policy in the United States

(Student Option;)

33558 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Scott McDowell ; 3 cr.

1811 The Sixties: History & Memory

(Student Option; DSJ,HIS)

17931 090 LEC, 17:30-20:00 M, Twin Cities Remote, Completely Online; Malinda Lindquist ; 3 cr.

1921 Brexit and Decolonization: Empire, Race, and Belonging in the 21st Century

(A-F only;)

33559 001 DIS, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Andrew Schumacher Bethke ; 3 cr.

1923 The Politics of Hunger: Food Security, Aid & Diplomacy

(A-F only;)

33745 001 DIS, 13:30-16:00 W, Blegen Hall 10, In Person Term Based; Hiromi Mizuno ; 3 cr.

3020 Hands-On History

(A-F only;)

34135 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Elaine May ; 3 cr.

34136 002 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Helena Pohlant-McCormick ; 3 cr.

34137 003 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Anna Clark ; 3 cr.

35370 004 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Mai Na Lee ; 3 cr.

3051 Ancient Civilization: Near East and Egypt

(Student Option; HIS)

33575 001 LEC, 10:10-11:00 MWF, West Bank Skyway 20, In Person Term Based; Eva von Dassow ; 3-4 cr.

33576 002 DIS, 11:15-12:05 M, West Bank Skyway 20, In Person Term Based; Eva von Dassow ; 3-4 cr.

3061 "Bread and Circuses": Spectacles and Mass Culture in Antiquity

(Student Option; CIV,HIS)

34338 001 LEC, Completely Online; Meets With: 001 CNES 3061; Andrew Gallia ; 3 cr.

3067W Archaeology of Prehistoric Europe

(Student Option; HIS,WI)

17307 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 ANTH 5027W001 ANTH 3027W; Peter Wells ; 3 cr.

3244 History of Eastern Europe

(Student Option; GP,HIS)

17916 001 LEC, 11:15-12:30 MW, Willey Hall 125, In Person Term Based; Howard Louthan ; 3 cr.

3264 Imperial Russia: Formation and Expansion of the Russian Empire in the 18th and 19th Centuries

(Student Option;)

16048 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Meets With: 001 HIST 5264; Theofanis Stavrou ; 3 cr.

3271 The Viking World: Story, History, and Archaeology

(Student Option;)

17344 001 LEC, 08:15-09:30 MW, Willey Hall 125, In Person Term Based; Alex Magnolia ; 3 cr.

3281 European Intellectual History: The Early Modern Period, Antiquity to 1750

(Student Option;)

34415 001 LEC, 09:45-11:00 MW, Anderson Hall 370, In Person Term Based; JB Shank ; 3 cr.

3349 U.S. Women's Legal History

(A-F or Audit; Prereq: Soph or jr or srDSJ,HIS)

33577 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Barbara Welke ; 3 cr.

3361W World War I: A Global History

(A-F only; HIS,WI,TS)

17936 001 LEC, 09:45-11:00 TTh, Bruininks Hall 114, In Person Term Based; Saje Mathieu ; 3 cr.

3401W Early Latin America to 1825

(A-F or Audit; GP,WI,HIS)

17987 001 LEC, 09:45-11:00 Th, ONLINE BLENDED, 09:45-11:00 T, , Partially Online; Meets With: 001 LAS 3401W; Sarah Chambers ; 4 cr.

3412 Soccer: Around the World with the Beautiful Game

(Student Option; CIV,HIS)

16689 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Ana Joanna Vergara Sierra ; 3 cr.

3416 Imperialism and its Critics: Ethical Issues, Literary Representations

(A-F only; CIV,LITR)

33578 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; PATRICIA LORCIN ; 3 cr.

3417W Food in History

(Student Option; ENV,WI,HIS)

34412 001 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Sultan Toprak Oker ; 3 cr.

3419 History of Capitalism: Uneven Development Since 1500

(Student Option;)

34339 090 LEC, 18:20-20:50 T, Twin Cities Remote, Completely Online; Christopher Isett ; 3 cr.

3423 Central American Revolutions

(Student Option;)

17225 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Meets With: 001 CHIC 3423; Ethan Fredrick ; 3 cr.

3426 Piracy in the Mediterranean: The World of Merchants and Pirates

(Student Option No Audit; GP,HIS)

33579 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Kathryn Reyerson ; 3 cr.

3429 Latin American History in Film and Text

(Student Option; AH,GP)

33580 001 LEC, Completely Online; Meets With: 001 LAS 3429; Sarah Chambers ; 3 cr.

3432 Modern Africa in a Changing World

(Student Option; GP,HIS)

16933 001 LEC, 09:45-11:00 TTh, Willey Hall 125, 09:45-11:00 TTh, ONLINE BLENDED, Primarily Online; Meets With: 001 AFRO 3432; Allen Isaacman ; 3-4 cr.

3435 History of South Africa from 1910

(Student Option;)

33581 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Helena Pohlandt-McCormick ; 3 cr.

3455 West African History: 1800 to Present

(Student Option; GP)

18154 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Meets With: 001 AFRO 3002; Victoria Coifman ; 3 cr.

3461 Introduction to East Asia I: The Imperial Age

(Student Option;)

16546 004 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Meets With: 004 EAS 3461; Liping Wang ; 3-4 cr.

3468 Social Change in Modern China

(Student Option;)

15055 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 001 EAS 3468; Liping Wang ; 3 cr.

3471 Modern Japan, Meiji to the Present (1868-2000)

(Student Option; HIS)

17670 001 LEC, 13:00-14:15 TTh, Anderson Hall 270, In Person Term Based; Meets With: 001 EAS 3471; Hiromi Mizuno ; 3 cr.

3483 Hmong History Across the Globe

(Student Option;)

17665 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Meets With: 001 AAS 3483; Mai Na Lee ; 3 cr.

3493 Islam: Religion and Culture

(Student Option; Prereq: Soph or jr or sr)

17440 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 001 RELS 3712; Mohsen Goudarzi ; 3 cr.

3494W Christ in Islamic Thought

(Student Option; Prereq: NoneWI)

34163 090 LEC, 16:00-18:30 W, Twin Cities Remote, Completely Online; Meets With: 001 RELS 3718W; Nabil Matar ; 3 cr.

3505 Survey of the Modern Middle East

(Student Option; GP)

33583 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Carol Hakim ; 3 cr.

3512 History of Modern Israel/Palestine: Society, Culture, and Politics

(Student Option; GP)

33585 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 001 RELS 3113001 JWST 3512; Daniel Schroeter ; 3 cr.

3534 Introduction to Jewish History and Cultures

(Student Option; HIS)

17340 001 DIS, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 JWST 1034001 JWST 3034001 RELS 1034001 RELS 3034001 HIST 1534; Natan Paradise ; 3 cr.

3547 The Ottoman Empire

(Student Option; GP,HIS)

17948 001 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 RELS 3722; Fikri Cicek ; 3 cr.

3606 Christians, Muslims, and Jews in the Middle Ages

(Student Option; GP,HIS)

33590 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 RELS 3717001 JWST 3606; Daniel Schroeter ; 3 cr.

3615W Women in European History: 1500 to the Present

(Student Option; GP,WI,HIS)

33592 001 LEC, 14:30-17:00 T, Twin Cities Remote, Completely Online; Mary Jo Maynes ; 3 cr.

3637 Modern Russia: From Peter the Great to the Present

(Student Option;)

14265 090 LEC, 18:20-20:50 M, Twin Cities Remote, Completely Online; Theofanis Stavrou ; 3 cr.

3708 The Age of Curiosity: Art, Science & Technology in Europe, 1400-1800

(Student Option; AH,TS)

17669 001 LEC, 10:10-11:00 W, Twin Cities Remote, Completely Online; Meets With: 001 ARTH 3315001 ARTH 5315001 HIST 5708; Michael Gaudio ; 3 cr.
17730 002 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; Meets With: 002 ARTH 3315; 3 cr.
17731 003 DIS, 11:15-12:05 F, Twin Cities Remote, Completely Online; Meets With: 003 ARTH 3315; 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;)

34615 301 LEC, Completely Online; Patrick Wilz ; 3 cr.

3727 History of the Holocaust

(Student Option;)

33676 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 RELS 3520001 JWST 3520; Sheer Ganor ; 3 cr.

3728 Human Rights and Crimes Against Humanity

(A-F or Audit;)

33677 001 LEC, 09:45-11:00 W, Twin Cities Remote, Completely Online; Sheer Ganor ; 3 cr.

3822 Making America Modern: 1945 to Present

(Student Option;)

34616 301 LEC, Completely Online; Catherine Ulep ; 3 cr.

3852 Work and Workers in the United States

(Student Option; DSJ,HIS)

33710 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; William Jones ; 3 cr.

3853 Black Protest in Twentieth Century America

(A-F only;)

35096 001 LEC, 13:00-15:20 T, Hanson Hall 1-105, In Person Term Based; Saje Mathieu ; 3 cr.

3856 The Civil Rights and Black Power Movement, 1954-1984

(Student Option;)

17312 001 LEC, 18:00-20:30 W, Twin Cities Remote, Completely Online; Meets With: 001 AFRO 3866; Assata Kokayi ; 3 cr.

3872 American Indian History: 1830 to the Present

(Student Option; DSJ,HIS)

17232 001 LEC, 16:00-18:30 T, Twin Cities Remote, Completely Online; Meets With: 001 AMIN 3872; Jean O'Brien ; 3 cr.

3886 The Age of Atlantic Revolutions, 1765-1830

(Student Option;)

34966 301 LEC, Completely Online; Heather Sommer ; 3 cr.

3993 Directed Study

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

14176 001 IND, 00:00-00:00 , , In Person Term Based; 1-16 cr.

3994 Directed Research

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

14177 001 IND, 00:00-00:00 , , In Person Term Based; 1-16 cr.

4010V Honors: Research Seminar

(A-F or Audit; Prereq: Jr or sr history major, honors, or instr consentWI)

35173 001 LEC, 13:00-14:40 TTh, Twin Cities Remote, Completely Online; Meets With: 001 HIST 4010W; Kathryn Reyerson ; 4 cr.
35174 002 LEC, Completely Online; ; 4 cr.

4010W Research Seminar

(A-F or Audit; Prereq: Jr or Sr history major or instr consentWI)

34132 001 LEC, 13:00-14:40 TTh, Twin Cities Remote, Completely Online; Meets With: 001 HIST 4010V; Kathryn Reyerson ; 4 cr.

34133 002 LEC, 14:30-16:10 MW, Twin Cities Remote, Completely Online; PATRICIA LORCIN ; 4 cr.

4961V Honors: Major Paper

(A-F only; Prereq: dept consent, instr consent; sign up in Undergraduate Studies Office two sem in advanceW)

15498 002 LEC, 14:30-16:10 MW, Twin Cities Remote, Completely Online; Meets With: 002 HIST 4961V; Carol Hakim ; 4 cr.

4961W Major Paper

(A-F or Audit; Prereq: dept consent, instr consent; sign up in Undergraduate Studies Office two sem in advanceW)

16588 002 LEC, 14:30-16:10 MW, Twin Cities Remote, Completely Online; Meets With: 002 HIST 4961V; Carol Hakim ; 4 cr.

4970 History Day Mentorship

(Student Option;)

15254 001 FWK, 15:35-17:30 W, Twin Cities Remote, Completely Online; 1 cr.

5264 Imperial Russia: Formation and Expansion of the Russian Empire in the 18th and 19th Centuries

(Student Option;)

15800 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Meets With: 001 HIST 3264; Theofanis Stavrou ; 3 cr.

5708 The Age of Curiosity: Art, Science & Technology in Europe, 1400-1800

(Student Option; AH,TS)

34340 001 LEC, 10:10-11:00 W, Twin Cities Remote, Completely Online; Meets With: 001 HIST 3708001 ARTH 3315001 ARTH 5315; Michael Gaudio ; 3 cr.

34342 002 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; Meets With: 006 ARTH 5315; Michael Gaudio ; 3 cr.

5802 Readings in American History, 1848-Present

(A-F or Audit;)

33657 001 LEC, 15:35-17:30 T, Twin Cities Remote, Completely Online; Barbara Welke ; 3 cr.

5831 Cultural Fallout: The Cold War and Its Legacy: Readings

(A-F or Audit;)

33646 001 LEC, 15:35-17:30 W, Twin Cities Remote, Completely Online; Elaine May ; 3 cr.

5891 American Indian and Indigenous Studies Workshop

(S-N or Audit;)

18091 001 DIS, 15:15-17:30 F, Twin Cities Remote, Completely Online; Jean O'Brien ; 1.5 cr.

5910 Topics in U.S. History

(Student Option; Prereq: Grad or advanced undergrad student with instr consent)

34837 001 LEC, 15:35-17:30 Th, Twin Cities Remote, Completely Online; Meets With: 001 AMST 5920; David Chang ; 1-4 cr.

5993 Directed Study

(Student Option; Prereq [Grad student or sr], instr consent, dept consent, college consent.)

14858 001 IND, 00:00-00:00 , , In Person Term Based; 1-16 cr.

5994 Directed Research

(Student Option; Prereq [Grad student or sr], instr consent, dept consent, college consent.)

14178 001 IND, 00:00-00:00 , , In Person Term Based; 1-16 cr.

History of Medicine (HMED)

3001W Health, Disease, and Healing I

(Student Option; HIS,WI)

24265 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Jole Shackelford ; 4 cr.
24266 002 DIS, 11:15-12:05 W, Twin Cities Remote, Completely Online; Jole Shackelford ; 4 cr.

24267 003 DIS, 13:25-14:15 W, Twin Cities Remote, Completely Online; Jole Shackelford ; 4 cr.

24491 004 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; Jole Shackelford ; 4 cr.

3075 Technology and Medicine in Modern America

(Student Option; HIS,TS)

24826 001 LEC, 11:15-12:05 MW, Twin Cities Remote, Completely Online; Dominique Tobbell ; 3 cr.

24840 002 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; Dominique Tobbell ; 3 cr.

24841 003 DIS, 12:20-13:10 Th, Twin Cities Remote, Completely Online; Dominique Tobbell ; 3 cr.

24842 004 DIS, 11:15-12:05 F, Twin Cities Remote, Completely Online; Dominique Tobbell ; 3 cr.

25116 005 DIS, 11:15-12:05 F, Twin Cities Remote, Completely Online; Dominique Tobbell ; 3 cr.

3940 Topics in History of Medicine

(Student Option;)

33911 001 LEC, 14:30-16:30 Th, Twin Cities Remote, Completely Online; Meets With: 001 HMED 5940; Peter Kernahan ; 1-3 cr.

34787 002 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Macey Flood ; 1-3 cr.

3993 Directed Study

(Student Option;)

25502 001 IND, Completely Online; Francesca Bortoletti, Dominique Tobbell, Jennifer Gunn, Jole Shackelford ; 1-4 cr.

5940 Topics in the History of Medicine

(Student Option;)

33912 001 LEC, 14:30-16:30 Th, Twin Cities Remote, Completely Online; Meets With: 001 HMED 3940; Peter Kernahan ; 3 cr.

History of Science and Tech (HSCI)

1714 Stone Tools to Steam Engines: Technology and History to 1750

(Student Option; HIS,TS)

22833 001 LEC, 18:00-20:45 M, Bruininks Hall 312, In Person Term Based; Meets With: 001 HSCI 3714; Mary Thomas ; 3-4 cr.

23644 002 LEC, 18:00-20:45 W, Bruininks Hall 312, In Person Term Based; Meets With: 002 HSCI 3714; Mary Thomas ; 3-4 cr.

1715 History of Modern Technology: Waterwheels to the Web

(Student Option; HIS,TS)

22902 001 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Meets With: 001 HSCI 3715; Jennifer Alexander ; 3-4 cr.

31975 008 DIS, 14:30-15:20 M, Twin Cities Remote, Completely Online; Jennifer Alexander ; 3-4 cr.

31976 003 DIS, 13:25-14:15 T, Twin Cities Remote, Completely Online; Meets With: 002 HSCI 3715; Jennifer Alexander ; 3-4 cr.

31977 004 DIS, 10:10-11:00 W, Bruininks Hall 220, 10:10-11:00 W, ONLINE BLENDED, Partially Online; Meets With: 003 HSCI 3715; Jennifer Alexander ; 3-4 cr.

31978 005 DIS, 13:25-14:15 Th, Bruininks Hall 330, 13:25-14:15 Th, ONLINE BLENDED, Partially Online; Meets With: 004 HSCI 3715; Jennifer Alexander ; 3-4 cr.

31979 006 DIS, 13:25-14:15 Th, Smith Hall 100, 13:25-14:15 Th, ONLINE BLENDED, Partially Online; Meets With: 005 HSCI 3715; Jennifer Alexander ; 3-4 cr.

31980 007 DIS, 10:10-11:00 F, Nicholson Hall 275, 10:10-11:00 F, ONLINE BLENDED, Partially Online; Meets With: 006 HSCI 3715; Jennifer Alexander ; 3-4 cr.

1814 Revolutions in Science: The Babylonians to Newton

(Student Option; GP,HIS)

22823 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Meets With: 001 HSCI 3814; Victor Boantz ; 3-4 cr.

22825 002 DIS, 11:15-12:05 M, Twin Cities Remote, Completely Online; Meets With: 002 HSCI 3814; Victor Boantz ; 3-4 cr.

22826 003 DIS, 10:10-11:00 T, Twin Cities Remote, Completely Online; Meets With: 003 HSCI 3814; Victor Boantz ; 3-4 cr.

22827 004 DIS, 14:30-15:20 W, Twin Cities Remote, Completely Online; Meets With: 004 HSCI 3814; Victor Boantz ; 3-4 cr.

22828 005 DIS, 09:05-09:55 F, Twin Cities Remote, Completely Online; Meets With: 005 HSCI 3814; Victor Boantz ; 3-4 cr.

2111 Biology and Culture in the 19th and 20th Centuries

(Student Option; CIV,HIS)

22290 001 LEC, 11:15-12:30 TTh, Tate Hall B20, Partially Online; Meets With: 001 HSCI 5211; Mark Borrello ; 3 cr.

3244 Nature's History: Science, Humans, and the Environment

(Student Option; ENV,HIS)

22285 001 LEC, 09:45-11:00 TTh, Smith Hall 100, 09:45-11:00 TTh, ONLINE BLENDED, Partially Online; Meets With: 001 HSCI 5244; Susan Jones ; 3 cr.

3714 Stone Tools to Steam Engines: Technology and History to 1750

(Student Option; HIS,TS)

22835 001 LEC, 18:00-20:45 M, Bruininks Hall 312, In Person Term Based; Meets With: 001 HSCI 1714; Mary Thomas ; 3-4 cr.

23652 002 LEC, 18:00-20:45 W, Bruininks Hall 312, In Person Term Based; Meets With: 002 HSCI 1714; Mary Thomas ; 3-4 cr.

3715 History of Modern Technology: Waterwheels to the Web

(Student Option; HIS,TS)

22834 001 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Meets With: 001 HSCI 1715; Jennifer Alexander ; 3-4 cr.

34862 003 DIS, 10:10-11:00 W, Bruininks Hall 220, 10:10-11:00 W, ONLINE BLENDED, Partially Online; Meets With: 004 HSCI 1715; Jennifer Alexander ; 3-4 cr.

34863 004 DIS, 13:25-14:15 Th, Bruininks Hall 330, 13:25-14:15 Th, ONLINE BLENDED, Partially Online; Meets With: 005 HSCI 1715; Jennifer Alexander ; 3-4 cr.
34864 005 DIS, 13:25-14:15 Th, Smith Hall 100, 13:25-14:15 Th, ONLINE BLENDED, Partially Online; Meets With: 006 HSCI 1715; Jennifer Alexander ; 3-4 cr.

34865 006 DIS, 10:10-11:00 F, Nicholson Hall 275, 10:10-11:00 F, ONLINE BLENDED, Partially Online; Meets With: 007 HSCI 1715; Jennifer Alexander ; 3-4 cr.

34866 007 DIS, 14:30-15:20 M, Twin Cities Remote, Completely Online; Jennifer Alexander ; 3-4 cr.

3814 Revolutions in Science: The Babylonians to Newton

(Student Option; GP,HIS)

22824 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Meets With: 001 HSCI 1814; Victor Boantz ; 3-4 cr.

22829 002 DIS, 11:15-12:05 M, Twin Cities Remote, Completely Online; Meets With: 002 HSCI 1814; Victor Boantz ; 3-4 cr.

22830 003 DIS, 10:10-11:00 T, Twin Cities Remote, Completely Online; Meets With: 003 HSCI 1814; Victor Boantz ; 3-4 cr.

22831 004 DIS, 14:30-15:20 W, Twin Cities Remote, Completely Online; Meets With: 004 HSCI 1814; Victor Boantz ; 3-4 cr.

22832 005 DIS, 09:05-09:55 F, Twin Cities Remote, Completely Online; Meets With: 005 HSCI 1814; Victor Boantz ; 3-4 cr.

4321 History of Computing

(Student Option; HIS,TS)

22970 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CSCI 4921; Phillip Barry ; 3 cr.

5211 Biology and Culture in the 19th and 20th Centuries

(Student Option; CIV)

22792 001 LEC, 11:15-12:30 TTh, Tate Hall B20, Partially Online; Meets With: 001 HSCI 3211; Mark Borrello ; 3 cr.

5244 Nature's History: Science, Humans, and the Environment

(Student Option;)

22286 001 LEC, 09:45-11:00 TTh, Smith Hall 100, 09:45-11:00 TTh, ONLINE BLENDED, Partially Online; Meets With: 001 HSCI 3244; Susan Jones ; 3 cr.

5993 Directed Studies

(Student Option; Prereq: instr consent)

21195 001 IND, 00:00-00:00 , , In Person Term Based; Mark Borrello ; 1-15 cr.

22689 002 IND, 00:00-00:00 , , In Person Term Based; 1-15 cr.
23293 003 IND, In Person Term Based; 1-15 cr.

5994 Directed Research

(Student Option; Prereq: instr consent)

21194 001 IND, 00:00-00:00 , , In Person Term Based; 1-15 cr.

Hmong (HMNG)**1011 Beginning Hmong I**

(Student Option No Audit;)

15339 050 LEC, 15:35-17:55 MW, Twin Cities Remote, Completely Online; Meets With: 050 HMNG 4001; Kia Yang ; 5 cr.

15540 001 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 HMNG 4001; Bee Vang ; 5 cr.

1015 Accelerated Beginning Hmong

(Student Option No Audit; Prereq: Ability in basic spoken Hmong)

15814 050 LEC, 16:40-17:30 MTWThF, Twin Cities Remote, Completely Online; Meets With: 050 HMNG 4005; Bee Vang ; 5 cr.

3021 Intermediate Hmong I

(Student Option No Audit; Prereq: Hmng 1002 or Hmng 1012 or Hmng 1015)

14658 001 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 HMNG 4003; Kia Yang ; 5 cr.

15817 050 LEC, 15:35-17:55 TTh, Twin Cities Remote, Completely Online; Meets With: 050 HMNG 4003; Kia Yang ; 5 cr.

3290 Hmong Language Teaching Tutorial

(S-N only; Prereq: Grade of A in 3022)

14934 001 FWK, In Person Term Based; Bee Vang ; 1 cr.

3993 Directed Studies

(Student Option No Audit; Prereq: instr consent, dept consent, college consent)

16144 001 IND, In Person Term Based; Bee Vang ; 1-5 cr.

4001 Beginning Hmong I for Graduate Student Research

(Student Option No Audit;)

15455 050 LEC, 15:35-17:55 MW, Twin Cities Remote, Completely Online; Meets With: 050 HMNG 1011; Kia Yang ; 5 cr.

15541 001 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 HMNG 1011; Bee Vang ; 5 cr.

4003 Intermediate Hmong I for Graduate Student Research

(Student Option No Audit; Prereq: 4002)

14812 001 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 HMNG 3021; Kia Yang ; 5 cr.

15818 050 LEC, 15:35-17:55 TTh, Twin Cities Remote, Completely Online; Meets With: 050 HMNG 3021; Kia Yang ; 5 cr.

Honors Colloquia (HCOL)**3102H The Honors Thesis - Writing**

(A-F only;)

20461 001 DIS, 09:05-11:00 F, Twin Cities Remote, 09:05-11:00 F, Twin Cities Remote, 09:05-11:00 F, Twin Cities Remote, 09:05-11:00 F, Twin Cities Remote, 09:05-11:00 F, Twin Cities Remote, 09:05-11:00 F, Twin Cities Remote, 09:05-11:00 F, Twin Cities Remote, Completely Online; Milena Saqui-Salces, Brian Sostek ; 1 cr.

33151 002 DIS, 11:15-13:10 F, Twin Cities Remote, 11:15-13:10 F, Twin Cities Remote, 11:15-13:10 F, Twin Cities Remote, 11:15-13:10 F, Twin Cities Remote, 11:15-13:10 F, Twin Cities Remote, 11:15-13:10 F, Twin Cities Remote, 11:15-13:10 F, Twin Cities Remote, Completely Online; Milena Saqui-Salces, Brian Sostek ; 1 cr.

35514 003 DIS, 18:30-20:25 T, Twin Cities Remote, 18:30-20:25 T, Twin Cities Remote, 18:30-20:25 T, Twin Cities Remote, 18:30-20:25 T, Twin Cities Remote, 18:30-20:25 T, Twin Cities Remote, 18:30-20:25 T, Twin Cities Remote, 18:30-20:25 T, Twin Cities Remote, 18:30-20:25 T, Twin Cities Remote, Completely Online; David Lipset, Matthew Rahaim ; 1 cr.

Honors Seminar (HSEM)**2009H Contemporary Art and Politics:****From Marcel Duchamp to Ai Weiwei**

(A-F only; GP)

19815 001 DIS, 16:00-17:15 MW, Akerman Hall 319, In Person Term Based; Meng Tang ; 3 cr.

2043H Finding the "Corporate Soul":**Corporate advocacy, social responsibility, and community engagement**

(A-F only;)

33426 001 DIS, 14:30-15:45 MW, Rapson Hall 45, In Person Term Based; Amy O'Connor ; 3 cr.

2053H The Psychology of Paranormal Phenomena

(A-F only;)

19870 001 DIS, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Charles Fletcher ; 3 cr.

2064H Sex, Gender, and the Digital Body

(A-F only;)

33053 001 DIS, 11:15-12:30 Th, Blegen Hall 10, 11:15-12:30 T, ONLINE BLENDED, Partially Online; Sonali Pahwa ; 3 cr.

2413H Insights, Ideas, and Innovation

(A-F only;)

20456 001 DIS, 09:45-11:00 TTh, Anderson Hall 250, In Person Term Based; Tobin Nord ; 3 cr.

2512H The Mathematics of Elections and Social Choice

(A-F only; MATH)

33770 001 DIS, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Gregg Musiker ; 3 cr.

2528H The Age of Entanglement

(A-F only;)

33424 001 DIS, 13:00-14:15 MW, Tate Hall B20, In Person Term Based; Michel Janssen ; 3 cr.

2541V Campus Obscura: A University of Minnesota Cabinet of Curiosity

(A-F only; HIS,WI)

20462 001 DIS, 15:35-18:05 W, Northrop Memorial Aud 240, In Person Term Based; Sally Kohlstedt ; 3 cr.

2621H Environmental Futures: Climate Change Impacts and Strategies for Building Resilience

(A-F only;)

33771 001 DIS, 10:10-12:05 W, Mayo Bldg & Additions C231, In Person Term Based; David Bengston, George Kubik ; 2 cr.

2707H Battling the Bugs: Anthrax, Ebola, and Everyday Life - PubH Strategies for Prevention & Control

(A-F only;)

19818 001 DIS, 13:00-14:15 W, ONLINE BLENDED, 13:00-14:15 M, Northrop Memorial Best Buy Aud, Partially Online; Jill DeBoer, Michael Osterholm ; 3 cr.

2719H Mass Incarceration and Public Health: An American Crisis

(A-F only;)

33051 001 DIS, 09:05-12:05 W, Twin Cities Remote, Completely Online; Rebecca Schlafer ; 3 cr.

2801H Think Like a Lawyer: The Art and Adventure of Torts

(A-F only; CIV)

19819 001 DIS, 15:35-18:15 T, Twin Cities Remote, Completely Online; Bobak Ha'Eri ; 3 cr.

34661 002 DIS, 18:30-21:10 T, Twin Cities Remote, Completely Online; Bobak Ha'Eri ; 3 cr.

3023H Race: The History of an Idea in North America

(A-F only; DSJ,SOCs)

34020 001 DIS, 13:00-15:30 Th, Hanson Hall 1-105, In Person Term Based; Saje Mathieu ; 3 cr.

3065H Trust, Technology and Human Communication

(A-F only;)

33772 001 DIS, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Laura Gurak ; 3 cr.

3414H "Was the \$84,000 price tag for a cure to hepatitis C corporate greed or a humanitarian triumph?"

(A-F only;)

34023 001 DIS, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Ian Maitland ; 3 cr.

3705H Engineered Nanoparticles: A Savior or A Curse to Humanity

(A-F only; ENV)

33425 001 DIS, 16:00-18:30 T, Twin Cities Remote, Completely Online; Ashok Singh ; 3 cr.

3801H Modern China: Law, History, and Culture

(A-F only; GP)

20451 001 DIS, 16:00-18:30 Th, West Bank Skyway 20, In Person Term Based; Chang Wang ; 3 cr.

3804H Women who Rock (the Boat): Leadership and the Nobel Peace Prize

(A-F only; GP)

33124 001 DIS, 16:00-17:15 MW, Rapson Hall 45, In Person Term Based; Maureen Reed ; 3 cr.

Horticultural Science (HORT)**1001 Plant Propagation**

(Student Option; BIOL)

35207 006 LEC, Completely Online; Meets With: 006 HORT 6011; Laura Irish, Alan Smith ; 4 cr.

1015 Woody and Herbaceous Plants

(A-F only;)

18503 002 LAB, 09:35-11:30 TTh, Twin Cities Remote, Completely Online; Stan Hokanson ; 4 cr.

18504 003 LAB, 11:45-13:40 TTh, Twin Cities Remote, Completely Online; Stan Hokanson ; 4 cr.

18505 001 LEC, Completely Online; Stan Hokanson ; 4 cr.

18591 004 LAB, 13:55-15:50 TTh, Twin Cities Remote, Completely Online; Stan Hokanson ; 4 cr.

1061 The Sustainable Lawn

(Student Option;)

18572 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Eric Watkins ; 3 cr.

1113 Floral Design

(A-F only;)

31609 001 LEC, Completely Online; Neil Anderson ; 3 cr.

2100 Agricultural Biochemistry

(A-F only; Prereq: CHEM 1015/1017 or CHEM 1061 instr consent)

18567 001 LEC, Completely Online; Adrian Hegeman ; 3 cr.

3093 Directed Study

(Student Option; Prereq: department consent, instructor consent, no more than 6 credits of directed study counts towards CFANS major requirements.)

31632 001 IND, In Person Term Based; 1-4 cr.

3094 Directed Research

(Student Option; Prereq: department consent, instructor consent, no more than 6 credits of directed research counts towards CFANS major requirements.)

31633 001 IND, In Person Term Based; 1-4 cr.

3131 Student Organic Farm Planning, Growing, and Marketing

(Student Option;)

18801 001 LEC, 11:45-12:35 TTh, Twin Cities Remote, Completely Online; Julie Grossman ; 3 cr.

18802 002 LAB, 09:35-11:30 T, Plant Growth Facility 140A/B, 09:35-11:30 T, ONLINE BLENDED, Partially Online; Julie Grossman ; 3 cr.

4061W Turfgrass Management

(A-F only; Prereq: 1001 or instr consentWI)

33277 001 LEC, 12:50-14:45 W, No Room Required, 12:50-14:45 W, ONLINE BLENDED, Partially Online; Eric Watkins ; 3 cr.

4096W Professional Experience Program: Internship

(A-F only; Prereq: CFANS undergradWI)

18608 001 FWK, 00:00-00:00 , ONLINE, Completely Online; Mary Rogers ; 2 cr.

4111 Prairie Perennials and Grasses

(A-F only; Prereq: HORT 1015)

33212 001 LEC, 17:30-20:30 TTh, No Room Required, In Person Term Based; Mary Meyer ; 1 cr.

5012 Common Medicinal Plants: Growing and Processing

(Student Option;)

31612 001 LEC, 12:45-14:45 F, Twin Cities Remote, 11:50-12:45 W, Twin Cities Remote, Completely Online; Changbin Chen ; 3 cr.

5071 Ecological Restoration

(Student Option; Prereq: [One college course in ecology, one college course in [plant science or botany]] or instr consent)

18783 001 LEC, 16:30-17:30 TTh, Plant Growth Facility 140B, 17:30-18:30 TTh, Plant Growth Facility 140B, Partially Online; Meets With: 001 ESPM 5071; Susan Galatowitsch ; 4 cr.

5093 Directed Study

(Student Option; Prereq: department consent, instructor consent, no more than 6 credits of directed study counts towards CFANS major requirements.)

31634 001 IND, In Person Term Based; 1-4 cr.

5094 Directed Research

(Student Option; Prereq: department consent, instructor consent, no more than 6 credits of directed research counts towards CFANS major requirements.)

31635 001 IND, In Person Term Based; 1-4 cr.

5131 Student Organic Farm Planning, Growing, and Marketing

(Student Option; Prereq: 1001 or AGRO 1101 or AGRO 1103 or BIOL 1001 or BIOL 1009 or instr consent)

35492 001 LEC, 11:45-12:35 TTh, Twin Cities Remote, Completely Online; Julie Grossman ; 3 cr.
35493 002 LAB, 09:35-11:30 T, Plant Growth Facility 140A/B, 09:35-11:30 T, ONLINE BLENDED, Partially Online; Julie Grossman ; 3 cr.

Housing Studies (HSG)

3462 Housing and Community Development

(A-F or Audit;)

11307 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 HSG 5462; Becky Yust ; 3 cr.

4160H Honors Capstone Project

(A-F only; Prereq: Housing studies honors)

11115 001 LEC, Independent/Directed Study; Becky Yust ; 2 cr.
11116 002 LEC, Independent/Directed Study; Marilyn Bruin ; 2 cr.

4193 Directed Study in Housing Studies

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

11056 002 IND, Independent/Directed Study; Becky Yust ; 1-4 cr.
11312 001 IND, Independent/Directed Study; Marilyn Bruin ; 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)

11057 001 FWK, Independent/Directed Study; Becky Yust ; 1-4 cr.
11058 002 FWK, Independent/Directed Study; Marilyn Bruin ; 1-4 cr.

5193 Directed Study in Housing Studies

(A-F or Audit; Prereq: Jr or sr or grad student)

11059 001 IND, Independent/Directed Study; Becky Yust ; 1-4 cr.
11060 002 IND, Independent/Directed Study; Marilyn Bruin ; 1-4 cr.

5462 Housing and Community Development

(A-F only;)

11346 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 HSG 3462; Becky Yust ; 3 cr.

Human Factors (HUMF)

5001 Foundations of Human Factors/

Ergonomics

(A-F or Audit; Prereq: Grad HumF major or minor or instr consent)

10924 001 LEC, 14:30-17:00 W, Twin Cities Remote, Completely Online; Meets With: 001 KIN 5001; Thomas Smith ; 3 cr.

5193 Directed Study in Human Factors and Ergonomics

(A-F only; Prereq: instr consent)

11230 001 IND, Independent/Directed Study; Lucy Dunne ; 1-4 cr.
11254 002 IND, Independent/Directed Study; Victoria Interrante ; 1-4 cr.
11260 003 IND, Independent/Directed Study; ; 1-4 cr.
11261 004 IND, Independent/Directed Study; ; 1-4 cr.

5211 Human Factors and Work Analysis

(A-F or Audit;)

10987 001 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Meets With: 001 IE 5511001 IE 4511; Nichole Morris ; 4 cr.

Human Resources/Indus Rel (HRIR)

3021 Human Resource Management and Strategy

(A-F only; Prereq: ECON 1101, ECON 1102, PSY 1001)

19083 002 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Larry Bourgerie ; 3 cr.
19089 003 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Amy Simon ; 3 cr.
19141 020 LEC, 16:00-18:30 T, Twin Cities Remote, Completely Online; Larry Bourgerie ; 3 cr.
19194 021 LEC, 17:45-20:15 T, Twin Cities Remote, Completely Online; Amy Simon ; 3 cr.
19296 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Larry Bourgerie ; 3 cr.

3041 Organizational Behavior: Work Motivation and Workplace Dynamics

(Student Option;)

19275 001 LEC, 08:00-09:40 TTh, ONLINE BLENDED, 08:00-09:40 TTh, Carlson School of Mgmt 2-206, Partially Online; Doug Giddings ; 2 cr.

3042 Organizational Behavior: Groups and Teams

(Student Option;)

19276 001 LEC, 08:00-09:40 TTh, ONLINE BLENDED, 08:00-09:40 TTh, Carlson School of Mgmt 2-206, Partially Online; Doug Giddings ; 2 cr.

3051 Compensation: Theory and Practice

(Student Option;)

19060 001 LEC, 15:45-17:25 MW, ONLINE BLENDED, 15:45-17:25 MW, Carlson School of Mgmt L-110, Partially Online; Peter Ronza ; 2 cr.

5252 Employment and Labor Law for the HRIR Professional

(Student Option; Prereq: HRIR MA student must register A-F, 3021, [CSOM or HRD junior or senior or dept consent])

19473 060 LEC, 17:45-21:05 M, ONLINE BLENDED, 17:45-21:05 M, Carlson School of Mgmt L-110, Partially Online; Carol O'Toole ; 2 cr.

5442 Employee Performance Management: Strategies, Systems, and Skills

(Student Option; Prereq: HRIR MA student must register A-F, 3021, [CSOM or HRD junior or senior or dept consent])

19304 060 LEC, 17:45-21:05 W, Twin Cities Remote, Completely Online; Larry Bourgerie ; 2 cr.

5443 Principles of Effective Coaching

(Student Option; Prereq: HRIR MA student must register A-F, 3021, [CSOM or HRD junior or senior or dept consent])

19310 090 LEC, 17:45-21:05 Th, Twin Cities Remote, Completely Online; Stephen Glomb ; 2 cr.

5655 Public Policies on Work and Pay

(Student Option; Prereq: HRIR MA student must register A-F, ECON 1101, [CSOM or HRD junior or senior or dept consent])

19461 060 LEC, 18:00-20:45 T, Twin Cities Remote, Completely Online; Meets With: 001 PA 5431; Morris Kleiner ; 3 cr.

5662 Personnel Economics

(Student Option; Prereq: Prereq-HRIR MA student must register A-F, ECON 1101, [CSOM or HRD junior or senior or dept consent])

19520 060 LEC, 17:45-21:05 W, Twin Cities Remote, Completely Online; John Budd ; 2 cr.

5992 Independent Study in Human

Resources and Industrial Relations

(Student Option; Prereq: dept consent or instr consent)

19033 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

Industrial Engineering (IE)

1101 Foundations of Industrial and Systems Engineering

(A-F only; Prereq: [MATH 1372 or equiv], CSE student)

22871 001 LEC, 13:25-15:20 TTh, Twin Cities Remote, Completely Online; Darin England ; 4 cr.

2021 Engineering Economics

(A-F only; Prereq: [MATH 1372 or equiv], CSE student)

22872 001 LEC, 13:25-15:20 MW, Twin Cities Remote, Completely Online; Lisa Miller ; 4 cr.

3011 Optimization I

(A-F only; Prereq: 1101, MATH 2374, MATH 2142, Upper Division CSE)

22923 001 LEC, 10:10-12:05 MW, Twin Cities Remote, Completely Online; Jean-Philippe Richard ; 4 cr.

3041 Industrial Assignment I

(A-F or Audit; Prereq: ISyE upper division, registration in ME co-op program)

23249 001 FWK, In Person Term Based; Frank Kelso ; 2 cr.

3521 Statistics, Quality, and Reliability

(Student Option; Prereq: MATH 1372 or equiv)

21147 001 LEC, Completely Online; Ankur Mani ; 4 cr.
21240 002 LEC, Completely Online; Ankur Mani ; 4 cr.

3553 Simulation

(A-F only; Prereq: CSCI 1133, IE 3521, ISyE major)

23441 001 LEC, 13:25-15:20 MW, Twin Cities Remote, Completely Online; Meets With: 001 IE 5553; Alexander Estes ; 4 cr.

4043W Industrial Assignment II

(A-F or Audit; Prereq: 3041W)

23250 001 FWK, In Person Term Based; Frank Kelso ; 4 cr.

4044 Industrial Assignment III

(A-F only; Prereq: IE 4043, registration in ME co-op program)

23251 001 FWK, In Person Term Based; Frank Kelso ; 2 cr.

4091 Independent Study

(A-F only;)

23252 001 IND, In Person Term Based; 1-4 cr.

4094 Directed Research

(A-F only;)

23253 001 IND, In Person Term Based; 1-4 cr.

4096 Curricular Practical Training

(S-N only;)

23254 001 FWK, In Person Term Based; Lisa Miller ; 1 cr.
23918 002 FWK, In Person Term Based; Lisa Miller ; 1 cr.

4511 Human Factors

(A-F only; Prereq: ISyE senior)

22925 001 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Meets With: 001 HUMF 5211001 IE 5511; Nichole Morris ; 4 cr.

4541W Project Management

(A-F only; Prereq: ISyE seniorWI)

22924 001 LEC, 13:25-15:20 TTh, ONLINE BLENDED, 13:25-15:20 Th, Bruininks Hall 114, Partially Online; Mimi Wong ; 4 cr.
33411 002 LEC, 15:35-17:30 TTh, ONLINE BLENDED, 15:35-17:30 Th, Bruininks Hall 114, Partially Online; Mimi Wong ; 4 cr.

4894 Directed Senior Honors Thesis

(A-F only;)

23255 001 IND, In Person Term Based; 2 cr.

5080 Topics in Industrial Engineering

(Student Option;)
34206 001 LEC, 13:25-15:20 TTh, Twin Cities Remote,
Completely Online; Kevin Leder ; 1-4 cr.

5111 Systems Engineering I

(A-F or Audit; Prereq: CSE upper div or grad student)
22127 001 LEC, 18:10-20:00 M, Twin Cities Remote,
Completely Online; Andrew Fried ; 2 cr.

5511 Human Factors and Work Analysis

(A-F or Audit; Prereq: Upper div CSE or grad student)
21145 001 LEC, 10:10-12:05 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 HUMF 5211001 IE
4511; Nichole Morris ; 4 cr.

5524 Process Transformation through Lean Tools

(A-F only;)
23599 001 LEC, 16:00-17:45 M, Twin Cities Remote,
Completely Online; Lisa Miller ; 2 cr.

5531 Engineering Optimization I

(Student Option; Prereq: Upper div or grad student or
CNR)
21148 001 LEC, 11:15-13:10 MW, Twin Cities Remote,
Completely Online; Meets With: 001 MATH 5711; Yiling
Zhang ; 4 cr.

5532 Stochastic Models

(Student Option; Prereq: Undergraduate probability
and statistics. Familiarity with computer programming
in a high level language.)
23167 001 LEC, Completely Online; William Cooper ; 4 cr.

5541 Project Management

(A-F only; Prereq: Upper div or grad student)
21241 001 LEC, 18:10-21:30 T, Twin Cities Remote,
Completely Online; Mimi Wong ; 4 cr.

5553 Simulation

(Student Option; Prereq: Upper div or grad student;
familiarity with probability/statistics recommended)
33409 001 LEC, 13:25-15:20 MW, Twin Cities Remote,
Completely Online; Meets With: 001 IE 3553; Alexander
Estes ; 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.)
34247 001 LEC, 09:05-11:00 MW, Twin Cities Remote,
Completely Online; Darin England ; 4 cr.

5773 Practice-focused Seminar

(S-N or Audit;)
23442 001 LEC, 15:35-16:25 W, Twin Cities Remote,
Completely Online; Krishnamurthy Iyer ; 1 cr.

5801 Capstone Project

(A-F only; Prerequisites: ISyE Analytics Track MS
Student; IE 5531; IE 5561; Stat 5302; CSci 5521 or
5523.)
23443 001 LEC, 14:30-16:25 TTh, Twin Cities Remote,
Completely Online; William Cooper ; 4 cr.

Information Networking (INET)**1001 Survey of Information Technology**

(A-F or Audit;)
26674 301 LEC, Completely Online; Scott Lee-Eichenwald ;
1 cr.

3011W Social Impact of Information Technology

(A-F or Audit; Prereq: None WI)
33828 301 LEC, Completely Online; Mark Langanki ; 3 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])
26568 001 LEC, 18:00-21:35 T, Keller Hall 3-210, In Person
Term Based; Mark Langanki ; 2 cr.

3102 Web Infrastructure

(A-F or Audit; Prereq: [3101, CSCI 2021] or equiv IT
experience)

26627 001 LEC, 18:00-21:35 T, Twin Cities Remote,
Completely Online; Nathan Tymeson ; 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.)
26737 301 LEC, Completely Online; John Raabe ; 3 cr.

4007 Security II: Cyber Security

(A-F only; Prerequisites. Basic knowledge of security
issues and processes (detection, risk assessment,
technology, secure design, business continuity,
forensics, and legal aspects) is recommended. If you
are unsure about whether your knowledge is sufficient
for success in this class, contact the instructor.)
26716 001 LEC, 18:00-21:35 T, Fraser Hall 101, In Person
Term Based; Norman Owens ; 4 cr.

4011 Networking I: Network Administration

(A-F or Audit; Prereq: CSCI 4211-Introduction to
Computer Networks or equivalent networking
knowledge and understanding.)
26720 001 LEC, 18:00-21:35 W, Twin Cities Remote,
Completely Online; Nathan Tymeson ; 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.)
26717 001 LEC, 18:00-21:35 Th, ONLINE BLENDED,
18:00-21:35 Th, Fraser Hall 101, Partially Online; Joseph
Axberg ; 4 cr.

4032 Systems I: Storage

(A-F or Audit; Prereq: Fundamental understanding
of an operating system such as Microsoft Windows,
Linux, or Apple OSX, in the areas of file systems, I/O,
computer architecture, and basic administration.)
26589 001 LEC, 18:00-21:35 T, ONLINE BLENDED,
18:00-21:35 T, Nicholson Hall 155, Partially Online; Carl
Follstad ; 4 cr.

4051 IT Infrastructure Operations

(A-F or Audit; Prereq: senior; CSCI 421I or instr
consent)
26713 301 LEC, Completely Online; Scott Lee-Eichenwald ;
3 cr.

4061 Data Science I: Fundamentals

(A-F or Audit; Prereq: Basic statistics and
programming skills, laptop)
26718 301 LEC, Completely Online; Tyler Deutsch ; 4 cr.

4082W IT Infrastructure Projects and Processes

(A-F or Audit; Prereq: 45 cr recommendedWI)
26699 101 LEC, 18:00-20:45 W, Twin Cities Remote,
Completely Online; Katherine Nguyen ; 3 cr.

4121 DevOps II: Development Strategies

(A-F or Audit; Prereqs: CSCI 4061 or operating system
knowledge, basic knowledge of Python)
26706 001 LEC, 18:00-21:35 M, ONLINE BLENDED,
18:00-21:35 M, Akerman Hall 319, Partially Online;
Jonathan Silverman ; 4 cr.

4153 Introduction to Security: Policy and Regulation

(A-F or Audit; Prereq: experience with Windows/
Internet; 45 semester credits)
26558 001 LEC, 18:00-21:35 Th, Twin Cities Remote,
Completely Online; John Raabe ; 4 cr.

4193 Directed Study

(A-F or Audit; Prereq: ITI student, dept consent)
26548 401 IND, 00:00-00:00 , No Room Required,
Independent/Directed Study; 1-4 cr.

4596 Internship

(A-F only; Prereq: [ITI major or certificate student], [jr
or sr], dept consent)
26575 401 FWK, Independent/Directed Study; John Raabe ;
1 cr.
26576 402 FWK, Independent/Directed Study; 1 cr.
26680 403 FWK, Independent/Directed Study; 1 cr.

4707 Introduction to Databases

(A-F or Audit; Prereq: CSci 4061, at least 45 cr
completed; CSci majors contact CSci Dept before
registering.)
26640 001 LEC, 18:00-21:35 M, Twin Cities Remote,
Completely Online; Rich Howey ; 4 cr.

4709 Data Management I: Fundamentals

(A-F or Audit; Prereq: INet/CSci 4707 and CSci 4061, or
professional experience with SQL and basic operating
systems.)
33827 001 LEC, 18:00-20:45 M, Twin Cities Remote,
Completely Online; Nathan Tymeson ; 3 cr.

Information and Decision Sci (IDSC)**3001 Introduction to Information Technology in Business**

(A-F or Audit;)
19283 001 LEC, 09:45-11:00 MW, Twin Cities Remote,
Completely Online; Timothy Olson ; 3 cr.
19284 002 LEC, 08:15-09:30 TTh, Twin Cities Remote,
Completely Online; Timothy Olson ; 3 cr.
19285 003 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Yuqing Ren ; 3 cr.
19286 020 LEC, 17:45-20:15 T, Twin Cities Remote,
Completely Online; Donald Riley ; 3 cr.
19287 004 LEC, 16:00-17:15 MW, Twin Cities Remote,
Completely Online; Kevin Kuhn ; 3 cr.
19321 005 LEC, 11:15-12:30 MW, Twin Cities Remote,
Completely Online; Timothy Olson ; 3 cr.

3001H Honors: Information Systems for Business Processes and Management (A-F or Audit;)

19249 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Yuqing Ren ; 3 cr.

3101 Introduction to Programming

(A-F or Audit;)
19154 001 LEC, 13:45-15:25 MW, ONLINE BLENDED,
13:45-15:25 MW, Carlson School of Mgmt 2-206, Partially
Online; Vedran Lelas ; 2 cr.
19241 002 LEC, 15:45-17:25 MW, ONLINE BLENDED,
15:45-17:25 MW, Carlson School of Mgmt 1-147, Partially
Online; Vedran Lelas ; 2 cr.

3102 Intermediate Programming

(A-F or Audit;)
19155 001 LEC, 13:45-15:25 MW, Twin Cities Remote,
Completely Online; Vedran Lelas ; 2 cr.
19246 002 LEC, 15:45-17:25 MW, Twin Cities Remote,
Completely Online; Vedran Lelas ; 2 cr.

3103 Data Modeling and Databases

(A-F only;)
19156 002 LEC, 13:45-15:25 TTh, ONLINE BLENDED,
13:45-15:25 TTh, Carlson School of Mgmt 2-206, Partially
Online; Vedran Lelas ; 2 cr.
19250 001 LEC, 11:50-13:30 TTh, ONLINE BLENDED,
11:50-13:30 TTh, Carlson School of Mgmt 2-206, Partially
Online; Vedran Lelas ; 2 cr.
19423 003 LEC, 13:45-15:25 MW, Twin Cities Remote,
Completely Online; Yicheng Song ; 2 cr.

3104 Enterprise Systems

(A-F or Audit; Prereq: 3001)
19157 001 LEC, 11:50-13:30 TTh, Twin Cities Remote,
Completely Online; Christina Jeong ; 2 cr.
19432 003 LEC, 13:45-15:25 MW, Twin Cities Remote,
Completely Online; Kevin Kuhn ; 2 cr.
19462 002 LEC, 13:45-15:25 TTh, Twin Cities Remote,
Completely Online; Kevin Kuhn ; 2 cr.

3202 Analysis and Modeling of Business Systems

(A-F or Audit; Prereq: 3001)
19080 001 LEC, 09:55-11:35 MW, Twin Cities Remote,
Completely Online; Sofia Bapna ; 4 cr.
19316 002 LEC, 11:50-13:30 MW, Twin Cities Remote,
Completely Online; Sofia Bapna ; 4 cr.

3511 Pitching Business Strategy

(A-F only; Prereq: IDSc 3001 or I-Core (completed or
concurrent), or Instructor permission.)
34579 001 LEC, 08:00-09:40 TTh, Carlson School of Mgmt
1-142, In Person Term Based; Ken Reilly, Corrinne (Corrie)
Fiedler ; 2 cr.

4110 Data Engineering for Business Analytics

(A-F only;)
19415 001 LEC, 11:50-13:30 TTh, Twin Cities Remote,
Completely Online; Joshua Miraglia ; 2 cr.
19440 002 LEC, 09:55-11:35 TTh, ONLINE BLENDED,
09:55-11:35 TTh, Carlson School of Mgmt 2-206, Partially
Online; Vedran Lelas ; 2 cr.

19558 003 LEC, 15:45-17:25 TTh, Twin Cities Remote,
Completely Online; Joshua Miraglia ; 2 cr.

4204W Strategic Information Technology Management

(A-F or Audit; WI)

19186 001 LEC, 11:50-13:30 MW, Twin Cities Remote,
Completely Online; Gautam Ray ; 4 cr.
19273 002 LEC, 13:45-15:25 MW, Twin Cities Remote,
Completely Online; Gautam Ray ; 4 cr.
19347 003 LEC, 15:45-17:25 TTh, Twin Cities Remote,
Completely Online; Ryan Sougstad ; 4 cr.
31543 004 LEC, 13:45-15:25 TTh, Twin Cities Remote,
Completely Online; Ryan Sougstad ; 4 cr.

4210 Interactive Data Visualization for Business Analytics

(A-F only;)

19416 002 LEC, 11:50-13:30 TTh, Twin Cities Remote,
Completely Online; Ryan Sougstad ; 2 cr.
19469 001 LEC, 08:00-09:40 TTh, Twin Cities Remote,
Completely Online; Ryan Sougstad ; 2 cr.

4301 MIS in Action: A Capstone Course

(A-F only;)

19251 001 LEC, 08:00-09:40 MW, ONLINE BLENDED,
08:00-09:40 MW, Carlson School of Mgmt 2-206, Partially
Online; Timothy Olson ; 2 cr.

4401 Information Security

(A-F only; Prereq: 3001)

19472 020 LEC, 17:45-21:05 T, Twin Cities Remote,
Completely Online; Matt Schmidt ; 2 cr.

4411 Information Technology Governance and Assurance

(A-F only; Prereq: 3001)

19245 020 LEC, 17:45-21:05 W, Twin Cities Remote,
Completely Online; Matt Schmidt ; 2 cr.

4444 Descriptive and Predictive Analytics

(A-F only; Prereq: 3001)

19383 001 LEC, 13:45-15:25 TTh, Twin Cities Remote,
Completely Online; Meizi Zhou ; 2 cr.
19470 002 LEC, 11:50-13:30 MW, Twin Cities Remote,
Completely Online; Zenan Chen ; 2 cr.
31544 003 LEC, 09:55-11:35 MW, Twin Cities Remote,
Completely Online; Zihong Huang ; 2 cr.

4455 Web 2.0: The Business of Social Media

(A-F only; Prereq: 3001)

19302 001 LEC, 13:45-15:25 TTh, Twin Cities Remote,
Completely Online; Sofia Bapna ; 2 cr.

4491 Independent Study in Information Systems

(A-F only; Prereq: instr consent)

19315 001 IND, 00:00-00:00 , , In Person Term Based; Ken
Reily, Corinne (Corrie) Fiedler ; 1-4 cr.

4493 Directed Study

(Student Option; Prereq: Instructor consent)

32979 001 IND, In Person Term Based; 1-4 cr.

Insurance and Risk Management (INS)

4100 Corporate Risk Management

(Student Option;)

19047 001 LEC, 11:50-13:30 TTh, ONLINE BLENDED,
11:50-13:30 TTh, Carlson School of Mgmt 1-147, Partially
Online; Meets With: 001 INS 6100; Andrew Whitman ; 2 cr.

4101 Employee Benefits

(Student Option;)

19104 001 LEC, 11:50-13:30 TTh, ONLINE BLENDED,
11:50-13:30 TTh, Carlson School of Mgmt 1-147, Partially
Online; Meets With: 001 INS 6101; Andrew Whitman ; 2 cr.

4200 Insurance Theory and Practice

(Student Option;)

19277 020 LEC, 17:45-21:05 W, ONLINE BLENDED,
17:45-21:05 W, Carlson School of Mgmt 2-206, Partially
Online; Meets With: 090 INS 6200; Andrew Whitman ; 2 cr.

Inter-College Program (ICP)

3093 Directed Study

(A-F only; Prereq: instr consent)
26565 401 IND, Independent/Directed Study; 1-15 cr.

3101W Inter-College Program Proposal Development

(A-F only; Prereq: ICP student or instr consentWI)

26778 302 LEC, Completely Online; Ganeane Sawyer ; 2 cr.
33901 301 LEC, Completely Online; Ganeane Sawyer ; 2 cr.

Interior Design (IDES)

1601 Interior Design Studio I

(A-F or Audit; Prereq: Interior design pre-major or interior environments minor)

10887 001 LAB, 08:30-11:30 MW, Twin Cities Remote,
Completely Online; Stephanie Zollinger ; 4 cr.
10914 003 LAB, 15:00-18:00 TTh, Twin Cities Remote,
Completely Online; Roger Karlson ; 4 cr.
11220 002 LAB, 15:00-18:00 MW, Twin Cities Remote,
Completely Online; Hoa Vo ; 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)

10995 002 FWK, Independent/Directed Study; Tasoulla
Hadjjyanni ; 1-4 cr.
10996 003 FWK, Independent/Directed Study; 1-4 cr.
10997 004 FWK, Independent/Directed Study; Stephanie
Zollinger ; 1-4 cr.
11146 001 FWK, Independent/Directed Study; Abimbola
Asajo ; 1-4 cr.
11390 005 FWK, Independent/Directed Study; Meghan
Hendrickson ; 1-4 cr.

2603 Interior Design Studio III

(A-F only; Prereq: [1602 or DHA 1602] with grade of at least C-, pass portfolio review, interior design major)

10888 001 LAB, 09:35-12:35 MW, McNeal Hall 233, In
Person Term Based; Meghan Hendrickson ; 4 cr.
11331 002 LAB, 09:35-12:35 MW, McNeal Hall 475, In
Person Term Based; Janet Whaley ; 4 cr.

2613 Interior Structures, Systems, and Life Safety

(A-F only;)

11177 001 LEC, 13:55-15:50 MW, Twin Cities Remote,
Completely Online; Becky Yust ; 4 cr.

3161 History of Interiors and Furnishings: Ancient to 1750

(A-F or Audit; GP)

10998 001 LEC, 12:50-14:45 MW, Twin Cities Remote,
Completely Online; Stephanie Zollinger ; 4 cr.

3612 Lighting Design

(A-F only;)

11189 001 LEC, 09:35-11:30 MW, Twin Cities Remote,
Completely Online; Meets With: 001 IDES 5612; Abimbola
Asajo ; 3 cr.

3614 Interior Design Ethics and Professional Practice

(A-F only; Prereq: 2604 or DHA 2604; or Interior Environments MinorCIV)

11221 001 LEC, 12:50-14:45 TTh, Twin Cities Remote,
Completely Online; Meghan Hendrickson ; 4 cr.

3622 Computer Applications II

(A-F only; Prereq: 2622)

11190 001 LEC, 13:55-16:55 Th, Twin Cities Remote,
Completely Online; Jennifer Klein ; 2 cr.

4160H Honors Capstone Project

(A-F only; Prereq: Interior design honors)

11119 001 LEC, Independent/Directed Study; Abimbola
Asajo ; 2 cr.
11120 002 LEC, Independent/Directed Study; Tasoulla
Hadjjyanni ; 2 cr.
11122 004 LEC, Independent/Directed Study; Stephanie
Zollinger ; 2 cr.

4193 Directed Study in Interior Design

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

10999 001 IND, Independent/Directed Study; Abimbola
Asajo ; 1-4 cr.
11000 002 IND, Independent/Directed Study; Tasoulla
Hadjjyanni ; 1-4 cr.
11001 003 IND, Independent/Directed Study; 1-4 cr.
11002 004 IND, Independent/Directed Study; Stephanie
Zollinger ; 1-4 cr.

4196 Internship in Interior Design

(S-N only; Prereq: 3606, instr consent)

11003 001 FWK, Independent/Directed Study; Abimbola
Asajo ; 1 cr.
11004 002 FWK, Independent/Directed Study; Tasoulla
Hadjjyanni ; 1 cr.
11005 004 FWK, Independent/Directed Study; Stephanie
Zollinger ; 1 cr.
11290 003 FWK, Independent/Directed Study; 1 cr.
11391 005 FWK, Independent/Directed Study; Meghan
Hendrickson ; 1 cr.

4607 Interior Design Studio VII

(A-F only; Prereq: [IDES 2604] or [DHA 2604]] with grade of at least C-)

10864 001 LAB, 09:35-12:35 TTh, McNeal Hall 480, Partially
Online; Shawn Gaither ; 4 cr.
31974 002 LAB, 09:35-12:35 TTh, McNeal Hall 233, Partially
Online; Bill Hickey ; 4 cr.
34010 003 LAB, 09:35-12:35 TTh, McNeal Hall 475, Partially
Online; Meghan Hendrickson ; 4 cr.

4615W Interior Design Research

(A-F only; Prereq: 3605 or DHA 3605WI)

10927 001 LEC, 08:30-11:30 M, Twin Cities Remote,
Completely Online; Becky Yust ; 3 cr.

5193 Directed Study in Interior Design

(A-F or Audit; Prereq: Jr or sr or grad student)

11006 001 IND, Independent/Directed Study; Abimbola
Asajo ; 1-4 cr.
11007 002 IND, Independent/Directed Study; Tasoulla
Hadjjyanni ; 1-4 cr.
11008 003 IND, Independent/Directed Study; 1-4 cr.
11009 004 IND, Independent/Directed Study; Stephanie
Zollinger ; 1-4 cr.

5612 Lighting Design

(A-F only;)

11378 001 LEC, 09:35-11:30 MW, Twin Cities Remote,
Completely Online; Meets With: 001 IDES 3612; Abimbola
Asajo ; 3 cr.

International Business (IBUS)

3002 Managerial Accounting in Argentina and Chile

(A-F only; Prereqs: approved education abroad application)

19334 001 LEC, 17:45-20:15 M, Hanson Hall 1-108, In
Person Term Based; Clayton Forester ; 4 cr.

3080 Sustainability and Corporate Social Responsibility in Costa Rica

(A-F only;)

19312 001 LEC, 15:00-18:00 T, ONLINE BLENDED,
15:00-18:00 T, Carlson School of Mgmt 2-215, Partially
Online; Tim Smith ; 4 cr.

3090 International Business Special Topics

(A-F only;)

33864 001 DIS, 13:45-15:25 MW, Twin Cities Remote,
Completely Online; Wendy Lutter ; 2-4 cr.

4125 Global Banking: A Survey of Regulatory and Competitive Developments Post Financial Crisis

(A-F only; Prereq: FINA 4121 and approved education abroad application)

19539 001 LEC, 08:00-09:40 Th, Twin Cities Remote,
Completely Online; Susanna Gibbons ; 2 cr.

Italian (ITAL)

1001 Beginning Italian I

(Student Option;)

13946 001 DIS, 09:05-09:55 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 001 ITAL 4001; Monica
Barbieri ; 5 cr.
13947 002 DIS, 11:15-12:05 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 002 ITAL 4001; Cristina
Cocchi ; 5 cr.
14198 003 DIS, 13:25-14:15 MTWTh, Twin Cities Remote,
Completely Online; Meets With: 003 ITAL 4001; Monica
Barbieri ; 5 cr.
14208 004 DIS, 14:30-16:25 TTh, Twin Cities Remote,
Completely Online; Meets With: 004 ITAL 4001; Carlotta
Dradi ; 5 cr.

1002 Beginning Italian II

(Student Option; Prereq: 1001 or instr consent)

14584 001 DIS, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 ITAL 4002; Cristina Cocchi ; 5 cr.

1003 Intermediate Italian I**(Student Option;)**

14039 001 DIS, 10:10-11:00 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 ITAL 4003; Monica Barbieri ; 5 cr.

14040 002 DIS, 11:15-12:05 MTWTh, Twin Cities Remote, Completely Online; Meets With: 002 ITAL 4003; Kathleen Rider ; 5 cr.

1004 Intermediate Italian II**(Student Option; Prereq: ITAL 1003)**

14506 001 DIS, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 ITAL 4004; Kathleen Rider ; 5 cr.

1837 Imagining Italy: Italian and Italian-American Culture, History, and Society through Film**(Student Option; AH,GP)**

17186 001 LEC, Completely Online; Meets With: 001 ITAL 3837; Lorenzo Fabbri ; 4 cr.

3015 Reading, Conversation, and Composition**(Student Option; Prereq: 1004)**

14828 001 DIS, 16:40-18:20 TTh, Twin Cities Remote, Completely Online; Carlotta Dradi ; 4 cr.

3459W Senior Project**(Student Option; Prereq: completion of pre-requirement for major (3015) and eight electives for the sum of 30 credits)**

15241 001 IND, Independent/Directed Study; 2 cr.

3837 Imagining Italy: Italian and Italian-American Culture, History, and Society through Film**(Student Option; AH,GP)**

17412 001 LEC, Completely Online; Meets With: 001 ITAL 1837; Lorenzo Fabbri ; 4 cr.

4001 Beginning Italian for Graduate Research I**(Student Option; Prereq: instr consent)**

16527 002 DIS, 11:15-12:05 MTWTh, Twin Cities Remote, Completely Online; Meets With: 002 ITAL 1001; Cristina Cocchi ; 5 cr.

17630 001 DIS, 09:05-09:55 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 ITAL 1001; Monica Barbieri ; 5 cr.

17631 003 DIS, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Meets With: 003 ITAL 1001; Monica Barbieri ; 5 cr.

17632 004 DIS, 14:30-16:25 TTh, Twin Cities Remote, Completely Online; Meets With: 004 ITAL 1001; Carlotta Dradi ; 5 cr.

4002 Beginning Italian for Graduate Research II**(Student Option; Prereq: instr consent)**

16472 001 DIS, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 ITAL 1002; Cristina Cocchi ; 5 cr.

4003 Intermediate Italian for Graduate Research I**(Student Option; Prereq: instr consent)**

16114 002 DIS, 11:15-12:05 MTWTh, Twin Cities Remote, Completely Online; Meets With: 002 ITAL 1003; Kathleen Rider ; 5 cr.

16297 001 DIS, 10:10-11:00 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 ITAL 1003; Monica Barbieri ; 5 cr.

4004 Intermediate Italian for Graduate Research II**(Student Option;)**

16251 001 DIS, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 ITAL 1004; Kathleen Rider ; 5 cr.

4970 Directed Readings**(Student Option; Prereq: instr consent)**

13943 001 IND, In Person Term Based; 1-4 cr.

5970 Directed Readings**(Student Option; Prereq: instr consent)**

13944 001 IND, In Person Term Based; 1-4 cr.

Japanese (JPN)**1011 Beginning Japanese I****(Student Option No Audit;)**

16150 001 LEC, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 JPN 4001; Fumiko Matsumoto ; 5 cr.

16151 002 LEC, 09:05-11:25 MW, Twin Cities Remote, Completely Online; Meets With: 002 JPN 4001; Michiko Buchanan ; 5 cr.

16152 003 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 JPN 4001; Marnie Jorenby ; 5 cr.

16153 004 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 004 JPN 4001; Marnie Jorenby ; 5 cr.

16155 006 LEC, 12:20-13:10 MTWThF, Twin Cities Remote, Completely Online; Meets With: 006 JPN 4001; Natsuko Dieterle ; 5 cr.

16157 008 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 008 JPN 4001; Keiko Emmett ; 5 cr.

16158 009 LEC, 14:30-15:20 MTWThF, Twin Cities Remote, Completely Online; Meets With: 009 JPN 4001; Keiko Emmett ; 5 cr.

16159 050 LEC, 16:40-19:00 TTh, Twin Cities Remote, Completely Online; Meets With: 050 JPN 4001; Keiko Emmett ; 5 cr.

17224 010 LEC, 13:25-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 010 JPN 4001; Fumiko Matsumoto ; 5 cr.

3021 Intermediate Japanese I**(Student Option No Audit; Prereq: 1012 or instr consent)**

14107 001 LEC, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 JPN 4003; Ayumi Mita ; 5 cr.

14108 005 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 005 JPN 4003; Kenichi Tazawa ; 5 cr.

14109 002 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 JPN 4003; Ayumi Mita ; 5 cr.

14110 003 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 JPN 4003; Fumiko Matsumoto ; 5 cr.

14111 006 LEC, 14:30-16:50 TTh, Twin Cities Remote, Completely Online; Meets With: 006 JPN 4003; Marnie Jorenby ; 5 cr.

15283 004 LEC, 12:20-13:10 MTWThF, Twin Cities Remote, Completely Online; Meets With: 004 JPN 4003; Kenichi Tazawa ; 5 cr.

16026 050 LEC, 16:40-19:00 TTh, Twin Cities Remote, Completely Online; Meets With: 050 JPN 4003; Kenichi Tazawa ; 5 cr.

3031 Third Year Japanese I**(Student Option No Audit; Prereq: 3022 or instr consent)**

14112 002 LEC, 14:30-15:20 MTWTh, Twin Cities Remote, Completely Online; Meets With: 002 JPN 4005; Keiko Kawakami ; 4 cr.

14575 050 LEC, 16:40-18:35 TTh, Twin Cities Remote, Completely Online; Meets With: 050 JPN 4005; Keiko Kawakami ; 4 cr.

15364 001 LEC, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 JPN 4005; Keiko Kawakami ; 4 cr.

4001 Beginning Japanese I for Graduate Student Research**(Student Option No Audit;)**

16160 001 LEC, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 JPN 1011; Fumiko Matsumoto ; 5 cr.

16161 002 LEC, 09:05-11:25 MW, Twin Cities Remote, Completely Online; Meets With: 002 JPN 1011; Michiko Buchanan ; 5 cr.

16162 003 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 JPN 1011; Marnie Jorenby ; 5 cr.

16163 004 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 004 JPN 1011; Marnie Jorenby ; 5 cr.

16165 006 LEC, 12:20-13:10 MTWThF, Twin Cities Remote, Completely Online; Meets With: 006 JPN 1011; Natsuko Dieterle ; 5 cr.

16167 008 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 008 JPN 1011; Keiko Emmett ; 5 cr.

16168 009 LEC, 14:30-15:20 MTWThF, Twin Cities Remote, Completely Online; Meets With: 009 JPN 1011; Keiko Emmett ; 5 cr.

16169 050 LEC, 16:40-19:00 TTh, Twin Cities Remote, Completely Online; Meets With: 050 JPN 1011; Keiko Emmett ; 5 cr.

17236 010 LEC, 13:25-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 010 JPN 1011; Fumiko Matsumoto ; 5 cr.

4003 Intermediate Japanese I for Graduate Student Research**(Student Option No Audit; Prereq: 4002)**

14604 001 LEC, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 JPN 3021; Ayumi Mita ; 5 cr.

14605 002 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 JPN 3021; Ayumi Mita ; 5 cr.

14606 003 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 JPN 3021; Fumiko Matsumoto ; 5 cr.

14607 005 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 005 JPN 3021; Kenichi Tazawa ; 5 cr.

14608 006 LEC, 14:30-16:50 TTh, Twin Cities Remote, Completely Online; Meets With: 006 JPN 3021; Marnie Jorenby ; 5 cr.

15349 004 LEC, 12:20-13:10 MTWThF, Twin Cities Remote, Completely Online; Meets With: 004 JPN 3021; Kenichi Tazawa ; 5 cr.

16027 050 LEC, 16:40-19:00 TTh, Twin Cities Remote, Completely Online; Meets With: 050 JPN 3021; Kenichi Tazawa ; 5 cr.

4005 Third Year Japanese I for Graduate Student Research**(Student Option No Audit; Prereq: 4004)**

14888 001 LEC, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 JPN 3031; Keiko Kawakami ; 4 cr.

14889 050 LEC, 16:40-18:35 TTh, Twin Cities Remote, Completely Online; Meets With: 050 JPN 3031; Keiko Kawakami ; 4 cr.

15365 002 LEC, 14:30-15:20 MTWTh, Twin Cities Remote, Completely Online; Meets With: 002 JPN 3031; Keiko Kawakami ; 4 cr.

4041 Advanced Japanese Conversation and Composition I**(Student Option; Prereq: 3032 or instr consent)**

17181 001 LEC, 12:20-14:15 TTh, Twin Cities Remote, Completely Online; Ayumi Mita ; 4 cr.

35387 002 LEC, 12:20-14:15 MW, Twin Cities Remote, Completely Online; Ayumi Mita ; 4 cr.

5040 Readings in Japanese Texts**(A-F or Audit; Prereq: 4042 or equiv or instr consent)**

34760 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Michiko Buchanan ; 3 cr.

Jewish Studies (JWST)**1034 Introduction to Jewish History and Cultures****(Student Option; HIS)**

15820 001 DIS, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 JWST 3034001 RELS 1034001 RELS 3034001 HIST 1534001 HIST 3534; Natan Paradise ; 3 cr.

1201 Bible:Context & Interpretation**(Student Option; Prereq: Knowledge of Hebrew not requiredLITR)**

15475 001 LEC, Completely Online; Meets With: 001 RELS 1201001 RELS 3201001 JWST 3201001 CNES 1201001 CNES 3201; Patricia Ahearne-Kroll ; 3 cr.

3034 Introduction to Jewish History and Cultures**(Student Option; HIS)**

15821 001 DIS, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 JWST 1034001 RELS 1034001 RELS 3034001 HIST 1534001 HIST 3534; Natan Paradise ; 3 cr.

3201 Bible:Context & Interpretation**(Student Option; Prereq: Knowledge of Hebrew not requiredLITR)**

15476 001 LEC, Completely Online; Meets With: 001 RELS 1201001 RELS 3201001 JWST 1201001 CNES 1201001 CNES 3201; Patricia Ahearne-Kroll ; 3 cr.

**3512 History of Modern Israel/Palestine:
Society, Culture, and Politics**

(Student Option; GP)
33688 001 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 HIST 3512001 RELS
3113; Daniel Schroeter ; 3 cr.

3520 History of the Holocaust

(Student Option;)
34357 001 LEC, 13:00-14:15 MW, Twin Cities Remote,
Completely Online; Meets With: 001 HIST 3727001 RELS
3520; Sheer Ganor ; 3 cr.

**3606 Christians, Muslims, and Jews in the
Middle Ages**

(Student Option; GP,HIS)
33686 001 LEC, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 HIST 3606001 RELS
3717; Daniel Schroeter ; 3 cr.

**3896 Jewish Studies Internship for
Academic Credit**

(Student Option;)
17909 001 IND, In Person Term Based; Natan Paradise ; 1-4
cr.

3993 Directed Study

(A-F only; Prereq: instr consent)
17476 001 IND, In Person Term Based; Michelle Hamilton ;
1-4 cr.

4000W Final Project, Writing Intensive

(A-F or Audit; Prereq: JwSt major, permission of dir
of undergrad studiesWI)

14669 001 IND, In Person Term Based; Natan Paradise ; 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 studiesWI)

14106 001 IND, In Person Term Based; 1 cr.

**Journalism & Mass Communicat
(JOUR)****1001 Media in a Changing World**

(Student Option; SOCS,TS)
13483 001 LEC, 11:15-12:30 MW, Twin Cities Remote,
Completely Online; Emily Vraga ; 3 cr.
14226 003 LEC, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; Sid Bedingfield ; 3 cr.
15789 002 LEC, 08:15-09:30 TTh, Twin Cities Remote,
Completely Online; Christopher Terry ; 3 cr.
34788 005 LEC, Completely Online; Weijia Shi ; 3 cr.

1001H Media in a Changing World

(A-F or Audit; SOCS,TS)
15329 001 LEC, 11:15-12:30 MW, Twin Cities Remote,
Completely Online; Giovanna Dell'Orto ; 3 cr.

1501 Digital Games and Society

(Student Option; AH,TS)
16347 001 LEC, Completely Online; Allison Steinke ; 3 cr.

**1912 Winning People Over: The Art and
Science of Persuasion**

(A-F only;)
34031 001 DIS, Completely Online; Kenneth Doyle ; 3 cr.
34034 002 DIS, Completely Online; Kenneth Doyle ; 3 cr.

3004 Information for Mass Communication

(A-F only; Prereq: Jour major, Strat Comm major, Mass
Comm major or Mass Comm minor or approved BIS/
IDIM/ICP program)
13484 001 LEC, Completely Online; Susan LoRusso ; 3 cr.
15795 002 LEC, Completely Online; Scott Memmel ; 3 cr.

3005 Mass Media Effects

(Student Option; SOCS)
15113 001 LEC, Completely Online; Claire Segijn ; 3 cr.

3006 Visual Communication

(Student Option;)
14650 001 LEC, Completely Online; Diane Cormany ; 3 cr.

**3007 The Media in American History and
Law: Case Studies**

(Student Option; HIS)

17210 001 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Sid Bedingfield ; 3 cr.

3101W News Reporting and Writing

(A-F only; Prereq: [Jour 3004 or 3004H or concurrent
registration], [Jour major, Strat Comm major, Mass
Comm major or approved BIS/IDIM/ICP program]WI)

33065 002 LAB, 10:10-12:05 TTh, Twin Cities Remote,
Completely Online; Gayle Golden ; 3 cr.

33066 003 LAB, 14:30-16:25 MW, Twin Cities Remote,
Completely Online; Jessica Lee ; 3 cr.

3102 Multimedia Production and**Storytelling**

(A-F only; Prereq: [Jour 3004 or 3004H or concurrent
registration], [Jour 3101 or concurrent registration
or Jour 3279 or concurrent registration or Jour 3241
or concurrent registration], [Jour major, Strat Comm
major, Mass Comm major or approved BIS/IDIM/ICP
program])

33072 001 LAB, 12:20-14:15 Th, Murphy Hall 10 South,
12:20-14:15 Th, Murphy Hall 10 Center, 12:20-14:15 Th,
Murphy Hall 10 North, 12:20-14:15 T, ONLINE BLENDED,
Partially Online; Regina McCombs ; 3 cr.

33073 002 LAB, 15:35-17:30 Th, Murphy Hall 10 South,
15:35-17:30 Th, Murphy Hall 10 North, 15:35-17:30
Th, Murphy Hall 10 Center, 15:35-17:30 T, ONLINE
BLENDED, Partially Online; Regina McCombs ; 3 cr.

33074 003 LAB, 09:05-11:00 T, Murphy Hall 10 North,
09:05-11:00 T, Murphy Hall 10 South, 09:05-11:00
T, Murphy Hall 10 Center, 09:05-11:00 Th, ONLINE
BLENDED, Partially Online; Scott Libin ; 3 cr.

3103 Interactive and Data Journalism

(A-F only; Prereq: [Jour 3004 or 3004H], [Jour 3101 or
Jour 3279W], [Jour major, Strat Comm major, Mass
Comm major or approved BIS/IDIM/ICP program])
16137 001 LEC, 08:15-09:30 MW, Twin Cities Remote,
Completely Online; CJ Sinner ; 3 cr.

3121 Intermediate News Reporting

(A-F only; Prereq: [Jour 3004 or 3004H], Jour 3101,
[Jour major, Mass Comm major or approved BIS/IDIM/
ICP program])

14527 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Christopher Ison ; 3 cr.

34619 002 LEC, 08:15-09:30 MW, Murphy Hall 130, In
Person Term Based; Andrew Mannix ; 3 cr.

3173W Magazine & Feature Writing

(A-F only; Prereq: [Jour 3004 or 3004H], [Jour 3101 or
Jour 3279W], [Jour major, Strat Comm major, Mass
Comm major or approved BIS/IDIM/ICP program]WI)

16008 001 LEC, 16:00-17:15 TTh, Twin Cities Remote,
Completely Online; Gayle Golden ; 3 cr.

3201 Principles of Strategic**Communication**

(A-F or Audit; Prereq: [Jour 3004 or 3004H or concurrent
registration], [Jour major, Strat Comm
major, Mass Comm major or Mass Comm minor or
approved BIS/IDIM/ICP program])

14416 002 LEC, 11:15-12:30 MW, Twin Cities Remote,
Completely Online; Adam Saffer ; 3 cr.

15799 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Hyejoon Rim ; 3 cr.

34040 003 LEC, Completely Online; Sherri Katz ; 3 cr.

**3241W Advertising Strategy and Creative
Development**

(A-F only; Prereq: [Jour 3004W or 3004V], Jour 3201,
[Strat Comm major, Mass Comm major or approved
BIS/IDIM/ICP program]WI)

13485 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Mark Jensen ; 3 cr.

14164 002 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Jennifer Johnson ; 3 cr.

16175 003 LEC, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; Jennifer Johnson ; 3 cr.

17671 004 LEC, 08:15-09:30 MW, Twin Cities Remote,
Completely Online; Erik Kv?lseth ; 3 cr.

3251 Evaluative Research in Strategic**Communication**

(A-F only; Prereq: [Jour 3004W or 3004V], Jour 3201,
[Strat Comm major, Mass Comm major or approved
BIS/IDIM/ICP program])

14165 001 LEC, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; Stacey Kanihan ; 3 cr.

17672 002 LEC, 14:30-15:45 MW, Twin Cities Remote,
Completely Online; Adam Saffer ; 3 cr.

3253 Account Planning

(A-F only; Prereq: [Jour 3004W or 3004V], Jour 3201,
[Strat Comm major, Mass Comm major or approved
BIS/IDIM/ICP program])

16009 001 LEC, 09:45-11:00 MW, Twin Cities Remote,
Completely Online; Mark Jensen ; 3 cr.

3261 Media Planning

(A-F only; Prereq: [3004W or 3004V], [3201 or 3202],
[Jour major or approved BIS/IDIM/ICP program])

13487 001 LEC, 16:00-17:15 TTh, Twin Cities Remote,
Completely Online; Luis Garrido ; 3 cr.

34861 002 LEC, 16:00-17:15 TTh, Murphy Hall 130, In
Person Term Based; Douglas Stokes ; 3 cr.

3275 Digital Strategy in Strategic**Communication**

(A-F only; Prereq: [Jour 3004W or 3004V], Jour 3201,
[Strat Comm major, Mass Comm major or approved
BIS/IDIM/ICP program])

16010 001 LEC, Completely Online; Betsy Neibergall
Anderson ; 3 cr.

16849 002 LEC, Completely Online; Amelia Reigstad ; 3 cr.

**3279W Professional Writing for Strategic
Communication**

(A-F only; Prereq: [Jour 3004W or 3004V], Jour 3201,
[Strat Comm major, Mass Comm major or approved
BIS/IDIM/ICP program]WI)

14836 003 LEC, 11:15-12:30 MW, Twin Cities Remote,
Completely Online; Betsy Neibergall Anderson ; 3 cr.

16243 004 LEC, 09:45-11:00 MW, Twin Cities Remote,
Completely Online; Amelia Reigstad ; 3 cr.

17172 001 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Joan O'Fallon ; 3 cr.

3321 Media Design

(A-F only; Prereq: [Jour 3004 or 3004H or concurrent
registration], [Jour major, Strat Comm major, Mass
Comm major or approved BIS/IDIM/ICP program])

33081 002 LAB, 11:15-13:10 TTh, Twin Cities Remote,
Completely Online; Sara Quinn ; 3 cr.

33082 003 LAB, 08:00-09:55 Th, Murphy Hall 10 South,
08:00-09:55 Th, Murphy Hall 10 North, 08:00-09:55
Th, Murphy Hall 10 Center, 08:00-09:55 T, ONLINE
BLENDED, Partially Online; Susan Andre ; 3 cr.

33085 004 LAB, 10:10-12:05 MW, Twin Cities Remote,
Completely Online; Sara Quinn ; 3 cr.

34808 005 LAB, Completely Online; Sara Quinn ; 3 cr.

3451 TV, Radio and Digital News Reporting

(A-F only; Prereq: [Jour 3004 or 3004H], Jour 3101,
Jour 3102, [Jour major, Mass Comm major or approved
BIS/IDIM/ICP program])

14530 001 LEC, 13:00-14:15 T, Murphy Hall 10 North,
13:00-14:15 T, Murphy Hall 10 South, 13:00-14:15 T,
Murphy Hall 10 Center, 13:00-14:15 Th, Murphy Hall 130,
In Person Term Based; Scott Libin ; 3 cr.

15323 002 LAB, 14:15-16:00 T, Murphy Hall 10 North,
14:15-16:00 T, Murphy Hall 10 South, 14:15-16:00 T,
Murphy Hall 10 Center, In Person Term Based; Scott Libin ;
3 cr.

**3551 The Business of Digital Media:
Innovation, Disruption, and Adaptation
(Student Option; TS)**

17183 001 LEC, Completely Online; Colin Agur ; 3 cr.

3741 Diversity and Mass Communication

(Student Option; DSJ)

15797 001 LEC, 09:45-11:00 MW, Twin Cities Remote,
Completely Online; Danielle Kilgo ; 3 cr.

3745 Mass Media and Popular Culture

(Student Option; AH,DSJ)

14264 001 LEC, 11:15-12:30 MW, Twin Cities Remote,
Completely Online; Diane Cormany ; 3 cr.

17211 002 LEC, 14:30-15:45 MW, Twin Cities Remote,
Completely Online; Diane Cormany ; 3 cr.

3751 Digital Media and Culture

(Student Option; AH,TS)

16030 001 LEC, Completely Online; Valerie Belair-Gagnon ;
3 cr.

3771 Media Ethics

(Student Option; CIV)

13491 001 LEC, Completely Online; Scott Memmel ; 3 cr.

3776 Mass Communication Law

(A-F only;)

13486 001 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 JOUR 3776H; Jane
Kirtley ; 3 cr.

3776H Mass Communication Law

(A-F only; Prereq: Honors)
16348 001 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 JOUR 3776; Jane
Kirtley ; 3 cr.

3796 Media and Politics

(Student Option;)
14153 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 POL 3796; Matt
Carlson ; 3 cr.

3896 Directed Internship

(S-N only; Prereq: Jour major, dept consent)
14919 002 FWK, In Person Term Based; 1 cr.
14920 003 FWK, 00:00-00:00 , , In Person Term Based;
Mark Jensen ; 1 cr.
14921 004 FWK, 00:00-00:00 , , In Person Term Based;
Gayle Golden ; 1 cr.
15848 006 FWK, 00:00-00:00 , , 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.)
14592 006 IND, 00:00-00:00 , , In Person Term Based; Sherri
Katz ; 1-3 cr.
16988 007 IND, In Person Term Based; Amy O'Connor ; 1-3
cr.
18260 008 IND, In Person Term Based; Christopher Terry ;
1-3 cr.

4171 Covering the Arts

(A-F only; Prereq: [Jour 3004 or 3004H], Jour 3101,
[Jour major, Mass Comm major or approved BIS/IDIM/
ICP program])
33086 001 LEC, 08:15-09:30 TTh, Murphy Hall 130, In
Person Term Based; Dominic Papatola ; 3 cr.

4173 Podcast Production and Storytelling

(A-F only;)
32882 001 LAB, 13:00-14:15 MW, Murphy Hall 10 North,
13:00-14:15 MW, Murphy Hall 10 South, 13:00-14:15
MW, Murphy Hall 10 Center, In Person Term Based; Sarah
Lemaczyk ; 3 cr.

4242 Advertising Portfolio Development

(A-F only; Prereq: [Jour 3004W or 3004V], Jour 3201,
Jour 3241, [Strat Comm major, Mass Comm major or
approved BIS/IDIM/ICP program])
15038 001 LEC, 16:00-17:15 MW, Murphy Hall 130, In
Person Term Based; Jennifer Johnson ; 3 cr.

**4243 Digital Content Development and
Production for Brand Communications**

(A-F only; Prereq: [Jour 3004W or 3004V], Jour 3201,
[Jour 3241 or Jour 3279], [Strat Comm major, Mass
Comm major or approved BIS/IDIM/ICP program])
33087 001 LAB, 10:10-12:05 TTh, Twin Cities Remote,
Completely Online; Betsy Neibergall Anderson ; 3 cr.

4251 Psychology of Advertising

(Student Option;)
16059 001 LEC, Completely Online; Ruth DeFoster ; 3 cr.

4259 Strategic Communication Case

Analysis
(A-F only; Prereq: [Jour 3004W or 3004V], Jour 3201,
any 32xx skills course, [Strat Comm major, Mass
Comm major or approved BIS/IDIM/ICP program])
15798 001 LEC, 08:15-09:30 MW, Twin Cities Remote,
Completely Online; Amy O'Connor ; 3 cr.

**4262 Management for Strategic
Communication**

(A-F only; Prereq: [Jour 3004W or 3004V], Jour 3201,
any 32xx skills course, [Strat Comm major, Mass
Comm major or approved BIS/IDIM/ICP program])
16011 001 LEC, 14:30-15:45 MW, Twin Cities Remote,
Completely Online; James Scott ; 3 cr.

4263 Strategic Communication Campaigns

(A-F or Audit; Prereq: [Jour 3004W or 3004V], Jour
3201, any 32xx skills course, [any 4/5xxx skills course
or Flor 3007 or concurrent registration], [Strat Comm
major, Mass Comm major or approved BIS/IDIM/ICP
program])
13488 001 LAB, 14:30-16:25 TTh, Twin Cities Remote,
Completely Online; Mark Jensen ; 3 cr.
13489 002 LAB, 10:10-12:05 MW, Murphy Hall 130, In
Person Term Based; Daniel Gore ; 3 cr.

15253 003 LAB, 11:15-13:10 MW, Twin Cities Remote,
Completely Online; Amelia Reigstad ; 3 cr.

4274W Advertising in Society

(Student Option; WI)
14175 001 LEC, Completely Online; Ruth DeFoster ; 3 cr.

4302 Photojournalism

(A-F or Audit; Prereq: [Jour 3004 or 3004H], Jour 3101,
Jour 3102, [Jour major, Mass Comm major or approved
BIS/IDIM/ICP program])
14674 001 LEC, 14:30-15:45 MW, Murphy Hall 10 South,
14:30-15:45 MW, Murphy Hall 10 Center, 14:30-15:45
MW, Murphy Hall 10 North, In Person Term Based; Regina
McCombs ; 3 cr.

4733V Honors Thesis Seminar

(A-F only; Prereq: Jour major, [jr or sr], honorsWI)
15465 001 LEC, 14:30-15:45 MW, Twin Cities Remote,
Completely Online; Hyejoon Rim ; 3 cr.

4790 Special Topics in Strategic

Communication Skills - Execution
(A-F only; Prerequisites specified in Class Schedule. ?
Students must be Strategic Communication majors
and meet the prerequisites for the specific course
offering.)
33897 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Christopher Terry ; 3 cr.

4995 Capstone

(S-N only;)
34857 002 LEC, Completely Online; Christine Mollen, Lisa
McDaniel ; 1 cr.

5131 In-Depth Reporting

(A-F only; Prereq: [Jour 3004 or 3004H], Jour 3101,
Jour 3121, [Jour major, Mass Comm major or approved
BIS/IDIM/ICP program])
17496 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Christopher Ison ; 3 cr.

5196 Field Based Practicum

(A-F only; Prereq: Jour major and instructor
permission)
33099 001 LAB, 12:00-14:30 F, No Room Required, In
Person Term Based; Gayle Golden ; 3 cr.

**5541 Mass Communication and Public
Health**

(Student Option;)
16046 001 LEC, Completely Online; Meets With: 001 PUBH
6074; Sherri Katz ; 3 cr.

5601W History of Journalism

(Student Option; WI)
17673 001 LEC, 14:30-15:45 MW, Twin Cities Remote,
Completely Online; Giovanna Dell'Orto ; 3 cr.

5725 Management of Media Organizations

(Student Option;)
33103 001 LEC, 09:45-11:00 MW, Twin Cities Remote,
Completely Online; Matthew Weber ; 3 cr.

**5777 Contemporary Problems in Freedom
of Speech and Press**

(A-F only; Prereq: Jour major, Strat Comm major,
Mass Comm major or Mass Comm minor or approved
BIS/IDIM/ICP program or graduate or law student
status. Course is open to students have previously
taken a relevant law course - contact instructor for
permission.)
14827 001 LEC, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 LAW 6030; Jane
Kirtley ; 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.)
14593 002 IND, In Person Term Based; Stacey Kanihan ; 1-3
cr.
14594 003 IND, 00:00-00:00 , , In Person Term Based; Jisu
Huh ; 1-3 cr.
14595 004 IND, 00:00-00:00 , , In Person Term Based; Jane
Kirtley ; 1-3 cr.
14596 007 IND, 00:00-00:00 , , In Person Term Based; 1-3
cr.
14597 008 IND, In Person Term Based; 1-3 cr.
18252 009 IND, In Person Term Based; Steven Wehrenberg ;
1-3 cr.

Kenya (KNYA)**Kinesiology (KIN)****1871 Survey of Kinesiology, Recreation,
and Sport**

(A-F or Audit;)
12026 001 LEC, Completely Online; Chelsey Thul ; 3 cr.

3001 Lifetime Health and Wellness

(A-F or Audit; SOCS)
12188 001 LEC, Completely Online; Stephanie Grace ; 3 cr.
12432 002 LEC, Completely Online; Amanda Falk ; 3 cr.
13142 003 LEC, Completely Online; Brooke Wagner ; 3 cr.

**3027 Human Anatomy for Kinesiology
Students**

(A-F or Audit;)
12565 002 LAB, 12:20-14:00 W, Mariucci Arena 141, In
Person Term Based; Anton Hesse ; 4 cr.
12566 003 LAB, 14:30-16:10 W, Mariucci Arena 141, In
Person Term Based; Anton Hesse ; 4 cr.
12567 001 LEC, 11:15-12:05 MW, Smith Hall 100, Partially
Online; 4 cr.
12589 004 LAB, 12:20-14:00 M, Mariucci Arena 141, In
Person Term Based; Trevor Johnson ; 4 cr.
12731 005 LAB, 14:30-16:10 M, Mariucci Arena 141, In
Person Term Based; Trevor Johnson ; 4 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)
12028 001 LEC, 09:05-11:00 T, Twin Cities Remote,
Completely Online; Juergen Konczak ; 4 cr.
12116 002 LAB, 08:15-09:55 Th, Cooke Hall 20, In Person
Term Based; 4 cr.
12117 003 LAB, 10:10-11:50 Th, Cooke Hall 20, In Person
Term Based; 4 cr.
12118 004 LAB, 12:05-13:45 Th, Cooke Hall 20, In Person
Term Based; 4 cr.
12454 005 LAB, 14:00-15:40 Th, Cooke Hall 20, In Person
Term Based; 4 cr.
12627 006 LAB, 16:00-17:40 Th, Cooke Hall 20, In Person
Term Based; 4 cr.

**3114 Prevention and Care of Athletic
Injuries**

(A-F only; Prereq: [3027 or ANAT 3001 or ANAT 3601 or
ANAT 3611 or equiv], [CEHD student or instr consent])
12025 001 LEC, 11:15-12:30 TTh, Rapson Hall 56, In Person
Term Based; Angela Szumowski ; 3 cr.
13218 002 LEC, 11:15-12:30 MW, Nicholson Hall 35, In
Person Term Based; Debbie Dalsin ; 3 cr.

3126W Sport and Exercise Psychology

(A-F or Audit; Prereq: Kin major or instr consentWI)
12021 002 DIS, 08:00-08:50 F, Cooke Hall 20, In Person
Term Based; Sarah Espinoza ; 3 cr.
12176 001 LEC, Completely Online; Sarah Espinoza ; 3 cr.
12439 003 DIS, 09:05-09:55 F, Cooke Hall 20, In Person
Term Based; Sarah Espinoza ; 3 cr.
12633 004 DIS, 10:10-11:00 F, Cooke Hall 20, In Person
Term Based; Sarah Espinoza ; 3 cr.
12634 005 LEC, Completely Online; Sarah Espinoza ; 3 cr.
12635 006 DIS, 11:15-12:05 F, Cooke Hall 20, In Person
Term Based; Sarah Espinoza ; 3 cr.
13149 007 DIS, 12:20-13:10 F, Cooke Hall 20, In Person
Term Based; Sarah Espinoza ; 3 cr.
13150 008 DIS, 13:25-14:15 F, Cooke Hall 20, In Person
Term Based; Sarah Espinoza ; 3 cr.

3131W History and Philosophy of Sport

(A-F or Audit; Prereq: Kin major or instr consentWI)
13151 001 LEC, Completely Online; Dunja Antunovic ; 3 cr.

**3132 Introduction to Motor Development
Across the Lifespan**

(A-F only; Prereq: Kin major or instr consent)
12562 001 LEC, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; Hannah Walter ; 3 cr.

**3135 Introduction to Motor Learning and
Control**

(A-F or Audit;)
12446 001 LEC, 09:05-09:55 WF, Twin Cities Remote,
Completely Online; Rachel Hawe ; 3 cr.

26814 001 FWK, 14:30-15:45 W, Twin Cities Remote, Completely Online; Simone Gbolo ; 3 cr.
26901 004 FWK, 17:30-20:00 W, ONLINE BLENDED, 17:30-20:00 W, Murphy Hall 130, 17:30-20:00 W, Murphy Hall 130, 17:30-20:00 W, Murphy Hall 130, 17:30-20:00 W, Murphy Hall 130, 17:30-20:00 W, Murphy Hall 130, 17:30-20:00 W, Murphy Hall 130, 17:30-20:00 W, Murphy Hall 130, 17:30-20:00 W, Murphy Hall 130, Partially Online; Rebecca Bergner ; 3 cr.

4961W Leadership for Global Citizenship (A-F only; GP,WI)

26797 002 LEC, 14:30-15:45 TTh, ONLINE BLENDED, 14:30-15:45 TTh, 10 Church Street SE 311, Partially Online; Emina Buzinkic ; 3 cr.
26804 001 LEC, 09:45-11:00 MW, ONLINE BLENDED, 09:45-11:00 MW, 10 Church Street SE 311, Partially Online; Aaron Asmundson ; 3 cr.
26900 003 LEC, 18:30-21:00 M, Twin Cities Remote, Completely Online; Margaret Harris ; 3 cr.

4972 Directed Research, Leadership Minor (A-F only; Prereq: instr consent Contract URL: <https://goo.gl/forms/iw89wCSrPN30hBAz2>)

26821 001 IND, Completely Online; Krista Soria ; 1-4 cr.
35480 002 IND, Completely Online; Krista Soria ; 1-4 cr.

Learning and Academic Skills (LASK)

1001 Mastering Skills for College Success (Student Option;)

12100 001 LEC, Completely Online; Julio Vega Cedeno ; 2 cr.
12101 002 LEC, Completely Online; Kelly Collins ; 2 cr.
12103 004 LEC, Completely Online; Nisma Elias ; 2 cr.
12104 005 LEC, Completely Online; Kelly Collins ; 2 cr.
12105 006 LEC, Completely Online; Julio Vega Cedeno ; 2 cr.
13190 007 LEC, Completely Online; Alexandra Klapperich ; 2 cr.

1101 Academic Refresher

(S-N or Audit; Prereq: instr consent)
12201 001 LEC, 09:05-09:55 M, Twin Cities Remote, Completely Online; Jenny Steiner ; 1 cr.

1102 Academic Success

(S-N only;)
12539 002 LEC, 13:25-14:15 M, Twin Cities Remote, Completely Online; Alexandra Klapperich ; 2 cr.
12540 003 LEC, 15:35-16:25 M, Twin Cities Remote, Completely Online; Kelly Collins ; 2 cr.
13290 004 LEC, 09:05-09:55 T, Twin Cities Remote, Completely Online; Julio Vega Cedeno ; 2 cr.
13446 005 LEC, 13:25-14:15 T, Twin Cities Remote, Completely Online; Nisma Elias ; 2 cr.

Linguistics (LING)

1701 Language and Society

(Student Option; DSJ)
14118 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Caleb Hicks ; 4 cr.
14468 002 DIS, 09:05-09:55 T, Twin Cities Remote, Completely Online; 4 cr.
35410 003 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.

1913 Words at Work

(A-F only;)
33607 001 DIS, 13:25-15:55 Th, Twin Cities Remote, Completely Online; Michael Kac ; 3 cr.

3001 Introduction to Linguistics (Student Option; SOCS)

14080 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Jean-Philippe Marcotte ; 4 cr.
14082 004 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.
14083 050 LEC, 18:10-19:00 Th, Twin Cities Remote, 18:10-19:50 T, Twin Cities Remote, Completely Online; Ellen Lucast ; 4 cr.
15041 051 DIS, 19:10-20:00 Th, Twin Cities Remote, Completely Online; 4 cr.
15052 052 DIS, 19:10-20:00 Th, Twin Cities Remote, Completely Online; 4 cr.
15270 003 DIS, 10:10-11:00 T, Twin Cities Remote, Completely Online; 4 cr.

3051H Honors: Thesis

(A-F only; Prereq: Linguistics honors candidate, instr consent)

14174 001 IND, 00:00-00:00 , , In Person Term Based; Hooi Ling Soh ; 3 cr.
15782 003 IND, 00:00-00:00 , , In Person Term Based; Jean-Philippe Marcotte ; 3 cr.
15783 004 IND, 00:00-00:00 , , In Person Term Based; Diti Bhadra ; 3 cr.
16252 006 IND, 00:00-00:00 , , In Person Term Based; Claire Halpert ; 3 cr.
16700 007 IND, In Person Term Based; Brian Reese ; 3 cr.
34755 008 IND, In Person Term Based; Polly Szatrowski ; 3 cr.

3052V Honors: Thesis

(A-F only; WI)
17189 001 DIS, 12:00-15:00 F, Twin Cities Remote, Completely Online; Meets With: 001 LING 4901W; Brian Reese ; 3 cr.

3101W Languages of the World

(Student Option; Prereq: 3001 or 3001H or 5001 or instr consentWI)
14084 001 LEC, 16:00-17:15 MW, Twin Cities Remote, Completely Online; Jean-Philippe Marcotte ; 3 cr.

3900 Topics in Linguistics

(Student Option;)
34072 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 LING 5900; Michael Kac ; 3 cr.

4201 Syntax I

(Student Option; Prereq: 3001 or 3001H or 5001 or instr consent)
16676 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Morgan Staley ; 3 cr.

4202 Syntax II

(Student Option; Prereq: 4201 or 5201)
15737 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Morgan Staley ; 3 cr.

4303 Phonology II

(Student Option; Prereq: Ling 4302W)
15743 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Daniel Karvonen ; 3 cr.

4901W Capstone Seminar in Linguistics

(S-N only; Prereq: Ling major, [jr or sr]WI)
15736 001 LEC, 12:00-15:00 F, Twin Cities Remote, Completely Online; Meets With: 001 LING 3052V; Brian Reese ; 3 cr.

5001 Introduction to Linguistics

(Student Option;)
14158 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Jean-Philippe Marcotte ; 4 cr.
15242 002 DIS, 11:15-12:05 F, Twin Cities Remote, Completely Online; Jean-Philippe Marcotte ; 4 cr.

5105 Field Methods in Linguistics I

(Student Option; Prereq: [[4201 or 5201], [4302W or 5302]] or instr consent)
16668 001 FWK, 14:30-16:25 MW, Twin Cities Remote, Completely Online; Meets With: 001 LING 8105; Claire Halpert ; 4 cr.

5201 Syntactic Theory I

(Student Option; Prereq: 5001 or honors student or instr consent)
16149 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Diti Bhadra ; 3 cr.

5205 Semantics

(Student Option; Prereq: [4201 or 5201] or instr consent)
15839 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Brian Reese ; 3 cr.

5302 Phonological Theory I

(Student Option; Prereq: 5001 or honors student or instructor consent. LING 5302 is directed towards honors students and graduate students.)
16148 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Anna Lubowicz ; 3 cr.

5461 Conversation Analysis

(Student Option; Prereq: 3001 or 3001H or 5001 or instr consent)
17188 001 LEC, 11:15-12:30 TTh, Elliott Hall N119, In Person Term Based; Polly Szatrowski ; 3 cr.

5900 Topics in Linguistics

(Student Option;)
34073 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 LING 3900; Michael Kac ; 3 cr.

5993 Directed Study

(Student Option; Prereq instr consent, dept consent, college consent.)
14567 002 IND, In Person Term Based; Hooi Ling Soh ; 1-3 cr.
15516 004 IND, In Person Term Based; Brian Reese ; 1-3 cr.
15525 005 IND, In Person Term Based; Claire Halpert ; 1-3 cr.
15781 006 IND, In Person Term Based; Jean-Philippe Marcotte ; 1-3 cr.
16073 007 IND, In Person Term Based; Polly Szatrowski ; 1-3 cr.
34752 008 IND, In Person Term Based; Diti Bhadra ; 1-3 cr.

MN Studies in Intl Devel Prog (MSID)

MSID Program in Thailand (THAI)

Madrid Learning Abroad Program (MADR)

Management (MGMT)

1001 Contemporary Management

(A-F only; Prereq: Carlson School fr or soph)
19144 002 LEC, 13:00-14:15 MW, ONLINE BLENDED, 13:00-14:15 MW, Hanson Hall 1-104, Partially Online; Yelena Hydrie ; 3 cr.
19145 003 LEC, 14:30-15:45 MW, ONLINE BLENDED, 14:30-15:45 MW, Hanson Hall 1-104, Partially Online; Wei Wang ; 3 cr.
19146 004 LEC, 09:45-11:00 TTh, ONLINE BLENDED, 09:45-11:00 TTh, Hanson Hall 1-104, Partially Online; Le Zhou ; 3 cr.
19147 005 LEC, 09:45-11:00 TTh, ONLINE BLENDED, 09:45-11:00 TTh, Carlson School of Mgmt 1-147, Partially Online; Adib Birkland ; 3 cr.
19148 006 LEC, 11:15-12:30 TTh, ONLINE BLENDED, 11:15-12:30 TTh, Hanson Hall 1-104, Partially Online; Le Zhou ; 3 cr.
19206 007 LEC, 13:00-14:15 TTh, ONLINE BLENDED, 13:00-14:15 TTh, Hanson Hall 1-104, Partially Online; Le Zhou ; 3 cr.
19219 009 LEC, 11:15-12:30 MW, ONLINE BLENDED, 11:15-12:30 MW, Hanson Hall 1-104, Partially Online; Wei Wang ; 3 cr.
19221 001 LEC, 11:15-12:30 MW, ONLINE BLENDED, 11:15-12:30 MW, Hanson Hall 1-106, Partially Online; Yelena Hydrie ; 3 cr.
19407 010 LEC, 08:00-09:15 TTh, Twin Cities Remote, Completely Online; Adib Birkland ; 3 cr.
31557 008 LEC, 13:00-14:15 TTh, ONLINE BLENDED, 13:00-14:15 TTh, Hanson Hall 1-106, Partially Online; Adib Birkland ; 3 cr.
35244 011 LEC, 14:30-15:45 TTh, Hanson Hall 1-106, Partially Online; Adib Birkland ; 3 cr.

1001H Honors: Contemporary Management

(A-F only; Prereq: [Fr or soph] honors)
19421 002 LEC, 11:15-12:30 MW, ONLINE BLENDED, 11:15-12:30 MW, Hanson Hall 1-108, Partially Online; Pri Shah ; 3 cr.

1005 Corporate Responsibility and Ethics

(A-F only; Prereq: Carlson School studentCIV)
19288 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Rand Park ; 3 cr.
19289 002 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Rand Park ; 3 cr.
19290 003 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Rand Park ; 3 cr.
19306 004 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Rand Park ; 3 cr.

3001 Fundamentals of Management

(A-F or Audit;)
19010 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Kathleen Lafferty ; 3 cr.
19011 002 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Kathleen Lafferty ; 3 cr.
19012 003 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Alan Fine ; 3 cr.
34519 070 LEC, Completely Online; Kathleen Lafferty ; 3 cr.

3004 Business Strategy

(Student Option; Prereq: MatS 3011 or instr consent, upper div CSE or grad)
23590 001 LEC, Completely Online; Meets With: 001 CHEN 5531; William Smyrl ; 3 cr.

Mathematics (MATH)

1001 Excursions in Mathematics

(Student Option; Prereq: 3 yrs high school math or placement exam or [grade of at least C- in PSTL 731 or 732]MATH)

20778 010 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Alexis Johnson ; 3 cr.
20779 011 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; Carter Chain ; 3 cr.
20780 012 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; Carter Chain ; 3 cr.
22359 013 DIS, 12:20-13:10 Th, Twin Cities Remote, Completely Online; Carter Chain ; 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)

20913 001 LEC, 18:00-20:05 MW, Twin Cities Remote, Completely Online; Cole Jeznach ; 3 cr.
20914 002 LEC, 18:00-20:05 TTh, Twin Cities Remote, Completely Online; Kayla Wright ; 3 cr.
20915 010 LEC, 08:30-09:20 TTh, Twin Cities Remote, Completely Online; ; 3 cr.
20916 020 LEC, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Mike Weimerskirch ; 3 cr.
20917 030 LEC, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; Mike Weimerskirch ; 3 cr.
21231 040 LEC, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; ; 3 cr.
34931 003 LEC, Completely Online; ; 3 cr.

1042 Mathematics of Design

(Student Option; Prereq: Satisfactory score on placement test or grade of at least C- in [1031 or 1051]MATH)

23423 001 LEC, 15:35-17:30 TTh, Twin Cities Remote, Completely Online; Mark Kayser ; 4 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)

21207 010 LEC, 12:20-13:10 MF, Twin Cities Remote, Completely Online; 3 cr.
21208 020 LEC, 13:25-14:15 MF, Twin Cities Remote, Completely Online; 3 cr.
23348 030 LEC, 14:30-15:20 MF, Twin Cities Remote, Completely Online; ; 3 cr.
35170 003 LEC, Completely Online; ; 3 cr.

1142 Short Calculus

(Student Option; Prereq: Satisfactory score on placement test or grade of at least C- in [1031 or 1051]MATH)

20781 001 LEC, 18:00-20:05 MW, Twin Cities Remote, Completely Online; Maria Eloisa Nuguid ; 4 cr.
20782 002 LEC, 18:00-20:05 TTh, Twin Cities Remote, Completely Online; Shengmei An ; 4 cr.
20783 010 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Robert Hank ; 4 cr.
20784 011 DIS, 08:00-08:50 TTh, Twin Cities Remote, Completely Online; Micki Bui ; 4 cr.
20785 012 DIS, 08:00-08:50 TTh, Twin Cities Remote, Completely Online; Angelina Schenck ; 4 cr.
20786 013 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Micki Bui ; 4 cr.
20787 014 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Angelina Schenck ; 4 cr.
20788 020 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; Robert Hank ; 4 cr.
20789 021 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; Zhengyi Gong ; 4 cr.
20790 022 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; Mathieu De Langis ; 4 cr.
20791 023 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
20792 024 DIS, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; Zhengyi Gong ; 4 cr.
21502 025 DIS, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; Mathieu De Langis ; 4 cr.
22118 026 DIS, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; 4 cr.
35169 003 LEC, Completely Online; ; 4 cr.
35445 027 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; ; 4 cr.

1151 Precalculus II

(Student Option; Prereq: Satisfactory score on placement exam or grade of at least C- in [1031 or 1051]MATH)

21209 020 LEC, 11:15-12:05 WF, Twin Cities Remote, Completely Online; Katherine Maxwell ; 3 cr.
21210 030 LEC, 12:20-13:10 MW, Twin Cities Remote, Completely Online; 3 cr.
21448 040 LEC, 13:25-14:15 WF, Twin Cities Remote, Completely Online; ; 3 cr.
23347 050 LEC, 14:30-15:20 WF, Twin Cities Remote, Completely Online; 3 cr.
35168 003 LEC, Completely Online; ; 3 cr.

1241 Calculus and Dynamical Systems in Biology

(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]], CBS studentMATH)

22717 010 LEC, 14:30-15:45 WF, Twin Cities Remote, Completely Online; Duane Nykamp ; 4 cr.
22718 011 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22719 012 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22980 013 DIS, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22981 014 DIS, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22982 015 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22983 016 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; ; 4 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)

20793 001 LEC, 18:00-20:05 MW, Twin Cities Remote, Completely Online; Maria Sanchez Muniz ; 4 cr.
20794 002 LEC, 18:00-20:05 TTh, Twin Cities Remote, Completely Online; Mcleary Philbin ; 4 cr.
20795 020 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Bryan Mosher ; 4 cr.
20796 021 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
20797 022 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
20798 023 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
20799 024 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
20800 030 LEC, 12:20-13:10 MWF, Twin Cities Remote, Completely Online; ; 4 cr.
20801 031 DIS, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
20802 032 DIS, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
20803 033 DIS, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
20804 034 DIS, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
21272 040 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Tomas Merchan ; 4 cr.
21273 041 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
21274 042 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
21275 043 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; 4 cr.
21276 050 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; ; 4 cr.
21384 051 DIS, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
21385 052 DIS, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
21386 053 DIS, 15:35-16:25 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
21387 010 LEC, 08:00-08:50 MWF, Twin Cities Remote, Completely Online; Pei Liu ; 4 cr.
21388 011 DIS, 08:00-08:50 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
21389 012 DIS, 08:00-08:50 TTh, Twin Cities Remote, Completely Online; 4 cr.
21390 013 DIS, 08:00-08:50 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
21391 014 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
21544 035 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
21545 025 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
21997 015 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; 4 cr.
22109 026 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; ; 4 cr.

22110 036 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22111 044 DIS, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22112 045 DIS, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22113 016 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22505 070 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Tomas Merchan ; 4 cr.
22508 071 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22544 037 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22545 046 DIS, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; 4 cr.
22546 055 DIS, 15:35-16:25 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22547 072 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22548 073 DIS, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22549 074 DIS, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22815 027 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22864 060 LEC, 15:35-16:25 MWF, Twin Cities Remote, Completely Online; Shiwen Zhang ; 4 cr.
22865 062 DIS, 15:35-16:25 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
22866 064 DIS, 16:40-17:30 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
35167 003 LEC, Completely Online; ; 4 cr.
35297 028 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; 4 cr.
35298 038 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
35299 075 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
35429 056 DIS, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
35433 076 DIS, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; ; 4 cr.

1272 Calculus II

(Student Option; Prereq: [1271 or equiv] with grade of at least C-)

20805 001 LEC, 18:00-20:05 MW, Twin Cities Remote, Completely Online; Cecily Santiago ; 4 cr.
20806 020 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Esther Banaian ; 4 cr.
20807 021 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Sarah Milstein ; 4 cr.
20808 022 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Dorian Smith ; 4 cr.
20809 023 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Katherine Weber ; 4 cr.
20810 024 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Sarah Milstein ; 4 cr.
20811 030 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Mykhailo Kuian ; 4 cr.
20812 031 DIS, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; Brendan Cook ; 4 cr.
20813 032 DIS, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; Liam Keenan ; 4 cr.
20814 033 DIS, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; Joel Gallegos ; 4 cr.
20815 034 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; Brendan Cook ; 4 cr.
21266 040 LEC, 15:35-16:25 MWF, Twin Cities Remote, Completely Online; Mykhailo Kuian ; 4 cr.
21267 041 DIS, 15:35-16:25 TTh, Twin Cities Remote, Completely Online; Jasmine Noory ; 4 cr.
21268 042 DIS, 15:35-16:25 TTh, Twin Cities Remote, Completely Online; B Burks ; 4 cr.
21269 043 DIS, 16:40-17:30 TTh, Twin Cities Remote, Completely Online; Jasmine Noory ; 4 cr.
21270 044 DIS, 16:40-17:30 TTh, Twin Cities Remote, Completely Online; B Burks ; 4 cr.
21392 002 LEC, 18:00-20:05 TTh, Twin Cities Remote, Completely Online; Michelle Mastroianni ; 4 cr.
21543 035 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; Liam Keenan ; 4 cr.
21546 025 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Dorian Smith ; 4 cr.
21547 036 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; Joel Gallegos ; 4 cr.
22108 026 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Katherine Weber ; 4 cr.
35166 003 LEC, Completely Online; ; 4 cr.

1371 CSE Calculus I

(Student Option; Prereq: CSE or pre-bioprod concurrent registration is required (or allowed) in biosys engn (PRE), background in [precalculus, geometry, visualization of functions/graphs], instr

consent; familiarity with graphing calculators recommended(MATH)

- 20966 020 LEC, 09:05-09:55 MW, Twin Cities Remote, Completely Online; Eoin O'Hara ; 4 cr.
- 20967 022 DIS, 09:05-11:00 Th, Twin Cities Remote, 09:05-09:55 T, Twin Cities Remote, Completely Online; Wuzhe Xu ; 4 cr.
- 20968 023 DIS, 11:15-13:10 Th, Twin Cities Remote, 11:15-12:05 T, Twin Cities Remote, Completely Online; Wuzhe Xu ; 4 cr.
- 20969 024 DIS, 12:20-14:15 Th, Twin Cities Remote, 12:20-13:10 T, Twin Cities Remote, Completely Online; William Frazier ; 4 cr.
- 20970 030 LEC, 13:25-14:15 MW, Twin Cities Remote, Completely Online; Eoin O'Hara ; 4 cr.
- 20971 031 DIS, 10:10-12:05 Th, Twin Cities Remote, 10:10-11:00 T, Twin Cities Remote, Completely Online; Timothy Woods ; 4 cr.
- 20972 032 DIS, 11:15-13:10 Th, Twin Cities Remote, 11:15-12:05 T, Twin Cities Remote, Completely Online; Tobias Ramaswamy ; 4 cr.
- 20973 034 DIS, 12:20-14:15 Th, Twin Cities Remote, 12:20-13:10 T, Twin Cities Remote, Completely Online; Timothy Woods ; 4 cr.
- 20974 040 LEC, 14:30-15:20 MW, Twin Cities Remote, Completely Online; Eoin O'Hara ; 4 cr.
- 20975 042 DIS, 11:15-13:10 Th, Twin Cities Remote, 11:15-12:05 T, Twin Cities Remote, Completely Online; Yorkinoy Shermatova ; 4 cr.
- 20976 043 DIS, 10:10-12:05 Th, Twin Cities Remote, 11:15-12:05 T, Twin Cities Remote, Completely Online; Jie Min ; 4 cr.
- 21536 025 DIS, 14:30-16:25 Th, Twin Cities Remote, 14:30-15:20 T, Twin Cities Remote, Completely Online; William Frazier ; 4 cr.
- 21537 035 DIS, 14:30-16:25 Th, Twin Cities Remote, 14:30-15:20 T, Twin Cities Remote, Completely Online; Tobias Ramaswamy ; 4 cr.
- 21538 045 DIS, 14:30-16:25 Th, Twin Cities Remote, 14:30-15:20 T, Twin Cities Remote, Completely Online; Yorkinoy Shermatova ; 4 cr.

1372 CSE Calculus II

- (Student Option; Prereq: Grade of at least C- in [1371 or equiv], CSE or pre-Bioproduct/Biosys Engr)
- 21548 010 LEC, 09:05-09:55 MW, Twin Cities Remote, Completely Online; Jennie Morgan ; 4 cr.
- 21549 011 DIS, 08:00-09:55 Th, Twin Cities Remote, 08:00-08:50 T, Twin Cities Remote, Completely Online; Elizabeth Kelley ; 4 cr.
- 21550 012 DIS, 08:00-09:55 Th, Twin Cities Remote, 09:05-09:55 T, Twin Cities Remote, Completely Online; Xinchun Miao ; 4 cr.
- 21551 013 DIS, 11:15-13:10 Th, Twin Cities Remote, 10:10-11:00 T, Twin Cities Remote, Completely Online; Elizabeth Kelley ; 4 cr.
- 21552 014 DIS, 12:20-14:15 Th, Twin Cities Remote, 12:20-13:10 T, Twin Cities Remote, Completely Online; Zhilin Luo ; 4 cr.
- 22409 020 LEC, 12:20-13:10 MW, Twin Cities Remote, Completely Online; Jennie Morgan ; 4 cr.
- 22420 021 DIS, 08:00-09:55 Th, Twin Cities Remote, 08:00-08:50 T, Twin Cities Remote, Completely Online; Lei Yuan ; 4 cr.
- 22421 022 DIS, 11:15-13:10 Th, Twin Cities Remote, 11:15-12:05 T, Twin Cities Remote, Completely Online; Lei Yuan ; 4 cr.
- 22422 023 DIS, 12:20-14:15 Th, Twin Cities Remote, 12:20-13:10 T, Twin Cities Remote, Completely Online; Zeshen Gu ; 4 cr.
- 22423 024 DIS, 14:30-16:25 Th, Twin Cities Remote, 14:30-15:20 T, Twin Cities Remote, Completely Online; Zeshen Gu ; 4 cr.
- 22634 015 DIS, 14:30-16:25 Th, Twin Cities Remote, 14:30-15:20 T, Twin Cities Remote, Completely Online; Xinchun Miao ; 4 cr.

1571H Honors Calculus I

- (A-F only; Prereq: Honors student and permission of University Honors Program(MATH))
- 20986 010 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Jay Yang ; 4 cr.
- 20987 011 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Zane Huttinga ; 4 cr.
- 20988 012 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Zane Huttinga ; 4 cr.

1572H Honors Calculus II

- (A-F only; Prereq: 1571H, honors student, permission of University Honors Program)
- 22789 010 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Anar Akhmedov ; 4 cr.
- 22790 011 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; David Demark ; 4 cr.
- 22791 012 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; David Demark ; 4 cr.

2142 Elementary Linear Algebra

- (Student Option; Prerequisites: MATH 1272 or equivalent)
- 34571 010 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; William Leeb ; 4 cr.
- 34572 011 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
- 34573 012 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; ; 4 cr.

2243 Linear Algebra and Differential Equations

- (Student Option; Prereq: [1272 or 1282 or 1372 or 1572] w/grade of at least C-)
- 20816 001 LEC, 18:00-20:05 MW, Twin Cities Remote, Completely Online; Eric Stucky ; 4 cr.
- 20817 020 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Tsao-Hsien Chen ; 4 cr.
- 20818 021 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Shengzhen Ning ; 4 cr.
- 20819 022 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Trevor Karn ; 4 cr.
- 20820 023 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; ; 4 cr.
- 21472 002 LEC, 18:00-20:05 TTh, Twin Cities Remote, Completely Online; Lilly Webster ; 4 cr.
- 22419 024 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Shengzhen Ning ; 4 cr.
- 22428 030 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; Tsao-Hsien Chen ; 4 cr.
- 22429 031 DIS, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; Jodin Morey ; 4 cr.
- 22430 032 DIS, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; Jacob Hegna ; 4 cr.
- 22431 033 DIS, 15:35-16:25 TTh, Twin Cities Remote, Completely Online; Jodin Morey ; 4 cr.
- 22502 034 DIS, 15:35-16:25 TTh, Twin Cities Remote, Completely Online; Jacob Hegna ; 4 cr.
- 22504 025 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Trevor Karn ; 4 cr.
- 34325 003 LEC, Completely Online; ; 4 cr.

2263 Multivariable Calculus

- (Student Option; Prereq: [1272 or 1372 or 1572] w/ grade of at least C-)
- 20821 001 LEC, 18:00-20:05 MW, Twin Cities Remote, Completely Online; Galen Dorpalen-Barry ; 4 cr.
- 20822 010 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Nadejda Drenska ; 4 cr.
- 20823 011 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Casey Garner ; 4 cr.
- 20824 012 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Patricia Commins ; 4 cr.
- 20825 013 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Bo Zhu ; 4 cr.
- 20826 014 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Casey Garner ; 4 cr.
- 20827 020 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; Nadejda Drenska ; 4 cr.
- 20828 021 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; Shengkai Mao ; 4 cr.
- 20829 022 DIS, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; Samuel Vance ; 4 cr.
- 21383 002 LEC, 18:00-20:05 TTh, Twin Cities Remote, Completely Online; Devadatta Ganesh Hegde ; 4 cr.
- 22468 023 DIS, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; Shengkai Mao ; 4 cr.
- 22551 024 DIS, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; Samuel Vance ; 4 cr.
- 22670 015 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Patricia Commins ; 4 cr.
- 22897 016 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Bo Zhu ; 4 cr.
- 34326 003 LEC, Completely Online; ; 4 cr.
- 35308 017 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Diyi Liu ; 4 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)
- 20977 010 LEC, 11:15-12:05 MW, Twin Cities Remote, Completely Online; Greg Anderson ; 4 cr.
- 20978 011 DIS, 09:05-09:55 Th, Twin Cities Remote, 08:00-08:50 TTh, Twin Cities Remote, Completely Online; Libby Farrell ; 4 cr.
- 20979 012 DIS, 10:10-11:00 Th, Twin Cities Remote, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Terrence Stanley ; 4 cr.
- 20980 013 DIS, 11:15-12:05 Th, Twin Cities Remote, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Libby Farrell ; 4 cr.
- 20981 020 LEC, 13:25-14:15 MW, Twin Cities Remote, Completely Online; Greg Anderson ; 4 cr.

- 20982 021 DIS, 09:05-09:55 T, Twin Cities Remote, 08:00-08:50 TTh, Twin Cities Remote, Completely Online; Matthew Sikkink Johnson ; 4 cr.
- 20983 022 DIS, 10:10-11:00 T, Twin Cities Remote, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Cheng Chen ; 4 cr.
- 20984 023 DIS, 11:15-12:05 T, Twin Cities Remote, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Matthew Sikkink Johnson ; 4 cr.
- 20985 024 DIS, 12:20-13:10 T, Twin Cities Remote, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Cheng Chen ; 4 cr.
- 21382 014 DIS, 12:20-13:10 Th, Twin Cities Remote, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Terrence Stanley ; 4 cr.
- 21540 015 DIS, 13:25-14:15 Th, Twin Cities Remote, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; Zanning Dai ; 4 cr.
- 22105 025 DIS, 13:25-14:15 T, Twin Cities Remote, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; Shuo Zhang ; 4 cr.
- 23660 030 LEC, 15:35-16:25 MW, Twin Cities Remote, Completely Online; Terrence Stanley ; 4 cr.
- 23661 031 DIS, 14:30-15:20 T, Twin Cities Remote, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; Liya Ouyang ; 4 cr.
- 23662 032 DIS, 15:35-16:25 T, Twin Cities Remote, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; Zanning Dai ; 4 cr.
- 23663 033 DIS, 16:40-17:30 T, Twin Cities Remote, 15:35-16:25 TTh, Twin Cities Remote, Completely Online; Shuo Zhang ; 4 cr.
- 23664 034 DIS, 17:45-18:35 T, Twin Cities Remote, 16:40-17:30 TTh, Twin Cities Remote, Completely Online; Liya Ouyang ; 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)
- 21393 010 LEC, 09:05-09:55 WF, Twin Cities Remote, Completely Online; Tyler Lawson ; 4 cr.
- 21394 011 DIS, 09:05-09:55 Th, Twin Cities Remote, 08:00-08:50 TTh, Twin Cities Remote, Completely Online; Drisana Mosaphir ; 4 cr.
- 21395 012 DIS, 10:10-11:00 Th, Twin Cities Remote, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Grace Zhang ; 4 cr.
- 21396 013 DIS, 11:15-12:05 Th, Twin Cities Remote, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Drisana Mosaphir ; 4 cr.
- 21397 014 DIS, 12:20-13:10 Th, Twin Cities Remote, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Peihang Wu ; 4 cr.
- 21398 020 LEC, 13:25-14:15 WF, Twin Cities Remote, Completely Online; Paul Carter ; 4 cr.
- 21399 021 DIS, 14:30-15:20 Th, Twin Cities Remote, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; Hyekyung Kim ; 4 cr.
- 21400 022 DIS, 15:35-16:25 Th, Twin Cities Remote, 14:30-15:20 TTh, Twin Cities Remote, Completely Online; Ryan Coopergard ; 4 cr.
- 21401 023 DIS, 16:40-17:30 Th, Twin Cities Remote, 15:35-16:25 TTh, Twin Cities Remote, Completely Online; Hyekyung Kim ; 4 cr.
- 21402 024 DIS, 17:45-18:35 Th, Twin Cities Remote, 16:40-17:30 TTh, Twin Cities Remote, Completely Online; Ryan Coopergard ; 4 cr.
- 22064 015 DIS, 13:25-14:15 Th, Twin Cities Remote, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; Grace Zhang ; 4 cr.

2573H Honors Calculus III

- (A-F only; Prereq: Math 1572H or Math 2574H, honors student and permission of University Honors Program)
- 20989 010 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Peter Webb ; 4 cr.
- 20990 011 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Marshall Smith ; 4 cr.
- 20991 012 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Anh Hoang Trong Nam ; 4 cr.
- 22496 013 DIS, 09:05-09:55 TTh, Twin Cities Remote, Completely Online; Chieh-Hsin Lai ; 4 cr.
- 22659 014 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Marshall Smith ; 4 cr.
- 22660 015 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Anh Hoang Trong Nam ; 4 cr.
- 22892 016 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Chieh-Hsin Lai ; 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)

- 21247 010 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Benjamin Brubaker ; 4 cr.
 21248 012 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Andy Hardt ; 4 cr.
 21380 011 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Emily Tibor ; 4 cr.
 22097 013 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Emily Gullerud ; 4 cr.
 22552 014 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Sasha Pevzner ; 4 cr.
 22657 015 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Ratul Biswas ; 4 cr.
 34420 016 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Meagan Kenney ; 4 cr.
 34421 017 DIS, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Tomas Banuelos ; 4 cr.
 35241 018 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Alexis Dasher ; 4 cr.

3592H Honors Mathematics I

- (A-F only; Prereq: dept consent; for students with mathematical talent)
 21517 010 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Markus Keel ; 5 cr.
 21518 011 DIS, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Bryan F2lix ; 5 cr.

4065 Theory of Interest

- (A-F only; Prereq: 1272 or 1372 or 1572)
 21487 001 LEC, 10:10-12:05 MW, Twin Cities Remote, Completely Online; Breanne Richins ; 4 cr.
 22553 002 LEC, 12:20-14:15 MW, Twin Cities Remote, Completely Online; Katherine Kovarik ; 4 cr.
 22896 003 LEC, 17:00-18:40 MW, Twin Cities Remote, Completely Online; Tong Shi ; 4 cr.

4067W Actuarial Mathematics in Practice

- (A-F only; Prereq: 4065, ACCT 2050, ECON 1101, ECON 1102WI)
 22788 001 LEC, 17:00-19:30 T, Twin Cities Remote, Completely Online; Doreen Vescellus ; 3 cr.

4242 Applied Linear Algebra

- (Student Option; Prereq: 2243 or 2373 or 2573)
 21202 010 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Jorin Schug ; 4 cr.
 21381 020 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Dihua Jiang ; 4 cr.
 22293 030 LEC, 12:20-13:10 MWF, Twin Cities Remote, Completely Online; Dihua Jiang ; 4 cr.
 22385 040 LEC, 12:20-13:10 MWF, Twin Cities Remote, Completely Online; Peter Polacik ; 4 cr.
 22554 050 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Ru-yu Lai ; 4 cr.
 22658 060 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Peter Polacik ; 4 cr.
 22669 070 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; Ru-yu Lai ; 4 cr.
 22968 080 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; William Messing ; 4 cr.

4281 Introduction to Modern Algebra

- (Student Option; Prereq: 2283 or 3283 or instr consent)
 22747 001 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Gennady Lyubeznik ; 4 cr.
 22894 002 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Anila Yadavalli ; 4 cr.

4512 Differential Equations with Applications

- (Student Option; Prereq: 2243 or 2373 or 2573)
 21017 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Bernardo Cockburn ; 3 cr.

4567 Applied Fourier Analysis

- (Student Option; Prereq: 2243 or 2373 or 2573)
 21022 001 LEC, 12:20-13:10 MWF, Twin Cities Remote, Completely Online; Dennis Hejhal ; 4 cr.

4603 Advanced Calculus I

- (Student Option; Prereq: [[2243 or 2373], [2263 or 2374]] or 2574 or instr consent)
 22568 001 LEC, 09:05-11:00 TTh, Twin Cities Remote, Completely Online; Scot Adams ; 4 cr.
 22895 002 LEC, 11:15-13:10 TTh, Twin Cities Remote, Completely Online; Scot Adams ; 4 cr.

4653 Elementary Probability

- (Student Option; Prereq: [2263 or 2374 or 2573]; [2283 or 2574 or 3283] recommended)

- 22056 001 LEC, 16:40-18:35 TTh, Twin Cities Remote, Completely Online; Andrew Odlyzko ; 4 cr.

4707 Introduction to Combinatorics and Graph Theory

- (Student Option; Prereq: 2243, [2283 or 3283])
 21493 001 LEC, 14:30-16:25 MW, Twin Cities Remote, Completely Online; Victor Reiner ; 4 cr.

4991 Independent Study

- (Student Option;)
 21211 001 IND, 00:00-00:00 , Independent/Directed Study; 1-4 cr.
 22277 002 IND, 00:00-00:00 , Independent/Directed Study; 1-4 cr.
 22666 003 IND, 00:00-00:00 , Independent/Directed Study; 1-4 cr.
 22910 004 IND, 00:00-00:00 , In Person Term Based; 1-4 cr.
 22921 005 IND, 00:00-00:00 , In Person Term Based; 1-4 cr.

4992 Directed Reading

- (Student Option;)
 21214 001 IND, 00:00-00:00 , Independent/Directed Study; 1-4 cr.
 22391 002 IND, 00:00-00:00 , Independent/Directed Study; 1-4 cr.

4993 Directed Study

- (Student Option;)
 21215 001 IND, 00:00-00:00 , Independent/Directed Study; 1-4 cr.
 22389 002 IND, 00:00-00:00 , Independent/Directed Study; 1-4 cr.
 22600 003 IND, 00:00-00:00 , Independent/Directed Study; 1-4 cr.
 22603 004 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)
 21483 001 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22028 002 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22029 005 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22030 004 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22031 003 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22674 006 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22911 007 IND, 00:00-00:00 , In Person Term Based; 1 cr.
 22912 008 IND, 00:00-00:00 , In Person Term Based; 1 cr.
 22917 009 IND, 00:00-00:00 , In Person Term Based; 1 cr.
 22919 010 IND, 00:00-00:00 , In Person Term Based; 1 cr.

4997W Senior project (Writing Intensive)

- (A-F or Audit; Prereq: 2 sem upper div math, dept consentWI)
 21484 001 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22032 002 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22033 003 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22034 004 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22035 005 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22036 006 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22511 007 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22512 008 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22596 009 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22597 010 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22598 011 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22599 012 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22601 013 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22602 014 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22819 015 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22820 016 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.

- 22821 017 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22822 018 IND, 00:00-00:00 , Independent/Directed Study; 1 cr.
 22913 019 IND, 00:00-00:00 , In Person Term Based; 1 cr.
 22914 020 IND, 00:00-00:00 , In Person Term Based; 1 cr.
 22916 021 IND, 00:00-00:00 , In Person Term Based; 1 cr.
 22918 022 IND, 00:00-00:00 , In Person Term Based; 1 cr.
 22920 023 IND, 00:00-00:00 , In Person Term Based; 1 cr.
 23027 024 IND, 00:00-00:00 , In Person Term Based; 1 cr.
 23029 025 IND, 00:00-00:00 , In Person Term Based; 1 cr.
 23030 026 IND, 00:00-00:00 , In Person Term Based; 1 cr.
 23532 027 IND, In Person Term Based; 1 cr.
 23534 028 IND, In Person Term Based; 1 cr.
 23535 029 IND, In Person Term Based; 1 cr.

5067 Actuarial Mathematics I

- (Student Option; Prereq: 4065, [one sem [4xxx or 5xxx] [probability or statistics] course])
 20920 001 LEC, 12:20-14:15 MW, Twin Cities Remote, Completely Online; Breanne Richins ; 4 cr.
 22571 002 LEC, 12:20-14:15 MW, Twin Cities Remote, Completely Online; Aileen Lyle ; 4 cr.

5075 Mathematics of Options, Futures, and Derivative Securities I

- (Student Option; Prereq: Two yrs calculus, basic computer skills)
 21249 001 LEC, 10:10-12:05 MW, Twin Cities Remote, Completely Online; Katherine Kovarik ; 4 cr.

5165 Mathematical Logic I

- (Student Option; Prereq: 2283 or 3283 or Phil 5201 or CSci course in theory of algorithms or instr consent)
 20934 001 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; Karel Prikyr ; 4 cr.

5248 Cryptology and Number Theory

- (Student Option; Prereq: 2 sems soph math)
 21019 001 LEC, 16:00-17:15 MW, Twin Cities Remote, Completely Online; David Sherman ; 4 cr.
 21942 002 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Kai-Wen Lan ; 4 cr.
 22893 003 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; David Sherman ; 4 cr.

5251 Error-Correcting Codes, Finite Fields, Algebraic Curves

- (Student Option; Prereq: 2 sems soph math)
 22054 001 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Dongkwan Kim ; 4 cr.

5285H Honors: Fundamental Structures of Algebra I

- (Student Option; Prereq: [2243 or 2373 or 2573], [2283 or 2574 or 3283])
 21003 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; 4 cr.

5335 Geometry I

- (Student Option; Prereq: [2243 or 2373 or 2573], [concurrent registration is required (or allowed) in 2263 or concurrent registration is required (or allowed) in 2374 or concurrent registration is required (or allowed) in 2574])
 21004 001 LEC, 12:20-14:15 MW, Twin Cities Remote, Completely Online; Jonathan Rogness ; 4 cr.

5345H Honors: Introduction to Topology

- (A-F only; Prereq: [2263 or 2374 or 2573], [concurrent registration is required (or allowed) in 2283 or concurrent registration is required (or allowed) in 2574 or concurrent registration is required (or allowed) in 3283])
 21020 001 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Tyler Lawson ; 4 cr.

5447 Theoretical Neuroscience

- (Student Option; Prereq: 2243 or 2373 or 2574)
 23698 001 LEC, 13:00-14:15 WF, Twin Cities Remote, Completely Online; Duane Nykamp ; 4 cr.

5485 Introduction to Numerical Methods I

- (Student Option; Prereq: [2243 or 2373 or 2573], familiarity with some programming language)
 21021 001 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Carme Calderer ; 4 cr.
 23489 002 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; Carme Calderer ; 4 cr.

5535 Dynamical Systems and Chaos

- (Student Option; Prereq: [2243 or 2373 or 2573], [2263 or 2374 or 2574])

21018 001 LEC, 12:20-14:15 MW, Twin Cities Remote, Completely Online; Richard Moeckel ; 4 cr.

5587 Elementary Partial Differential Equations I

(Student Option; Prereq: [2243 or 2373 or 2573], [2263 or 2374 or 2574])

21260 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Dmytro Bilyk ; 4 cr.

21496 002 LEC, 16:45-18:00 TTh, Twin Cities Remote, Completely Online; Dmytro Bilyk ; 4 cr.

5615H Honors: Introduction to Analysis I

(Student Option; Prereq: [2243 or 2373], [2263 or 2374], [2283 or 3283]) or 2574)

21015 001 LEC, 12:20-13:10 MWF, Twin Cities Remote, Completely Online; 4 cr.

21016 002 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; 4 cr.

23519 003 LEC, 12:20-13:10 MWF, Twin Cities Remote, Completely Online; 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.)

21023 001 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Jasmine Foo ; 4 cr.

21377 002 LEC, 12:20-14:15 TTh, Twin Cities Remote, Completely Online; Maury Bramson ; 4 cr.

22646 003 LEC, 14:30-16:25 TTh, Twin Cities Remote, Completely Online; Wai-Kit Lam ; 4 cr.

22668 004 LEC, 16:40-18:35 TTh, Twin Cities Remote, Completely Online; Wai-Kit Lam ; 4 cr.

5652 Introduction to Stochastic Processes

(Student Option; Prereq: 5651 or Stat 5101)

21503 001 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Arnab Sen ; 4 cr.

22797 002 LEC, 16:40-18:35 TTh, Twin Cities Remote, Completely Online; Arnab Sen ; 4 cr.

5705 Enumerative Combinatorics

(Student Option; Prereq: [2243 or 2373 or 2573], [2263 or 2283 or 2374 or 2574 or 3283])

23067 001 LEC, 14:30-16:25 MW, Twin Cities Remote, Completely Online; Nicholas Ovenhouse ; 4 cr.

5711 Linear Programming and Combinatorial Optimization

(Student Option; Prereq: 2 sems soph math [including 2243 or 2373 or 2573])

22129 001 LEC, 11:15-13:10 MW, Twin Cities Remote, Completely Online; Meets With: 001 IE 5531; Yiling Zhang ; 4 cr.

5900 Tutorial in Advanced Mathematics

(A-F or Audit;)

22969 001 IND, Completely Online; 1-6 cr.

Mathematics Education (MTHE)

3101 Mathematics and Pedagogy for Elementary Teachers I

(A-F only; Prereq: [College algebra, elementary FOE or Early Childhood student, jr status or above] or instr consent)

12437 001 LEC, 10:30-11:45 MW, Twin Cities Remote, Completely Online; Megan Parise ; 3 cr.

12578 002 LEC, 13:30-14:45 MW, Twin Cities Remote, Completely Online; Fawnda Norman ; 3 cr.

3102 Mathematics and Pedagogy for Elementary Teachers II

(A-F only; Prereq: 3101, college algebra)

13200 002 LEC, 12:00-13:15 MW, Twin Cities Remote, Completely Online; Fawnda Norman ; 3 cr.

5021 Algebraic Structures in School Mathematics

(Student Option; Prereq: Tchg exper or instr consent)

13368 001 LEC, 07:00-08:00 MTWThF, No Room Required, In Person Term Based; Erin Baldinger ; 3 cr.

5115 Applications of Teaching Mathematics

(A-F only; Prereq: You must be enrolled in the Mathematics initial licensure program to take this course.)

13217 001 FWK, Completely Online; Megan Parise ; 3 cr.

5314 Teaching and Learning Mathematics

(Student Option; Prereq: Math Ed or MEd or CI MEd or grad student or instr consent)

12786 001 LEC, 16:40-19:20 M, Twin Cities Remote, Completely Online; Erin Baldinger ; 3 cr.

5355 Mathematics for Diverse Learners

(Student Option; Prereq: Teaching license or student in elem ed or special ed or instr consent)

13426 001 LEC, 16:40-19:20 Th, Twin Cities Remote, Completely Online; Terrence Wyberg ; 3 cr.

13447 002 LEC, 08:45-11:25 Th, Twin Cities Remote, Completely Online; Terrence Wyberg ; 3 cr.

5993 Directed Studies in Mathematics Education

(S-N or Audit; Prereq: Math ed MEd student, instr consent)

12091 001 IND, Independent/Directed Study; 2 cr.

Mechanical Engineering (ME)

2011 Introduction to Engineering

(A-F or Audit; Prereq: CSE lower div)

21473 001 LEC, 14:30-16:25 M, Twin Cities Remote, Completely Online; William Durfee ; 4 cr.

21474 003 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; William Durfee ; 4 cr.

21475 004 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; William Durfee ; 4 cr.

21476 005 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; William Durfee ; 4 cr.

21477 006 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; William Durfee ; 4 cr.

21478 008 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; William Durfee ; 4 cr.

22883 010 DIS, 08:00-09:55 W, Twin Cities Remote, Completely Online; William Durfee ; 4 cr.

23413 011 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; William Durfee ; 4 cr.

33117 002 DIS, 14:30-16:25 W, Twin Cities Remote, Completely Online; William Durfee ; 4 cr.

3041 Industrial Assignment I

(A-F only; Prereq: ME upper div, enrolled in ME co-op program)

21152 001 FWK, 00:00-00:00 , No Room Required, In Person Term Based; Frank Kelso ; 2 cr.

3221 Fundamentals of Design & Manufacturing

(A-F or Audit; Prereq: 2011, AEM 3031, MatS 2001)

21108 001 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Susan Mantell ; 4 cr.

21109 003 LAB, 08:00-09:55 T, , Partially Online; Thomas Chase ; 4 cr.

21110 004 LAB, 10:10-12:05 T, , Partially Online; Thomas Chase ; 4 cr.

21111 005 LAB, 12:20-14:15 T, , Partially Online; Thomas Chase ; 4 cr.

21112 006 LAB, 14:30-16:25 T, , Partially Online; Thomas Chase ; 4 cr.

21113 007 LAB, 08:00-09:55 W, , Partially Online; Thomas Chase ; 4 cr.

21114 008 LAB, 10:10-12:05 W, , Partially Online; Thomas Chase ; 4 cr.

21115 009 LAB, 14:30-16:25 W, , Partially Online; Thomas Chase ; 4 cr.

21116 010 LAB, 08:00-09:55 Th, , Partially Online; Thomas Chase ; 4 cr.

21258 011 LAB, 10:10-12:05 Th, , Partially Online; Thomas Chase ; 4 cr.

21259 012 LAB, 12:20-14:15 Th, , Partially Online; Thomas Chase ; 4 cr.

21279 013 LAB, 14:30-16:25 Th, , Partially Online; Thomas Chase ; 4 cr.

21438 016 DIS, 08:00-09:55 M, Twin Cities Remote, Completely Online; Thomas Chase, Susan Mantell ; 4 cr.

21439 017 DIS, 10:10-12:05 M, Twin Cities Remote, Completely Online; Thomas Chase, Susan Mantell ; 4 cr.

21440 018 DIS, 16:40-18:35 W, Twin Cities Remote, Completely Online; Thomas Chase, Susan Mantell ; 4 cr.

21441 019 DIS, 16:40-18:35 Th, Twin Cities Remote, Completely Online; Thomas Chase, Susan Mantell ; 4 cr.

22899 021 LAB, 16:40-18:35 T, , Partially Online; Thomas Chase ; 4 cr.

22900 022 LAB, 15:35-17:30 F, , Partially Online; Thomas Chase ; 4 cr.

33120 015 LAB, 16:40-18:35 Th, , Partially Online; Thomas Chase ; 4 cr.

33121 020 LAB, 10:10-12:05 F, , Partially Online; Thomas Chase ; 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])

22388 001 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Frank Kelso ; 4 cr.

22565 002 DIS, 14:30-16:25 T, Twin Cities Remote, Completely Online; Frank Kelso ; 4 cr.

22566 003 DIS, 12:20-14:15 W, Twin Cities Remote, Completely Online; Frank Kelso ; 4 cr.

22567 004 DIS, 14:30-16:25 Th, Twin Cities Remote, Completely Online; Frank Kelso ; 4 cr.

3281 System Dynamics and Control

(A-F or Audit; Prereq: AEM 2021, [Math 2243 or Math 2373], ME upper div)

21117 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Kim Stelson ; 4 cr.

21118 002 DIS, 12:20-14:15 T, Twin Cities Remote, Completely Online; Kim Stelson ; 4 cr.

21119 003 DIS, 14:30-16:25 T, Twin Cities Remote, Completely Online; Kim Stelson ; 4 cr.

3324 Introduction to Thermal Science

(A-F or Audit; Prereq: Chem 1061, Chem 1065, Math 2243 or Math 2373, Phys 1301, [CSE student])

21479 001 LEC, 12:20-13:10 MWThF, Twin Cities Remote, Completely Online; Traian Dumitrica ; 3 cr.

3331 Thermodynamics

(A-F only; Prereq: Chem 1061, Chem 1065, Phys 1301)

22392 003 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Uwe Kortshagen ; 3 cr.

22393 004 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; Uwe Kortshagen ; 3 cr.

3332 Fluid Mechanics

(A-F only; Prereq: Math 2243 or Math 2373, 3331)

22053 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Vinod Srinivasan ; 3 cr.

22775 003 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; Vinod Srinivasan ; 3 cr.

23240 008 DIS, 12:20-13:10 Th, Twin Cities Remote, Completely Online; Sungyon Lee ; 3 cr.

23241 007 LEC, 12:20-13:10 MWF, ONLINE BLENDED, 12:20-13:10 MWF, Akerman Hall 319, Partially Online; Sungyon Lee ; 3 cr.

3333 Heat Transfer

(A-F only; Prereq: 3332)

22126 001 LEC, 08:00-08:50 MWF, Twin Cities Remote, Completely Online; Yun Chen ; 3 cr.

22564 002 DIS, 09:05-09:55 M, Tate Hall 101, Partially Online; Yun Chen ; 3 cr.

3990 Curricular Practical Training

(S-N only; Prereq: ME major)

22992 001 FWK, 00:00-00:00 , , Independent/Directed Study; Frank Kelso ; 1 cr.

4031W Basic Mechanical Measurements Laboratory

(A-F or Audit; Prereq: IE 4521, upper div MEWI)

21220 001 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Ognjen Ilic ; 4 cr.

21464 003 LAB, 10:10-13:10 T, Twin Cities Remote, Completely Online; Ognjen Ilic ; 4 cr.

21465 005 LAB, 10:10-13:10 Th, Twin Cities Remote, Completely Online; Ognjen Ilic ; 4 cr.

21466 007 LAB, 13:25-16:25 M, Twin Cities Remote, Completely Online; Ognjen Ilic ; 4 cr.

21467 008 LAB, 13:25-16:25 T, Twin Cities Remote, Completely Online; Ognjen Ilic ; 4 cr.

21468 010 LAB, 13:25-16:25 Th, Twin Cities Remote, Completely Online; Ognjen Ilic ; 4 cr.

21470 013 LAB, 16:40-19:40 T, Twin Cities Remote, Completely Online; Ognjen Ilic ; 4 cr.

21471 014 LAB, 16:40-19:40 W, Twin Cities Remote, Completely Online; Ognjen Ilic ; 4 cr.

22495 016 LAB, 16:40-19:40 Th, Twin Cities Remote, Completely Online; Ognjen Ilic ; 4 cr.

4043W Industrial Assignment II

(A-F only; Prereq: 3041W1)

21153 001 FWK, 00:00-00:00 , No Room Required, 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)

22270 001 FWK, 00:00-00:00 , , In Person Term Based; Frank Kelso ; 2 cr.

4053 Mechanical Engineering Modeling

(Student Option;)

23450 001 LEC, 10:10-12:05 TTh, Twin Cities Remote,
Completely Online; Frank Kelso, Alptekin Aksan ; 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 divW)

21135 001 LEC, 16:00-17:30 T, Twin Cities Remote,
Completely Online; James Van De Ven ; 4 cr.

21136 002 DIS, 14:30-15:45 TTh, Bruininks Hall 412,
16:00-17:30 Th, Bruininks Hall 412, Partially Online;
James Van De Ven ; 4 cr.

4081H Mechanical Engineering Honors Thesis I

(A-F or Audit; Prereq: ME upper div honors student, instr consent)

21223 001 IND, 00:00-00:00 , , In Person Term Based; Perry Li ; 2 cr.

23485 002 IND, 00:00-00:00 , , In Person Term Based; 2 cr.

23491 003 IND, In Person Term Based; 2 cr.

23509 004 IND, In Person Term Based; 2 cr.

23528 005 IND, In Person Term Based; 2 cr.

4082H Mechanical Engineering Honors Thesis II

(A-F or Audit; Prereq: ME upper div honors student, instr consentW)

21224 001 IND, 00:00-00:00 , , In Person Term Based;
Arthur Erdman ; 2 cr.

23487 002 IND, In Person Term Based; 2 cr.

4090 Advanced Engineering Problems

(Student Option; Prereq: ME upper div, instr consent)

21219 001 IND, 00:00-00:00 , , In Person Term Based; Matt Anderson, Paul Strykowski ; 2-4 cr.

22128 002 IND, 00:00-00:00 , , In Person Term Based; Kim Stelson ; 2-4 cr.

23520 003 IND, In Person Term Based; 2-4 cr.

23533 004 IND, In Person Term Based; 2-4 cr.

4131W Thermal Environmental Engineering Laboratory

(A-F or Audit; Prereq: 3332, 3333, 4031W, [ME upper div or grad student]W)

22769 001 LEC, 09:05-09:55 F, Twin Cities Remote,
Completely Online; Chris Hogan ; 4 cr.

22770 005 LAB, 13:25-16:25 F, , Partially Online; Chris Hogan ; 4 cr.

22771 004 LAB, 10:10-13:10 F, , Partially Online; Chris Hogan ; 4 cr.

22772 003 LAB, 09:05-12:05 Th, , Partially Online; Chris Hogan ; 4 cr.

22773 002 LAB, 13:25-16:25 M, , Partially Online; Chris Hogan ; 4 cr.

22774 006 LAB, 10:10-13:10 W, , Partially Online; Chris Hogan ; 4 cr.

34531 007 LAB, 09:05-12:05 T, , Partially Online; Chris Hogan ; 4 cr.

4231 Motion Control Laboratory

(A-F or Audit; Prereq: 3281, 4031W, ME upper div)

21120 001 LEC, 13:25-15:20 F, Twin Cities Remote,
Completely Online; Rajesh Rajamani ; 4 cr.

21121 002 LAB, 09:05-12:05 T, , Partially Online; Rajesh Rajamani ; 4 cr.

21122 003 LAB, 09:05-12:05 W, , Partially Online; Rajesh Rajamani ; 4 cr.

21123 004 LAB, 14:30-17:30 W, , Partially Online; Rajesh Rajamani ; 4 cr.

21124 005 LAB, 09:05-12:05 Th, , Partially Online; Rajesh Rajamani ; 4 cr.

21125 006 LAB, 09:05-12:05 M, , Partially Online; Rajesh Rajamani ; 4 cr.

21126 007 LAB, 14:30-17:30 M, , Partially Online; Rajesh Rajamani ; 4 cr.

4431W Energy Conversion Systems Laboratory

(A-F or Audit; Prereq: 3333, 4031W, [ME upper div or grad student]W)

23605 001 LEC, 12:20-13:10 MW, Twin Cities Remote,
Completely Online; William Northrop ; 4 cr.

23606 002 LAB, 13:25-16:25 W, Twin Cities Remote,
Completely Online; William Northrop ; 4 cr.

23640 005 LAB, 13:25-16:25 M, Twin Cities Remote,
Completely Online; William Northrop ; 4 cr.

23641 006 LAB, 09:05-12:05 T, Twin Cities Remote,
Completely Online; William Northrop ; 4 cr.

34530 007 LAB, 13:25-16:25 Th, Twin Cities Remote,
Completely Online; William Northrop ; 4 cr.

5133 Aerosol Measurement Laboratory

(A-F or Audit; Prereq: CSE upper div or graduate student)

33177 001 LAB, 08:00-09:55 MW, , In Person Term Based;
David Pui ; 4 cr.

5223 Materials in Design

(Student Option; Prereq: 3221, ME upper division or grad student)

23074 001 LEC, 13:25-15:20 MW, Twin Cities Remote,
Completely Online; Michael McAlpine ; 4 cr.

5228 Introduction to Finite Element Modeling, Analysis, and Design

(A-F or Audit; Prereq: CSE upper div or grad, 3221, AEM 3031, CSci 1113, Mats 2001)

21128 001 LEC, 15:35-17:30 MW, Twin Cities Remote,
Completely Online; Kumar Tamma ; 4 cr.

5281 Feedback Control Systems

(Student Option; Prereq: 3281)

22055 001 LEC, 08:00-09:55 MW, Twin Cities Remote,
Completely Online; Timothy Kowalewski ; 4 cr.

5312 Solar Thermal Technologies

(A-F or Audit; Prereq: [3333, CSE upper Div] or grad student)

33178 001 LEC, 12:20-14:15 TTh, ONLINE BLENDED,
12:20-14:15 TTh, Bruininks Hall 230, Partially Online;
Natasha Wright ; 4 cr.

5332 Intermediate Fluid Mechanics

(Student Option; Prereq: 3332 or equiv, CSE upper division or graduate student.)

23171 001 LEC, 08:15-09:30 TTh, Twin Cities Remote,
Completely Online; Jiarong Hong ; 3 cr.

5344 Thermodynamics of Fluid Flow With Applications

(A-F or Audit; Prereq: 3333, CSE upper div or grad student)

33598 001 LEC, 10:10-12:05 MW, Twin Cities Remote,
Completely Online; Matt Anderson ; 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)

33180 001 LEC, 13:25-15:20 MW, Twin Cities Remote,
Completely Online; David Kittelson ; 4 cr.

Medical Device Innovation (MDI)

5004 Clinical Foundations of Medical Device Innovation

(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.)

31661 001 LEC, 17:30-21:30 W, , 17:30-21:30 W, ,
17:30-21:30 W, , 17:30-21:30 W, , 17:30-21:30 W, ,
17:30-21:30 MW, , Partially Online; Lars Oddsson ; 3 cr.

5010 Product Innovation & Development Management

(A-F only; Prereq: Grad MDI student. Non-MDI graduate students and non-degree graduate students may register for this course with permission of the MDI program.)

31662 001 LEC, 17:30-21:30 M, , Partially Online; Steve Webster ; 3 cr.

5050 Interpersonal & Team Effectiveness

(A-F only; Prereq: Grad MDI student)

31663 001 LEC, 17:30-21:30 W, , 17:30-21:30 W, ,
17:30-21:30 W, , 17:30-21:30 W, , Partially Online; Kirk Froggatt ; 1 cr.

Medical Industry Leadrshp Inst (MILI)

3585 Navigating the Healthcare Marketplace with Economic, Social and Policy Lenses

(A-F only; SOCS)

19529 001 LEC, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; Pinar Karaca Mandic ; 3 cr.

5995 Medical Industry Valuation Laboratory

(A-F only; Prereq: instr consent)

19202 001 LEC, 17:45-19:30 Th, Carlson School of Mgmt
1-114, In Person Term Based; Meets With: 060 MILI
6995001 MILI 6996; Michael Finch, Matthew Stoll ; 2 cr.

5999 Independent Study

(A-F Only;)

19203 001 IND, 00:00-00:00 , , In Person Term Based; 1-8 cr.

Medical Laboratory Sciences Pr (MLSP)

1010 Introduction to Medical Laboratory Science

(S-N only;)

26982 001 LEC, 00:00-00:00 , ONLINE, Completely Online;
Charlotte Romain ; 1 cr.

5012 Foundations in Interprofessional Communication and Collaboration

(A-F only; Prereq: Admission into MLS Program)

26990 001 LEC, Completely Online; Janice Conway-Klaassen ; 1 cr.

5013 Scholarly Inquiry and Analysis in Medical Laboratory Sciences

(A-F only;)

26976 001 LEC, 00:00-00:00 , ONLINE, Completely Online;
Charlotte Romain, Nicole Zahnle ; 1 cr.

5013H Scholarly Inquiry and Analysis in Medical Laboratory Sciences - Honors

(A-F only;)

27024 001 LEC, Completely Online; Nicole Zahnle, Stephen Wiesner, Charlotte Romain ; 2 cr.

5014W Laboratory Operations and Management in Health Care Systems

(A-F only; Prereq: Admission into MLS program or instr consentW)

26983 001 LEC, 00:00-00:00 , ONLINE, Completely Online;
Donna Spannaus-Martin, Andrew Yue ; 2 cr.

5111 Concepts of Diagnostic Microbiology

(A-F only; Prereq: [MICB 3301 or equivalent], [BIOC 3021 Biochemistry or equivalent] or instr consent)

26977 001 LEC, 09:05-11:00 M, Twin Cities Remote,
Completely Online; Meets With: 001 MLSP 6111; Lorna Ruskin ; 3 cr.

5112 Application of Diagnostic Microbiology Principles

(A-F only;)

26978 001 LAB, 09:00-12:00 TTh, Molecular Cellular Biol
3-150, In Person Term Based; Lorna Ruskin, Hannah Gartzke, Nicole Zahnle ; 2 cr.

26991 002 LAB, 13:00-16:00 TTh, Molecular Cellular Biol
3-150, In Person Term Based; Lorna Ruskin, Hannah Gartzke, Nicole Zahnle ; 2 cr.

26994 003 LAB, 13:00-16:00 TTh, Molecular Cellular Biol
3-150, In Person Term Based; Lorna Ruskin, Hannah Gartzke, Nicole Zahnle ; 2 cr.

5211 Fundamentals in Hematology and Hemostasis

(A-F only; Prereq: PHSL 3051 or instr consent)

26979 001 LEC, 11:15-13:10 M, Twin Cities Remote,
Completely Online; Meets With: 001 MLSP 6211; Stephen Wiesner ; 3 cr.

5212 Application of Hematology & Hemostasis Principles

(A-F only; Prereq: concurrent registration is required (or allowed) in 5211)

26980 001 LAB, 08:30-11:30 W, Molecular Cellular Biol
3-150, In Person Term Based; Stephen Wiesner ; 1 cr.

26992 003 LAB, 12:30-15:30 W, Molecular Cellular Biol
3-150, In Person Term Based; Stephen Wiesner ; 1 cr.

26995 002 LAB, 12:30-15:30 W, Molecular Cellular Biol
3-150, In Person Term Based; Stephen Wiesner ; 1 cr.

5313 Chemical Analysis in Health and Disease

(A-F only; Prereq: 8 credits General Chemistry, 6 credits Organic Chemistry, 3 credits Biochemistry)

26993 001 LEC, 14:00-16:00 M, Twin Cities Remote,
Completely Online; Meets With: 001 MLSP 6313; Donna Spannaus-Martin ; 3 cr.

5511 Principles of Immunobiology

(A-F only; Prereq: PHSL 3051 or instr consent)
26981 001 LEC, 10:10-11:45 W, Twin Cities Remote,
Completely Online; Michelle Henry-Stanley ; 3 cr.

5701 Clinical Experience in Microbiology

(S-N only; Prereq: Advanced standing in MLS program)
26984 001 ROT, In Person Term Based; Tami Alpaugh,
Lorna Ruskin ; 2 cr.

5702 Clinical Experience in Hematology and Hemostasis

(S-N only; Prereq: Advanced standing in MLS program)
26986 001 ROT, In Person Term Based; Tami Alpaugh,
Stephen Wiesner ; 2 cr.

5703 Clinical Experience in Clinical Chemistry and Urinalysis

(S-N only; Prereq: Advanced standing in MLS program)
26985 001 ROT, In Person Term Based; Donna Spannaus-
Martin, Tami Alpaugh ; 2 cr.

5704 Clinical Experience in Transfusion Medicine

(S-N only; Prereq: Advanced standing in MLS program)
26987 001 ROT, In Person Term Based; Andrew Yue, Tami
Alpaugh, Michelle Henry-Stanley ; 2 cr.

5801 Advanced Practicum Experience in Specialty Disciplines

(S-N only; Prereq: Advanced standing in MLS program)
26989 001 LEC, Online & Distance Lrng (ODL); Tami
Alpaugh ; 1 cr.

Medical Physics (MPHY)**5138 Research Seminar**

(S-N or Audit;)
24834 001 LEC, 12:00-13:00 F, , In Person Term Based;
Parham Alaei ; 1-5 cr.

5160 Advanced Radiation Physics and Dosimetry

(A-F only;)
25373 001 LEC, 13:00-14:15 MW, , In Person Term Based;
Eric Ehler ; 3 cr.

5170 Basic Radiological Physics

(Student Option; Prereq: instr consent)
24835 001 LEC, 16:00-17:15 TTh, Phillips-Wangenstein
1-256, In Person Term Based; Yoichi Watanabe ; 3 cr.

5171 Medical and Health Physics of Imaging I

(Student Option; Prereq: 5170 or instr consent)
25208 001 LEC, 14:30-15:45 MW, , In Person Term Based;
Ngoneh Jallow, Farhad Jafari ; 3 cr.

5172 Radiation Biology

(Student Option; Prereq: 5170 or instr consent)
25374 001 LEC, 07:30-08:45 Th, Moos Health Sci Tower
2-580, 16:00-17:15 M, Moos Health Sci Tower 2-580, In
Person Term Based; Jianling Yuan, Lindsey Sloan, Jianling
Yuan ; 3 cr.

Medieval Studies (MEST)**3993 Directed Studies in Medieval Studies**

(Student Option; Prereq: Previous work in a medieval
studies discipline, instr consent)
14837 001 IND, Independent/Directed Study; 1-3 cr.

5993 Directed Studies in Medieval Studies

(Student Option; Prereq: One yr work in some area
of Middle Ages, reading knowledge of appropriate
language, instr consent)
13600 001 IND, In Person Term Based; 1-3 cr.

Microbiol/Immun/Cancer Biology (MICA)**5000 Practicum: Teaching**

(No Grade Associated;)
24549 001 FWK, 00:00-00:00 , No Room Required, In
Person Term Based; 0 cr.

Microbiology (MICB)**3301 Biology of Microorganisms**

(A-F only; Prereq: BIOL 3020 or BIOC 3021 or GCD
3022 or instructor consent (biochemistry/molecular
biology background coursework))
11847 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 MICB 3303; Christian
Mohr ; 5 cr.
11848 002 LAB, 09:05-11:00 TTh, Moos Health Sci Tower
2-242, Partially Online; Christian Mohr ; 5 cr.
11849 003 LAB, 12:20-14:15 WF, Moos Health Sci Tower
2-242, Partially Online; Christian Mohr ; 5 cr.

3302 Biology of Microorganisms Laboratory

(A-F only;)
35660 001 LAB, 09:05-11:00 TTh, AHC ROOM TBA, Partially
Online; Christian Mohr ; 2 cr.
35661 002 LAB, 12:20-14:15 WF, AHC ROOM TBA, Partially
Online; Christian Mohr, Cody Smith ; 2 cr.

3303 Biology of Microorganisms

(A-F only; Prereq: BIOL 3020 or Biochemistry (BIOC
3021) or instructor consent)
11603 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 MICB 3301; Christian
Mohr ; 3 cr.

4131 Immunology

(Student Option; Prereqs: microbiology, biochemistry,
cell biology)
11555 001 LEC, 14:30-15:20 MWF, Twin Cities Remote,
Completely Online; Vaiva Vezys, Ryan Langlois ; 3 cr.

4161W Eukaryotic Microbiology

(A-F only; Prereq: 3301, [GCD 3022 or Biol 4003]WI)
11561 001 LEC, 13:25-14:15 MWF, ONLINE BLENDED,
Primarily Online; Dana Davis ; 3 cr.

4215 Advanced Laboratory: Microbial Physiology and Diversity

(A-F or Audit; Prereq: 3301 or Biol 2032 or VBS 2032 or
intro microbiology course with lab)
11556 001 LAB, 12:20-15:20 TTh, Twin Cities Remote,
Completely Online; Sandra Armstrong ; 3 cr.

4225W Advanced Laboratory: Microbial Genetics

(A-F only; Prereq: 3301, BIOL 4003WI)
11581 001 LAB, 09:00-12:00 WF, Twin Cities Remote,
Completely Online; Kirsten Nielsen, Anna Selmecki ; 3 cr.

4793W Directed Studies: Writing Intensive

(S-N only; Prereq: department consent, instructor
consent, no more than 7 credits of 4793, 4794, 4993W,
4994W counts towards CBS major requirements. WI)
11557 001 IND, 00:00-00:00 , In Person Term Based; Leslie
Schiff ; 1-7 cr.

4794W Directed Research: Writing Intensive

(S-N only; Prereq: department consent, instructor
consent, no more than 7 credits of 4793, 4794, 4993W,
4994W counts towards CBS major requirements. WI)
11558 001 IND, 00:00-00:00 , In Person Term Based; Leslie
Schiff ; 1-7 cr.

4993 Directed Studies

(S-N only; Prereq: department consent, instructor
consent, no more than 7 credits of 4793, 4794, 4993W,
4994W counts towards CBS major requirements.)
11559 001 IND, 00:00-00:00 , In Person Term Based; Leslie
Schiff ; 1-7 cr.

4994 Directed Research

(S-N only; Prereq: department consent, instructor
consent, no more than 7 credits of 4793, 4794, 4993W,
4994W counts towards CBS major requirements.)
11560 001 IND, 00:00-00:00 , In Person Term Based; Leslie
Schiff ; 1-7 cr.

Military Science (MIL)**1003 Military Science I Leadership Lab**

(A-F only; Prereq: concurrent registration is required
(or allowed) in 1201)
26844 001 LEC, 06:30-07:30 MWF, Armory Building 100,
16:30-18:30 W, Armory Building 100, 16:30-18:30 W,

Armory Building 100, 16:30-18:30 W, Armory Building
100, 16:30-18:30 W, Armory Building 100, 16:30-18:30
W, Armory Building 100, 16:30-18:30 W, Armory Building
100, 16:30-18:30 W, Armory Building 100, In Person Term
Based; Meets With: 001 MIL 103001 MIL 203001 MIL
1203; John Wilson, Jonathan DeGreeff, Brook Vance ; 1
cr.

1101 Introduction to the Army and Critical Thinking

(A-F only;)
26851 001 LEC, 09:05-09:55 W, Armory Building 116A, In
Person Term Based; Jonathan DeGreeff ; 1 cr.
26852 002 LEC, 13:25-14:15 W, Armory Building 116A, In
Person Term Based; Jonathan DeGreeff ; 1 cr.

1201 Leadership and Decision Making

(A-F only; Prereq: concurrent registration is required
(or allowed) in lab)
26853 001 LEC, 08:00-08:50 WM, Armory Building 116, In
Person Term Based; John Wilson, Brook Vance ; 2 cr.
26854 002 LEC, 13:25-14:15 MW, Armory Building 202, In
Person Term Based; John Wilson, Brook Vance ; 2 cr.

1203 MS II One Credit Lead Lab

(A-F only; Prereq: concurrent registration is required
(or allowed) in 1201)
26865 001 LAB, 06:30-07:30 MWF, Armory Building 100,
16:30-18:30 W, Armory Building 100, 16:30-18:30 W,
Armory Building 100, 16:30-18:30 W, Armory Building
100, 16:30-18:30 W, Armory Building 100, 16:30-18:30
W, Armory Building 100, 16:30-18:30 W, Armory Building
100, 16:30-18:30 W, Armory Building 100, In Person Term
Based; Meets With: 001 MIL 1003001 MIL 103001 MIL
203; John Wilson, Jonathan DeGreeff, Brook Vance ; 1 cr.

3301 Training Management and Warfighting Functions

(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)
26855 001 LEC, 08:00-08:50 MWF, 10 Church Street SE
100, In Person Term Based; Jason Benjamin, Andrew
Addis ; 3 cr.

3303 MS III One Credit Lead Lab

(A-F only; Prereq: Completion of basic courses,
concurrent registration is required (or allowed) in 3301)
26867 001 LAB, 06:30-07:30 MWF, , 16:30-18:30 W, ,
16:30-18:30 W, , 16:30-18:30 W, , 16:30-18:30 W, ,
16:30-18:30 W, , 16:30-18:30 W, , 16:30-18:30 W, , In
Person Term Based; Meets With: 001 MIL 303; Travis
Baldrige, Troy Hill ; 1 cr.

3401 The Army Officer

(A-F only; Prereq: Completed all other military courses
or Army equiv, concurrent registration is required (or
allowed) in lab)
26856 001 LEC, 08:00-08:50 MWF, Rapson Hall 100, In
Person Term Based; Melissa Hoaglin ; 3 cr.

3403 MS IV One Credit Lead Lab

(A-F only; Prereq: Completion of basic courses,
concurrent registration is required (or allowed) in 3401)
26866 001 LAB, 06:30-07:30 MWF, Armory Building 100,
16:30-18:30 W, Armory Building 100, 16:30-18:30 W,
Armory Building 100, 16:30-18:30 W, Armory Building
100, 16:30-18:30 W, Armory Building 100, 16:30-18:30
W, Armory Building 100, 16:30-18:30 W, Armory Building
100, 16:30-18:30 W, Armory Building 100, In Person Term
Based; Meets With: 001 MIL 403; Melissa Hoaglin ; 1 cr.

3970 Military History

(A-F only;)
26934 003 LEC, 16:00-18:30 M, Armory Building 116A, In
Person Term Based; Matthew Cordell ; 3 cr.

Mortuary Science (MORT)**2171 Introductory Anatomy**

(A-F only;)
25504 001 LEC, 09:00-11:30 Th, Twin Cities Remote,
Completely Online; Michael Mathews ; 3 cr.

3012W Organization and Management of Funeral Business

(A-F only; Prerequisites: Diversified Core Mathematical
Thinking, ACCT 2050: Introduction to Financial
ReportingWI)
34229 001 LEC, 12:30-15:00 T, Twin Cities Remote,
Completely Online; Carrie McGhee ; 3 cr.

3014 Funeral Service Rules and Regulations

(A-F only;)
24601 001 LEC, 12:00-13:40 Th, Twin Cities Remote, Completely Online; Michael Mathews ; 2 cr.

3018 Funeral Service Practice I

(A-F only;)
24632 001 LEC, 09:00-11:30 W, Twin Cities Remote, Completely Online; Michael Mathews ; 3 cr.

3021W Funeral Service Psychology and Arrangements Theory

(A-F only; Prerequisites: WRIT 1301, PSY 1001, COMM 3401 or COMM 3402W)
24578 001 LEC, 09:00-11:30 T, Twin Cities Remote, Completely Online; Carrie McGhee ; 3 cr.

3025 Business Law

(A-F only;)
24429 001 LEC, 16:30-19:00 T, Twin Cities Remote, Completely Online; Doug Meslow ; 3 cr.

3048 Microbiology and Pathology for Funeral Service

(A-F only;)
24830 001 LEC, 13:00-15:00 MW, Twin Cities Remote, Completely Online; Michael Mathews ; 4 cr.

3051 Restorative Art

(A-F only; Prerequisites: MORT 2171 Introductory Human Anatomy; MORT 3171 Human Anatomy Laboratory)
24430 001 LEC, 12:30-14:10 M, Jackson Hall 2-121, Partially Online; Michael LuBrant ; 2 cr.

3061 Embalming Theory

(A-F only; Prerequisites: MORT 2171 Introductory Human Anatomy; MORT 3171 Human Anatomy Laboratory)
24432 001 LEC, 09:00-11:30 M, Jackson Hall 2-121, Partially Online; Michael LuBrant ; 3 cr.

3065 Embalming Chemistry

(A-F only;)
24839 001 LEC, 10:30-12:10 M, Twin Cities Remote, Completely Online; Michael Mathews ; 2 cr.

3151 Restorative Art Laboratory

(A-F only;)
24431 001 LAB, 09:00-12:00 Th, Jackson Hall 5-125A, In Person Term Based; Timothy Tarmann ; 1 cr.
33414 002 LAB, 13:00-16:00 Th, Jackson Hall 5-125A, In Person Term Based; Timothy Tarmann ; 1 cr.

3161 Embalming Laboratory

(A-F only;)
24433 001 LAB, 09:00-12:00 W, Jackson Hall 5-125A, In Person Term Based; Timothy Tarmann ; 1 cr.
33416 002 LAB, 13:00-16:00 W, Jackson Hall 5-125A, In Person Term Based; Timothy Tarmann ; 1 cr.

3171 Human Anatomy Laboratory

(A-F or Audit; Prerequisites: MORT 2171; PHAR 1002: Medical Terminology)
24784 001 LEC, 09:00-09:50 M, Jackson Hall 2-125, In Person Term Based; Michael LuBrant ; 2 cr.
24785 002 LAB, 10:00-12:00 M, Jackson Hall 5-125A, In Person Term Based; Michael LuBrant ; 2 cr.

3371 Death, Dying and Bereavement Across Cultures and Religions

(A-F only;)
24648 001 LEC, 12:30-15:00 W, Twin Cities Remote, Completely Online; 3 cr.

3379 Clinical Funeral Service Rotation

(A-F only; Prerequisites: MORT 3051; 3061; 3151; 3161)
24559 001 ROT, 15:30-17:30 T, Jackson Hall 5-125A, In Person Term Based; Carrie McGhee, Michael LuBrant ; 1-6 cr.

Multidisciplinary Studies (MDS)**3001W Introduction to Multidisciplinary Studies**

(A-F only; Prereq: Admitted to multidisciplinary studiesW)
26574 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)
26659 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Lisa Garrett ; 1 cr.

3201 Project Registration 1

(A-F only; Prereq: 3001W, MdS major, C- or above in 3101, approved project proposal, permission number, basic computer and internet skills)
26660 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Lisa Garrett ; 3 cr.

3202 Project Registration 2

(A-F only; Prereq: 3001W, MdS major status, C- or above 3101, approved project proposal, permission number, basic computer/internet skills)
26675 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Lisa Garrett ; 3 cr.

3203 Project Registration 3

(A-F only; Prereq: 3001W, MdS major, C- or above 3101, approved project proposal, permission number, basic computer/internet skills)
26676 301 LEC, 00:00-00:00 , ONLINE, Completely Online; Lisa Garrett ; 3 cr.

Museum Studies (MST)**5020 Internship**

(S-N or Audit; Prereq: 5011, 5012, dept consent)
11149 001 FWK, Independent/Directed Study; Lin Nelson-Mayson ; 1-6 cr.

Music (MUS)**1013 Rock I: The Historical Origins and Development of Rock Music to 1970**

(A-F or Audit; AH,DSJ)
16663 301 LEC, Completely Online; Miranda Smith ; 3 cr.
17127 302 LEC, Completely Online; Jordan Goebel ; 3 cr.
17313 303 LEC, Completely Online; Nikola Korovljev ; 3 cr.
17314 304 LEC, Completely Online; Sarah Weisbrod ; 3 cr.
17424 305 LEC, Completely Online; Cixian Lu ; 3 cr.
18229 306 LEC, Completely Online; Michael Min ; 3 cr.
18244 307 LEC, Completely Online; Dakota Hall ; 3 cr.
18253 308 LEC, Completely Online; Momcilo Aleksandric ; 3 cr.
34197 309 LEC, Completely Online; Ryan Picone ; 3 cr.
34198 310 LEC, Completely Online; Samantha Martinez-Brockhus ; 3 cr.
34199 311 LEC, Completely Online; Cong Liu ; 3 cr.

1014 Rock II: Rock Music from 1970 to the Present

(Student Option; AH,DSJ)
16606 001 LEC, Completely Online; jeffrey hanson ; 3 cr.
16607 002 DIS, Completely Online; William Neace ; 3 cr.
16608 003 DIS, Completely Online; William Neace ; 3 cr.
16609 004 DIS, Completely Online; Christopher Rochester ; 3 cr.
16610 005 DIS, Completely Online; Christopher Rochester ; 3 cr.
16611 006 DIS, Completely Online; Manjing Zhang ; 3 cr.
16612 007 DIS, Completely Online; Manjing Zhang ; 3 cr.
16613 008 DIS, Completely Online; Anne Briggs ; 3 cr.
16614 009 DIS, Completely Online; Anne Briggs ; 3 cr.
16615 010 DIS, Completely Online; 3 cr.
16616 011 DIS, Completely Online; 3 cr.
16617 012 DIS, Completely Online; 3 cr.
16618 013 DIS, Completely Online; 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)
16664 301 LEC, Completely Online; Gian Afrisando Pujakusuma ; 4 cr.
18162 302 LEC, Completely Online; Leyna Papach ; 4 cr.

1021 Introduction to Music

(Student Option; AH)
14453 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Meets With: 001 MUS 3021; Andrew Stoebig ; 3 cr.

1051 Class Piano for Nonmusic Majors I

(Student Option No Audit;)
13608 001 LEC, 09:05-09:55 MW, Ferguson Hall 265, In Person Term Based; Yu-An Chen ; 2 cr.

13609 002 LEC, 13:25-14:15 MW, Ferguson Hall 265, In Person Term Based; Amos Lucidi ; 2 cr.
13610 003 LEC, 14:30-15:20 MW, Ferguson Hall 265, In Person Term Based; Amos Lucidi ; 2 cr.
13611 005 LEC, 16:40-17:30 MW, Ferguson Hall 265, In Person Term Based; Zhengwen Zhang ; 2 cr.
13612 007 LEC, 13:25-14:15 TTh, Ferguson Hall 265, In Person Term Based; Koki Sato ; 2 cr.
13613 008 LEC, 15:35-16:25 TTh, Ferguson Hall 265, In Person Term Based; Kevin Hobbs ; 2 cr.
13614 009 LEC, 16:40-17:30 TTh, Ferguson Hall 265, In Person Term Based; Kevin Hobbs ; 2 cr.
14426 006 LEC, 09:05-09:55 TTh, Ferguson Hall 265, In Person Term Based; Juhee Park ; 2 cr.
14433 004 LEC, 15:35-16:25 MW, Ferguson Hall 265, In Person Term Based; Zhengwen Zhang ; 2 cr.
16640 010 LEC, 17:45-18:35 TTh, Ferguson Hall 265, In Person Term Based; Michael Min ; 2 cr.

1052 Class Piano for Non Music Majors II

(Student Option No Audit;)
14582 001 LEC, 14:30-15:20 TTh, Ferguson Hall 265, In Person Term Based; Michael Min ; 2 cr.

1151 Piano: Class Lessons I

(A-F or Audit; Prereq: undergraduate music major or music minor status.)
13617 001 LEC, 10:10-11:00 MW, Ferguson Hall 265, In Person Term Based; Yu-An Chen ; 2 cr.
13618 003 LEC, 10:10-11:00 TTh, Ferguson Hall 265, In Person Term Based; Juhee Park ; 2 cr.
16015 004 LEC, 12:20-13:10 TTh, Ferguson Hall 265, In Person Term Based; Koki Sato ; 2 cr.
16394 002 LEC, 12:20-13:10 MW, Ferguson Hall 265, In Person Term Based; Dora Tsang ; 2 cr.
16517 005 LEC, 11:15-12:05 MW, Ferguson Hall 265, In Person Term Based; Dora Tsang ; 2 cr.

1155 Keyboard Skills I

(A-F or Audit; Prereq: Keyboard major or music major with extensive keyboard background or instr consent)
14876 001 LEC, 11:15-12:05 TTh, Ferguson Hall 265, In Person Term Based; Michael 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.)
13628 001 LEC, 10:10-11:00 MW, Twin Cities Remote, Completely Online; Alyssa Becker ; 2 cr.
13629 002 LEC, 18:15-20:00 T, Ferguson Hall 225, In Person Term Based; 2 cr.
15278 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;)
13770 001 LEC, 13:25-14:15 MW, Ferguson Hall 107, In Person Term Based; Maja Radovanlija ; 2 cr.
13771 002 LEC, 14:30-15:20 MW, Ferguson Hall 107, In Person Term Based; Maja Radovanlija ; 2 cr.
14431 004 LEC, 13:25-14:15 TTh, Ferguson Hall 107, In Person Term Based; Maja Radovanlija ; 2 cr.
14549 006 LEC, 15:35-16:25 TTh, Ferguson Hall 107, In Person Term Based; Maja Radovanlija ; 2 cr.
14591 008 LEC, 18:30-20:30 W, Ferguson Hall 107, In Person Term Based; Maja Radovanlija ; 2 cr.

1472 Guitar: Class Lessons II

(A-F or Audit; Prereq: 1471 or instr consent)
14930 001 LEC, 16:40-17:30 MW, Ferguson Hall 107, In Person Term Based; Maja Radovanlija ; 2 cr.

1475 Beginning Ukulele

(A-F only;)
34587 001 DIS, 18:00-20:00 T, Ferguson Hall 107, In Person Term Based; Maja Radovanlija ; 2 cr.

1501 Theory and Analysis of Tonal Music I

(A-F or Audit;)
14472 001 LEC, Completely Online; Alyssa Barna ; 2 cr.
15224 002 DIS, 09:05-09:55 M, Ferguson Hall 105, In Person Term Based; Daniel Eras Saborio ; 2 cr.
15225 003 DIS, 09:05-09:55 M, Ferguson Hall 123, In Person Term Based; Evan Fraser ; 2 cr.
15226 004 DIS, 09:05-09:55 M, Ferguson Hall 107, In Person Term Based; Nicholas White ; 2 cr.
15227 005 DIS, 09:35-10:25 T, Ferguson Hall 225, In Person Term Based; Dominic Valadez ; 2 cr.
16420 006 DIS, 09:35-10:25 T, Ferguson Hall 90, In Person Term Based; Nicholas White ; 2 cr.

1511 Ear-Training and Sight-Singing I

(A-F or Audit;)

14929 001 LEC, Completely Online; Alyssa Barna ; 1 cr.
15228 002 DIS, 09:05-09:55 W, Ferguson Hall 105, In Person Term Based; Daniel Eras Saborio ; 1 cr.
15229 003 DIS, 09:05-09:55 W, Ferguson Hall 225, In Person Term Based; Evan Fraser ; 1 cr.
15230 004 DIS, 09:05-09:55 W, Ferguson Hall 107, In Person Term Based; Matthew Abernathy ; 1 cr.
15231 005 DIS, 09:35-10:25 Th, Ferguson Hall 225, In Person Term Based; Dominic Valadez ; 1 cr.
16421 006 DIS, 09:35-10:25 Th, Ferguson Hall 99, In Person Term Based; Matthew Abernathy ; 1 cr.

1801W Music, Society, and Cultures

(A-F or Audit; Prereq: Registration for this course is open until the first day of class, at which point instructor consent will be required.AH,WI,GP)

13713 001 LEC, 08:00-09:30 TTh, Twin Cities Remote, Completely Online; Matthew Rahaim ; 3 cr.
13714 002 DIS, 09:05-09:55 F, Twin Cities Remote, Completely Online; Patricia Morgan ; 3 cr.
13715 003 DIS, 09:05-09:55 F, Twin Cities Remote, Completely Online; Patricia Morgan ; 3 cr.
13716 005 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; Quentin Dishman ; 3 cr.
14417 004 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; Quentin Dishman ; 3 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)

15223 001 DIS, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Scott Currie ; 3 cr.

1911 Violence Against Women In Opera

(A-F only;)

34064 001 DIS, 10:00-11:15 TTh, Twin Cities Remote, Completely Online; David Walsh ; 3 cr.

1916 All About Music: Its Meaning, Reality, Communication, and Embodiment

(A-F only; TS)

34056 001 DIS, 12:20-14:15 Th, Twin Cities Remote, 12:20-13:10 T, Twin Cities Remote, Completely Online; Guerino Mazzola ; 3 cr.

3021 Introduction to Music

(Student Option; AH)

13783 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Meets With: 001 MUS 1021; Andrew Stoebig ; 3 cr.

3200 Campus Singers

(Student Option;)

15739 001 LAB, 12:15-13:15 TTh, Twin Cities Remote, Completely Online; Jingqi Zhu ; 2 cr.
15740 002 LAB, 18:00-20:00 M, Twin Cities Remote, Completely Online; Matthew Abernathy ; 2 cr.
15741 003 LAB, 18:00-20:00 W, Twin Cities Remote, Completely Online; Christopher McGinley ; 2 cr.
15870 004 LAB, 15:35-16:35 MW, Twin Cities Remote, Completely Online; Matthew Mehaffey ; 2 cr.

3230 Chorus

(Student Option; Prereq: Choral and/or instrumental music background, audition, instr consent)

13658 001 LAB, 15:35-17:05 MW, Twin Cities Remote, Completely Online; Meets With: 001 MUS 5230; Kathy Romey ; 1-2 cr.

3241 Vocal Literature (German Lieder) and Pedagogy

(A-F or Audit; Prereq: MUS 1502, MUS 1512, MUS 3602W and [Vocal performance or accompanying major])

34130 001 LEC, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; Wendy Zaro-Mullins ; 1 cr.

3261 Italian Diction for Singers

(A-F or Audit; Prereq: Voice or choral music major, concurrent registration is required (or allowed) in applied voice)

17757 001 LAB, 11:15-12:05 MW, Twin Cities Remote, Completely Online; Jane Giering-De Haan ; 1 cr.

3263 German Diction for Singers

(A-F or Audit; Prereq: Voice or choral music major, concurrent registration is required (or allowed) in applied voice)

13745 001 LEC, 11:15-12:05 TTh, Twin Cities Remote, Completely Online; Philip Zawisza ; 1 cr.

3340 Jazz Ensemble

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

13655 001 LAB, 15:35-17:00 TTh, Ferguson Hall 95, In Person Term Based; Meets With: 001 MUS 5340; Dean Sorenson ; 1 cr.
13656 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)

13630 001 LAB, 10:10-11:00 MW, Ferguson Hall 95, In Person Term Based; Philip Hey ; 1 cr.
13631 002 LAB, 11:15-12:05 MW, Ferguson Hall 85, In Person Term Based; Philip Hey ; 1 cr.
13632 003 LAB, 12:20-13:10 MW, Ferguson Hall 85, In Person Term Based; Philip Hey ; 1 cr.

3380 Gospel Choir

(A-F only;)

17401 001 LAB, 18:00-20:00 T, Twin Cities Remote, Completely Online; Adrian Davis ; 2 cr.

3400 University and Campus Bands

(Student Option;)

14937 001 LAB, 19:00-20:30 MTh, Ferguson Hall 95, In Person Term Based; Meets With: 001 MUS 5400; Betsy McCann ; 2 cr.
14938 002 LAB, 19:00-21:00 M, TCF Bank Stadium G065A, In Person Term Based; Meets With: 002 MUS 5400; Lance Sample ; 2 cr.
15311 003 LAB, 19:00-21:00 W, TCF Bank Stadium G065A, In Person Term Based; Lance Sample ; 2 cr.
16076 004 LAB, 19:00-21:00 Th, TCF Bank Stadium G065A, In Person Term Based; Lance Sample ; 2 cr.

3410 University Wind Bands

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

13854 001 LAB, 13:25-15:20 MWF, Ferguson Hall 95, In Person Term Based; Meets With: 001 MUS 5410; Emily Threinen ; 1 cr.
13855 002 LAB, 13:25-14:15 F, Room TBA, 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)

13711 001 LAB, 13:25-15:20 MWF, Ferguson Hall 85, In Person Term Based; Mark Russell Smith, Hisham Groover, Andrew Kim, Jose Carrillo Silezar, Shaun Evans ; 1 cr.
16659 002 LAB, In Person Term Based; Mark Russell Smith, Hisham Groover, Andrew Kim, Jose Carrillo Silezar, Shaun Evans ; 1 cr.

3430 Campus Orchestra

(Student Option; Prereq: Non-music major or unable to register for University Orchestra)

13920 001 LAB, 18:00-20:00 M, Ferguson Hall 85, In Person Term Based; 2 cr.
15497 002 LAB, 18:00-20:00 T, Ferguson Hall 85, In Person Term Based; 2 cr.
15805 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)

15446 001 LAB, 00:00-00:00 , , In Person Term Based; Ellen Dinwiddie Smith ; 1 cr.
15753 002 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 002 MUS 5440; Stephanie Crabb ; 1 cr.
15768 003 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 003 MUS 5440; Thomas Ashworth ; 1 cr.
15769 004 LAB, 00:00-00:00 , , In Person Term Based; Immanuel Davis ; 1 cr.
15770 005 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 005 MUS 5440; Immanuel Davis ; 1 cr.
16304 006 LAB, 00:00-00:00 , , In Person Term Based; Maja Radovanlija ; 1 cr.
16305 007 LAB, 00:00-00:00 , , In Person Term Based; Meets With: 007 MUS 5440; Katherine Jarka ; 1 cr.
16310 008 LAB, 00:00-00:00 , , In Person Term Based; Stephanie Arado ; 1 cr.
16312 009 LAB, 00:00-00:00 , , In Person Term Based; David Baldwin ; 1 cr.
16313 010 LAB, 00:00-00:00 , , In Person Term Based; Peter McGuire ; 1 cr.
16395 011 LAB, 00:00-00:00 , , In Person Term Based; Maja Radovanlija ; 1 cr.
16558 012 LAB, 00:00-00:00 , , In Person Term Based; Lydia Artymiw ; 1 cr.
16564 014 LAB, 00:00-00:00 , , In Person Term Based; Jennifer Gerth ; 1 cr.
16567 013 LAB, 00:00-00:00 , , In Person Term Based; Sally O'Reilly ; 1 cr.

16571 015 LAB, 00:00-00:00 , , In Person Term Based; Preston Duncan ; 1 cr.
16572 016 LAB, 00:00-00:00 , , In Person Term Based; Caroline Lemen ; 1 cr.
16574 017 LAB, 00:00-00:00 , , In Person Term Based; Jean Del Santo ; 1 cr.
16761 018 LAB, In Person Term Based; Tanya Remenikova ; 1 cr.
16821 020 LAB, In Person Term Based; Paul Shaw ; 1 cr.
16823 021 LAB, In Person Term Based; Kyung Kim ; 1 cr.
16833 022 LAB, In Person Term Based; Timothy Lovelace ; 1 cr.
16834 023 LAB, In Person Term Based; Corey Konkol ; 1 cr.
16836 024 LAB, In Person Term Based; Alexander Braginsky ; 1 cr.
16838 025 LAB, In Person Term Based; Norbert Nielubowski ; 1 cr.
16841 026 LAB, In Person Term Based; Norbert Nielubowski ; 1 cr.
17003 019 LAB, In Person Term Based; Paul Shaw ; 1 cr.

3480 Marching Band

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

13710 001 LAB, 16:15-18:00 MTWThF, Room TBA, In Person Term Based; Betsy McCann, Lance Sample ; 2 cr.
16521 002 LAB, 19:00-22:00 W, Room TBA, 16:15-18:00 MTWThF, Room TBA, In Person Term Based; Betsy McCann, Lance Sample ; 2 cr.
16522 003 LAB, 19:00-22:00 W, Room TBA, 16:15-18:00 MTWThF, Room TBA, In Person Term Based; Betsy McCann, Lance Sample ; 2 cr.

3490 Athletics Bands

(A-F or Audit;)

14831 001 LAB, 00:00-00:00 , , In Person Term Based; Betsy McCann, Lance Sample ; 1 cr.
15053 002 LAB, 00:00-00:00 , , In Person Term Based; Betsy McCann, Lance Sample ; 1 cr.
15054 003 LAB, 00:00-00:00 , , In Person Term Based; Betsy McCann, Lance Sample ; 1 cr.

3501 Theory and Analysis of Tonal Music III

(A-F or Audit; Prereq: [MUS 1511, MUS 1512] with grade of at least C- or higher.)

14389 002 DIS, 08:00-08:50 M, Ferguson Hall 85, In Person Term Based; Madison Coffey ; 2 cr.
14454 003 DIS, 08:00-08:50 M, Ferguson Hall 95, In Person Term Based; David Logue ; 2 cr.
14455 004 DIS, 08:35-09:25 T, Ferguson Hall 105, In Person Term Based; Brian Billion ; 2 cr.
14473 001 LEC, 09:05-09:55 WF , , In Person Term Based; David Damschroder ; 2 cr.
14673 005 DIS, 08:35-09:25 T, Ferguson Hall 225, In Person Term Based; Hon Ki Cheung ; 2 cr.

3506 Theory and Analysis of American Popular Music

(A-F or Audit; Prereq: [MUS 3501, MUS 3511] with a grade of C- or better)

34111 001 LEC, 10:10-12:40 W, Twin Cities Remote, Completely Online; Sumanth Gopinath ; 3 cr.

3508 Review of Tonal Theory

(Student Option; Prereq: Theory placement exam)

13995 001 LEC, 08:15-09:30 TTh, Ferguson Hall 85, In Person Term Based; Matthew Stanley ; 2 cr.

3511 Ear-Training and Sight-Singing III

(A-F or Audit; Prereq: [MUS 1502, MUS 1512] with grade of at least C- or higher, or diagnostic test administered by School of Music)

14924 001 LEC, 09:05-09:55 M, Ferguson Hall 225, In Person Term Based; David Damschroder ; 1 cr.
14925 002 DIS, 08:00-08:50 W, Ferguson Hall 105, In Person Term Based; Madison Coffey ; 1 cr.
14926 003 DIS, 08:00-08:50 W, Ferguson Hall 107, In Person Term Based; David Logue ; 1 cr.
14927 004 DIS, 08:35-09:25 Th, Ferguson Hall 225, In Person Term Based; Brian Billion ; 1 cr.
14928 005 DIS, 08:35-09:25 Th, Ferguson Hall 105, In Person Term Based; Hon Ki Cheung ; 1 cr.

3518 Review of Ear-Training and Sight-Singing

(Student Option; Prereq: Theory Placement Exam)

13996 001 LEC, 10:10-11:00 TTh, Ferguson Hall 85, In Person Term Based; Matthew Stanley ; 1 cr.

3602W History of Western Music II

(A-F or Audit; Prereq: MUS 1502, MUS 1512, and MUS 3601 OR instr consentWI)

14385 001 LEC, 09:35-11:00 TTh, Twin Cities Remote, Completely Online; Kelley Harness ; 3 cr.
14387 003 DIS, 08:00-08:50 F, Twin Cities Remote, Completely Online; Anya Badaldavood ; 3 cr.

14388 004 DIS, 10:10-11:00 F, Twin Cities Remote,
Completely Online; Cassandra Velcko ; 3 cr.
15310 005 DIS, 10:10-11:00 F, Twin Cities Remote,
Completely Online; Anya Badaldavood ; 3 cr.

3993 Directed Studies

(A-F or Audit; Prereq: instr consent, dept consent,
college consent.)

13718 001 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
14437 002 IND, 00:00-00:00 , , 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)

13720 001 IND, 00:00-00:00 , , In Person Term Based; 1 cr.

4502 18th-Century Counterpoint

(A-F or Audit; Prerequisite. Topics to be covered will
include: melody, two- and three-part counterpoint;
diminutions; cadences, motivic development, and
form; techniques for cantus firmus, imitative, and free
counterpoint; canon and fugue; and chromaticism.
prereq: [3501, 3508] or pass basic skills exam)

34094 001 LEC, 12:20-13:10 MWF, Twin Cities Remote,
Completely Online; Dean Billmeyer ; 3 cr.

4505 Jazz Theory

(A-F or Audit; Prereq: [MUS 3501 and MUS 3511] with
grades of at least C- or instructor permission)

14795 001 LEC, 11:15-13:10 Th, , 11:15-12:05 T, , In Person
Term Based; Dean Sorenson ; 3 cr.

5101 Piano Pedagogy I

(Student Option; Prereq: 8 cr in MusA 1301 or MusA
1401 or instr consent)

17758 001 LEC, 13:30-15:30 T, Room TBA, In Person Term
Based; Michael Kim ; 2 cr.

**5150 Body Awareness in Activity: The
Alexander Technique for Musicians**

(Student Option;)

15738 001 LAB, 11:15-12:55 Th, Twin Cities Remote,
Completely Online; Brian McCullough ; 2 cr.

5181 Advanced Piano Literature I

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

34095 001 LEC, 13:25-15:20 T, Room TBA, In Person Term
Based; Michael Kim ; 2 cr.

5230 Chorus

(Student Option; Prereq: Choral and/or instrumental
music background; audition, instr consent)

13659 001 LAB, 15:35-17:05 MW, Twin Cities Remote,
Completely Online; Meets With: 001 MUS 3230; Kathy
Romey ; 1-2 cr.

5240 University Singers

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

13858 001 LAB, 12:45-14:15 MWF, Twin Cities Remote,
Completely Online; Matthew Mehaffey, Kathy Romey ; 1 cr.
16480 002 LAB, 12:45-14:15 MWF, Twin Cities Remote,
Completely Online; Kathy Romey ; 1 cr.

5241 Vocal Literature I

(A-F or Audit; Prereq: [12 cr in MusA 1304, grad music
student] or instr consent)

17679 001 LEC, 01:25-02:15 TTh, Twin Cities Remote,
Completely Online; Wendy Zaro-Mullins ; 3 cr.

5250 Opera Workshop and Ensemble

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

13934 001 LAB, 15:35-18:30 TTh, Ferguson Hall 99, In
Person Term Based; David Walsh ; 2 cr.
14675 002 LAB, 18:30-21:30 MTh, Ferguson Hall 99, In
Person Term Based; David Walsh ; 2 cr.

5271 Diction for Singers I

(A-F or Audit; Prereq: 12 cr MusA 1304 or grad music
major or instr consent)

17357 001 LAB, 10:10-12:05 F, Twin Cities Remote,
Completely Online; Philip Zawisza ; 2 cr.

5275 Vocal Pedagogy I

(Student Option; Prereq: Sr vocal major or instr
consent)

35181 001 DIS, 11:15-12:05 TTh, Twin Cities Remote,
Completely Online; Victoria Vargas ; 3 cr.

5280 Opera Theatre

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

13876 001 LAB, 10:30-17:30 Sa, Ferguson Hall 99,
14:30-17:30 MWF, Ferguson Hall 99, In Person Term
Based; David Walsh ; 2 cr.

5333 Music After 1945

(A-F only; Prereq: MUS 4504 or Graduate music major)

17960 001 LEC, 10:10-11:00 W, Twin Cities Remote,
10:10-12:05 M, Twin Cities Remote, Completely Online;
Alyssa Barna ; 3 cr.

5340 Jazz Ensemble

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

13641 001 LAB, 15:35-17:00 TTh, Ferguson Hall 95, In
Person Term Based; Meets With: 001 MUS 3340; Dean
Sorenson ; 1 cr.
13642 002 LAB, 11:15-12:05 MWF, Ferguson Hall 95, In
Person Term Based; Meets With: 002 MUS 3340; Dean
Sorenson ; 1 cr.

5400 University and Campus Bands

(Student Option;)

16239 002 LAB, 19:00-21:00 M, TCF Bank Stadium G065A,
In Person Term Based; Meets With: 002 MUS 3400; Lance
Sample ; 1 cr.
16481 001 LAB, 19:00-20:30 MTh, Ferguson Hall 95, In
Person Term Based; Meets With: 001 MUS 3400; Betsy
McCann ; 1 cr.
17431 004 LAB, 19:00-21:00 Th, Room TBA, In Person Term
Based; Shaun Evans ; 1 cr.
34528 003 LAB, 19:00-21:00 W, Room TBA, In Person Term
Based; Lauren Visel ; 1 cr.

5410 University Wind Bands

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

13856 001 LAB, 13:25-15:20 MWF, Ferguson Hall 95, In
Person Term Based; Meets With: 001 MUS 3410; Emily
Threinen ; 1 cr.
13857 002 LAB, 13:25-14:15 F, Room TBA, 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)

16658 002 LAB, In Person Term Based; Hisham Groover,
Jose Carrillo Siliezar, Andrew Kim, Shaun Evans ; 1 cr.
18188 001 LAB, 13:25-15:20 MWF, Room TBA, In Person
Term Based; Hisham Groover, Jose Carrillo Siliezar,
Andrew Kim, Shaun Evans ; 1 cr.

5440 Chamber Ensemble

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

15523 001 LAB, 00:00-00:00 , , In Person Term Based; 1 cr.
15754 002 LAB, 00:00-00:00 , , In Person Term Based;
Meets With: 002 MUS 3440; Stephanie Crabb ; 1 cr.
15771 003 LAB, 00:00-00:00 , , In Person Term Based;
Meets With: 003 MUS 3440; Thomas Ashworth ; 1 cr.
15772 004 LAB, 00:00-00:00 , , In Person Term Based;
Immanuel Davis ; 1 cr.
15773 005 LAB, 00:00-00:00 , , In Person Term Based;
Meets With: 005 MUS 3440; Immanuel Davis ; 1 cr.
16298 006 LAB, 00:00-00:00 , , In Person Term Based; Maja
Radovanlija ; 1 cr.
16306 007 LAB, 00:00-00:00 , , In Person Term Based;
Meets With: 007 MUS 3440; Katherine Jarka ; 1 cr.
16308 008 LAB, 00:00-00:00 , , In Person Term Based;
Stephanie Arado ; 1 cr.
16311 009 LAB, 00:00-00:00 , , In Person Term Based;
Marissa Benedict ; 1 cr.
16314 010 LAB, 00:00-00:00 , , In Person Term Based;
Young-Nam Kim ; 1 cr.
16550 011 LAB, 00:00-00:00 , , In Person Term Based; Maja
Radovanlija ; 1 cr.
16557 012 LAB, 00:00-00:00 , , In Person Term Based;
David Baldwin ; 1 cr.
16560 013 LAB, 00:00-00:00 , , In Person Term Based; Sally
O'Reilly ; 1 cr.
16563 014 LAB, 00:00-00:00 , , In Person Term Based;
Preston Duncan ; 1 cr.
16565 015 LAB, 00:00-00:00 , , In Person Term Based;
Preston Duncan ; 1 cr.
16568 016 LAB, 00:00-00:00 , , In Person Term Based;
Caroline Lemen ; 1 cr.
16569 017 LAB, 00:00-00:00 , , In Person Term Based;
Catherine Kinzler ; 1 cr.
16570 018 LAB, 00:00-00:00 , , In Person Term Based;
Tanya Remenikova ; 1 cr.
16760 019 LAB, In Person Term Based; Lydia Artymiw ; 1 cr.
16822 020 LAB, In Person Term Based; Paul Shaw ; 1 cr.
16826 022 LAB, In Person Term Based; Timothy Lovelace ;
1 cr.
16828 021 LAB, In Person Term Based; Kyung Kim ; 1 cr.
16835 023 LAB, In Person Term Based; Corey Konkol ; 1 cr.
16837 025 LAB, In Person Term Based; Norbert
Nielubowski ; 1 cr.
16839 026 LAB, In Person Term Based; Michael Kim ; 1 cr.

17002 024 LAB, In Person Term Based; Alexander
Braginsky ; 1 cr.

5450 Orchestral Repertoire

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

18256 001 LAB, 16:30-17:30 M, Ferguson Hall 85, In Person
Term Based; Julia Bogorad ; 1-3 cr.

5460 World Music Ensemble

(Student Option;)

15511 001 LAB, 18:00-20:00 W, Twin Cities Remote,
Completely Online; Scott Currie ; 1-2 cr.

5490 Percussion Ensemble

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

13712 001 LAB, 15:35-17:30 MF, Ferguson Hall 95, In
Person Term Based; Fernando Meza ; 1 cr.

5491 Percussion Literature I

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

17212 001 LAB, In Person Term Based; Fernando Meza ; 2
cr.

5494 West African Music Ensemble

(Student Option;)

16997 001 LAB, 15:35-17:05 T, Room TBA, In Person Term
Based; Sowah Mensah ; 1 cr.

5561 Orchestration I

(A-F or Audit; Prereq: 3502)

34057 001 LEC, 18:00-21:00 M, , In Person Term Based;
Alex Lubet ; 3 cr.

5571 Schenkerian Analysis for Performers

(A-F or Audit; Prereq: 3502)

34126 001 LEC, 12:20-13:10 MWF, Ferguson Hall 225, In
Person Term Based; David Damschroder ; 3 cr.

**5591 Introduction to Music Information
Technology**

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

16639 001 LEC, 09:05-09:55 MWF, Twin Cities Remote,
Completely Online; Guerino Mazzola ; 3 cr.

5620 Topics in Opera History

(A-F or Audit;)

33858 001 LEC, 10:10-11:00 W, Ferguson Hall 115,
10:10-12:05 M, Ferguson Hall 115, In Person Term Based;
Kelley Harness ; 3 cr.

5993 Directed Studies

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

13719 001 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.
15988 002 IND, 00:00-00:00 , , In Person Term Based; 1-4
cr.

Music Applied (MUSA)**1101 Piano: Elective (non-major in music)**

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

13640 001 LAB, 00:00-00:00 , , In Person Term Based; 2-4
cr.
14393 002 LAB, 00:00-00:00 , , In Person Term Based; 2-4
cr.
14394 003 LAB, 00:00-00:00 , , In Person Term Based; Paul
Shaw ; 2-4 cr.
17125 004 LAB, In Person Term Based; 2-4 cr.

1103 Organ: Elective (non-major in music)

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

15354 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)

15865 001 LAB, 00:00-00:00 , , In Person Term Based;
Seokho Park ; 2-4 cr.
15923 002 LAB, 00:00-00:00 , , In Person Term Based;
Alyssa Becker ; 2-4 cr.
15936 003 LAB, 00:00-00:00 , , In Person Term Based; Mary
Hubbard ; 2-4 cr.
16242 004 LAB, In Person Term Based; Ronnie Bell ; 2-4 cr.
17972 005 LAB, In Person Term Based; Jane Giering-De
Haan ; 2-4 cr.

1105 Violin: Elective (non-major in music)

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

16092 001 LAB, 00:00-00:00 , , In Person Term Based; Kyu-
Young Kim ; 2-4 cr.

17973 002 LAB, In Person Term Based; Peter McGuire ; 2-4 cr.
 17974 003 LAB, In Person Term Based; Sally O'Reilly ; 2-4 cr.
 17975 004 LAB, In Person Term Based; James Zabawa-Martinez ; 2-4 cr.

1106 Viola: Elective (non-major in music)
 (A-F or Audit; Prereq: dept consent)

16303 001 LAB, 00:00-00:00 , , In Person Term Based; Korey Konkol ; 2-4 cr.
 18182 002 LAB, In Person Term Based; 2-4 cr.

1107 Cello: Elective (non-major in music)
 (A-F or Audit; Prereq: dept consent)

17362 001 LAB, In Person Term Based; Tanya Remenikova ; 2-4 cr.
 18137 002 LAB, In Person Term Based; Omar Macias ; 2-4 cr.

1108 Double Bass: Elective (non-major in music)
 (A-F or Audit; Prereq: dept consent)

34434 001 LAB, In Person Term Based; David Williamson ; 2-4 cr.

1109 Flute: Elective (non-major in music)
 (A-F or Audit; Prereq: dept consent)

17464 001 LAB, In Person Term Based; Immanuel Davis ; 2-4 cr.
 18183 002 LAB, In Person Term Based; Savannah Ridley ; 2-4 cr.

1111 Oboe: Elective (non-major in music)
 (A-F or Audit; Prereq: dept consent)

17444 001 LAB, In Person Term Based; John Snow ; 2-4 cr.

1112 Clarinet: Elective (non-major in music)
 (A-F or Audit; Prereq: dept consent)

16318 001 LAB, 00:00-00:00 , , In Person Term Based; Jan Scholl ; 2-4 cr.
 17458 002 LAB, In Person Term Based; Jennifer Gerth ; 2-4 cr.
 17459 003 LAB, In Person Term Based; Timothy Zavadiil ; 2-4 cr.

1113 Saxophone: Elective (non-major in music)
 (A-F or Audit; Prereq: dept consent)

16805 001 LAB, In Person Term Based; Preston Duncan ; 2-4 cr.

1115 French Horn: Elective (non-major in music)
 (A-F or Audit; Prereq: dept consent)

16317 001 LAB, 00:00-00:00 , , In Person Term Based; Caroline Lemen ; 2-4 cr.

1116 Trumpet: Elective (non-major in music)
 (A-F or Audit; Prereq: dept consent)

16552 001 LAB, 00:00-00:00 , , In Person Term Based; Marissa Benedict ; 2-4 cr.
 17438 002 LAB, In Person Term Based; Charles Lazarus ; 2-4 cr.

1117 Trombone: Elective (non-major in music)
 (A-F or Audit; Prereq: dept consent)

18184 001 LAB, In Person Term Based; Thomas Ashworth ; 2-4 cr.

1118 Euphonium: Elective (non-major in music)
 (A-F or Audit; Prereq: dept consent)

17472 001 LAB, In Person Term Based; John Tranter ; 2-4 cr.

1119 Tuba: Elective (non-major in music)
 (A-F or Audit; Prereq: dept consent)

18277 001 LAB, In Person Term Based; John Tranter ; 2-4 cr.

1121 Percussion: Elective (non-major in music)
 (A-F or Audit; Prereq: dept consent)

16832 001 LAB, In Person Term Based; Fernando Meza ; 2-4 cr.
 17140 002 LAB, In Person Term Based; Philip Hey ; 2-4 cr.
 18263 003 LAB, In Person Term Based; John Donovan ; 2-4 cr.

1123 Guitar: Elective (non-major in music)
 (A-F or Audit; Prereq: dept consent)

14395 001 LAB, 00:00-00:00 , , In Person Term Based; Maja Radovanlija ; 2-4 cr.
 14701 002 LAB, 00:00-00:00 , , In Person Term Based; Maja Radovanlija ; 2-4 cr.
 15380 003 LAB, 00:00-00:00 , , In Person Term Based; Maja Radovanlija ; 2-4 cr.

1201 Piano: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

17976 001 IND, In Person Term Based; Alexander Braginsky ; 2 cr.
 17977 002 IND, In Person Term Based; Paul Shaw ; 2 cr.
 34745 003 IND, In Person Term Based; Michael Kim ; 2 cr.

1203 Organ: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent **This course is offered for 2 credits and meets for two hours a week; one hour being a one-on-one lesson between the instructor and student, and another hour in the instructor-led studio class.**)

17979 001 IND, In Person Term Based; Dean Billmeyer ; 2 cr.

1204 Voice: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

15932 001 IND, 14:30-15:30 TTh, Room TBA, In Person Term Based; Jean Del Santo ; 2 cr.
 15933 002 IND, 14:30-15:30 TTh, Room TBA, In Person Term Based; Wendy Zaro-Mullins ; 2 cr.
 15934 005 IND, 14:30-15:30 TTh, Room TBA, In Person Term Based; Philip Zawisza ; 2 cr.
 17409 003 IND, In Person Term Based; Victoria Vargas ; 2 cr.
 17443 006 IND, 14:30-15:30 TTh, Room TBA, In Person Term Based; Jane Giering-De Haan ; 2 cr.
 17445 004 IND, 14:30-15:30 TTh, Room TBA, In Person Term Based; John De Haan ; 2 cr.

1205 Violin: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

17435 001 IND, 15:30-18:30 Th, Room TBA, In Person Term Based; Kyu-Young Kim ; 2 cr.
 17980 002 IND, In Person Term Based; Peter McGuire ; 2 cr.
 18192 003 IND, In Person Term Based; Sally O'Reilly ; 2 cr.

1206 Viola: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

16289 001 IND, 15:30-18:30 Th, Room TBA, In Person Term Based; Korey Konkol ; 2 cr.

1207 Cello: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

17966 001 IND, In Person Term Based; Tanya Remenikova ; 2 cr.

1208 Double Bass: Music Education and BA

(A-F only;)

17449 001 IND, In Person Term Based; David Williamson ; 2 cr.

1209 Flute: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

16262 001 IND, 15:35-17:30 M, Room TBA, 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)

17981 001 IND, 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)

16093 001 IND, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Jennifer Gerth ; 2 cr.
 17005 003 IND, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Timothy Zavadiil ; 2 cr.
 17333 002 IND, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Jan Scholl ; 2 cr.
 35039 004 IND, In Person Term Based; ; 2 cr.

1213 Saxophone: Music Ed and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

15935 001 IND, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, 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)

17984 001 IND, In Person Term Based; Norbert Nielubowski ; 2 cr.

1215 French Horn: Music Education and BA
 (A-F only; Prereq: [Music education or BA applied] major, dept consent)

17406 001 IND, 15:30-17:35 W, Room TBA, 15:35-17:35 M, Room TBA, In Person Term Based; Caroline Lemen ; 2 cr.
 18191 002 IND, In Person Term Based; Ellen Dinwiddie Smith ; 2 cr.

1216 Trumpet: Music Education and BA
 (A-F only; Prereq: [Music education or BA applied] major, dept consent)

15929 001 IND, 15:35-17:35 W, Room TBA, In Person Term Based; Marissa Benedict ; 2 cr.

1217 Trombone: Music Education and BA
 (A-F only; Prereq: [Music education or BA applied] major, dept consent)

15928 001 IND, 15:30-17:35 W, Room TBA, 15:35-17:35 M, Room TBA, In Person Term Based; Thomas Ashworth ; 2 cr.

1218 Euphonium: Music Education and BA
 (A-F only; Prereq: [Music education or BA applied] major, dept consent)

18224 001 IND, In Person Term Based; John Tranter ; 2 cr.

1219 Tuba: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

17441 001 IND, 18:00-19:00 T, Room TBA, 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)

15930 001 IND, 15:30-16:30 W, Room TBA, In Person Term Based; Fernando Meza ; 2 cr.
 17985 002 IND, In Person Term Based; Peter Kogan ; 2 cr.

1222 Harp: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

35348 001 IND, In Person Term Based; Kathy Kienzle ; 2 cr.

1223 Guitar: Music Education and BA

(A-F only; Prereq: [Music education or BA applied] major, dept consent)

16460 001 IND, 00:00-00:00 , , In Person Term Based; Maja Radovanlija ; 2 cr.

1301 Piano: Music Major

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

15745 003 LAB, 16:30-18:30 T, Room TBA, 13:15-15:15 W, Room TBA, In Person Term Based; Paul Shaw ; 2-4 cr.
 16765 004 LAB, 12:30-14:30 M, Room TBA, In Person Term Based; Kyung Kim ; 2-4 cr.
 17407 002 LAB, 14:00-15:30 F, Room TBA, In Person Term Based; Alexander Braginsky ; 2-4 cr.
 18187 005 LAB, In Person Term Based; Michael Kim ; 2-4 cr.

1302 Harpsichord: Music Major

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

17986 001 LAB, In Person Term Based; Dean Billmeyer ; 2-4 cr.

1303 Organ: Music Major

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

16462 001 LAB, 00:00-00:00 , , In Person Term Based; Dean Billmeyer ; 2-4 cr.

1304 Voice: Music Major

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

13785 001 LAB, 14:30-15:30 TTh, Room TBA, In Person Term Based; Jean Del Santo ; 2-4 cr.
 14396 002 LAB, 14:30-15:30 TTh, Room TBA, In Person Term Based; Wendy Zaro-Mullins ; 2-4 cr.
 14397 003 LAB, 14:30-15:30 TTh, Room TBA, In Person Term Based; Adriana Zabala ; 2-4 cr.
 14398 004 LAB, 14:30-15:30 TTh, Room TBA, In Person Term Based; John De Haan ; 2-4 cr.
 15746 005 LAB, 14:30-15:30 TTh, Room TBA, In Person Term Based; Philip Zawisza ; 2-4 cr.
 17135 006 LAB, In Person Term Based; Jane Giering-De Haan ; 2-4 cr.

1305 Violin: Music Major

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

17461 001 LAB, 15:30-18:30 Th, Room TBA, In Person Term Based; Peter McGuire ; 2-4 cr.

17988 002 LAB, In Person Term Based; Sally O'Reilly ; 2-4 cr.
35162 003 LAB, In Person Term Based; Stephanie Arado ; 2-4 cr.

35659 004 LAB, In Person Term Based; James Zabawa-Martinez ; 2-4 cr.

1306 Viola: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

15324 001 LAB, 15:30-18:30 Th, Room TBA, In Person Term Based; Korey Konkol ; 2-4 cr.

1307 Cello: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

13970 001 LAB, 15:30-18:30 Th, Room TBA, In Person Term Based; Tanya Remenikova ; 2-4 cr.

1308 Double Bass: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

13971 001 LAB, 15:30-16:30 W, Room TBA, In Person Term Based; Meets With: 001 MUSA 8308001 MUSA 2308; Christopher Brown ; 2-4 cr.

17122 002 LAB, 15:30-16:30 W, Room TBA, In Person Term Based; David Williamson ; 2-4 cr.

1309 Flute: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

14399 002 LAB, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Immanuel Davis ; 2-4 cr.

17414 001 LAB, 15:45-17:00 W, Room TBA, 15:30-17:30 M, Room TBA, In Person Term Based; Julia Bogorad ; 2-4 cr.

1311 Oboe: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

15381 001 LAB, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; John Snow ; 2-4 cr.

1312 Clarinet: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

15099 001 LAB, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Jennifer Gerth ; 2-4 cr.

17006 003 LAB, 15:45-17:00 W, Room TBA, 15:35-17:00 M, Room TBA, In Person Term Based; Timothy Zavdil ; 2-4 cr.

17989 002 LAB, In Person Term Based; Jan Scholl ; 2-4 cr.

1313 Saxophone: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

14400 001 LAB, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Preston Duncan ; 2-4 cr.

1314 Bassoon: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

14401 001 LAB, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; John Miller Jr ; 2-4 cr.

15931 002 LAB, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Norbert Nielubowski ; 2-4 cr.

1315 French Horn: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

14625 001 LAB, 15:30-17:35 W, Room TBA, 15:35-17:35 M, Room TBA, In Person Term Based; Caroline Lemen ; 2-4 cr.

17405 002 LAB, 15:30-17:35 W, Room TBA, 15:35-17:35 M, Room TBA, In Person Term Based; Ellen Dinwiddie Smith ; 2-4 cr.

1316 Trumpet: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

13972 001 LAB, 15:35-17:35 W, Room TBA, In Person Term Based; Marissa Benedict ; 2-4 cr.

1317 Trombone: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

15801 001 LAB, 15:30-17:35 W, Room TBA, 15:35-17:35 M, Room TBA, In Person Term Based; Thomas Ashworth ; 2-4 cr.

1318 Euphonium: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

15802 001 LAB, In Person Term Based; John Tranter ; 2-4 cr.

1319 Tuba: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

15355 001 LAB, 18:00-19:00 T, Room TBA, In Person Term Based; Steven Campbell ; 2-4 cr.

1321 Percussion: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

14402 002 LAB, 15:30-16:30 W, Room TBA, In Person Term Based; Fernando Meza ; 2-4 cr.

17421 001 LAB, 15:30-16:30 W, Room TBA, In Person Term Based; Philip Hey ; 2-4 cr.

18250 003 LAB, 15:30-16:20 W, Room TBA, In Person Term Based; Adam Rappel ; 2-4 cr.

1322 Harp: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

17991 001 LAB, In Person Term Based; Kathy Kienzle ; 2-4 cr.

1323 Guitar: Music Major**(A-F or Audit; Prereq: Audition, dept consent)**

15382 001 LAB, 15:30-17:00 F, Room TBA, In Person Term Based; Maja Radovanlija ; 2-4 cr.

1401 Piano: Music Major Secondary**(undergraduate)****(A-F or Audit; Prereq: Music major, dept consent)**

14056 001 LAB, 00:00-00:00 , , In Person Term Based; Kyung Kim ; 2-4 cr.

15410 003 LAB, 00:00-00:00 , , In Person Term Based; 2-4 cr.

16815 004 LAB, In Person Term Based; 2-4 cr.

17428 002 LAB, In Person Term Based; Paul Shaw ; 2-4 cr.

1402 Harpsichord: Music Major Secondary**(undergraduate)****(A-F or Audit; Prereq: Audition, dept consent)**

15786 001 LAB, 00:00-00:00 , , In Person Term Based; Dean Billmeyer ; 2-4 cr.

1403 Organ: Music Major Secondary**(undergraduate)****(A-F or Audit; Prereq: Audition, dept consent)**

17396 001 LAB, In Person Term Based; Thomas Ferry ; 2-4 cr.

1404 Voice: Music Major Secondary**(undergraduate)****(A-F or Audit; Prereq: Audition, dept consent)**

14062 001 LAB, 00:00-00:00 , , In Person Term Based; Seokho Park ; 2-4 cr.

15466 002 LAB, 00:00-00:00 , , In Person Term Based; Alyssa Becker ; 2-4 cr.

17141 004 LAB, In Person Term Based; Ronnie Bell ; 2-4 cr.

17992 003 LAB, In Person Term Based; Mary Hubbard ; 2-4 cr.

1405 Violin: Music Major Secondary**(undergraduate)****(A-F or Audit; Prereq: Audition, dept consent)**

17993 001 LAB, In Person Term Based; Sally O'Reilly ; 2-4 cr.

1406 Viola: Music Major Secondary**(undergraduate)****(A-F or Audit; Prereq: Audition, dept consent)**

16763 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)**

17465 001 LAB, In Person Term Based; David Williamson ; 2-4 cr.

1414 Bassoon: Music Major Secondary**(undergraduate)****(A-F or Audit; Prereq: Audition, dept consent)**

17994 001 LAB, In Person Term Based; Norbert Nielubowski ; 2-4 cr.

1421 Percussion: Music Major Secondary**(undergraduate)****(A-F or Audit; Prereq: Audition, dept consent)**

16117 001 LAB, 00:00-00:00 , , In Person Term Based; Philip Hey ; 2-4 cr.

1423 Guitar: Music Major Secondary**(undergraduate)****(A-F or Audit; Prereq: Audition, dept consent)**

15927 001 LAB, 00:00-00:00 , , In Person Term Based; Filip Zivanovic ; 2-4 cr.

17469 002 LAB, In Person Term Based; Nikola Korovljev ; 2-4 cr.

17995 003 LAB, In Person Term Based; Momcilo Aleksandric ; 2-4 cr.

1901 Piano: Music Major Transfer**(A-F or Audit; Prereq: Audition, dept consent)**

17132 001 LAB, In Person Term Based; Paul Shaw ; 2-4 cr.

18242 002 LAB, In Person Term Based; Kyung Kim ; 2-4 cr.

1903 Organ: Music Major Transfer**(A-F or Audit; Prereq: Audition, dept consent)**

17418 001 LAB, In Person Term Based; Dean Billmeyer ; 2-4 cr.

1904 Voice: Music Major Transfer**(A-F or Audit; Prereq: Audition, dept consent)**

16742 001 LAB, In Person Term Based; John De Haan ; 2-4 cr.

35316 002 LAB, In Person Term Based; Victoria Vargas ; 2-4 cr.

1905 Violin: Music Major Transfer**(A-F or Audit; Prereq: Audition, dept consent)**

17373 001 LAB, 15:30-18:30 Th, Room TBA, In Person Term Based; Peter McGuire ; 2-4 cr.

1906 Viola: Music Major Transfer**(A-F or Audit; Prereq: Audition, dept consent)**

17123 001 LAB, 15:30-18:30 Th, Room TBA, In Person Term Based; Korey Konkol ; 2-4 cr.

1908 Double Bass: Music Major Transfer**(A-F or Audit; Prereq: Audition, dept consent)**

17996 001 LAB, In Person Term Based; David Williamson ; 2-4 cr.

1913 Saxophone: Music Major Transfer**(A-F or Audit; Prereq: Audition, dept consent)**

35315 001 LAB, In Person Term Based; Preston Duncan ; 2-4 cr.

1915 French Horn: Music Major Transfer**(A-F or Audit; Prereq: Audition, dept consent)**

17417 001 LAB, 15:30-17:35 W, Room TBA, 15:35-17:35 M, Room TBA, In Person Term Based; Caroline Lemen ; 2-4 cr.

1916 Trumpet: Music Major Transfer**(A-F or Audit; Prereq: Audition, dept consent)**

14061 001 LAB, 15:30-17:35 W, Room TBA, 15:35-17:35 M, Room TBA, In Person Term Based; David Baldwin ; 2-4 cr.

1917 Trombone: Music Major Transfer**(A-F or Audit; Prereq: Audition, dept consent)**

15937 001 LAB, 15:30-17:35 W, Room TBA, 15:35-17:35 M, Room TBA, In Person Term Based; Thomas Ashworth ; 2-4 cr.

17454 002 LAB, In Person Term Based; John Tranter ; 2-4 cr.

1918 Euphonium: Music Major Transfer**(A-F or Audit; Prereq: Audition, dept consent)**

17146 001 LAB, 18:00-19:00 T, Room TBA, In Person Term Based; John Tranter ; 2-4 cr.

1921 Percussion: Music Major Transfer**(A-F or Audit; Prereq: Audition, dept consent)**

35382 001 LAB, In Person Term Based; Fernando Meza ; 2-4 cr.

1923 Guitar: Music Major Transfer**(A-F or Audit; Prereq: Audition, dept consent)**

15803 001 LAB, 15:30-17:00 F, Room TBA, In Person Term Based; Maja Radovanlija ; 2-4 cr.

2201 Piano: Music Ed and BA**(A-F only; Prereq: [Music education or BA applied] major, dept consent)**

16017 001 IND, 13:15-15:15 W, Room TBA, In Person Term Based; Paul Shaw ; 2 cr.

2203 Organ: Music Education and BA**(A-F only; Prereq: dept consent)**

18223 001 IND, In Person Term Based; Thomas Ferry ; 2 cr.

2204 Voice: Music Education and BA**(A-F only; Prereq: dept consent)**

16018 002 IND, 14:30-15:30 TTh, Room TBA, In Person Term Based; Wendy Zaro-Mullins ; 2 cr.

16019 005 IND, 14:30-15:30 TTh, Room TBA, In Person Term Based; Philip Zawisza ; 2 cr.

16975 006 IND, 14:30-15:20 TTh, Room TBA, In Person Term Based; Jane Giering-De Haan ; 2 cr.

17327 001 IND, 14:30-15:30 TTh, Room TBA, In Person Term Based; Jean Del Santo ; 2 cr.

18222 004 IND, In Person Term Based; John De Haan ; 2 cr.
18266 007 IND, In Person Term Based; Adriana Zabala ; 2 cr.

2205 Violin: Music Education and BA

(A-F only; Prereq: dept consent)
 16678 003 IND, 15:30-17:00 Th, Room TBA, In Person Term Based; Sally O'Reilly ; 2 cr.
 16998 002 IND, In Person Term Based; 2 cr.
 18167 001 IND, In Person Term Based; Kyu-Young Kim ; 2 cr.

2206 Viola: Music Education and BA

(A-F only; Prereq: dept consent)
 16020 001 IND, 15:30-18:30 Th, Room TBA, In Person Term Based; Korey Konkol ; 2 cr.

2207 Cello: Music Education and BA

(A-F only; Prereq: dept consent)
 16260 001 IND, 15:30-18:30 Th, Room TBA, In Person Term Based; Tanya Remenikova ; 2 cr.

2208 Bass: Music Education and BA

(A-F only; Prereq: dept consent)
 16078 001 IND, 00:00-00:00 , , In Person Term Based; Christopher Brown ; 2 cr.
 34591 002 IND, In Person Term Based; David Williamson ; 2 cr.

2209 Flute: Music Education and BA

(A-F only; Prereq: dept consent)
 16021 001 IND, 15:45-17:30 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Immanuel Davis ; 2 cr.

2212 Clarinet: Music Education and BA

(A-F only; Prereq: dept consent)
 16299 001 IND, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Jennifer Gerth ; 2 cr.
 17007 002 IND, 15:45-17:00 W, Room TBA, 15:35-17:00 M, Room TBA, In Person Term Based; Jan Scholl ; 2 cr.
 17385 003 IND, In Person Term Based; Timothy Zavadil ; 2 cr.

2213 Saxophone: Music Education and BA

(A-F only; Prereq: dept consent)
 17325 001 IND, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Preston Duncan ; 2 cr.

2214 Bassoon: Music Education and BA

(A-F only; Prereq: dept consent)
 17129 001 IND, 15:35-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; John Miller Jr ; 2 cr.

2215 French Horn: Music Education and BA

(A-F only; Prereq: dept consent)
 17394 001 IND, In Person Term Based; Caroline Lemen ; 2 cr.
 34611 002 IND, In Person Term Based; Ellen Dinwiddie Smith ; 2 cr.

2216 Trumpet: Music Education and BA

(A-F only; Prereq: dept consent)
 16022 001 IND, 15:35-17:30 W, Room TBA, 15:35-17:35 M, Room TBA, In Person Term Based; David Baldwin ; 2 cr.

2217 Trombone: Music Education and BA

(A-F only; Prereq: dept consent)
 16023 001 IND, 15:30-17:35 W, Room TBA, 15:35-17:35 M, Room TBA, In Person Term Based; Thomas Ashworth ; 2 cr.

2219 Tuba: Music Education and BA

(A-F only; Prereq: dept consent)
 18168 001 IND, In Person Term Based; Steven Campbell ; 2 cr.

2221 Percussion: Music Education and BA

(A-F only; Prereq: dept consent)
 16024 001 IND, 15:30-16:30 W, Room TBA, In Person Term Based; Fernando Meza ; 2 cr.

2222 Harp: Music Education and BA

(A-F only; Prereq: dept consent)
 16254 001 IND, 00:00-00:00 , , In Person Term Based; Kathy Kienzle ; 2 cr.

2223 Guitar: Music Education and BA

(A-F only; Prereq: dept consent)
 17392 001 IND, In Person Term Based; Maja Radovanlija ; 2 cr.

2301 Piano: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 15851 001 LAB, 14:00-15:30 F, Room TBA, In Person Term Based; Alexander Braginsky ; 2-4 cr.

15852 003 LAB, 13:15-15:15 W, Room TBA, In Person Term Based; Paul Shaw ; 2-4 cr.
 16996 004 LAB, 12:30-14:30 M, Room TBA, In Person Term Based; Kyung Kim ; 2-4 cr.
 34743 002 LAB, In Person Term Based; Michael Kim ; 2-4 cr.

2303 Organ: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 14421 001 LAB, 00:00-00:00 , , In Person Term Based; Dean Billmeyer ; 2-4 cr.

2304 Voice: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 15855 003 LAB, 14:30-15:30 TTh, Room TBA, In Person Term Based; Adriana Zabala ; 2-4 cr.
 15856 004 LAB, 14:30-15:30 TTh, Room TBA, In Person Term Based; John De Haan ; 2-4 cr.
 17000 006 LAB, In Person Term Based; Jane Giering-De Haan ; 2-4 cr.
 17379 002 LAB, In Person Term Based; Wendy Zaro-Mullins ; 2-4 cr.
 17384 001 LAB, In Person Term Based; Jean Del Santo ; 2-4 cr.
 17393 005 LAB, In Person Term Based; Philip Zawisza ; 2-4 cr.

2305 Violin: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 15857 002 LAB, 15:30-18:30 Th, Room TBA, In Person Term Based; Kyu-Young Kim ; 2-4 cr.
 15858 003 LAB, 15:30-18:30 Th, Room TBA, In Person Term Based; Sally O'Reilly ; 2-4 cr.

2306 Viola: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 17383 001 LAB, In Person Term Based; Korey Konkol ; 2-4 cr.

2307 Cello: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 15899 001 LAB, 15:30-18:30 Th, Room TBA, In Person Term Based; Tanya Remenikova ; 2-4 cr.

2308 Double Bass: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 15375 001 LAB, 15:30-16:30 W, Room TBA, In Person Term Based; Meets With: 001 MUSA 1308001 MUSA 8308; Christopher Brown ; 2-4 cr.
 17429 002 LAB, In Person Term Based; David Williamson ; 2-4 cr.

2309 Flute: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 15356 002 LAB, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Immanuel Davis ; 2-4 cr.
 18158 001 LAB, In Person Term Based; Julia Bogorad ; 2-4 cr.

2312 Clarinet: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 17386 001 LAB, In Person Term Based; Jennifer Gerth ; 2-4 cr.
 17387 002 LAB, In Person Term Based; 2-4 cr.
 17388 003 LAB, In Person Term Based; Timothy Zavadil ; 2-4 cr.

2313 Saxophone: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 15898 001 LAB, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Preston Duncan ; 2-4 cr.

2315 French Horn: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 17391 002 LAB, In Person Term Based; Caroline Lemen ; 2-4 cr.
 18169 001 LAB, In Person Term Based; Ellen Dinwiddie Smith ; 2-4 cr.

2316 Trumpet: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 17377 001 LAB, 15:35-17:30 W, , In Person Term Based; Marissa Benedict ; 2-4 cr.

2317 Trombone: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 14424 001 LAB, 15:35-17:35 M, Room TBA, In Person Term Based; Thomas Ashworth ; 2-4 cr.

2318 Euphonium: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 15357 001 LAB, 18:00-19:00 T, Room TBA, In Person Term Based; John Tranter ; 2-4 cr.

2319 Tuba: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 17433 001 LAB, 18:00-19:00 T, Room TBA, In Person Term Based; Steven Campbell ; 2-4 cr.

2321 Percussion: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 17399 001 LAB, In Person Term Based; Fernando Meza ; 2-4 cr.

2323 Guitar: Music Major

(A-F or Audit; Prereq: Audition, dept consent)
 15804 001 LAB, 00:00-00:00 , , In Person Term Based; Maja Radovanlija ; 2-4 cr.

3101 Piano: Elective (non-major in music)

(A-F or Audit; Prereq: dept consent)
 14857 001 LAB, 00:00-00:00 , , In Person Term Based; Paul Shaw ; 2-4 cr.
 17432 004 LAB, In Person Term Based; Juhee Park ; 2-4 cr.

3123 Guitar: Elective (non-major in music)

(A-F or Audit; Prereq: dept consent)
 34062 001 LAB, In Person Term Based; Maja Radovanlija ; 2-4 cr.

3201 Piano: Music Ed and BA

(A-F only;)
 16979 004 IND, 12:30-14:30 M, Room TBA, In Person Term Based; Kyung Kim ; 2 cr.
 16999 003 IND, 13:15-15:15 W, Room TBA, In Person Term Based; Paul Shaw ; 2 cr.

3204 Voice: Music Education and BA

(A-F only;)
 16063 001 IND, 14:30-15:30 TTh, Room TBA, In Person Term Based; Jean Del Santo ; 2 cr.
 16087 002 IND, 14:30-15:30 TTh, Room TBA, In Person Term Based; Wendy Zaro-Mullins ; 2 cr.
 16122 003 IND, 14:30-15:30 TTh, Room TBA, In Person Term Based; Victoria Vargas ; 2 cr.
 16145 004 IND, 14:30-15:30 TTh, Room TBA, In Person Term Based; John De Haan ; 2 cr.
 16146 005 IND, 14:30-15:30 TTh, Room TBA, In Person Term Based; Philip Zawisza ; 2 cr.
 17328 006 IND, 14:30-15:30 TTh, Room TBA, In Person Term Based; Jane Giering-De Haan ; 2 cr.

3205 Violin: Music Education and BA

(A-F only;)
 16703 003 IND, In Person Term Based; Sally O'Reilly ; 2 cr.
 17381 002 IND, In Person Term Based; 2 cr.
 17932 001 IND, In Person Term Based; Peter McGuire ; 2 cr.

3209 Flute: Music Education and BA

(A-F only;)
 17324 001 IND, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Immanuel Davis ; 2 cr.

3211 Oboe: Music Education and BA

(A-F only;)
 16309 001 IND, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; John Snow ; 2 cr.

3212 Clarinet: Music Education and BA

(A-F only;)
 16533 001 IND, 15:45-17:00 W, Room TBA, 15:35-17:00 M, Room TBA, In Person Term Based; Jennifer Gerth ; 2 cr.
 17008 002 IND, 15:45-17:00 W, Room TBA, 15:35-17:00 M, Room TBA, In Person Term Based; Jan Scholl ; 2 cr.
 18170 003 IND, In Person Term Based; Timothy Zavadil ; 2 cr.

3213 Saxophone: Music Education and BA

(A-F only;)
 16259 001 IND, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Preston Duncan ; 2 cr.

3215 French Horn: Music Education and BA

(A-F only;)
 16257 001 IND, 15:30-17:35 W, Room TBA, 15:35-17:35 M, Room TBA, In Person Term Based; Caroline Lemen ; 2 cr.

3216 Trumpet: Music Education and BA

(A-F only;)
 16253 001 IND, 15:30-17:35 W, Room TBA, 15:35-17:35 M, Room TBA, In Person Term Based; Marissa Benedict ; 2 cr.

3217 Trombone: Music Education and BA

(A-F only;)
 17346 001 IND, In Person Term Based; Thomas Ashworth ; 2 cr.

17468 002 IND, In Person Term Based; John Tranter ; 2 cr.

3221 Percussion: Music Education and BA (A-F only;)

16258 001 IND, 15:30-16:30 W, Room TBA, In Person Term Based; Fernando Meza ; 2 cr.

3223 Guitar: Music Education and BA

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

16226 001 LAB, 15:30-17:00 F, Room TBA, In Person Term Based; Maja Radovanlija ; 2 cr.

3301 Piano: Music Major

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

15749 001 LAB, 16:30-18:30 T, Room TBA, In Person Term Based; Lydia Artymiw ; 2-4 cr.

15750 002 LAB, 14:00-15:30 F, Room TBA, In Person Term Based; Alexander Braginsky ; 2-4 cr.

16995 004 LAB, 12:30-14:30 M, Room TBA, In Person Term Based; Kyung Kim ; 2-4 cr.

17400 003 LAB, In Person Term Based; Paul Shaw ; 2-4 cr.

3302 Harpsichord: Music Major

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

18001 001 LAB, In Person Term Based; Dean Billmeyer ; 2-4 cr.

3303 Organ: Music Major

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

17326 002 LAB, In Person Term Based; Thomas Ferry ; 2-4 cr.

18002 001 LAB, In Person Term Based; Dean Billmeyer ; 2-4 cr.

3304 Voice: Music Major

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

13973 001 LAB, 14:30-15:30 TTh, Room TBA, In Person Term Based; Jean Del Santo ; 2-4 cr.

14403 002 LAB, 14:30-15:30 TTh, Room TBA, In Person Term Based; Wendy Zaro-Mullins ; 2-4 cr.

14404 003 LAB, 14:30-15:30 TTh, Room TBA, In Person Term Based; Adriana Zabala ; 2-4 cr.

15342 005 LAB, 14:30-15:30 TTh, Room TBA, In Person Term Based; Philip Zawisza ; 2-4 cr.

17389 004 LAB, In Person Term Based; John De Haan ; 2-4 cr.

17390 006 LAB, In Person Term Based; Jane Giering-De Haan ; 2-4 cr.

3305 Violin: Music Major

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

15343 001 LAB, 15:30-18:30 Th, Room TBA, In Person Term Based; Peter McGuire ; 2-4 cr.

17934 002 LAB, In Person Term Based; Sally O'Reilly ; 2-4 cr.

34448 003 LAB, In Person Term Based; Kyu-Young Kim ; 2-4 cr.

3306 Viola: Music Major

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

17382 001 LAB, In Person Term Based; Korey Konkol ; 2-4 cr.

3307 Cello: Music Major

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

13998 001 LAB, 15:30-18:30 Th, Room TBA, In Person Term Based; Tanya Remenikova ; 2-4 cr.

3308 Double Bass: Music Major

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

15897 001 LAB, 17:00-18:30 Th, Room TBA, 15:30-17:30 W, Room TBA, In Person Term Based; Christopher Brown ; 2-4 cr.

17376 002 LAB, In Person Term Based; David Williamson ; 2-4 cr.

3309 Flute: Music Major

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

14405 002 LAB, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Immanuel Davis ; 2-4 cr.

18003 001 LAB, In Person Term Based; Julia Bogorad ; 2-4 cr.

3311 Oboe: Music Major

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

15383 001 LAB, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; John Snow ; 2-4 cr.

3312 Clarinet: Music Major

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

17009 002 LAB, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Timothy Zavadij ; 2-4 cr.

18196 003 LAB, In Person Term Based; Jennifer Gerth ; 2-4 cr.

3313 Saxophone: Music Major

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

14406 001 LAB, 15:45-17:00 W, Room TBA, 15:35-17:30 M, Room TBA, In Person Term Based; Preston Duncan ; 2-4 cr.

3314 Bassoon: Music Major

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

18006 001 LAB, In Person Term Based; John Miller ; 2-4 cr.

18007 002 LAB, In Person Term Based; Norbert Nielubowski ; 2-4 cr.

3315 French Horn: Music Major

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

14407 002 LAB, 15:30-17:35 W, Room TBA, 15:35-17:35 M, Room TBA, In Person Term Based; Caroline Lemen ; 2-4 cr.

17139 001 LAB, 15:30-17:35 W, Room TBA, 15:35-17:35 M, Room TBA, In Person Term Based; Ellen Dinwiddie Smith ; 2-4 cr.

3316 Trumpet: Music Major

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

17378 001 LAB, 15:35-17:30 W, , In Person Term Based; Marissa Benedict ; 2-4 cr.

3317 Trombone: Music Major

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

13999 001 LAB, 15:30-17:35 W, Room TBA, 15:35-17:35 M, Room TBA, In Person Term Based; Thomas Ashworth ; 2-4 cr.

3318 Euphonium: Music Major

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

18009 001 LAB, 18:00-19:00 T, Room TBA, In Person Term Based; John Tranter ; 2-4 cr.

3319 Tuba: Music Major

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

18010 001 LAB, 18:00-19:00 T, Room TBA, In Person Term Based; Steven Campbell ; 2-4 cr.

3321 Percussion: Music Major

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

34449 001 LAB, In Person Term Based; Fernando Meza ; 2-4 cr.

3322 Harp: Music Major

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

18011 001 LAB, In Person Term Based; Kathy Kienzle ; 2-4 cr.

3323 Guitar: Music Major

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

14939 001 LAB, 15:30-17:00 F, Room TBA, In Person Term Based; Maja Radovanlija ; 2-4 cr.

5101 Piano: Elective (graduate non-major in music)

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

18012 001 LAB, In Person Term Based; 2 cr.

5103 Organ: Elective (graduate non-major in music)

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

18013 001 LAB, In Person Term Based; Dean Billmeyer ; 2 cr.

5104 Voice: Elective (graduate non-major in music)

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

18020 001 LAB, In Person Term Based; Wendy Zaro-Mullins ; 2 cr.

5105 Violin: Elective (graduate non-major in music)

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

18021 001 LAB, In Person Term Based; 2 cr.

18022 002 LAB, In Person Term Based; ; 2 cr.

5116 Trumpet: Elective Individual Lessons (graduate non-major in music)

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

17131 001 LAB, In Person Term Based; 2 cr.

5121 Percussion: Elective (graduate non-major in music)

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

18023 001 LAB, In Person Term Based; 2 cr.

5123 Guitar: Elective (graduate non-major in music)

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

18024 001 LAB, In Person Term Based; 2 cr.

5401 Piano: Music Major Secondary (graduate)

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

15344 001 LAB, 00:00-00:00 , , In Person Term Based; Kyung Kim ; 2-4 cr.

17448 002 LAB, In Person Term Based; Kyung Kim ; 2-4 cr.

18255 003 LAB, In Person Term Based; Paul Shaw ; 2-4 cr.

5403 Organ: Music Major Secondary (graduate)

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

17356 001 LAB, In Person Term Based; Dean Billmeyer ; 2-4 cr.

5404 Voice: Music Major Secondary (graduate)

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

16315 005 LAB, In Person Term Based; Philip Zawisza ; 2-4 cr.

16816 002 LAB, In Person Term Based; Alyssa Becker ; 2-4 cr.

17430 001 LAB, In Person Term Based; Wendy Zaro-Mullins ; 2-4 cr.

5405 Violin: Music Major Secondary (graduate)

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

18025 001 LAB, In Person Term Based; Kyu-Young Kim ; 2-4 cr.

5408 Double Bass: Music Major Secondary (graduate)

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

17462 001 LAB, In Person Term Based; Christopher Brown ; 2-4 cr.

5409 Flute: Music Major Secondary (graduate)

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

16127 001 LAB, 00:00-00:00 , , In Person Term Based; Immanuel Davis ; 2-4 cr.

5414 Bassoon: Music Major Secondary (graduate)

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

15974 001 LAB, 00:00-00:00 , , In Person Term Based; Norbert Nielubowski ; 2-4 cr.

5417 Trombone: Music Major Secondary (graduate)

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

15787 001 LAB, In Person Term Based; Thomas Ashworth ; 2-4 cr.

17453 002 LAB, In Person Term Based; John Tranter ; 2-4 cr.

5421 Percussion: Music Major Secondary (graduate)

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

17442 001 LAB, In Person Term Based; Philip Hey ; 2-4 cr.

5423 Guitar: Music Major Secondary (graduate)

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

17467 001 LAB, In Person Term Based; Maja Radovanlija ; 2-4 cr.

Music Education (MUED)

1201 Introduction to Music Education

(A-F only;)

16905 001 LEC, 11:15-12:05 MW, Ferguson Hall 90, In Person Term Based; Laura Sindberg ; 2 cr.

1801 Introduction to Music Therapy

(A-F or Audit;)

13875 001 LEC, 12:20-13:10 MW, Twin Cities Remote, Completely Online; Jessica Pouranfar ; 2 cr.

3011 Music in Childhood

(Student Option;)

15816 001 LEC, 13:25-14:55 MW, Ferguson Hall 115, In Person Term Based; Scott Iseminger ; 3 cr.

3802 Guitar I for Music Education and Music Therapy Majors: Developing Group Songleading Skills

(A-F only; Prereq: [Music therapy or music education major], dept consent)

15326 001 LAB, 08:00-08:50 MW, Twin Cities Remote, Completely Online; Edward Schwartzberg ; 2 cr.

4504 Brass Techniques and Teaching (A-F or Audit;)

17213 001 LAB, 10:10-11:00 F, Ferguson Hall 95, 10:10-11:00 MW, Ferguson Hall 85, In Person Term Based; Christian Howard ; 2 cr.

4505 Percussion Techniques and Teaching (A-F or Audit;)

17214 001 LAB, 12:20-13:10 MWF, Ferguson Hall 95, In Person Term Based; Adrian Davis ; 2 cr.

5101 Improvisation and Creativity in the Music Classroom

(A-F only; Prereq: At least C- in MUS 4504 or instructor permission)

16907 001 LAB, 10:10-11:00 MW, Twin Cities Remote, Completely Online; Scott Currie, Dean Sorenson ; 2 cr.

5302 General Music II

(A-F only; Prereq: MUED 5301, MUED 1201, MUS 4504, and MUS 4514 with a grade of at least C-)

16908 001 LEC, 10:00-11:45 TTh, Ferguson Hall 107, In Person Term Based; Akosua Addo ; 3 cr.

5350 Student Teaching in Classroom Music (A-F or Audit;)

16909 001 FWK, In Person Term Based; David Kassler, Akosua Addo ; 4-8 cr.

5416 Choral/Vocal Methods and Materials II (A-F only; Prereq: MUED 5415, MUED 1201, MUS 4504, and MUS 4514 with grade of at least C-, [music education major or instr consent], completion of the Music Education sophomore proficiency exam)

16906 001 LAB, 08:00-09:45 TTh, Ferguson Hall 107, In Person Term Based; Keitha Hamann ; 3 cr.

5419 Advanced Conducting and Repertoire (Choral)

(A-F only; Prereq: 3416, MUS 3401, MUS 3502, MUS 3512, music education major [choral])

17209 001 LAB, 09:30-12:00 F, Ferguson Hall 85, In Person Term Based; Matthew Mehaffey ; 2 cr.

5450 Student Teaching in Vocal Music (A-F or Audit;)

16910 001 FWK, In Person Term Based; Keitha Hamann ; 4-8 cr.

5517 Instrumental Methods and Materials II (A-F only; Prereq: MUED 5517, MUED 1201, MUS 4504, and MUS 4514 with a grade of C- or better, music educ major, completion of the Music Education sophomore proficiency exam)

16911 001 LEC, 08:00-09:45 TTh, Ferguson Hall 95, In Person Term Based; Emily Heuschele ; 3 cr.

5519 Advanced Conducting and Repertoire (Instrumental)

(A-F only;)

16912 001 LAB, 12:20-13:10 TTh, Ferguson Hall 95, In Person Term Based; Jerry Luckhardt ; 2 cr.

5550 Student Teaching in Instrumental Music (A-F or Audit;)

16913 001 FWK, In Person Term Based; Emily Heuschele, Adrian Davis ; 4-8 cr.

5650 Student Teaching Seminar

(A-F or Audit; Prereq: At least C- in all required [music, music education, professional education] courses)

18096 001 LEC, 16:00-17:40 T, Room TBA, In Person Term Based; Emily Heuschele ; 2 cr.

5669 Psychology of Music

(A-F or Audit; Prereq: Psy 1001 or Psy 3604 or instr consent)

16647 001 DIS, 16:30-19:00 M, Twin Cities Remote, Completely Online; Casey Clementson ; 3 cr.

5803 Therapeutic Management in Music Settings

(A-F only; Prereq: [5804, 5805] or instr consent)

15245 001 LEC, 10:10-11:00 MWThF, Twin Cities Remote, Completely Online; Michael Silverman ; 4 cr.

5804 Music Therapy Methods and Procedures I

(A-F or Audit; Prereq: 5800 or instr consent)

15120 001 LEC, 09:05-09:55 MWThF, Twin Cities Remote, Completely Online; Edward Schwartzberg ; 4 cr.

5855 Music Therapy Internship

(S-N or Audit; Prereq: Music therapy major, instr consent)

14157 001 FWK, 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)

13717 777 IND, Completely Online; 1-4 cr.

Natural Resources Sci and Mgmt (NR)**5021 Statistics for Agricultural and Natural Resource Professionals**

(Student Option; Prereq: College algebra)

18797 001 LEC, Completely Online; Matthew Russell ; 3 cr.

Naval Science (NAV)**1000 Professional Training in Naval Science**

(S-N or Audit; Prereq: enrolled in NROTC)

26840 001 LAB, 06:15-08:50 T, Armory Building 202, In Person Term Based; Meets With: 001 NAV 2000001 NAV 3000001 NAV 4000; Austin Duke ; 1 cr.

1101 Introduction to Naval Science

(A-F or Audit;)

26836 001 LEC, 09:45-11:00 TTh, Armory Building 202, In Person Term Based; Macian Campbell ; 3 cr.

2000 Professional Training in Naval Science

(S-N or Audit; Prereq: Soph enrolled in NROTC)

26841 001 LAB, 06:15-08:50 T, Armory Building 202, In Person Term Based; Meets With: 001 NAV 1000001 NAV 3000001 NAV 4000; Austin Duke ; 1 cr.

2201 Ship Systems I: Naval Engineering

(A-F or Audit;)

26858 001 LEC, 08:00-09:15 MW, Armory Building 205, In Person Term Based; Edgard Corea ; 3 cr.

3000 Professional Training in Naval Science

(S-N or Audit; Prereq: Jr enrolled in NROTC)

26842 001 LAB, 06:15-08:50 T, Armory Building 202, In Person Term Based; Meets With: 001 NAV 1000001 NAV 2000001 NAV 4000; Austin Duke ; 1 cr.

3302 Navigation II: Seamanship and Ship Operations

(A-F or Audit; Prereq: 3301)

26859 001 LEC, 09:00-10:15 TTh, Twin Cities Remote, Completely Online; Adam Thom ; 3 cr.

3309 Fundamentals of Maneuver Warfare (A-F or Audit;)

26887 001 LEC, 11:15-12:30 TTh, Armory Building 205, In Person Term Based; Austin Duke ; 3 cr.

4000 Professional Training in Naval Science

(S-N or Audit; Prereq: Sr enrolled in NROTC)

26843 001 LAB, 06:15-08:50 T, Armory Building 202, In Person Term Based; Meets With: 001 NAV 1000001 NAV 2000001 NAV 3000; Austin Duke ; 1 cr.

4401W Leadership and Management I (A-F or Audit; WI)

26837 001 LEC, 08:15-09:30 MW, Twin Cities Remote, Completely Online; Andrew Behlke ; 3 cr.

26936 002 LEC, 08:15-09:30 MTh, Twin Cities Remote, Completely Online; Andrew Behlke ; 3 cr.

34620 003 LEC, 08:15-09:30 Th, Twin Cities Remote, 09:00-10:15 T, Twin Cities Remote, Completely Online; Andrew Behlke, Christopher Carter ; 3 cr.

Neurology (NEUR)**Neuroscience (NSC)****5031W Perception**

(Student Option; Prereq: Psy 3031 or Psy 3051 or instr consentWI)

24695 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 PSY 5031W; Gordon Legge ; 3 cr.

5461 Cellular and Molecular Neuroscience (A-F or Audit; Prereq: NSc grad student or instr consent)

24761 001 LEC, 08:30-10:00 MWF, Twin Cities Remote, Completely Online; Eric Newman ; 4 cr.

5551 Itasca Cell and Molecular Neurobiology Laboratory

(S-N or Audit; Prereq: Neuroscience grad or instr consent)

24770 001 LAB, 00:00-00:00 , ONLINE, Completely Online; Marija Cvetanovic ; 4 cr.

5561 Systems Neuroscience

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

24450 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Lucy Vulchanova ; 4 cr.
24537 002 LAB, 09:00-12:00 T, , In Person Term Based; Lucy Vulchanova ; 4 cr.**Neuroscience Department (NSCI)****1001 Fundamental Neuroscience: Understanding Ourselves (A-F only; TS)**

24759 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Paul Mermelstein, Robert Meisel ; 3 cr.

2101 Human Neuroanatomy

(A-F only; BIOL)

24774 001 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Martin Wessendorf ; 4 cr.
24776 002 LAB, 10:10-12:10 M, , In Person Term Based; Dezhi Liao, Martin Wessendorf ; 4 cr.
24777 003 LAB, 14:30-16:30 M, , In Person Term Based; Dezhi Liao, Martin Wessendorf ; 4 cr.
24778 004 LAB, 14:30-16:30 M, , In Person Term Based; Maureen Riedl, Martin Wessendorf ; 4 cr.
24779 005 LAB, 13:25-15:25 T, , In Person Term Based; Wensheng Lin, Martin Wessendorf ; 4 cr.
24790 006 LAB, 13:25-15:25 T, , In Person Term Based; Wensheng Lin, Martin Wessendorf ; 4 cr.
24798 007 LAB, 10:10-12:10 W, , In Person Term Based; Steven McLoon, Wensheng Lin, Martin Wessendorf ; 4 cr.
24828 008 LAB, 10:10-12:10 Th, , In Person Term Based; Martin Wessendorf, Wensheng Lin ; 4 cr.
34225 009 LAB, 10:10-12:10 Th, , In Person Term Based; Martin Wessendorf ; 4 cr.
34226 010 LAB, 13:25-15:25 Th, , In Person Term Based; Martin Wessendorf ; 4 cr.
34227 011 LAB, 13:25-15:25 Th, , In Person Term Based; Martin Wessendorf, Maureen Riedl ; 4 cr.**3101 Neurobiology I: Molecules, Cells, and Systems**

(A-F or Audit; Prerequisites. Enrollment Requirements: Biol 3025 or Biol 3015 OR concurrent/previous BioC 3021/3022/4331 or equivalent. Nsci 2001/2100 highly recommended.)

24556 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Meets With: 001 NSCI 5101; Lorene Lanier ; 3 cr.

3102W Neurobiology II: Perception and Behavior (A-F or Audit; WI)25475 001 LEC, 13:25-14:15 WF, Twin Cities Remote, Completely Online; Geoffrey Ghose ; 3 cr.
25476 002 DIS, 13:25-14:15 M, Twin Cities Remote, Completely Online; Geoffrey Ghose ; 3 cr.
25477 003 DIS, 14:20-15:10 M, Twin Cities Remote, Completely Online; Geoffrey Ghose ; 3 cr.
34541 005 DIS, 13:25-14:15 M, Twin Cities Remote, Completely Online; Geoffrey Ghose ; 3 cr.
34542 004 DIS, 12:30-13:20 M, Twin Cities Remote, Completely Online; Geoffrey Ghose ; 3 cr.

4101 Development of the Nervous System: Cellular and Molecular Mechanisms

(A-F only;)
24694 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Yasushi Nakagawa ; 3 cr.

4150 Advanced Topics in Neuroscience

(A-F or Audit;)
34418 001 LEC, 14:30-15:45 TTh, Weaver-Densford Hall W2-110, 14:30-15:45 TTh, ONLINE BLENDED, Partially Online; Janet Dubinsky ; 1-3 cr.
35158 002 LEC, 14:30-18:00 W, Twin Cities Remote, Completely Online; Janet Dubinsky, Lorene Lanier ; 1-3 cr.

4793W Directed Studies: Writing Intensive

(S-N or Audit; Prereq: instr consent, dept consent; no more than 7 cr of [4793, 4794, 4993, 4994] may count toward major requirementsWI)
24544 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)
24545 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)
24546 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)
24547 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

5101 Neurobiology I: Molecules, Cells, and Systems

(A-F or Audit; Prerequisites.)
24769 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Meets With: 001 NSCI 3101; Lorene Lanier ; 3 cr.

Neurosurgery (NSU)**5667 Neurobiology of Disease**

(Student Option;)
24683 001 LEC, 00:00-00:00 , , In Person Term Based; 2-3 cr.

Norwegian (NOR)**1001 Beginning Norwegian**

(Student Option;)
13836 002 DIS, 16:40-18:50 MW, Twin Cities Remote, Completely Online; Meets With: 002 NOR 4001; Kyle Korynta ; 5 cr.
14798 001 DIS, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 NOR 4001; Kyle Korynta ; 5 cr.

1003 Intermediate Norwegian

(Student Option; Prereq: 1002)
14797 001 DIS, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 NOR 4003; Hanna Zmijewska-Emerson ; 5 cr.

4001 Beginning Norwegian for Graduate Research

(Student Option;)
14133 001 DIS, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 NOR 1001; Kyle Korynta ; 5 cr.
14800 002 DIS, 16:40-18:50 MW, Twin Cities Remote, Completely Online; Meets With: 002 NOR 1001; Kyle Korynta ; 5 cr.

4003 Intermediate Norwegian for Graduate Research

(Student Option;)
14799 001 DIS, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 NOR 1003; Hanna Zmijewska-Emerson ; 5 cr.

Nursing (NURS)**1030 Nursing First Year Seminar I**

(Student Option; Prereq: Freshman guarantee student, instr consent)
25627 001 LEC, 12:20-13:10 T, Twin Cities Remote, Completely Online; Carol Flaten ; 1 cr.

2001 Human Growth and Development: A Life Span Approach

(Student Option;)
25633 001 LEC, Completely Online; Laura Kirk ; 3 cr.
25645 002 LEC, Completely Online; Laura Kirk ; 3 cr.

3115 Health Informatics and Information Technology

(A-F only; TS)
25643 001 LEC, Completely Online; Lisiane Pruinelli ; 3 cr.
25644 002 LEC, Completely Online; Lisiane Pruinelli ; 3 cr.

3703 Assessment and Beginning Interventions: Nursing Lab 1

(A-F only; Prereq: Admitted to Nurs BSN program)
25654 001 LAB, 13:25-17:30 T, Weaver-Densford Hall 4-142, Partially Online; 2 cr.
25658 002 LAB, 13:25-17:30 W, Weaver-Densford Hall 4-142, Partially Online; 2 cr.
25659 003 LAB, 08:00-12:05 Th, Weaver-Densford Hall 4-142, Partially Online; 2 cr.
25725 004 LAB, 13:25-17:30 Th, Weaver-Densford Hall 4-142, Partially Online; 2 cr.
25861 006 LAB, 08:00-12:05 T, University Square Nurs Lab 392, Partially Online; 2 cr.
25874 007 LAB, 08:00-12:05 Th, University Square Nurs Lab 392, Partially Online; 2 cr.

3710 Statistics for Clinical Practice and Research

(Student Option; Prereq: [High school algebra or instr consent], students enrolled in School of Nursing must take A/F optionMATH)
25686 001 LEC, 12:20-14:15 F, Twin Cities Remote, Completely Online; 3 cr.
25687 002 LEC, 12:20-14:15 F, Twin Cities Remote, Completely Online; Kasey Boehmer ; 3 cr.

3801 Patient Centered Care of Adults and Older Adults I

(A-F only; Prereq: Admitted to Nurs BSN program)
25655 001 LEC, 13:25-16:25 Th, Twin Cities Remote, Completely Online; Dawn Fredrich, Raney Linck ; 3 cr.
25735 002 LEC, 13:25-16:25 Th, Twin Cities Remote, Completely Online; Dawn Fredrich, Raney Linck ; 3 cr.

3802 Patient Centered Care: Nursing Care of Families I

(A-F only; Prereq: Enrolled in School of Nursing)
25656 001 LEC, 09:05-12:05 Th, Twin Cities Remote, Completely Online; Samantha Sommersness, Stephanie Gingerich ; 3 cr.

3806 Nurse as Professional

(A-F or Audit; Prereq: Admitted to nursing BSN program)
25657 001 LEC, 13:25-15:20 T, Twin Cities Remote, Completely Online; Penny Kessler ; 2 cr.
25660 002 LEC, 12:20-14:15 W, Twin Cities Remote, Completely Online; Stephanie Gingerich ; 2 cr.
25811 003 LEC, 14:30-16:25 W, Twin Cities Remote, Completely Online; Laura Kirk ; 2 cr.
25863 005 LEC, 10:10-12:05 W, Twin Cities Remote, Completely Online; Sharon McGill ; 2 cr.

4104 Ethical Sensitivity and Reasoning in Health Care

(A-F only; CIV)
25617 001 LEC, 10:10-12:05 Th, Twin Cities Remote, Completely Online; Eileen Weber, Barbara Champlin ; 2 cr.
25623 002 LEC, 10:10-12:05 Th, Twin Cities Remote, Completely Online; Eileen Weber, Barbara Champlin ; 2 cr.

4106 Nurse as Collaborator

(A-F only; Prereq: Enrolled in nursing program)
25723 001 LEC, 13:25-15:20 Th, Twin Cities Remote, Completely Online; Nasra Giama ; 1 cr.
25724 002 LEC, 13:25-15:20 Th, Twin Cities Remote, Completely Online; Nasra Giama ; 1 cr.
31962 004 LEC, 13:25-15:20 Th, Twin Cities Remote, Completely Online; Linnea Benike ; 1 cr.

4301 Person Centered Care of Adults and Older Adults II

(A-F only; Prereq: 3801, 3802, 3703, 3705, enrolled in School of Nursing)
25672 001 LEC, 08:00-12:05 F, Twin Cities Remote, Completely Online; Barbara Champlin, Sharon McGill, Mary Steffes ; 4 cr.
25676 002 LEC, 08:00-12:05 F, Twin Cities Remote, Completely Online; Mary Steffes, Barbara Champlin, Sharon McGill ; 4 cr.

4303 Practicum: Person Centered Care of Adults in Acute Care

(A-F only; Prereq: 3703, 3705, 3801, [3802 or 3802H], enrolled in nursing)
25674 001 FWK, 07:00-15:30 T, No Room Required, 07:00-15:30 T, No Room Required, In Person Term Based; Mary Steffes ; 3 cr.
25678 003 FWK, 07:00-15:30 W, No Room Required, 07:00-15:30 W, No Room Required, In Person Term Based; Penny Kessler, Raney Linck ; 3 cr.
25679 004 FWK, 07:00-15:30 W, No Room Required, 07:00-15:30 W, No Room Required, In Person Term Based; Raney Linck, Penny Kessler ; 3 cr.
25680 005 FWK, 07:00-15:30 W, No Room Required, 07:00-15:30 W, No Room Required, In Person Term Based; Barbara Champlin ; 3 cr.
25820 010 FWK, 08:00-10:00 Th, No Room Required, 07:00-15:30 W, No Room Required, 07:00-15:30 W, No Room Required, In Person Term Based; Abbie Fordahl, Kelly Brevik ; 3 cr.
25865 008 FWK, 08:00-10:00 Th, No Room Required, 07:00-15:30 T, No Room Required, 12:20-20:00 T, No Room Required, In Person Term Based; Michele Baier, Stephanie Sulla ; 3 cr.
25866 009 FWK, 08:00-10:00 Th, No Room Required, 12:20-20:00 T, No Room Required, 07:00-15:30 T, No Room Required, In Person Term Based; Stephanie Sulla, Michele Baier ; 3 cr.
25881 006 FWK, 07:00-15:30 W, No Room Required, 07:00-15:30 W, No Room Required, In Person Term Based; Barbara Champlin ; 3 cr.
33678 011 FWK, 08:00-10:00 Th, No Room Required, 07:00-15:30 W, No Room Required, 07:00-15:30 W, No Room Required, In Person Term Based; Kelly Brevik, Abbie Fordahl ; 3 cr.
34103 002 FWK, 07:00-15:30 T, No Room Required, 07:00-15:30 T, No Room Required, In Person Term Based; Mary Steffes ; 3 cr.

4305 Practicum: Community-based Care of Families Across Life Span

(A-F only; Prereq: 3703, 3705, 3801, [3802 or 3802H], enrolled Nurs student)
25675 001 FWK, 14:30-22:30 T, No Room Required, 08:00-16:30 T, No Room Required, In Person Term Based; Dawn Fredrich ; 3 cr.
25681 002 FWK, 08:00-16:30 T, No Room Required, 14:30-22:30 T, No Room Required, In Person Term Based; Dawn Fredrich ; 3 cr.
25682 003 FWK, 07:00-15:30 T, No Room Required, 08:00-16:30 T, No Room Required, In Person Term Based; Arielle Skalisky, Eunice Areba ; 3 cr.
25683 004 FWK, 08:00-16:30 T, No Room Required, 07:00-15:30 T, No Room Required, In Person Term Based; Eunice Areba, Arielle Skalisky ; 3 cr.
25684 005 FWK, 07:00-15:30 W, No Room Required, 08:00-16:30 W, No Room Required, In Person Term Based; 3 cr.
25685 006 FWK, 08:00-16:30 W, No Room Required, 07:00-15:30 W, No Room Required, In Person Term Based; 3 cr.
25812 008 FWK, 07:00-15:30 W, No Room Required, 08:00-16:30 W, No Room Required, In Person Term Based; Dawn Fredrich ; 3 cr.
25886 007 FWK, 07:00-15:30 W, No Room Required, 07:00-15:30 W, No Room Required, In Person Term Based; 3 cr.

4312 Patient Centered Care: Nursing Care of Families II

(A-F only; Prereq: 3802, enrolled nursing student)
25673 001 LEC, 08:00-12:05 F, Twin Cities Remote, Completely Online; Samantha Sommersness, Lauren Petersen ; 4 cr.

4321 Public Health Nursing

(A-F or Audit; Prereq: jr nursing student)
25722 001 LEC, 08:00-09:55 Th, Twin Cities Remote, Completely Online; Melissa Horning ; 2 cr.

4402 Taking Ethical Action in Health Care

(A-F only; Prereq: Senior undergrad nursing student, [4104 or instr consent]CIV)

25729 001 LEC, 08:00-09:55 M, Twin Cities Remote, Completely Online; Eileen Weber, Martha Turner ; 1 cr.
25730 002 LEC, 08:00-09:55 M, Twin Cities Remote, Completely Online; Eileen Weber ; 1 cr.

4404V Honors: Applied Research and Research Utilization

(A-F only; Prereq: Honors student in School of Nursing, Nurs 4205V, upper division statistics courseWI)

25622 001 LEC, 13:25-16:25 M, Twin Cities Remote, Completely Online; Anne McKechnie ; 3 cr.

4435 Immunization Tour

(S-N or Audit; Prereq: [Senior Bachelor of Science nursing student or professional master's nursing student], completion of CPR)

25632 001 FWK, 12:20-13:10 M, Twin Cities Remote, 12:20-13:10 M, Twin Cities Remote, 12:20-13:10 M, Twin Cities Remote, 12:20-13:10 M, Twin Cities Remote, 17:00-22:00 T, Twin Cities Remote, 12:20-13:10 M, Twin Cities Remote, 12:20-13:10 M, Twin Cities Remote, Completely Online; Meets With: 001 PHAR 6970; Ann Philbrick, Robin Austin, Dawn Fredrich ; 1 cr.

4701 Advanced Nursing Across the Lifespan

(A-F only;)

25867 001 LEC, 10:10-12:05 M, Twin Cities Remote, Completely Online; Erica Timko Olson, Mary Steffes, Linnea Benike ; 3 cr.
25868 002 LEC, 10:10-12:05 M, Twin Cities Remote, Completely Online; Erica Timko Olson, Mary Steffes, Linnea Benike ; 3 cr.

4703 Specialty Focused Practicum I

(A-F only; Prereq: Nursing student in School of Nursing)

25727 001 FWK, 07:00-15:30 W, No Room Required, In Person Term Based; 2 cr.
25795 002 FWK, 07:00-15:30 W, No Room Required, In Person Term Based; 2 cr.
25796 003 FWK, 07:00-15:30 Th, No Room Required, In Person Term Based; 2 cr.
25797 004 FWK, 07:00-15:30 Th, No Room Required, In Person Term Based; 2 cr.
25798 005 FWK, 07:00-15:30 F, No Room Required, In Person Term Based; 2 cr.
25799 006 FWK, 07:00-15:30 F, No Room Required, In Person Term Based; 2 cr.
25800 007 FWK, 07:00-15:30 F, No Room Required, In Person Term Based; 2 cr.
25801 008 FWK, 14:30-22:30 M, No Room Required, In Person Term Based; 2 cr.
25817 011 FWK, 07:00-15:30 W, No Room Required, In Person Term Based; 2 cr.
25818 015 FWK, 07:00-15:30 F, No Room Required, In Person Term Based; 2 cr.
25860 012 FWK, 07:00-15:30 Th, No Room Required, In Person Term Based; 2 cr.
25889 013 FWK, 07:00-15:30 Th, No Room Required, 14:00-22:00 Th, No Room Required, 07:00-15:30 Th, No Room Required, In Person Term Based; 2 cr.
32875 009 FWK, 14:30-22:30 T, No Room Required, In Person Term Based; 2 cr.
32876 010 FWK, 07:00-15:30 W, No Room Required, In Person Term Based; 2 cr.
32877 016 FWK, 07:00-15:30 F, No Room Required, In Person Term Based; 2 cr.
32878 017 FWK, 07:00-15:30 F, No Room Required, In Person Term Based; 2 cr.
34266 018 FWK, 07:00-15:30 F, No Room Required, In Person Term Based; 2 cr.
35396 014 FWK, 07:00-15:30 Th, No Room Required, In Person Term Based; 2 cr.
35397 019 FWK, 07:00-15:30 W, No Room Required, In Person Term Based; 2 cr.
35398 020 FWK, 07:00-15:30 Th, No Room Required, In Person Term Based; 2 cr.
35399 022 FWK, 07:00-15:30 W, No Room Required, In Person Term Based; Nicole Nelson ; 2 cr.
35400 023 FWK, 07:00-15:30 W, No Room Required, In Person Term Based; 2 cr.
35401 024 FWK, 07:00-15:30 Th, No Room Required, In Person Term Based; Benjamin Groteboer ; 2 cr.
35402 025 FWK, 14:00-22:00 F, No Room Required, In Person Term Based; Michelle Yankowiak ; 2 cr.

4704 Continuum of Care Practicum

(A-F only; Prereq: Nursing Student in School of Nursing)

25802 001 LEC, 08:00-08:50 T, Twin Cities Remote, Completely Online; Elaine Darst ; 2 cr.
25803 002 FWK, 09:05-09:55 T, Twin Cities Remote, Completely Online; Penny Kessler ; 2 cr.

25847 003 FWK, 09:05-09:55 T, Twin Cities Remote, Completely Online; Mary Goering ; 2 cr.
25848 004 FWK, 09:05-09:55 T, Twin Cities Remote, Completely Online; Nasra Giama ; 2 cr.
25859 006 FWK, 09:05-09:55 T, Twin Cities Remote, Completely Online; Elaine Darst ; 2 cr.
31963 005 FWK, 09:05-09:55 T, Twin Cities Remote, Completely Online; Raney Linck ; 2 cr.
31964 008 LEC, 08:00-08:50 T, Twin Cities Remote, Completely Online; Linnea Benike ; 2 cr.
31965 009 FWK, 09:05-09:55 T, Twin Cities Remote, Completely Online; Linnea Benike ; 2 cr.

4706 Transition to Practice

(A-F or Audit; Prereq: Sr in BSN program)

25728 001 LEC, 08:00-09:55 M, Twin Cities Remote, 08:00-09:55 M, Twin Cities Remote, Completely Online; Christine Mueller ; 1 cr.
25731 002 LEC, 13:25-15:20 M, Twin Cities Remote, 08:00-09:55 M, Twin Cities Remote, Completely Online; Christine Mueller ; 1 cr.

4777W Mueller Project in the Nursing Major

(A-F only; Prereq: 4205W or 4205VWI)

25726 001 LEC, 10:10-12:05 T, Twin Cities Remote, Completely Online; Rozina Bhimani ; 3 cr.
25736 002 LEC, 10:10-12:05 T, Twin Cities Remote, Completely Online; Lauren Martin ; 3 cr.
25737 003 LEC, 10:10-12:05 T, Twin Cities Remote, Completely Online; Kristine Talley ; 3 cr.
25819 005 LEC, 14:30-16:25 T, Twin Cities Remote, Completely Online; Susan O'Conner-Von ; 3 cr.
31966 004 LEC, 10:10-12:05 T, Twin Cities Remote, Completely Online; Siobhan McMahon ; 3 cr.
31967 007 LEC, 10:10-12:05 T, Twin Cities Remote, Completely Online; Kasey Boehmer ; 3 cr.

5029 Introduction to Nursing Interventions

(A-F only;)

25697 001 LAB, 08:00-12:05 F, Weaver-Densford Hall 4-142, Partially Online; 3 cr.
25698 002 LAB, 08:00-12:05 M, Weaver-Densford Hall 4-142, Partially Online; 3 cr.
25699 003 LAB, 12:20-16:25 M, Weaver-Densford Hall 4-142, Partially Online; 3 cr.
25700 004 LAB, 12:20-16:25 F, Weaver-Densford Hall 4-142, Partially Online; 3 cr.

5030 Foundational Concepts of Professional Nursing

(A-F or Audit; Prereq: Admission to master's in nursing program)

25624 001 LEC, 08:00-11:00 W, Twin Cities Remote, Completely Online; Laura Kirk, Erica Schorr ; 3 cr.

5034 Transition to Professional Nursing Practice

(A-F or Audit; Prereq: Nurs 5033, Nurs 6200)

25625 001 LEC, 09:05-12:05 T, Twin Cities Remote, Completely Online; Stephanie Gingerich ; 3 cr.

5035 Practicum Nursing Care for Complex Health Conditions

(A-F or Audit; Prereq: Nursing postbaccalaureate certificate program or master of nursing program)

25626 001 LEC, 09:05-12:05 T, Twin Cities Remote, Completely Online; Erica Schorr ; 4 cr.
25635 002 FWK, 14:00-22:00 Th, No Room Required, 07:00-15:30 Th, No Room Required, 12:15-14:15 T, No Room Required, Partially Online; Erica Schorr, Maria Ruud ; 4 cr.
25636 003 FWK, 14:00-22:00 Th, No Room Required, 07:00-15:30 Th, No Room Required, 12:15-14:15 T, No Room Required, Partially Online; Erica Schorr, Maria Ruud ; 4 cr.
25649 004 FWK, 14:00-22:00 Th, No Room Required, 07:00-15:30 Th, No Room Required, 12:15-14:15 T, No Room Required, Partially Online; Erica Schorr, Maria Ruud ; 4 cr.
25853 005 FWK, 14:00-22:00 Th, No Room Required, 07:00-15:30 Th, No Room Required, 12:15-14:15 T, No Room Required, Partially Online; Erica Schorr, Maria Ruud ; 4 cr.
35405 006 FWK, 07:00-15:30 F, No Room Required, 12:15-14:15 T, No Room Required, Partially Online; Erica Schorr, Maria Ruud ; 4 cr.
35406 007 FWK, 07:00-15:30 F, No Room Required, 12:15-14:15 T, No Room Required, Partially Online; Erica Schorr, Maria Ruud ; 4 cr.
35407 008 FWK, 14:00-22:00 F, No Room Required, 07:00-15:30 F, No Room Required, 12:15-14:15 T, No Room Required, Partially Online; Erica Schorr, Maria Ruud ; 4 cr.
35408 009 FWK, 14:00-22:00 F, No Room Required, 07:00-15:30 F, No Room Required, 12:15-14:15 T, No

Room Required, Partially Online; Erica Schorr, Maria Ruud ; 4 cr.

5115 Interprofessional Health Care Informatics

(A-F or Audit;)

25637 001 LEC, Completely Online; Robin Austin ; 3 cr.

5116 Consumer Health Informatics

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

25638 001 LEC, Completely Online; Robin Austin ; 1 cr.

5117 Consumer Health Informatics Practicum

(S-N only; Prereq: [Grad student, [5116 or concurrent registration is required (or allowed) in 5116]] or instr consent)

25668 001 FWK, Completely Online; Robin Austin ; 1 cr.

5190 Essentials of Holistic Health Assessment and Foundational Clinical (A-F only; Prereq: Admission to MN Program)

25651 001 FWK, 08:00-09:55 T, Twin Cities Remote, 08:00-09:55 T, Twin Cities Remote, 08:00-09:55 T, Twin Cities Remote, Completely Online; Erica Timko Olson ; 3 cr.

25652 002 LAB, 10:00-11:55 T, No Room Required, 07:00-15:30 Th, No Room Required, In Person Term Based; Erica Timko Olson, Renee Dahring ; 3 cr.

25653 003 LAB, 10:00-11:55 T, No Room Required, 07:00-15:30 Th, No Room Required, In Person Term Based; Erica Timko Olson, Renee Dahring ; 3 cr.

25690 004 LAB, 10:00-11:55 T, No Room Required, 07:00-15:30 Th, No Room Required, In Person Term Based; Erica Timko Olson, Renee Dahring ; 3 cr.

34289 005 LAB, 12:20-14:15 W, No Room Required, 07:00-15:30 Th, No Room Required, In Person Term Based; Erica Timko Olson, Renee Dahring ; 3 cr.

34290 006 LAB, 12:20-14:15 W, No Room Required, 07:00-15:30 F, No Room Required, In Person Term Based; Erica Timko Olson, Renee Dahring ; 3 cr.

34291 007 LAB, 12:20-14:15 W, No Room Required, 07:00-15:30 F, No Room Required, In Person Term Based; Erica Timko Olson, Renee Dahring ; 3 cr.

34292 008 LAB, 14:30-16:25 W, No Room Required, 14:30-22:30 Th, No Room Required, In Person Term Based; Erica Timko Olson, Renee Dahring ; 3 cr.

34293 009 LAB, 14:30-16:25 W, No Room Required, 07:00-15:30 F, No Room Required, In Person Term Based; Erica Timko Olson, Renee Dahring ; 3 cr.

34294 010 LAB, 14:30-16:25 W, No Room Required, 07:00-15:30 F, No Room Required, 14:00-22:00 F, No Room Required, 07:00-15:30 F, No Room Required, In Person Term Based; Erica Timko Olson, Renee Dahring ; 3 cr.

5222 Advanced Human Physiology

(A-F or Audit;)

25615 001 LEC, 14:30-16:25 T, Twin Cities Remote, 14:30-16:25 T, Twin Cities Remote, 14:30-16:25 T, Twin Cities Remote, 14:30-16:25 T, Twin Cities Remote, 14:30-16:25 T, Twin Cities Remote, Completely Online; Derek Salisbury ; 2 cr.
25616 002 LEC, 11:15-13:10 T, Twin Cities Remote, Completely Online; Derek Salisbury ; 2 cr.
25821 003 LEC, 12:20-14:15 F, Twin Cities Remote, Completely Online; Derek Salisbury ; 2 cr.
25869 004 LEC, 14:30-16:25 F, Twin Cities Remote, Completely Online; Derek Salisbury ; 2 cr.

5226 Advanced Human Pathophysiology

(A-F or Audit;)

35420 001 LEC, Completely Online; Carol Flaten ; 2 cr.

5228 Pharmacology for Advanced Practice Nursing

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

25628 001 LEC, 10:10-12:05 F, Twin Cities Remote, Completely Online; Elena Geiger-Simpson, Kimberly Moore, Sarah Brumberg ; 2 cr.

5241 Nursing Leadership for Effective Practice

(A-F or Audit; Prereq: Final sem of MN Program)

25641 001 LEC, 09:05-12:05 T, Twin Cities Remote, Completely Online; Daniel Pesut ; 2 cr.

5505 Assessment and Support of Women in Labor

(S-N only; Prereq: Admission to DNP Program)

25851 001 FWK, Completely Online; Ann Forster Page, CNM ; 2 cr.

5611 Database Principles for Healthcare

(A-F only; Prereq: Graduate student or instructor consent)

34074 001 LEC, Completely Online; Lisiane Prunelli, Martin Michalowski ; 2 cr.

Nutrition (NUTR)

5624 Nutrition and Genetics

(Student Option; Prerequisites: Courses in Nutritional Biochemistry (e.g., NUTR 5625), and Vitamin and Mineral Biochemistry (e.g., NUTR 5622), or consent of instructor)

18895 001 LEC, 09:30-10:20 WF, Ruttan Hall 143, In Person Term Based; Moon-Suhn Ryu ; 2 cr.

5625 Nutritional Biochemistry

(Student Option; Prereq: BIOC 3021 or instr consent)

18583 001 LEC, 16:00-17:15 TTh, Borlaug Hall 335, In Person Term Based; Meets With: 001 ANSC 5625; Chi Chen ; 3 cr.

Occupational Therapy (OT)

1003 Introduction to Occupational Therapy

(A-F only;)

26974 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)

26941 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

Off-Campus Study (OCS)

Office of Undergrad Education (OUE)

1086 The First Year Experience: Fall

(A-F only; Prereq: 1st-yr student athletes)

26874 001 LEC, 19:00-20:15 M, Nicholson Hall 275, Partially Online; Zhuldyz Amankulova, Kelly Collins ; 2 cr.

26875 002 DIS, 08:15-09:30 T, Bierman Field Athl Bldg 620, Partially Online; Zhuldyz Amankulova, Kelly Collins ; 2 cr.

26876 003 DIS, 09:45-11:00 T, Bierman Field Athl Bldg 620, In Person Term Based; Zhuldyz Amankulova, Kelly Collins ; 2 cr.

26877 004 DIS, 09:45-11:00 Th, Bierman Field Athl Bldg 620, Partially Online; Zhuldyz Amankulova, Kelly Collins ; 2 cr.

26878 006 DIS, 19:00-20:15 W, Bierman Field Athl Bldg 620, Partially Online; Zhuldyz Amankulova, Kelly Collins ; 2 cr.

2001 Academic Planning and Exploration

(A-F only;)

26872 008 IND, Completely Online; Aya Maruyama ; 1 cr.

26873 001 IND, 15:35-17:30 W, Twin Cities Remote, 15:35-17:30 W, Twin Cities Remote, Completely Online; Lucy Reile ; 1 cr.

26884 005 IND, 15:35-17:30 W, Twin Cities Remote, 15:35-17:30 W, Twin Cities Remote, Completely Online; Hannah Boldt ; 1 cr.

26910 002 IND, 10:10-12:05 F, Twin Cities Remote, 10:10-12:05 F, Twin Cities Remote, Completely Online; Amanda Niskode-Dossett ; 1 cr.

26911 003 IND, 12:20-14:15 F, Twin Cities Remote, 12:20-14:15 F, Twin Cities Remote, Completely Online; Jessie Behr ; 1 cr.

26913 006 IND, 10:10-12:05 F, Twin Cities Remote, 10:10-12:05 F, Twin Cities Remote, Completely Online; Wendy Nicholson-Kotas ; 1 cr.

26931 007 IND, 12:20-14:15 F, Twin Cities Remote, 12:20-14:15 F, Twin Cities Remote, Completely Online; Lisa Clark ; 1 cr.

35313 004 IND, 15:00-16:00 Th, Bruininks Hall 131A, Primarily Online; Aya Maruyama ; 1 cr.

3050 Introduction to Peer Education

(Student Option;)

26937 001 LEC, 14:30-15:20 Th, Twin Cities Remote, Completely Online; Brett Gray ; 1 cr.

Ojibwe (OJIB)

1101 Beginning Ojibwe I

(Student Option;)

15103 001 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 OJIB 4101; Zoe Brown ; 5 cr.

17950 301 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Zoe Brown ; 5 cr.

3103 Intermediate Ojibwe I

(Student Option; Prereq: 1101, 1102)

15104 001 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 OJIB 4103; Zoe Brown ; 5 cr.

17952 301 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Zoe Brown ; 5 cr.

4101 Beginning Ojibwe I

(Student Option; Prereq: community member, see department for permission to enroll.)

16799 001 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 OJIB 1101; Zoe Brown ; 3 cr.

18238 301 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Zoe Brown ; 3 cr.

4103 Intermediate Ojibwe I

(Student Option; Prereq: 1101, 3103, community member, see department for permission to enroll.)

16800 001 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 OJIB 3103; Zoe Brown ; 3 cr.

33432 301 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Zoe Brown ; 3 cr.

5106 Advanced Ojibwe Language I

(A-F or Audit;)

15068 001 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; Brendan Fairbanks ; 3 cr.

5202 Ojibwe Mastery I

(A-F or Audit;)

16518 001 LEC, 15:35-16:25 MWF, Twin Cities Remote, Completely Online; Brendan Fairbanks ; 3 cr.

5250 Ojibwe Master Class

(A-F or Audit;)

17963 001 DIS, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Brendan Fairbanks ; 3 cr.

Ophthalmology (OPH)

5601 Orthoptics V

(S-N only; Prereq: Enrollment in Orthoptics Certificate program)

24836 001 FWK, In Person Term Based; 5 cr.

Oral Biology (OBIO)

5001 Methods in Research and Writing

(Student Option;)

19590 001 LEC, 15:30-17:00 Th, Twin Cities Remote, Completely Online; Julie Olson ; 2 cr.

5030 Virology Research Presentations

(S-N only;)

19767 001 DIS, 12:15-13:05 W, Jackson Hall 2-137, 12:15-13:05 W, ONLINE BLENDED, Partially Online; Louis Mansky ; 1 cr.

5050 Evolution of Emerging Viruses

(A-F or Audit;)

34633 001 LEC, 09:05-09:55 TTh, Weaver-Densford Hall W2120, 09:05-09:55 TTh, ONLINE BLENDED, Partially Online; Louis Mansky ; 2 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.)

19602 001 FWK, 00:00-00:00 , In Person Term Based; Robert Nadeau ; 0-6 cr.

5276 Medicine Rotation for the Oral and Maxillofacial Surgeon

(S-N only; Prereq: Participation in oral and maxillofacial surgery training program.)

19601 001 FWK, 06:30-07:30 TWThFSa, No Room Required, In Person Term Based; Robert Nadeau ; 0-6 cr.

Org Leadership, Policy & Dev (OLPD)

1303 Leadership in the Organizational Context

(A-F only;)

31929 001 LEC, 16:40-19:20 W, Twin Cities Remote, Completely Online; Carmine Perrotti ; 3 cr.

31930 002 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Amie Bergersen ; 3 cr.

31931 003 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Amie Bergersen ; 3 cr.

31932 004 LEC, 16:40-19:20 M, Twin Cities Remote, Completely Online; Nisma Elias ; 3 cr.

1461 Presentations in Work Settings: Business & Marketing Education and Human Resource Development

(A-F or Audit; CIV)

13084 001 LEC, Completely Online; Heather Dorsey ; 3 cr.

13085 002 LEC, Completely Online; Heather Dorsey ; 3 cr.

31934 003 LEC, Completely Online; Heather Dorsey ; 3 cr.

2811 Societies of the Future: Changing Work Contexts

(A-F or Audit; TS)

11943 001 DIS, Completely Online; Meg Fitzgerald-Sisk ; 3 cr.

11944 002 DIS, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Michael Stebleton ; 3 cr.

13053 003 DIS, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Gary Peter ; 3 cr.

31935 004 DIS, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Gary Peter ; 3 cr.

2811H Societies of the Future: Changing Work Contexts, Honors

(A-F only; Prereq: Honors studentTS)

13387 001 DIS, Completely Online; Meg Fitzgerald-Sisk ; 3 cr.

3202 Introduction to Strategies for Teaching Adults

(A-F or Audit;)

11903 001 LEC, Completely Online; Louis Quast ; 3 cr.

3305 Learning About Leadership Through Film and Literature

(Student Option;)

33193 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Todd Williams ; 3 cr.

3308 Data-Driven Decision-Making in BME and HRD

(A-F only;)

13281 002 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Minjung Kim ; 3 cr.

13371 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Sehoon Kim ; 3 cr.

3318 Introduction to Project Management

(Student Option;)

11935 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Jaekyo Seo ; 3 cr.

12764 002 LEC, Completely Online; Meg Fitzgerald-Sisk ; 3 cr.

12962 003 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meg Fitzgerald-Sisk ; 3 cr.

3324W Writing in the Workplace for Education and Human Development Majors

(Student Option; Prereq: 60+ undergraduate credits, declared majorWI)

13056 001 DIS, Completely Online; Barbara Hodne ; 4 cr.

13057 002 DIS, Completely Online; Barbara Hodne ; 4 cr.

3401 Teaching Marketing Promotion

(A-F or Audit;)

11905 001 LEC, Completely Online; Jonathan Stuart ; 3 cr.

5611 Facilitation and Meeting Skills

(Student Option;)
13006 001 DIS, 09:00-11:00 Sa, ONLINE, 09:00-11:00 Sa,
ONLINE, Online & Distance Lrng (ODL); Lisa Wocken ; 3
cr.

5615 Training and Development of Human Resources

(A-F or Audit; Prereq: Grad student only)
12937 001 LEC, 16:40-19:20 T, ONLINE, Online & Distance
Lrng (ODL); David Christesen ; 3 cr.

5616 Training on the Internet

(Student Option; Prereq: Grad student only)
33233 001 IND, Completely Online; Joshua Collins ; 3 cr.

5619 Planning and Decision-Making Skills

(Student Option;)
33222 001 DIS, 09:00-11:00 Sa, ONLINE, 09:00-11:00 Sa,
ONLINE, Online & Distance Lrng (ODL); Lisa Wocken ; 1
cr.

5696 Internship: Human Resource Development

(S-N or Audit; Prereq: [[3901 or HRD 3601, [3696 or
HRD 3196], [3620 or 3640 or HRD 3201 or HRD 3301],
[3202 or ADED 3101], undergrad] or [[5607 or 5615 or
HRD 5201 or HRD 5301], [5801 or WHRE 5001], grad
student]], instr consent)
11937 001 FWK, Independent/Directed Study; David
Christesen ; 1-10 cr.

5701 U.S. Higher Education

(Student Option;)
11912 001 LEC, 16:40-19:20 W, Armory Building 116, Online
& Distance Lrng (ODL); Karen Miksch ; 3 cr.

5712 Multicultural Theories of College Student Development Applied to Teaching and Learning

(A-F only;)
13058 001 LEC, 16:40-19:20 M, Twin Cities Remote,
Completely Online; Rashne Jehangir ; 3 cr.

5801 Survey: Human Resource Development and Adult Education

(Student Option; Prereq: Grad student only)
12702 001 LEC, Completely Online; Stephanie Sisco ; 3 cr.

Otolaryngology (OTOL)**5993 Directed Studies**

(Student Option; Prereq: instr consent)
24408 001 IND, 00:00-00:00 , , In Person Term Based; 1-12
cr.

Pharmacology (PHCL)**2001 Basic Principles of Pharmacology: A Drug's Fantastic Voyage**

(A-F only; Prereq: First-year chemistry)
24797 001 LEC, 13:25-14:15 MW, Moos Health Sci Tower
5-125, 13:25-14:15 MW, ONLINE BLENDED, Partially
Online; Gregory Connell ; 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)
24631 001 LEC, 09:05-09:55 TTh, Moos Health Sci Tower
5-125, 09:05-09:55 TTh, ONLINE BLENDED, Partially
Online; Gregory Connell ; 2 cr.

4010 Current Research Topics in Pharmacology

(A-F only; Prereq: Upper div or instr consent)
24760 001 DIS, 12:20-14:15 F, Health Sci Ed Ctr 4103/4105,
12:20-14:15 F, ONLINE BLENDED, Partially Online;
Hiroshi Hiasa ; 2 cr.

4020 Chemotherapy: from current anticancer drugs to future cancer therapeutics

(A-F only; Prereq: College-level biology: PHCL 2001
and/or PHCL3100, GCD4151 recommended.)
24837 001 LEC, 14:30-15:20 M, Nils Hasselmo Hall 2-101,
14:30-16:25 W, Nils Hasselmo Hall 2-101, 14:30-15:20 M,

ONLINE BLENDED, 14:30-16:25 W, ONLINE BLENDED,
Partially Online; Hiroshi Hiasa, Cheuk Leung ; 3 cr.

4343 Pharmacology of the Synapse

(A-F only;)
24902 001 LEC, 16:40-17:30 M, Twin Cities Remote,
Completely Online; Anna Lee ; 3 cr.

4993 Directed Studies

(S-N only; Prereq: instr consent, dept consent)
24764 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)
24765 001 IND, 00:00-00:00 , , Independent/Directed Study;
Hiroshi Hiasa ; 1-3 cr.

5109 Problems in Pharmacology

(Student Option; Prereq: Upper div or grad student
or instr consent Keywords: Pharmacology, Directed,
Independent Study, Biomedical, Basic Science,
Research, Drug)
24444 001 IND, 14:00-17:00 TTh, AHC ROOM TBA,
14:00-17:00 TTh, ONLINE BLENDED, In Person Term
Based; Colin Campbell, Ezequiel Marron Fernandez de
Velasco ; 1-18 cr.

5110 Introduction to Pharmacology

(A-F or Audit; Prereq: Grad student or instr consent
Keywords: Introduction, Pharmacology, Molecular,
Drug, Pharmacokinetics, Pharmacodynamics,
Protein, Neuropharmacology, Chemotherapy,
Pharmacokinetics)
24264 001 LEC, 15:30-17:30 W, Twin Cities Remote,
15:30-17:00 M, Twin Cities Remote, Completely Online;
Colin Campbell, Timothy Walseth, Steven Graves ; 3 cr.

5112 A Graduate Toolkit I: An Introduction to the Scientific Research Lab

(A-F only; Prereq: instr consent Keywords: Basic
Science, Pharmacology, Personnel, Writing,
Presentation, Protein, DNA, Molecule, Microscope,
Bioinformatics, Drug)
24762 001 LEC, 11:15-12:05 MW, Twin Cities Remote,
Completely Online; Nicholas Levinson ; 1 cr.

5113 A Graduate Toolkit II: Scientific Speaking and Writing for Graduate Students

(A-F only; Prereq: Completion of one yr of a grad
program Keywords: Pharmacology, Basic Science,
Writing, Presentation, Practice, Thesis, Dissertation)
24763 001 DIS, 15:00-17:00 T, Health Sciences Ed Ctr
2-101AB, 11:00-13:00 F, Health Sciences Ed Ctr 2-101AB,
15:00-17:00 T, ONLINE BLENDED, 11:00-13:00 F,
ONLINE BLENDED, Partially Online; Tanya Freedman ; 2
cr.

Pharmacy (PHAR)**1001 Orientation to Pharmacy**

(Student Option;)
25937 001 IND, Completely Online; Morgan Stoa ; 2 cr.

1002 Medical Terminology

(Student Option;)
25938 001 IND, Completely Online; Jody Lounsbury ; 2 cr.

1003 Non-Prescription Medications and Self-Care: Treating Minor Conditions

(Student Option;)
25939 001 IND, Completely Online; Anna Milone ; 2 cr.

1004 Common Prescription Drugs and Diseases

(Student Option;)
25940 001 IND, Completely Online; Kristyn Williamson, Anna
Milone ; 2 cr.

3206 Foundations of Health Literacy

(Student Option;)
25971 001 IND, Completely Online; Anna Milone, Jody
Lounsbury ; 3 cr.

3700 Fundamentals of Pharmacotherapy

(A-F or Audit; Prereq: Medical terminology
recommended)
25941 001 IND, Completely Online; Kristyn Williamson, Anna
Milone ; 3 cr.

3800 Pharmacotherapy for the Health Professions

(A-F only; Prereq: Anatomy and physiology)
25943 001 IND, Completely Online; Morgan Stoa ; 3 cr.
25944 002 IND, Completely Online; Morgan Stoa ; 3 cr.

4204W Drugs and the U.S. Healthcare System

(Student Option; CIV,WI)
25950 001 IND, Completely Online; Anna Milone ; 3 cr.

5201 Applied Medical Terminology

(Student Option; Prereq: Basic knowledge of human
anatomy/physiology)
25936 001 IND, Completely Online; Jody Lounsbury ; 2 cr.

5204 Drugs and the US Healthcare System

(Student Option;)
25951 001 IND, Completely Online; Anna Milone ; 3 cr.

5230 Principles of Clinical Pharmacology Research

(A-F only; Prereq: 3rd Year Pharmacy Student or instr
consent)
25998 001 LEC, 10:10-12:05 M, Twin Cities Remote, In
Person Term Based; Meets With: 001 ECP 8230; Mark
Kirstein ; 2 cr.

5270 Therapeutics of Herbal and Other Natural Medicinals

(A-F or Audit; Prereq: organic chemistry,
pathophysiology of disease states, 3rd or 4th yr PHAR)
33046 001 LEC, In Person Term Based; Richard Kingston ; 2
cr.

5310 Topics in Pharmacy Ethics (Pandemics)

(A-F only;)
35450 001 DIS, 18:00-20:00 W, , Primarily Online; Tim
Stratton ; 2 cr.

5700 Applied Fundamentals of Pharmacotherapy

(A-F only; Prereq: Medical terminology recommended)
25942 001 IND, Completely Online; Kristyn Williamson, Anna
Milone ; 3 cr.

5800 Pharmacotherapy for the Health Professions

(A-F only; Prereq: Anatomy and physiology)
25947 001 IND, Completely Online; Morgan Stoa ; 3 cr.

Philosophy (PHIL)**1001 Introduction to Logic**

(Student Option; MATH)
13685 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Samuel Fletcher ; 4 cr.
13686 003 DIS, 11:15-12:05 M, Twin Cities Remote,
Completely Online; 4 cr.
13687 002 DIS, 10:10-11:00 M, Twin Cities Remote,
Completely Online; 4 cr.
13688 004 DIS, 10:10-11:00 W, Twin Cities Remote,
Completely Online; 4 cr.
14804 005 DIS, 11:15-12:05 W, Twin Cities Remote,
Completely Online; 4 cr.
16857 010 LEC, Completely Online; Christopher Small ; 4 cr.

1002W Introduction to Philosophy

(Student Option; AH,WI)
15992 001 LEC, 13:25-14:15 MWF, Twin Cities Remote,
Completely Online; Max Dresow ; 4 cr.
15993 002 DIS, 13:25-14:15 Th, Twin Cities Remote,
Completely Online; 4 cr.
15994 003 DIS, 14:30-15:20 Th, Twin Cities Remote,
Completely Online; 4 cr.

1003W Introduction to Ethics

(Student Option; CIV,WI)
15995 001 LEC, Completely Online; Michelle Mason Bizri ; 4
cr.
16361 002 DIS, Completely Online; 4 cr.
16362 003 DIS, Completely Online; 4 cr.
16363 004 DIS, Completely Online; 4 cr.
33122 005 DIS, Completely Online; 4 cr.

1004W Introduction to Political Philosophy

(Student Option; AH,WI,CIV)

13647 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Sarah Holtman ; 4 cr.
 13648 002 DIS, 09:05-09:55 T, Twin Cities Remote, Completely Online; 4 cr.
 13649 003 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 15109 004 DIS, 10:10-11:00 T, Twin Cities Remote, Completely Online; 4 cr.
 15546 005 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.

1005 Scientific Reasoning

(Student Option; Prereq: [1st or 2nd] yr student or instr consent)

33174 001 LEC, 09:45-11:00 TTh, Anderson Hall 270, In Person Term Based; Alan Love ; 4 cr.
 33176 003 DIS, 10:10-11:00 W, Anderson Hall 210, In Person Term Based; 4 cr.

1006W Philosophy and Cultural Diversity

(Student Option; AH,WI,DSJ)

16851 001 LEC, Completely Online; Jessica Gordon-Roth ; 4 cr.
 16852 002 DIS, 11:15-12:05 T, Twin Cities Remote, Completely Online; 4 cr.
 16853 003 DIS, 12:20-13:10 T, Twin Cities Remote, Completely Online; 4 cr.
 16854 004 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.
 16855 005 DIS, 12:20-13:10 Th, Twin Cities Remote, Completely Online; 4 cr.

1007 Introduction to Political Philosophy Practicum

(Student Option; Prereq: concurrent registration is required (or allowed) in 1004W)

15376 001 FWK, 00:00-00:00 , ONLINE, Completely Online; Sarah Holtman ; 1 cr.

1914 Space and Time: from Aristotle to Einstein

(Student Option;)

33473 001 DIS, 13:00-14:15 TTh, Blegen Hall 10, In Person Term Based; Jos Uffink ; 3 cr.

1916W What's So Great About Classical Music?

(Student Option; WI)

33695 001 LEC, 13:25-15:55 F, Twin Cities Remote, Completely Online; Michael Kac ; 3 cr.

3001W General History of Western

Philosophy: Ancient Period

(Student Option; AH,WI)

17997 001 LEC, 12:20-13:10 MWF, Twin Cities Remote, Completely Online; Tamara Fakhoury ; 4 cr.
 17998 002 DIS, Completely Online; 4 cr.
 17999 003 DIS, Completely Online; 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 3307 or concurrent registration is required (or allowed) in 3308], instr consent)

18246 001 FWK, Completely Online; Sarah Holtman ; 1 cr.

3304 Law and Morality

(Student Option;)

33173 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Sarah Holtman ; 3 cr.

3305 Medical Ethics

(Student Option;)

15110 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Yoshinari Yoshida ; 4 cr.
 16865 002 DIS, 09:05-09:55 W, Twin Cities Remote, Completely Online; 4 cr.
 16866 003 DIS, 10:10-11:00 W, Twin Cities Remote, Completely Online; 4 cr.

3311W Introduction to Ethical Theory

(Student Option; WI)

17337 001 DIS, Completely Online; Michelle Mason Bizri ; 4 cr.

3601W Scientific Thought

(Student Option; Prereq: One course in philosophy or natural science(WI))

14443 001 LEC, 09:20-11:00 TTh, Twin Cities Remote, Completely Online; Jos Uffink ; 4 cr.

3993 Directed Studies

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

13730 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

4414 Political Philosophy

(Student Option; Prereq: 1004 or instr consent)

17523 001 LEC, 16:40-19:10 M, Twin Cities Remote, Completely Online; Meets With: 001 GER 5610001 PHIL 5414; Matthias Rothe ; 3 cr.

4605 Space and Time

(Student Option; Prereq: Courses in [philosophy or physics] or instr consent)

33186 001 LEC, 14:30-15:45 TTh, Blegen Hall 5, In Person Term Based; Meets With: 001 PHIL 5605; Samuel Fletcher ; 3 cr.

4760 Selected Topics in Philosophy

(Student Option; Prereq: 3 [3xxx-5xxx] cr in philosophy or instr consent)

35111 001 LEC, 09:45-11:00 MF, Twin Cities Remote, Completely Online; Meets With: 001 PHIL 5760; Tamara Fakhoury ; 3 cr.

4993 Directed Studies

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

13729 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)

15059 001 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.

5201 Symbolic Logic I

(Student Option; Prereq: 1001 or instr consent)

33184 001 LEC, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; Catharine Saint-Croix ; 4 cr.
 33185 002 DIS, 13:25-14:15 W, Twin Cities Remote, Completely Online; Catharine Saint-Croix ; 4 cr.

5222 Philosophy of Mathematics

(Student Option; Prereq: College level logic or mathematics course or instr consent)

33287 001 LEC, 16:00-18:30 T, Twin Cities Remote, Completely Online; Geoffrey Hellman ; 3 cr.

5414 Political Philosophy

(Student Option; Prereq: 1004 or instr consent)

33169 001 LEC, 16:40-19:10 M, Twin Cities Remote, Completely Online; Meets With: 001 PHIL 4414001 GER 5610; Matthias Rothe ; 3 cr.

5602 Scientific Representation and Explanation

(Student Option; Prereq: instr consent)

33291 001 LEC, 16:00-18:30 Th, Blegen Hall 150, In Person Term Based; Meets With: 001 PHIL 8602; Alan Love ; 3 cr.

5605 Space and Time

(Student Option; Prereq: Courses in [philosophy or physics] or instr consent)

33289 001 LEC, 14:30-15:45 TTh, Blegen Hall 5, In Person Term Based; Meets With: 001 PHIL 4605; Samuel Fletcher ; 3 cr.

5760 Selected Topics in Philosophy

(Student Option; Prereq: 3xxx-5xxx course in phil or instr consent)

33489 001 DIS, 09:45-11:00 MF, Twin Cities Remote, Completely Online; Meets With: 001 PHIL 4760; Tamara Fakhoury ; 3 cr.

5993 Directed Studies

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

13731 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

Physical Education (PE)

1012 Beginning Running

(Student Option No Audit;)

13380 001 LAB, Completely Online; Jackson Groomwald ; 1 cr.
 13381 002 LAB, 09:05-09:55 MW, ONLINE BLENDED, 09:05-09:55 MW, Room TBA, Partially Online; Jackson Groomwald ; 1 cr.

13382 003 LAB, 08:00-08:50 TTh, ONLINE BLENDED, 08:00-08:50 TTh, Room TBA, Partially Online; Jackson Groomwald ; 1 cr.

33645 004 LAB, Completely Online; Jackson Groomwald ; 1 cr.
 35449 005 LAB, Completely Online; Hannah Silva-Breen ; 1 cr.

1014 Conditioning

(Student Option No Audit;)

11987 001 LAB, 08:00-08:50 MW, U Of M Field House 50, Partially Online; Abigail Berry ; 1 cr.
 11988 002 LAB, 09:05-09:55 MW, U Of M Field House 50, Partially Online; Abigail Berry ; 1 cr.
 11989 005 LAB, 08:00-08:50 TTh, U Of M Field House 50, Partially Online; Michael Urvig ; 1 cr.
 11990 006 LAB, 09:05-09:55 TTh, U Of M Field House 50, Partially Online; Abigail Berry ; 1 cr.
 12887 007 LAB, 10:10-11:00 TTh, U Of M Field House 50, Partially Online; Michael Urvig ; 1 cr.
 33649 003 LAB, Completely Online; Hannah Silva-Breen ; 1 cr.
 33652 008 LAB, 11:15-12:05 TTh, U Of M Field House 50, Partially Online; Michael Urvig ; 1 cr.
 33653 010 LAB, Completely Online; Orianna Olson ; 1 cr.

1015 Weight Training

(Student Option No Audit;)

11991 001 LAB, 08:00-08:50 MW, University Rec Center 220, Partially Online; Michael Urvig ; 1 cr.
 11992 002 LAB, 09:05-09:55 MW, University Rec Center 220, Partially Online; Michael Urvig ; 1 cr.
 11993 003 LAB, 10:10-11:00 MW, University Rec Center 220, Partially Online; Michael Urvig ; 1 cr.
 11994 005 LAB, 09:05-09:55 TTh, University Rec Center 220, Partially Online; Benjamin Kohler ; 1 cr.
 11995 006 LAB, 10:10-11:00 TTh, University Rec Center 220, Partially Online; Abigail Berry ; 1 cr.
 12534 004 LAB, 08:00-08:50 TTh, University Rec Center 220, Partially Online; Benjamin Kohler ; 1 cr.

1016 Posture and Individual Exercise

(Student Option No Audit;)

12987 001 LAB, 08:00-08:50 MW, Cooke Hall 308, Partially Online; Alexandra Eady ; 1 cr.
 13126 002 LAB, 09:05-09:55 MW, Cooke Hall 308, Partially Online; Alexandra Eady ; 1 cr.
 33671 003 LAB, 10:10-11:00 MW, Cooke Hall 308, Partially Online; Alexandra Eady ; 1 cr.
 34543 004 LAB, 11:15-12:05 MW, Cooke Hall 308, Partially Online; Alexandra Eady ; 1 cr.
 35333 005 LAB, Completely Online; Amanda Frayeh ; 1 cr.
 35334 006 LAB, Completely Online; Amanda Frayeh ; 1 cr.

1031 Sabre Fencing

(Student Option No Audit;)

12006 001 LAB, 09:05-09:55 TTh, Cooke Hall 308, Partially Online; J Sobalvarro ; 1 cr.

1032 Badminton

(Student Option No Audit;)

34139 002 LAB, 10:10-11:00 MW, Cooke Hall 325, Partially Online; Rahul Rajan ; 1 cr.
 34140 003 LAB, 11:15-12:05 MW, Cooke Hall 325, Partially Online; Rahul Rajan ; 1 cr.

1033 Foil Fencing

(Student Option No Audit;)

12005 001 LAB, 10:10-11:00 TTh, Cooke Hall 308, Partially Online; J Sobalvarro ; 1 cr.
 12963 002 LAB, 11:15-12:05 TTh, Cooke Hall 308, Partially Online; J Sobalvarro ; 1 cr.

1035 Karate

(Student Option No Audit;)

11983 001 LAB, 10:10-11:45 F, Cooke Hall 325, In Person Term Based; Trung Le ; 1 cr.

1038 Beginning Tennis

(Student Option No Audit;)

11998 001 LAB, 08:00-08:50 MW, Ridder Arena/Baseline 106, Partially Online; Susan Allen ; 1 cr.
 11999 002 LAB, 09:05-09:55 MW, Ridder Arena/Baseline 106, Partially Online; Susan Allen ; 1 cr.
 12000 003 LAB, 10:10-11:00 MW, Ridder Arena/Baseline 106, Partially Online; Susan Allen ; 1 cr.
 12001 004 LAB, 11:15-12:05 MW, Ridder Arena/Baseline 106, Partially Online; Susan Allen ; 1 cr.
 12002 005 LAB, 08:00-08:50 TTh, Ridder Arena/Baseline 106, Partially Online; Daniel Haertl ; 1 cr.
 12003 006 LAB, 09:05-09:55 TTh, Ridder Arena/Baseline 106, Partially Online; Daniel Haertl ; 1 cr.
 12004 007 LAB, 10:10-11:00 TTh, Ridder Arena/Baseline 106, Partially Online; Daniel Haertl ; 1 cr.

12535 008 LAB, 11:15-12:05 TTh, Ridder Arena/Baseline
106, Partially Online; Daniel Haertl ; 1 cr.

1044 Self-Defense

(Student Option No Audit;)
11984 001 LAB, 08:00-08:50 MW, University Rec Center
320, Partially Online; Mary Brandl ; 1 cr.
12093 002 LAB, 09:05-09:55 MW, University Rec Center
320, Partially Online; Mary Brandl ; 1 cr.
12183 003 LAB, 13:25-15:05 M, University Rec Center 320,
In Person Term Based; Kara Winter ; 1 cr.
12480 004 LAB, 09:05-09:55 TTh, University Rec Center
320, In Person Term Based; Trung Le ; 1 cr.
12494 005 LAB, 10:10-11:00 TTh, University Rec Center
320, In Person Term Based; Trung Le ; 1 cr.
12811 006 LAB, 18:45-20:30 W, St. Paul Gymnasium 37,
Partially Online; Kara Winter ; 1 cr.
12888 007 LAB, 13:25-15:15 F, Cooke Hall 325, In Person
Term Based; Trung Le ; 1 cr.

1045 Rock Climbing

(Student Option No Audit; Prereq: Good general health,
no [neck or back] problems)
13210 001 LAB, 08:00-09:40 M, University Rec Center 68B,
Partially Online; Taber Tang ; 1 cr.
13211 002 LAB, 10:10-11:50 M, University Rec Center 68B,
Partially Online; Taber Tang ; 1 cr.
13212 003 LAB, 10:10-11:50 T, University Rec Center 68B,
Partially Online; Taber Tang ; 1 cr.
13213 004 LAB, 08:00-09:40 T, University Rec Center 68B,
Partially Online; Taber Tang ; 1 cr.
13378 005 LAB, 10:10-11:50 W, University Rec Center 68B,
Partially Online; Benjamin Phaneuf ; 1 cr.
13379 006 LAB, 08:00-09:40 W, University Rec Center 68B,
Partially Online; Benjamin Phaneuf ; 1 cr.
13390 007 LAB, 08:00-09:40 Th, University Rec Center 68B,
Partially Online; Benjamin Phaneuf ; 1 cr.
34141 008 LAB, 10:10-11:50 Th, University Rec Center 68B,
Partially Online; Bryan Karban ; 1 cr.

1046 Tae Kwon Do

(Student Option No Audit;)
12417 001 LEC, 09:05-09:55 TTh, Cooke Hall 325, In Person
Term Based; Aaron Kim ; 1 cr.
12418 002 LEC, 10:10-11:00 TTh, Cooke Hall 325, In Person
Term Based; Aaron Kim ; 1 cr.
13138 003 LEC, 11:15-12:05 TTh, Cooke Hall 325, In Person
Term Based; Aaron Kim ; 1 cr.

1048 Bowling

(Student Option No Audit;)
11996 001 LAB, 09:05-09:55 MW, Coffman Memorial Union
B3, Partially Online; Michael Schmid ; 1 cr.
12481 002 LAB, 10:10-11:00 MW, Coffman Memorial Union
B3, Partially Online; Michael Schmid ; 1 cr.
12482 008 LAB, 12:20-13:10 ThT, Coffman Memorial Union
B3, Partially Online; Jason Hanson ; 1 cr.
12483 004 LAB, 12:20-13:10 MW, Coffman Memorial Union
B3, Partially Online; Michael Schmid ; 1 cr.
12484 003 LAB, 11:15-12:05 MW, Coffman Memorial Union
B3, Partially Online; Michael Schmid ; 1 cr.
12606 006 LAB, 10:10-11:00 TTh, Coffman Memorial Union
B3, Partially Online; Jason Hanson ; 1 cr.
12607 007 LAB, 11:15-12:05 TTh, Coffman Memorial Union
B3, Partially Online; Jason Hanson ; 1 cr.
12643 005 LAB, 09:05-09:55 TTh, Coffman Memorial Union
B3, Partially Online; Jason Hanson ; 1 cr.

1071 Beginning Cricket

(Student Option No Audit;)
13209 001 LAB, 09:05-10:45 F, University Rec Center 451,
In Person Term Based; Charles Peterson ; 1 cr.

1072 Soccer

(Student Option No Audit;)
12568 003 LAB, 09:05-10:45 TTh, Student Recreation Sports
Dome, In Person Term Based; Viktor Adamcsek ; 1 cr.
12569 004 LAB, 11:15-12:55 TTh, Student Recreation Sports
Dome, In Person Term Based; Viktor Adamcsek ; 1 cr.

1076 Flag Football

(Student Option No Audit;)
12608 001 LAB, 08:00-09:40 TTh, TCF Bank Stadium Field
East, In Person Term Based; Jaime Medina ; 1 cr.

1205 Scuba and Skin Diving

(Student Option No Audit; Prereq: Ability to swim 400
yds comfortably or instr consent)
11985 001 LAB, 18:00-22:15 M, University Aquatic Center
45, Partially Online; Robert Karl ; 1 cr.
11986 002 LAB, 10:10-12:05 TTh, University Aquatic Center
45, Partially Online; 1 cr.
12094 003 LAB, 18:00-22:15 W, University Aquatic Center
45, Partially Online; Robert Karl ; 1 cr.

35508 007 LAB, 18:00-22:15 MW, University Aquatic Center
45, Partially Online; Robert Karl ; 1 cr.

1720 Special Activities in Physical

Education
(Student Option No Audit;)
35223 001 DIS, Completely Online; Eydie Kramer ; 1-3 cr.
35224 002 DIS, Completely Online; Eydie Kramer ; 1-3 cr.
35225 003 DIS, Completely Online; Viktor Adamcsek ; 1-3 cr.

Physical Therapy (PT)

1002 Orientation to Physical Therapy

(S-N or Audit;)
24286 001 LEC, 13:25-14:15 T, Twin Cities Remote,
Completely Online; Justin Staker ; 1 cr.

Physics (PHYS)

1001W Energy and the Environment

(Student Option; Prereq: 1 yr high school
algebraENV,WI,PHYS)
20830 100 LEC, 14:30-15:20 MWF, Twin Cities Remote,
Completely Online; Priscilla Cushman ; 4 cr.
20831 101 LAB, 10:10-12:05 Th, Twin Cities Remote,
Completely Online; 4 cr.
20832 102 LAB, 14:30-16:25 Th, Twin Cities Remote,
Completely Online; 4 cr.
20833 103 LAB, 16:40-18:35 Th, Twin Cities Remote,
Completely Online; 4 cr.
20834 104 LAB, 08:00-09:55 F, Twin Cities Remote,
Completely Online; 4 cr.
20835 105 LAB, 10:10-12:05 F, Twin Cities Remote,
Completely Online; 4 cr.
20836 106 LAB, 12:20-14:15 F, Twin Cities Remote,
Completely Online; 4 cr.

1101W Introductory College Physics I

(Student Option; Prereq: High school algebra, plane
geometry, trigonometry; primarily for students
interested in technical areasPHYS,WI)
20837 100 LEC, 13:25-14:15 MWF, Twin Cities Remote,
Completely Online; Vincent Noireaux ; 4 cr.
20838 102 DIS, 13:25-14:15 T, Twin Cities Remote,
Completely Online; 4 cr.
20839 103 LAB, 11:15-13:10 M, Twin Cities Remote,
Completely Online; 4 cr.
20840 104 DIS, 13:25-14:15 T, Twin Cities Remote,
Completely Online; 4 cr.
20841 105 LAB, 14:30-16:25 M, Twin Cities Remote,
Completely Online; 4 cr.
20842 106 DIS, 13:25-14:15 T, Twin Cities Remote,
Completely Online; 4 cr.
20843 107 LAB, 08:00-09:55 T, Twin Cities Remote,
Completely Online; 4 cr.
20844 108 DIS, 13:25-14:15 T, Twin Cities Remote,
Completely Online; 4 cr.
20845 109 LAB, 10:10-12:05 T, Twin Cities Remote,
Completely Online; 4 cr.
20846 122 DIS, 14:30-15:20 T, Twin Cities Remote,
Completely Online; 4 cr.
20847 126 DIS, 14:30-15:20 T, Twin Cities Remote,
Completely Online; 4 cr.
20848 127 LAB, 14:30-16:25 Th, Twin Cities Remote,
Completely Online; 4 cr.
20849 128 DIS, 14:30-15:20 T, Twin Cities Remote,
Completely Online; 4 cr.
20850 129 LAB, 16:40-18:35 Th, Twin Cities Remote,
Completely Online; 4 cr.
20851 130 DIS, 14:30-15:20 T, Twin Cities Remote,
Completely Online; 4 cr.
20852 131 LAB, 09:05-11:00 F, Twin Cities Remote,
Completely Online; 4 cr.
20853 200 LEC, 17:45-19:00 TTh, Twin Cities Remote,
Completely Online; Pete Border ; 4 cr.
20854 202 DIS, 19:15-20:05 T, Twin Cities Remote,
Completely Online; 4 cr.
20855 203 LAB, 16:40-18:35 M, Twin Cities Remote,
Completely Online; 4 cr.
20856 204 DIS, 19:15-20:05 T, Twin Cities Remote,
Completely Online; 4 cr.
20857 205 LAB, 14:30-16:25 T, Twin Cities Remote,
Completely Online; 4 cr.
20858 231 LAB, 17:45-19:40 W, Twin Cities Remote,
Completely Online; 4 cr.
21451 206 DIS, 19:15-20:05 T, Twin Cities Remote,
Completely Online; 4 cr.
21452 207 LAB, 12:20-14:15 T, Twin Cities Remote,
Completely Online; 4 cr.
21511 234 DIS, 20:15-21:05 T, Twin Cities Remote,
Completely Online; 4 cr.
21512 235 LAB, 10:10-12:05 Th, Twin Cities Remote,
Completely Online; 4 cr.

22697 124 DIS, 14:30-15:20 T, Twin Cities Remote,
Completely Online; 4 cr.
22698 230 DIS, 20:15-21:05 T, Twin Cities Remote,
Completely Online; 4 cr.
22869 123 LAB, 11:15-13:10 W, Twin Cities Remote,
Completely Online; 4 cr.
22870 125 LAB, 12:20-14:15 Th, Twin Cities Remote,
Completely Online; 4 cr.
23351 120 DIS, 14:30-15:20 T, Twin Cities Remote,
Completely Online; 4 cr.
23352 121 LAB, 09:05-11:00 W, Twin Cities Remote,
Completely Online; 4 cr.
23492 111 LAB, 15:35-17:30 W, Twin Cities Remote,
Completely Online; 4 cr.
23493 110 DIS, 13:25-14:15 T, Twin Cities Remote,
Completely Online; 4 cr.
23815 112 DIS, 13:25-14:15 T, Twin Cities Remote,
Completely Online; 4 cr.
23816 113 LAB, 16:40-18:35 T, Twin Cities Remote,
Completely Online; 4 cr.
23819 232 DIS, 20:15-21:05 T, Twin Cities Remote,
Completely Online; 4 cr.
23820 233 LAB, 08:00-09:55 Th, Twin Cities Remote,
Completely Online; 4 cr.

1107 Introductory Physics Online I

(Student Option; Prereq: High school algebra, plane
geometry, trigonometryPHYS)
22133 301 IND, 00:00-00:00 , ONLINE, Completely Online;
Pete Border ; 4 cr.

1221 Introductory Physics for Life Science Majors I

(Student Option; Prereq: High School or College
CalculusPHYS)
23609 100 LEC, 18:30-20:30 Th, Twin Cities Remote,
12:20-13:10 MWF, Twin Cities Remote, Completely
Online; Vincent Noireaux ; 4 cr.
23689 200 LEC, 18:30-20:30 Th, Twin Cities Remote,
16:40-17:30 MTW, Twin Cities Remote, Completely
Online; Jeremiah Mans ; 4 cr.
23721 101 DIS, 11:15-12:05 T, Twin Cities Remote,
Completely Online; 4 cr.
23722 102 LAB, 09:05-11:00 T, Twin Cities Remote,
Completely Online; 4 cr.
23723 103 DIS, 11:15-12:05 T, Twin Cities Remote,
Completely Online; 4 cr.
23724 104 LAB, 14:30-16:25 T, Twin Cities Remote,
Completely Online; 4 cr.
23725 105 DIS, 11:15-12:05 T, Twin Cities Remote,
Completely Online; 4 cr.
23726 106 LAB, 16:40-18:35 T, Twin Cities Remote,
Completely Online; 4 cr.
23727 107 DIS, 11:15-12:05 T, Twin Cities Remote,
Completely Online; 4 cr.
23728 108 LAB, 08:00-10:10 W, Twin Cities Remote,
Completely Online; 4 cr.
23729 109 DIS, 11:15-12:05 T, Twin Cities Remote,
Completely Online; 4 cr.
23730 110 LAB, 10:10-12:05 W, Twin Cities Remote,
Completely Online; 4 cr.
23731 121 DIS, 12:20-13:10 T, Twin Cities Remote,
Completely Online; 4 cr.
23732 122 LAB, 13:25-15:20 W, Twin Cities Remote,
Completely Online; 4 cr.
23733 123 DIS, 12:20-13:10 T, Twin Cities Remote,
Completely Online; 4 cr.
23734 124 LAB, 15:35-17:30 W, Twin Cities Remote,
Completely Online; 4 cr.
23735 125 DIS, 12:20-13:10 T, Twin Cities Remote,
Completely Online; 4 cr.
23736 126 LAB, 08:00-09:55 Th, Twin Cities Remote,
Completely Online; 4 cr.
23737 127 DIS, 12:20-13:10 T, Twin Cities Remote,
Completely Online; 4 cr.
23738 128 LAB, 10:10-12:05 Th, Twin Cities Remote,
Completely Online; 4 cr.
23739 129 DIS, 12:20-13:10 T, Twin Cities Remote,
Completely Online; 4 cr.
23740 130 LAB, 12:20-14:15 Th, Twin Cities Remote,
Completely Online; 4 cr.
23741 141 DIS, 13:25-14:15 T, Twin Cities Remote,
Completely Online; 4 cr.
23742 142 LAB, 14:30-16:25 Th, Twin Cities Remote,
Completely Online; 4 cr.
23743 143 DIS, 13:25-14:15 T, Twin Cities Remote,
Completely Online; 4 cr.
23744 144 LAB, 15:35-17:30 Th, Twin Cities Remote,
Completely Online; 4 cr.
23745 145 DIS, 13:25-14:15 T, Twin Cities Remote,
Completely Online; 4 cr.
23746 146 LAB, 08:00-09:55 F, Twin Cities Remote,
Completely Online; 4 cr.
23747 147 DIS, 13:25-14:15 T, Twin Cities Remote,
Completely Online; 4 cr.
23748 148 LAB, 10:10-12:05 F, Twin Cities Remote,
Completely Online; 4 cr.

23749 149 DIS, 13:25-14:15 T, Twin Cities Remote, Completely Online; 4 cr.	33773 200 LEC, 18:30-20:30 T, Twin Cities Remote, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Sudhakar Prasad ; 4 cr.	20879 311 LAB, 08:00-09:55 W, Twin Cities Remote, Completely Online; 4 cr.
23750 150 LAB, 13:25-15:20 F, Twin Cities Remote, Completely Online; 4 cr.	33790 201 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.	20880 210 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
23753 201 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.	33791 202 LAB, 12:20-14:15 M, Twin Cities Remote, Completely Online; 4 cr.	20881 211 LAB, 13:25-15:20 W, Twin Cities Remote, Completely Online; 4 cr.
23754 202 LAB, 08:00-09:55 T, Twin Cities Remote, Completely Online; 4 cr.	33792 203 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.	20884 336 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.
23755 203 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.	33793 204 LAB, 08:00-09:55 T, Twin Cities Remote, Completely Online; 4 cr.	20885 337 LAB, 11:15-13:10 M, Twin Cities Remote, Completely Online; 4 cr.
23756 204 LAB, 10:10-12:05 T, Twin Cities Remote, Completely Online; 4 cr.	33794 205 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.	20886 340 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.
23757 205 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.	33795 206 LAB, 13:25-15:20 W, Twin Cities Remote, Completely Online; 4 cr.	20887 341 LAB, 12:20-14:15 F, Twin Cities Remote, Completely Online; 4 cr.
23758 206 LAB, 12:20-14:15 T, Twin Cities Remote, Completely Online; 4 cr.	33796 211 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.	21232 115 LAB, 09:05-11:00 M, Twin Cities Remote, Completely Online; 4 cr.
23759 207 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.	33797 212 LAB, 13:25-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.	21233 139 LAB, 12:20-14:15 Th, Twin Cities Remote, Completely Online; 4 cr.
23760 208 LAB, 14:30-16:25 T, Twin Cities Remote, Completely Online; 4 cr.	33798 213 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.	21234 314 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.
23761 221 DIS, 16:40-17:30 Th, Twin Cities Remote, Completely Online; 4 cr.	33799 214 LAB, 14:30-16:25 M, Twin Cities Remote, Completely Online; 4 cr.	21235 315 LAB, 15:35-17:30 W, Twin Cities Remote, Completely Online; 4 cr.
23762 222 LAB, 08:00-09:55 W, Twin Cities Remote, Completely Online; 4 cr.	33800 215 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.	21251 100 LEC, 08:00-08:50 MTWF, ONLINE BLENDED, 08:00-08:50 MTWF, Tate Hall B50, Partially Online; Paul Haines ; 4 cr.
23763 223 DIS, 16:40-17:30 Th, Twin Cities Remote, Completely Online; 4 cr.	33801 216 LAB, 14:30-16:25 T, Twin Cities Remote, Completely Online; 4 cr.	21252 104 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
23764 224 LAB, 10:10-12:05 W, Twin Cities Remote, Completely Online; 4 cr.	33802 221 DIS, 12:20-13:10 Th, Twin Cities Remote, Completely Online; 4 cr.	21253 105 LAB, 14:30-16:25 M, Twin Cities Remote, Completely Online; 4 cr.
23765 225 DIS, 16:40-17:30 Th, Twin Cities Remote, Completely Online; 4 cr.	33803 222 LAB, 09:05-11:00 M, Twin Cities Remote, Completely Online; 4 cr.	21254 106 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
23766 226 LAB, 12:20-14:15 W, Twin Cities Remote, Completely Online; 4 cr.	33804 223 DIS, 12:20-13:10 Th, Twin Cities Remote, Completely Online; 4 cr.	21359 600 LEC, 18:20-19:50 MW, Twin Cities Remote, Completely Online; Nadja Strobbe ; 4 cr.
23767 227 DIS, 16:40-17:30 Th, Twin Cities Remote, Completely Online; 4 cr.	33805 224 LAB, 08:00-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.	21360 620 DIS, 21:00-21:50 M, Twin Cities Remote, Completely Online; 4 cr.
23768 228 LAB, 14:30-16:25 W, Twin Cities Remote, Completely Online; 4 cr.	33806 225 DIS, 12:20-13:10 Th, Twin Cities Remote, Completely Online; 4 cr.	21361 621 LAB, 14:30-16:25 T, Twin Cities Remote, Completely Online; 4 cr.
23769 241 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.	33807 226 LAB, 15:35-17:30 Th, Twin Cities Remote, Completely Online; 4 cr.	21529 604 DIS, 20:00-20:50 M, Twin Cities Remote, Completely Online; 4 cr.
23770 242 LAB, 09:05-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.	34799 207 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.	21530 605 LAB, 14:30-16:25 M, Twin Cities Remote, Completely Online; 4 cr.
23771 243 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.	34800 208 LAB, 17:45-19:40 Th, Twin Cities Remote, Completely Online; 4 cr.	21531 606 DIS, 20:00-20:50 M, Twin Cities Remote, Completely Online; 4 cr.
23772 244 LAB, 11:15-13:10 Th, Twin Cities Remote, Completely Online; 4 cr.	34801 217 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.	21532 607 LAB, 16:00-17:55 M, Twin Cities Remote, Completely Online; 4 cr.
23773 247 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.	34802 218 LAB, 12:20-14:15 F, Twin Cities Remote, Completely Online; 4 cr.	21533 626 DIS, 21:00-21:50 M, Twin Cities Remote, Completely Online; 4 cr.
23774 248 LAB, 09:05-11:00 F, Twin Cities Remote, Completely Online; 4 cr.	34803 227 DIS, 12:20-13:10 Th, Twin Cities Remote, Completely Online; 4 cr.	21534 627 LAB, 20:00-21:55 W, Twin Cities Remote, Completely Online; 4 cr.
23775 249 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.	34804 228 LAB, 14:30-16:25 F, Twin Cities Remote, Completely Online; 4 cr.	22444 608 DIS, 20:00-20:50 M, Twin Cities Remote, Completely Online; 4 cr.
23776 250 LAB, 11:15-13:10 F, Twin Cities Remote, Completely Online; 4 cr.		22445 609 LAB, 17:45-19:40 T, Twin Cities Remote, Completely Online; 4 cr.

1222 Introductory Physics for Life Science Majors II

(Student Option; Prereq: PHYS 1221 or equivalent PHYS)

23610 100 LEC, 18:30-20:30 T, Twin Cities Remote, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Aaron Wynveen ; 4 cr.
23779 105 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.
23780 106 LAB, 10:10-12:05 T, Twin Cities Remote, Completely Online; 4 cr.
23781 107 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.
23782 108 LAB, 12:20-14:15 T, Twin Cities Remote, Completely Online; 4 cr.
23783 109 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.
23784 110 LAB, 16:40-18:35 M, Twin Cities Remote, Completely Online; 4 cr.
23785 121 DIS, 12:20-13:10 Th, Twin Cities Remote, Completely Online; 4 cr.
23786 122 LAB, 09:05-11:00 W, Twin Cities Remote, Completely Online; 4 cr.
23787 123 DIS, 12:20-13:10 Th, Twin Cities Remote, Completely Online; 4 cr.
23788 124 LAB, 11:15-13:10 W, Twin Cities Remote, Completely Online; 4 cr.
23791 127 DIS, 12:20-13:10 Th, Twin Cities Remote, Completely Online; 4 cr.
23792 128 LAB, 16:40-18:35 W, Twin Cities Remote, Completely Online; 4 cr.
23795 141 DIS, 13:25-14:15 Th, Twin Cities Remote, Completely Online; 4 cr.
23796 142 LAB, 10:10-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.
23799 145 DIS, 13:25-14:15 Th, Twin Cities Remote, Completely Online; 4 cr.
23800 146 LAB, 08:00-09:55 F, Twin Cities Remote, Completely Online; 4 cr.
23801 147 DIS, 13:25-14:15 Th, Twin Cities Remote, Completely Online; 4 cr.
23802 148 LAB, 10:10-12:05 F, Twin Cities Remote, Completely Online; 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 1571 PHYS, WI)

20859 112 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
20860 113 LAB, 15:35-17:30 T, Twin Cities Remote, Completely Online; 4 cr.
20861 114 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
20862 107 LAB, 09:05-11:00 T, Twin Cities Remote, Completely Online; 4 cr.
20863 108 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
20864 109 LAB, 11:15-13:10 T, Twin Cities Remote, Completely Online; 4 cr.
20865 130 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
20866 131 LAB, 09:05-11:00 W, Twin Cities Remote, Completely Online; 4 cr.
20867 132 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
20868 133 LAB, 11:15-13:10 W, Twin Cities Remote, Completely Online; 4 cr.
20869 300 LEC, 10:10-11:00 MTWF, Twin Cities Remote, Completely Online; Aaron Wynveen ; 4 cr.
20870 302 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.
20871 303 LAB, 16:40-18:35 M, Twin Cities Remote, Completely Online; 4 cr.
20872 304 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.
20873 305 LAB, 12:20-14:15 T, Twin Cities Remote, Completely Online; 4 cr.
20874 306 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.
20875 307 LAB, 14:30-16:25 T, Twin Cities Remote, Completely Online; 4 cr.
20878 310 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.
22616 500 LEC, 14:30-15:20 MTWF, Twin Cities Remote, Completely Online; Ke Wang ; 4 cr.
22617 502 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.
22618 503 LAB, 12:20-14:15 M, Twin Cities Remote, Completely Online; 4 cr.
22619 504 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.
22620 505 LAB, 08:00-09:55 T, Twin Cities Remote, Completely Online; 4 cr.
22621 508 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.
22622 509 LAB, 09:05-11:00 W, Twin Cities Remote, Completely Online; 4 cr.
22623 510 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.
22624 511 LAB, 11:15-13:10 W, Twin Cities Remote, Completely Online; 4 cr.
22625 525 LAB, 10:10-12:20 Th, Twin Cities Remote, Completely Online; 4 cr.
22626 528 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.
22627 529 LAB, 08:00-09:55 F, Twin Cities Remote, Completely Online; 4 cr.
22699 138 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
22700 524 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.
22701 624 DIS, 21:00-21:50 M, Twin Cities Remote, Completely Online; 4 cr.
22702 625 LAB, 14:30-16:25 W, Twin Cities Remote, Completely Online; 4 cr.
23037 202 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
23038 203 LAB, 12:20-14:15 M, Twin Cities Remote, Completely Online; 4 cr.
23039 233 LAB, 12:20-14:15 F, Twin Cities Remote, Completely Online; 4 cr.
23040 530 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.
23041 531 LAB, 10:10-12:05 F, Twin Cities Remote, Completely Online; 4 cr.

23042 610 DIS, 20:00-20:50 M, Twin Cities Remote, Completely Online; 4 cr.
 23043 611 LAB, 15:35-17:30 W, Twin Cities Remote, Completely Online; 4 cr.
 23044 614 DIS, 20:00-20:50 M, Twin Cities Remote, Completely Online; 4 cr.
 23045 615 LAB, 18:50-20:45 Th, Twin Cities Remote, Completely Online; 4 cr.
 23111 206 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
 23112 207 LAB, 15:35-17:30 T, Twin Cities Remote, Completely Online; 4 cr.
 23113 212 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
 23115 208 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
 23116 209 LAB, 17:45-19:40 T, Twin Cities Remote, Completely Online; 4 cr.
 23117 330 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.
 23118 331 LAB, 08:00-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 23119 232 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 23120 223 LAB, 17:45-19:40 W, Twin Cities Remote, Completely Online; 4 cr.
 23121 224 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 23122 225 LAB, 10:10-12:05 M, Twin Cities Remote, Completely Online; 4 cr.
 23127 204 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
 23128 205 LAB, 10:10-12:05 T, Twin Cities Remote, Completely Online; 4 cr.
 23129 226 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 23130 227 LAB, 11:15-13:10 Th, Twin Cities Remote, Completely Online; 4 cr.
 23131 230 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 23132 231 LAB, 10:10-12:05 F, Twin Cities Remote, Completely Online; 4 cr.
 23266 110 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
 23267 111 LAB, 13:25-15:20 T, Twin Cities Remote, Completely Online; 4 cr.
 23268 312 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.
 23269 313 LAB, 12:20-14:15 W, Twin Cities Remote, Completely Online; 4 cr.
 23270 222 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 23271 213 LAB, 15:35-17:30 W, Twin Cities Remote, Completely Online; 4 cr.
 23286 228 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 23287 229 LAB, 13:25-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.
 23305 200 LEC, 09:05-09:55 MTWF, Twin Cities Remote, Completely Online; Marvin Marshak ; 4 cr.
 23358 332 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.
 23359 333 LAB, 13:25-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.
 23360 334 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.
 23361 335 LAB, 15:35-17:30 Th, Twin Cities Remote, Completely Online; 4 cr.
 23461 338 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.
 23462 339 LAB, 08:00-09:55 F, Twin Cities Remote, Completely Online; 4 cr.
 23514 613 LAB, 14:30-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.
 23515 622 DIS, 21:00-21:50 M, Twin Cities Remote, Completely Online; 4 cr.
 23516 623 LAB, 15:35-17:30 T, Twin Cities Remote, Completely Online; 4 cr.
 23679 612 DIS, 20:00-20:50 M, Twin Cities Remote, Completely Online; 4 cr.
 23821 134 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 23822 135 LAB, 13:25-15:20 W, Twin Cities Remote, Completely Online; 4 cr.
 23823 140 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 23824 141 LAB, 14:30-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.
 23825 142 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 23826 143 LAB, 10:10-12:05 F, Twin Cities Remote, Completely Online; 4 cr.
 23827 522 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.
 23828 523 LAB, 08:00-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.

23829 630 DIS, 21:00-21:50 M, Twin Cities Remote, Completely Online; 4 cr.
 23830 631 LAB, 17:45-19:40 Th, Twin Cities Remote, Completely Online; 4 cr.
 33808 506 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.
 33809 507 LAB, 10:10-12:05 T, Twin Cities Remote, Completely Online; 4 cr.
 33810 512 DIS, 14:30-15:20 Th, Twin Cities Remote, Completely Online; 4 cr.
 33811 513 LAB, 15:35-17:30 Th, Twin Cities Remote, Completely Online; 4 cr.
 33814 520 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.
 33815 521 LAB, 15:35-16:25 M, Twin Cities Remote, Completely Online; 4 cr.
 33816 526 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.
 33817 527 LAB, 10:10-12:05 M, Twin Cities Remote, Completely Online; 4 cr.
 33818 532 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.
 33819 533 LAB, 12:20-14:15 T, Twin Cities Remote, Completely Online; 4 cr.
 34932 628 DIS, 21:00-21:50 M, Twin Cities Remote, Completely Online; 4 cr.
 34933 629 LAB, 16:40-18:35 Th, Twin Cities Remote, Completely Online; 4 cr.

1302W Introductory Physics for Science and Engineering II

(Student Option; Prereq: 1301W, concurrent registration is required (or allowed) in Math 1272 or Math 1372 or Math 1572PHYS,WI)

22533 100 LEC, 08:00-08:50 MTWF, Twin Cities Remote, Completely Online; Clement Pryke ; 4 cr.
 22534 102 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
 22535 105 LAB, 14:30-16:25 M, Twin Cities Remote, Completely Online; 4 cr.
 22536 106 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
 22537 107 LAB, 14:30-16:25 T, Twin Cities Remote, Completely Online; 4 cr.
 22538 108 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
 22539 109 LAB, 12:20-14:15 W, Twin Cities Remote, Completely Online; 4 cr.
 22540 122 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 22541 123 LAB, 10:10-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.
 22542 124 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 22543 125 LAB, 14:30-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.
 22985 126 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 22986 127 LAB, 16:40-18:35 Th, Twin Cities Remote, Completely Online; 4 cr.
 23046 120 DIS, 09:05-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 23047 103 LAB, 12:20-14:15 M, Twin Cities Remote, Completely Online; 4 cr.
 23048 104 DIS, 08:00-08:50 Th, Twin Cities Remote, Completely Online; 4 cr.
 23049 121 LAB, 16:40-18:35 W, Twin Cities Remote, Completely Online; 4 cr.
 23050 202 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.
 23051 203 LAB, 16:40-18:35 M, Twin Cities Remote, Completely Online; 4 cr.
 23052 204 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.
 23053 205 LAB, 08:00-09:55 T, Twin Cities Remote, Completely Online; 4 cr.
 23054 206 DIS, 15:35-16:25 Th, Twin Cities Remote, Completely Online; 4 cr.
 23055 207 LAB, 10:10-12:05 T, Twin Cities Remote, Completely Online; 4 cr.
 23310 200 LEC, 15:35-16:25 MTWF, Twin Cities Remote, Completely Online; Michael Zudov ; 4 cr.
 23375 222 DIS, 16:40-17:30 Th, Twin Cities Remote, Completely Online; 4 cr.
 23376 223 LAB, 10:10-12:05 W, Twin Cities Remote, Completely Online; 4 cr.
 23377 224 DIS, 16:40-17:30 Th, Twin Cities Remote, Completely Online; 4 cr.
 23378 225 LAB, 08:00-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 23833 226 DIS, 16:40-17:30 Th, Twin Cities Remote, Completely Online; 4 cr.
 23834 227 LAB, 12:20-14:15 Th, Twin Cities Remote, Completely Online; 4 cr.

1401V Honors Physics I

(A-F only; PHYS,WI)

20890 100 LEC, 11:15-12:05 MTWF, Twin Cities Remote, Completely Online; Vuk Mandic ; 4 cr.
 22704 101 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; Aaron Wynveen ; 4 cr.
 22705 102 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; Paul Haines ; 4 cr.
 22706 302 LAB, 14:30-16:25 M, Twin Cities Remote, Completely Online; 4 cr.
 22707 103 DIS, 12:20-13:10 Th, Twin Cities Remote, Completely Online; Paul Haines ; 4 cr.
 22708 303 LAB, 16:40-18:35 M, Twin Cities Remote, Completely Online; 4 cr.
 22709 104 DIS, 12:20-13:10 Th, Twin Cities Remote, Completely Online; Pete Border ; 4 cr.
 22710 304 LAB, 08:00-09:55 Th, Twin Cities Remote, Completely Online; 4 cr.
 22712 305 LAB, 14:30-16:25 T, Twin Cities Remote, Completely Online; 4 cr.
 22714 307 LAB, 08:00-09:55 W, Twin Cities Remote, Completely Online; 4 cr.
 22715 308 LAB, 15:35-17:30 W, Twin Cities Remote, Completely Online; 4 cr.
 22873 309 LAB, 09:05-11:00 Th, Twin Cities Remote, Completely Online; 4 cr.
 22874 310 LAB, 15:35-17:30 Th, Twin Cities Remote, Completely Online; 4 cr.
 23097 312 LAB, 09:05-11:00 F, Twin Cities Remote, Completely Online; 4 cr.
 35121 105 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; Pete Border ; 4 cr.

1901 Global Warming Solutions

(A-F or Audit;)

34733 100 LEC, 11:15-12:05 MW, Twin Cities Remote, Completely Online; Eric Ganz ; 2 cr.

1910W What is Time?

(Student Option; WI)

34926 100 LEC, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; J Halley ; 2 cr.

1911W How Likely is Extraterrestrial Life?

(A-F or Audit; WI)

34734 100 LEC, 10:10-11:00 MW, Twin Cities Remote, Completely Online; J Halley ; 2 cr.

2201 Introductory Thermodynamics and Statistical Physics

(Student Option; Prereq: [1302W or 1402V or 1502V], [concurrent registration is required (or allowed) in MATH 1272 or MATH 1372 or MATH 1572H])

22427 100 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; James Kakalios ; 4 cr.
 23403 106 DIS, 13:25-14:15 T, Twin Cities Remote, Completely Online; 4 cr.
 23404 102 DIS, 09:05-09:55 T, Twin Cities Remote, Completely Online; 4 cr.
 23405 103 DIS, 10:10-11:00 T, Twin Cities Remote, Completely Online; 4 cr.
 23406 104 DIS, 11:15-12:05 T, Twin Cities Remote, Completely Online; 4 cr.
 23414 105 DIS, 12:20-13:10 T, Twin Cities Remote, Completely Online; 4 cr.

2503 Physics III: Intro to Waves, Optics, and Special Relativity

(Student Option; Prereq: 1302W, [MATH 1272 or MATH 1372 or MATH 1572H])

21491 001 LEC, 15:35-16:25 MTWF, Twin Cities Remote, Completely Online; Yongzhong Qian ; 4 cr.

2503H Honors Physics III

(A-F only; Prereq: 1402V or 1502V, honors student or permission of University Honors Program or instr consent)

23075 001 LEC, 11:15-12:05 MTWF, Twin Cities Remote, Completely Online; Cynthia Cattell ; 4 cr.
 23076 002 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; 4 cr.
 35472 003 DIS, 13:25-14:15 W, Twin Cities Remote, Completely Online; 4 cr.

3022 Introduction to Cosmology

(Student Option; Prereq: 2601)

23608 100 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Tony Gherghetta ; 3 cr.

3605W Modern Physics Laboratory

(Student Option; Prerequisites: completion (or concurrent registration) in PHYS 2503 or 2503H,WI)

23399 100 LEC, 12:20-13:10 T, Twin Cities Remote, Completely Online; Lindsay Glesener ; 3 cr.
 23400 101 LAB, 10:10-13:10 Th, Tate Hall B40, In Person Term Based; 3 cr.

23401 102 LAB, 15:35-18:35 T, Tate Hall B40, In Person Term Based; 3 cr.
 23402 103 LAB, 15:35-18:35 M, Tate Hall B40, In Person Term Based; 3 cr.
 35345 104 LAB, 13:25-16:25 Th, , In Person Term Based; 3 cr.

3993 Directed Studies

(Student Option; Prereq: instr consent, dept consent)
 21072 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

3994 Directed Research

(Student Option; Prereq: instr consent, dept consent)
 21076 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.
 34740 002 IND, 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)

22424 100 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Shaul Hanany ; 4 cr.
 22425 101 DIS, 12:20-13:10 T, Twin Cities Remote, Completely Online; 4 cr.
 22426 102 DIS, 14:30-15:20 T, Twin Cities Remote, Completely Online; 4 cr.
 22443 103 DIS, 13:25-14:15 T, Twin Cities Remote, Completely Online; 4 cr.
 22577 104 DIS, 13:25-14:15 T, Twin Cities Remote, Completely Online; 4 cr.

4002 Electricity and Magnetism

(Student Option; Prereq: [2303 or 2601 or Chem 3501 or Chem 3502], two sems soph math)

23392 001 LEC, 15:35-16:25 MWF, Tate Hall B20, In Person Term Based; Oriol Valls ; 4 cr.
 23393 002 DIS, 15:35-16:25 Th, Tate Hall 110, In Person Term Based; 4 cr.
 23853 003 DIS, 14:30-15:20 Th, Tate Hall 110, In Person Term Based; 4 cr.

4041 Computational Methods in the Physical Sciences

(Student Option; Prereq: Upper div or grad student or instr consent)

22979 001 LEC, 08:00-08:50 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 AST 4041; Jorge Vinals ; 4 cr.

4051 Methods of Experimental Physics I

(Student Option; Prereq: PHYS 1302W, concurrent registration is required (or allowed) in PHYS 3605W or equiv lab experience or instr consent)

20891 001 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; E Dahlberg ; 5 cr.
 20892 002 LAB, 10:10-12:05 MW, Tate Hall B30, In Person Term Based; 5 cr.
 20893 003 LAB, 15:35-17:30 MW, Tate Hall B30, In Person Term Based; 5 cr.
 20894 004 LAB, 09:05-11:00 TTh, Tate Hall B30, In Person Term Based; 5 cr.
 22059 005 LAB, 14:30-16:25 TTh, Tate Hall B30, In Person Term Based; 5 cr.
 35310 006 LAB, 11:15-13:10 TTh, , In Person Term Based; 5 cr.

4052W Methods of Experimental Physics II

(Student Option; Prereq: PHYS 4051, PHYS 3605WW)

23246 002 LAB, 13:25-15:20 TTh, , In Person Term Based; 5 cr.
 23247 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Elias Puchner ; 5 cr.
 34529 003 LAB, 12:20-14:15 MW, , In Person Term Based; 5 cr.

4101 Quantum Mechanics

(Student Option; Prereq: [2303 or 2601 or Chem 3502], two sems soph math)

20895 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Daniel Cronin-Hennessy ; 4 cr.
 21514 003 DIS, 10:10-11:00 T, Twin Cities Remote, Completely Online; 4 cr.
 22703 004 DIS, 11:15-12:05 T, Twin Cities Remote, Completely Online; 4 cr.

4201 Statistical and Thermal Physics

(Student Option; Prereq: 2601)

21480 001 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Vlad Pribiag ; 3 cr.

4501 Experimental Project

(Student Option; Prereq: 4052, instr consent)

20896 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

4511 Introduction to Nuclear and Particle Physics

(Student Option; Prereq: 4101)

23611 100 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Andrew Furmanski ; 3 cr.

4623 Introduction to Modern Optics

(Student Option;)

23845 100 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 EE 4623; James Leger ; 3 cr.

4950H Senior Thesis

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

21516 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

4993 Directed Studies

(Student Option; Prereq: instr consent)

22026 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

4994 Directed Research

(Student Option; Prereq: instr consent)

22027 001 IND, 00:00-00:00 , , In Person Term Based; Roger Rusack ; 1-5 cr.
 35089 002 IND, In Person Term Based; ; 1-5 cr.

5001 Quantum Mechanics I

(Student Option; Prereq: 4101 or equiv or instr consent)

21081 001 LEC, 09:05-09:55 MWF, Tate Hall B50, In Person Term Based; Maxim Pospelov ; 4 cr.
 23408 002 DIS, 08:00-08:50 T, Tate Hall 110, In Person Term Based; 4 cr.
 23409 003 DIS, 09:05-09:55 T, Tate Hall 110, In Person Term Based; 4 cr.

5011 Classical Physics I

(Student Option; Prereq: 4001, 4002 or instr consent)

21082 001 LEC, 10:10-11:00 MTWF, Tate Hall B50, In Person Term Based; Serge Rudaz ; 4 cr.

5072 Best Practices in College Physics Teaching

(Student Option;)

22272 001 DIS, 15:35-16:25 M, Twin Cities Remote, Completely Online; Jeremiah Mans ; 1-3 cr.

5201 Thermal and Statistical Physics

(A-F or Audit; Prereq: [[4101, 4201] or equiv] previous exposure to thermodynamics, introductory statistical physics)

21513 001 LEC, 11:15-12:05 MWF, Tate Hall B50, In Person Term Based; Joseph Kapusta ; 3 cr.

5950 Colloquium Seminar

(S-N or Audit; Prereq: [Grad student or advanced undergrad in physics], dept consent)

21077 001 LEC, 15:35-16:45 Th, Twin Cities Remote, Completely Online; 1 cr.

5970 Physics Journal Club

(S-N only; Prereq: 2601, 2605 or equiv; intended for 2nd-yr grad students in physics)

22531 001 LEC, 15:35-16:25 F, Twin Cities Remote, Completely Online; 1-3 cr.

5980 Introduction to Research Seminar

(S-N or Audit; Prereq: Grad or upper div phys major)

21074 001 LEC, 16:40-17:30 F, Twin Cities Remote, Completely Online; Nadja Strobbe ; 1 cr.

5993 Directed Studies

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

21073 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.
 23846 002 IND, In Person Term Based; Jianping Wang ; 1-5 cr.

5994 Directed Research

(Student Option; Prereq: Jr, dept consent)

21075 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.

Physiology (PHSL)

2041 Physiology and Medicine

(A-F only;)

34881 001 LEC, 13:25-14:15 TTh, Twin Cities Remote, Completely Online; Vincent Barnett ; 2 cr.

3051 Human Physiology

(Student Option; Prereq: [BIOL 1009 or 1 yr college biol], 1 yr college chem)

24280 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; 4 cr.
 24281 002 LAB, 08:00-09:55 T, , Partially Online; Meets With: 004 PHSL 3051; Dalay Olson ; 4 cr.
 24592 003 LAB, 10:10-12:05 T, , Partially Online; Meets With: 005 PHSL 3051; Dalay Olson ; 4 cr.
 24600 004 LAB, 08:00-09:55 T, , Partially Online; Meets With: 002 PHSL 3051; Dalay Olson ; 4 cr.
 24630 005 LAB, 10:10-12:05 T, , Partially Online; Meets With: 003 PHSL 3051; Dalay Olson ; 4 cr.
 24690 006 LAB, 12:20-14:15 W, , Partially Online; Meets With: 007 PHSL 3051; Dalay Olson ; 4 cr.
 24843 007 LAB, 12:20-14:15 W, , Partially Online; Meets With: 006 PHSL 3051; Dalay Olson ; 4 cr.

3061 Principles of Physiology

(Student Option; Prereq: 1 year college chem and physics and math through integral calculus)

24277 001 LEC, 10:10-11:00 MWThF, Twin Cities Remote, Completely Online; Meets With: 001 PHSL 5061002 PHSL 3061003 PHSL 3061; Steven Wu ; 4 cr.
 24649 002 LEC, 10:10-11:00 MWThF, Twin Cities Remote, Completely Online; Meets With: 001 PHSL 3061001 PHSL 5061003 PHSL 3061; Steven Wu ; 4 cr.
 24708 003 LEC, 10:10-11:00 MWThF, Twin Cities Remote, Completely Online; Meets With: 001 PHSL 3061001 PHSL 5061002 PHSL 3061; Steven Wu ; 4 cr.

3062W Research Paper for Physiology Majors

(A-F or Audit; Prereq: concurrent registration is required (or allowed) in 3061, physiology major, 1 yr [college chem, physics], math through integral calculus)

24650 001 IND, 10:10-11:00 T, Twin Cities Remote, Completely Online; Vincent Barnett ; 1 cr.

3095 Problems in Physiology

(Student Option; Prereq: concurrent registration is required (or allowed) in college physiology, instr consent)

24616 001 IND, 00:00-00:00 , , In Person Term Based; Vincent Barnett ; 1-5 cr.

3701 Physiology Laboratory

(A-F or Audit; Prereq: Physiology major)

24574 001 LAB, 13:25-16:25 M, , In Person Term Based; Meets With: 003 PHSL 3701; Paul Iaizzo ; 2 cr.
 24575 002 LAB, 13:25-16:25 T, , In Person Term Based; Meets With: 004 PHSL 3701; Paul Iaizzo ; 2 cr.
 24709 003 LAB, 13:25-16:25 M, , In Person Term Based; Meets With: 001 PHSL 3701; Paul Iaizzo ; 2 cr.
 24710 004 LAB, 13:25-16:25 T, , In Person Term Based; Meets With: 002 PHSL 3701; Paul Iaizzo ; 2 cr.

4095H Honors Problems in Physiology

(A-F or Audit; Prereq: 3061, physiology honors candidate, approval of director of undergrad studies in physiology.)

24276 001 IND, 00:00-00:00 , , In Person Term Based; Vincent Barnett ; 2-4 cr.

4702 Cell Physiology

(A-F or Audit; Prereq: [3051 or 3061 or BIOL 3211], [CHEM 1022 or equiv], [MATH 1272 or equiv])

24775 001 LEC, 10:40-11:30 MWFT, Twin Cities Remote, Completely Online; Meets With: 001 ANSC 5702001 PHSL 5702; Scott O'Grady ; 3 cr.

4900 Advanced Physiology Teaching Laboratory

(A-F only; Prereq: [3051 or [3061, 3071]], instr consent)

24711 001 LAB, 12:20-13:10 M, , In Person Term Based; 1-6 cr.

5061 Principles of Physiology for Biomedical Engineering

(Student Option; Prereq: Biomedical engineering grad, one yr college chem and physics and math through integral calculus)

24278 001 LEC, 10:10-11:00 MWThF, Twin Cities Remote, Completely Online; Meets With: 001 PHSL 3061002 PHSL 3061003 PHSL 3061; Steven Wu ; 4 cr.

5094 Research in Physiology

(Student Option; Prereq: instr consent)

24436 001 IND, 00:00-00:00 , , In Person Term Based; Vincent Barnett ; 1-5 cr.
 24542 002 IND, 00:00-00:00 , , In Person Term Based; Stephen Katz ; 1-5 cr.

5095 Problems in Physiology

(Student Option; Prereq: instr consent)

24279 001 IND, 00:00-00:00 , , In Person Term Based; 1-5 cr.
24543 002 IND, 00:00-00:00 , , In Person Term Based; Stephen Katz ; 1-5 cr.

5096 Integrative Biology and Physiology Research Advances

(A-F only; Prereq: instr consent)
24789 001 LEC, 12:00-13:00 Th, Twin Cities Remote, Completely Online; DeWayne Townsend ; 1 cr.

5115 Clinical Physiology I

(A-F or Audit; Prereq: instr consent)
24603 001 LEC, 13:25-16:25 F, Bruininks Hall 114, In Person Term Based; Lisa Anderson ; 3 cr.

5701 Physiology Laboratory

(A-F or Audit; Prereq: instr consent)
24576 001 LAB, 00:00-00:00 , , In Person Term Based; Lisa Anderson ; 1-2 cr.

5702 Cell Physiology

(A-F only; Prereq: [Two semesters of physics/chemistry, calculus, one semester of systems-level physiology] or instr consent)
34872 001 DIS, 10:40-11:30 MWFT, Twin Cities Remote, Completely Online; Meets With: 001 PHSL 4702001 ANSC 5702; Scott O'Grady ; 4 cr.

Plant Pathology (PLPA)

1005 Plants Get Sick Too

(Student Option; BIOL)
18461 001 LEC, 17:10-18:00 T, Twin Cities Remote, Completely Online; James Kurle ; 4 cr.
18507 003 LAB, 15:00-16:55 W, Plant Growth Facility 136, In Person Term Based; James Kurle, Rebecca Hall ; 4 cr.
18508 004 LAB, 15:00-16:55 Th, Plant Growth Facility 136, In Person Term Based; James Kurle, Rebecca Hall ; 4 cr.
35454 005 LAB, 18:15-20:10 Th, Plant Growth Facility 136, In Person Term Based; Rebecca Hall, James Kurle ; 4 cr.

1901 Antibiotics: Promise, Profits, and Pitfalls

(A-F or Audit; Prereq: freshmanTS)
34728 001 LEC, 13:00-14:15 TTh, Akerman Hall 319, In Person Term Based; Linda Kinkel, Michael Fulcher ; 3 cr.

1902 Sequencing Plants, Pets, and Pathogens: The Genomics of Non-Humans

(A-F only;)
34873 001 LEC, 13:30-14:45 TTh, Alderman Hall 405, In Person Term Based; Nevin Young ; 3 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)
18357 001 FWK, 00:00-00:00 , , In Person Term Based; Brett Arenz ; 1-3 cr.

5301 Large Scale Omic Data in Plant Biology

(Student Option; Prereq: Intro course in genetics or instr consent)
18502 001 LEC, Completely Online; Cory Hirsch ; 3 cr.

5303 Data Visualization in Plant and Microbial Biology

(A-F only; Prereq: Limited experience with R software is recommended, but not required.)
18967 001 DIS, 09:00-11:30 W, Twin Cities Remote, Completely Online; Cory Hirsch ; 3 cr.

5480 Principles of Plant Pathology

(Student Option; Prereq: BIOL 1009 or equiv)
18593 002 LAB, 09:35-11:30 M, Plant Growth Facility 136, In Person Term Based; Brett Arenz, Rebecca Hall ; 3 cr.
18594 001 LEC, 08:30-09:25 MW, Borlaug Hall 491, In Person Term Based; Brett Arenz ; 3 cr.

Plant Science (PLSC)

3093 Directed Study

(Student Option; Prereq: department consent, instructor consent, no more than 6 credits of directed study counts towards CFANS major requirements.)
31638 001 IND, In Person Term Based; 1-4 cr.

3094 Directed Research

(Student Option; Prereq: department consent, instructor consent, no more than 6 credits of directed research counts towards CFANS major requirements.)
31639 001 IND, In Person Term Based; 1-4 cr.

Plant and Microbial Biology (PMB)

3007W Plant, Algal, and Fungal Diversity and Adaptation

(Student Option; Prereq: One semester college biologyW)
11493 001 LEC, 10:40-11:30 MW, ONLINE BLENDED, 10:40-11:30 MW, Biological Sciences Ctr 64, Partially Online; David Moeller, Peter Kennedy ; 4 cr.
11494 002 LAB, 08:30-10:25 MW, ONLINE BLENDED, 08:30-10:25 MW, Plant Growth Facility 132, Partially Online; David Moeller, Peter Kennedy ; 4 cr.
11495 003 LAB, 11:45-13:40 MW, ONLINE BLENDED, 11:45-13:40 MW, Plant Growth Facility 132, Partially Online; David Moeller, Peter Kennedy ; 4 cr.
11496 004 LAB, 13:55-15:50 MW, ONLINE BLENDED, 13:55-15:50 MW, Plant Growth Facility 132, Partially Online; David Moeller, Peter Kennedy ; 4 cr.

3701 PMB Seminar

(S-N only; Prereq: BIOL 3004/3004H.)
11856 001 DIS, 15:00-17:00 T, Cargill Building 105, In Person Term Based; Clay Carter ; 1 cr.

4111 Microbial Physiology and Diversity

(Student Option; Prereq: MicB 3301 required; BioC 3021 or BioC 4331 recommended)
11839 001 LEC, 10:15-11:30 TTh, ONLINE BLENDED, 10:15-11:30 TTh, Borlaug Hall 335, Partially Online; Meets With: 001 PMB 5111; Daniel Bond, Kyle Costa ; 3 cr.

4321 Minnesota Flora

(Student Option; Prereq: One semester college biology)
33258 001 LEC, 11:45-12:35 T, Twin Cities Remote, Completely Online; George Weiblen ; 3 cr.
33259 003 LAB, 13:15-15:15 TTh, Biological Sciences Ctr 245, 13:15-15:15 TTh, ONLINE BLENDED, 13:15-15:15 T, Biological Sciences Ctr 259, Partially Online; George Weiblen ; 3 cr.
33260 002 LAB, 09:30-11:30 TTh, Biological Sciences Ctr 245, 09:30-11:30 TTh, ONLINE BLENDED, 09:30-11:30 T, Biological Sciences Ctr 259, Partially Online; George Weiblen ; 3 cr.

4412 Plant Physiology

(A-F only; Prerequisites for this course. The following preparation is recommended: PMB 2022 General Botany or PMB 3007W Plant Algal and Fungal Diversity; General Chemistry and Introductory Physics.)
11805 001 LEC, 13:00-14:15 MW, Keller Hall 3-230, In Person Term Based; Meets With: 001 PMB 5412; Feng Zhang ; 3 cr.

4793W Directed Studies: Writing Intensive

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793W, 4794W, 4993, 4994 counts towards CBS major requirements. WI)
11531 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

4794W Directed Research: Writing Intensive

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793W, 4794W, 4993, 4994 counts towards CBS major requirements. WI)
11532 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

4993 Directed Studies

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793W, 4794W, 4993, 4994 counts towards CBS major requirements.)
11490 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.

4994 Directed Research

(S-N only; Prereq: department consent, instructor consent, no more than 7 credits of 4793, 4794, 4993W, 4994W counts towards CBS major requirements.)
11491 001 IND, 00:00-00:00 , , In Person Term Based; 1-7 cr.
11846 002 IND, In Person Term Based; 1-7 cr.

5111 Microbial Physiology and Diversity

(Student Option;)
11840 001 LEC, 10:15-11:30 TTh, ONLINE BLENDED, 10:15-11:30 TTh, Borlaug Hall 335, Partially Online; Meets With: 001 PMB 4111; Daniel Bond, Kyle Costa ; 3 cr.

5412 Plant Physiology

(Student Option; Prerequisites for this course. The following preparation is recommended: PMB 2022 General Botany or PMB 3007W Plant Algal and Fungal Diversity; General Chemistry and Introductory Physics.)
11806 001 LEC, 13:00-14:15 MW, Keller Hall 3-230, In Person Term Based; Meets With: 001 PMB 4412; Feng Zhang ; 3 cr.

5802 Field Microbiology at Itasca Biological Research Station

(A-F only;)
35097 001 IND, In Person Term Based; Jeffrey Gralnick, James Cotner ; 3 cr.

Political Science (POL)

1001 American Democracy in a Changing World

(Student Option; SOCS)
14872 001 LEC, Completely Online; Dan Myers ; 3 cr.

1019 Indigenous Peoples in Global Perspective

(A-F or Audit; GP)
34329 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 AMIN 1002; Christine DeLisle ; 3 cr.

1025 Global Politics

(Student Option; GP,SOCS)
13704 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Tanisha Fazal ; 3 cr.

1026 U.S. Foreign Policy

(Student Option;)
17197 001 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Mark Bell ; 3 cr.

1054 Politics Around the World

(Student Option; GP,SOCS)
13690 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; David Samuels ; 3 cr.

1201 Political Ideas

(Student Option; CIV,HIS)
13666 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Joshua Anderson ; 3 cr.

1911 Dictatorship and Violence in Central Asia and Afghanistan

(A-F only;)
33063 001 DIS, 09:45-11:00 MW, Blegen Hall 5, In Person Term Based; Kathleen Collins ; 3 cr.

3080 Internship in Politics or Government

(A-F only; Prereq: instr consent, dept consent)
13665 001 FWK, 00:00-00:00 , ONLINE, Completely Online; Paul Soper ; 3-13 cr.

3085 Quantitative Analysis in Political Science

(A-F or Audit; MATH)
17638 001 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Jane Sumner ; 4 cr.
17639 002 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; Jane Sumner ; 4 cr.
17640 003 DIS, 11:15-12:05 Th, Twin Cities Remote, Completely Online; Jane Sumner ; 4 cr.

3225 American Political Thought

(Student Option; Prereq: Suggested prerequisite POL 1201CIV)
16014 001 LEC, Completely Online; Paul Soper ; 3 cr.

3235W Democracy and Citizenship

(Student Option; Prereq: Suggested prerequisite 1201CIV,WI)
17198 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Isak Tranvik ; 3 cr.

3252W Revolution, Democracy, and Empire: Modern Political Thought

(Student Option; Prereq: Suggested prerequisite 1201AH,WI,CIV)

17641 001 LEC, 09:45-11:00 WF, Twin Cities Remote, Completely Online; Isak Tranvik ; 3 cr.

3308 Congressional Politics and Institutions

(Student Option; SOCS)

17199 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Michael Minta ; 3 cr.

3309 U.S. Supreme Court Decision-Making, Process, and Politics

(Student Option; Prerequisite: POL 1001)

17200 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Timothy Johnson ; 3 cr.

3317 Food Politics: Actors, Arenas, and Agendas

(Student Option; SOCS)

33067 001 LEC, 13:00-14:15 MW, Anderson Hall 310, In Person Term Based; Wendy Rahn ; 3 cr.

3323 Political Tolerance in the United States

(Student Option;)

33149 001 LEC, 14:30-15:45 TTh, Willey Hall 175, In Person Term Based; Kati Mohammad-Zadeh ; 3 cr.

3325 U.S. Campaigns and Elections

(A-F or Audit;)

33068 001 LEC, Completely Online; Kathryn Pearson ; 3 cr.

3423 Politics of Disruption: Violence and Its Alternatives

(Student Option; GP)

17201 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Anoop Sarbahi ; 3 cr.

3451W Politics and Society in the New Europe

(Student Option; GP,WI)

16602 001 LEC, 16:00-17:15 TTh, Willey Hall 175, In Person Term Based; Kati Mohammad-Zadeh ; 3 cr.

3462 Politics of Race, Class, and Ethnicity

(Student Option;)

13702 001 LEC, 18:20-20:50 Th, Twin Cities Remote, Completely Online; August Nimtz Jr ; 3 cr.

3477 Political Economy of Development

(Student Option; GP,SOCS)

33069 001 LEC, 18:20-20:50 M, Blegen Hall 5, In Person Term Based; Teri Caraway ; 3 cr.

3479 Latin American Politics

(Student Option; GP)

33070 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Lisa Hilbink ; 3 cr.

3489W Citizens, Consumers, and Corporations

(Student Option; CIV,WI)

17644 001 LEC, 18:20-20:50 W, Twin Cities Remote, Completely Online; Teri Caraway ; 3 cr.

3752 Chicana/o Politics

(Student Option; DSJ,SOCS)

16090 001 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CHIC 3852; Guillermo Narvaez ; 3 cr.

3766 Political Psychology of Mass Behavior

(Student Option; SOCS)

15533 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Howard Lavine ; 3 cr.

3767 Political Psychology of Elite Behavior

(Student Option; CIV)

33071 001 LEC, Completely Online; Dan Myers ; 3 cr.

3796 Media and Politics

(Student Option;)

34047 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 JOUR 3796; Matt Carlson ; 3 cr.

3833 The United States and the Global Economy

(Student Option;)

17645 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; James Hollyer ; 3 cr.

3835 International Relations

(Student Option; GP,SOCS)

13664 001 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Cosette Creamer ; 3 cr.

3994 Directed Research: Distinguished Undergraduate Research Program

(A-F only;)

16486 001 IND, 00:00-00:00 , , In Person Term Based; Teri Caraway ; 2 cr.

4255 Comparative Real Time Political Analysis: Marxist versus Liberal Perspectives

(Student Option; GP,HIS)

17815 001 LEC, 18:20-20:50 T, Twin Cities Remote, Completely Online; August Nimtz Jr ; 3 cr.

4403W Constitutions, Democracy, and Rights: Comparative Perspectives

(Student Option; GP,WI)

33075 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Lisa Hilbink ; 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)

33076 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Josef Woldense ; 3 cr.

4501W The Supreme Court and Constitutional Interpretation

(Student Option; CIV,WI)

13467 001 LEC, Completely Online; Timothy Johnson ; 3 cr.

4881 The Politics of International Law and Global Governance

(Student Option; GP)

33077 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Cosette Creamer ; 3 cr.

4885W International Conflict and Security

(Student Option; GP,WI)

33078 001 LEC, 18:20-20:50 T, Tate Hall B50, In Person Term Based; Ronald Krebs ; 3 cr.

4891 The Politics of Nuclear Weapons

(Student Option;)

33079 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Mark Bell ; 3 cr.

4991 Political Science Capstone

(A-F only;)

17651 001 LEC, 14:30-15:45 T, Twin Cities Remote, Completely Online; Anoop Sarbahi ; 3 cr.

33083 002 DIS, 14:30-15:45 Th, Twin Cities Remote, Completely Online; Anoop Sarbahi ; 3 cr.

33084 003 DIS, 14:30-15:45 Th, Twin Cities Remote, Completely Online; Anoop Sarbahi ; 3 cr.

4993 Honors Thesis: Directed Studies

(A-F only;)

14534 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

4994 Directed Research: Individual

(Student Option; Prerequisite instructor and department consent.)

14184 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

Portuguese (PORT)

1101 Beginning Portuguese

(Student Option;)

14577 001 LEC, 09:05-09:55 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 PORT 4101; Stephanie Anderson ; 5 cr.

1103 Intermediate Portuguese

(Student Option; Prereq: 1102 or instr consent)

17735 001 LEC, 10:10-11:00 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 PORT 4103; 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)

15037 001 LEC, 14:30-16:25 MW, Twin Cities Remote, Completely Online; Dora Dias ; 4 cr.

15829 002 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Dora Dias ; 4 cr.

3003 Portuguese Conversation and Composition

(Student Option; Prereq: 1104 or 3001 or Port LPE)

13779 001 DIS, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Sophia Beal ; 4 cr.

3501W Global Portuguese: 1300-1900

(Student Option; Prereq: 3003WI)

15830 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Ana Paula Ferreira ; 3 cr.

4103 Intermediate Portuguese for Graduate Student Research

(Student Option;)

17736 001 DIS, 10:10-11:00 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 PORT 1103; Dora Dias ; 5 cr.

5970 Directed Readings

(Student Option; Prereq MA or PhD candidate, instr consent.)

15481 001 IND, 00:00-00:00 , , Independent/Directed Study; Ana Paula Ferreira ; 1-4 cr.

16547 002 IND, 00:00-00:00 , , In Person Term Based; Sophia Beal ; 1-4 cr.

5990 Directed Research

(Student Option; Prereq Grad student or instr consent.)

14789 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

Poultry Health (POUL)

5103 Poultry biosecurity: framework for healthy production

(A-F only;)

34999 001 DIS, Completely Online; Carol Cardona, Tim Johnson, Erin Cortus, Sally Noll, Abby Schuft ; 3 cr.

Product Design (PDES)

2701 Creative Design Methods

(A-F only;)

11153 001 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Barry Kudrowitz ; 3 cr.

2702 Concept Sketching

(A-F only;)

11154 001 LEC, 15:35-17:30 TTh, Rapson Hall 56, In Person Term Based; James Wilson ; 3 cr.

35177 003 LEC, 13:00-14:55 MW, Rapson Hall 56, In Person Term Based; James Wilson ; 3 cr.

2704 Concept Visualization and Presentation 2

(A-F only;)

11287 001 LAB, 12:20-14:15 MW, Twin Cities Remote, Completely Online; Ken Grant ; 3 cr.

11301 002 LAB, 14:30-16:25 MW, Twin Cities Remote, Completely Online; Michael Habig ; 3 cr.

2771 Product Design Studio 1

(A-F only;)

11286 001 LAB, 09:05-12:05 MW, ONLINE BLENDED, 09:05-12:05 MW, Rapson Hall 31, Partially Online; Jessica Rosenberg ; 4 cr.

11338 002 LAB, 09:05-12:05 TTh, ONLINE BLENDED, 09:05-12:05 TTh, Rapson Hall 31, Partially Online; Jessica Rosenberg ; 4 cr.

3196 Product Design Internship

(S-N only; Prereq: PDes major)

11283 001 IND, In Person Term Based; James Wilson ; 1-2 cr.

11293 002 IND, In Person Term Based; James Wilson ; 1-2 cr.

3704 Computer-Aided Design 1: Solid Modeling and Rendering

(A-F only;)

11302 001 LAB, 16:05-17:55 TTh, , 16:05-17:55 TTh, Rapson Hall 33, Primarily Online; Meets With: 001 PDES 5704; Ehsan Naderi ; 3 cr.

11333 002 LAB, 12:20-14:15 TTh, , 12:20-14:15 TTh, Rapson Hall 33, Primarily Online; Meets With: 002 PDES 5704; Ehsan Naderi ; 3 cr.

3771 Product Design Studio 3

(A-F only;)

11303 001 LAB, 18:00-21:00 TTh, Rapson Hall 56, In Person Term Based; Benjamin Pratt ; 4 cr.
33028 002 LAB, 18:00-21:00 MW, Rapson Hall 56, In Person Term Based; Benjamin Pratt ; 4 cr.

4193 Directed Study in Product Design

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

11188 001 IND, In Person Term Based; Barry Kudrowitz ; 1-4 cr.
11334 002 IND, In Person Term Based; Ehsan Naderi ; 1-4 cr.

4701W Capstone Research Studio

(A-F only; WI)

11270 001 LEC, 09:05-12:05 MW, ONLINE BLENDED, 09:05-12:05 MW, Rapson Hall 259, Partially Online; Benjamin Pratt ; 4 cr.

5193 Directed Study in Product Design

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

11186 001 IND, In Person Term Based; Barry Kudrowitz ; 1-4 cr.
11310 002 IND, In Person Term Based; Ehsan Naderi ; 1-4 cr.

5702 Visual Communication

(A-F only;)

35124 001 LEC, 15:35-17:30 MW, Rapson Hall 56, In Person Term Based; Meets With: 002 PDES 2702; James Wilson ; 3 cr.

5704 Computer-Aided Design Methods

(A-F only; Prereq: Senior or grad student)

35368 002 LAB, 12:20-14:15 TTh, 12:20-14:15 TTh, Rapson Hall 33, In Person Term Based; Meets With: 002 PDES 3704; Ehsan Naderi ; 3 cr.

Psychology (PSY)**1001 Introduction to Psychology**

(Student Option; SOCS)

13669 001 LEC, Completely Online; Liza Meredith ; 4 cr.
13670 002 DIS, Completely Online; You Zhou ; 4 cr.
13671 003 DIS, Completely Online; Jingyuan Tian ; 4 cr.
13672 004 DIS, Completely Online; Jingyuan Tian ; 4 cr.
13673 005 DIS, Completely Online; Seon-Kyeong Jang ; 4 cr.
13674 006 DIS, Completely Online; Casey Giordano ; 4 cr.
13675 007 DIS, Completely Online; Casey Giordano ; 4 cr.
13676 008 DIS, Completely Online; Yagizhan Yazar ; 4 cr.
13677 009 DIS, Completely Online; Chulin Chen ; 4 cr.
13678 010 DIS, Completely Online; Joshua Braverman ; 4 cr.
13679 011 DIS, Completely Online; Merrill Levitt ; 4 cr.
13680 012 DIS, Completely Online; Merrill Levitt ; 4 cr.
13681 013 DIS, Completely Online; Colt Deckert ; 4 cr.
13682 014 DIS, Completely Online; Colt Deckert ; 4 cr.
13683 015 DIS, Completely Online; Yueh-Hsun Wu ; 4 cr.
13684 019 LEC, Completely Online; Liza Meredith ; 4 cr.
15534 017 DIS, Completely Online; Lexi Scharmer ; 4 cr.
15535 018 DIS, Completely Online; Erin Standen ; 4 cr.
15744 021 DIS, Completely Online; Hyunsook Lee ; 4 cr.
15836 023 DIS, Completely Online; Kiley Gilbert ; 4 cr.
16049 024 DIS, Completely Online; Grace Vieth ; 4 cr.
16386 025 DIS, Completely Online; Cory Fleck ; 4 cr.
16387 026 DIS, Completely Online; Khue Tran ; 4 cr.
16446 027 LEC, Completely Online; Liza Meredith ; 4 cr.
17226 016 DIS, Completely Online; Yilei Wang ; 4 cr.
17793 028 DIS, Completely Online; Liza Meredith ; 4 cr.
17794 029 DIS, Completely Online; Liza Meredith ; 4 cr.
17795 030 DIS, Completely Online; Liza Meredith ; 4 cr.
17796 031 DIS, Completely Online; Liza Meredith ; 4 cr.
17797 032 DIS, Completely Online; Liza Meredith ; 4 cr.
18203 033 DIS, Completely Online; Liza Meredith ; 4 cr.
18204 034 DIS, Completely Online; Liza Meredith ; 4 cr.
35314 035 DIS, Completely Online; Claire Min ; 4 cr.

1001H Honors Introduction to Psychology

(A-F only; Prereq: Honors.SOCS)

14923 001 LEC, Completely Online; Liza Meredith ; 4 cr.
15222 002 DIS, 10:10-11:00 WF, Fraser Hall 101, In Person Term Based; Liza Meredith ; 4 cr.
17320 003 DIS, 11:15-12:05 WF, Fraser Hall 101, In Person Term Based; Liza Meredith ; 4 cr.

1010 Topics in Psychology

(Student Option;)

34825 001 LEC, Completely Online; Lexi Scharmer ; 1-3 cr.

1912 Brain Science, Drugs and Society

(A-F only;)

33250 001 DIS, 09:15-12:00 W, Twin Cities Remote, Completely Online; Monica Luciana ; 3 cr.

1914 What is the Human Mind?

(A-F only;)

33251 001 DIS, 09:45-12:30 Th, West Bank Skyway 20, In Person Term Based; Chad Marsolek ; 3 cr.

1916 Race in Everyday Space

(A-F only; DSJ)

33252 001 DIS, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Melissa Velez ; 3 cr.

3001W Introduction to Research Methods

(Student Option; Prereq: [1001, [2801 or 3801 or equiv]] or dept consentWI)

14981 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Mark Stellmack ; 4 cr.
14982 002 LAB, 11:15-12:30 W, Twin Cities Remote, Completely Online; Scott Blain ; 4 cr.
14983 003 LAB, 11:15-12:30 W, Twin Cities Remote, Completely Online; Kiley Gilbert ; 4 cr.
14984 004 LAB, 14:30-15:45 W, Twin Cities Remote, Completely Online; Nilsu Atilgan ; 4 cr.
14985 005 LAB, 14:30-15:45 W, Twin Cities Remote, Completely Online; Ming Him Tai ; 4 cr.
14986 006 LAB, 09:45-11:00 Th, Twin Cities Remote, Completely Online; Siyun Liu ; 4 cr.
14987 007 LAB, 09:45-11:00 Th, Twin Cities Remote, Completely Online; Elise Anderson ; 4 cr.
14988 008 LAB, 11:15-12:30 Th, Twin Cities Remote, Completely Online; Tyler Sassenberg ; 4 cr.
14989 009 LAB, 11:15-12:30 Th, Twin Cities Remote, Completely Online; Lauren Clatch ; 4 cr.
15123 010 LAB, 16:00-17:15 W, Twin Cities Remote, Completely Online; Yi Ni Toh ; 4 cr.
15369 011 LAB, 16:00-17:15 W, Twin Cities Remote, Completely Online; Sarah Cox ; 4 cr.
15866 012 LAB, 11:15-12:30 F, Twin Cities Remote, Completely Online; Samuel Lee ; 4 cr.
15867 013 LAB, 11:15-12:30 F, Twin Cities Remote, Completely Online; Ian O'Dowd ; 4 cr.
16698 014 LEC, Completely Online; Mark Stellmack ; 4 cr.

3011 Introduction to Learning and Behavior

(Student Option; Prereq: 1001)

14980 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Thomas Brothen ; 3 cr.

3031 Introduction to Sensation and Perception

(Student Option; Prereq: PSY 1001)

13689 001 LEC, Completely Online; Stephen Engel ; 3 cr.
17568 002 LAB, 14:30-15:45 W, Twin Cities Remote, Completely Online; Stephen Engel ; 3 cr.
17569 003 LAB, 13:00-14:15 Th, Twin Cities Remote, Completely Online; Stephen Engel ; 3 cr.
17570 004 LAB, 14:30-15:45 Th, Twin Cities Remote, Completely Online; Stephen Engel ; 3 cr.

3051 Introduction to Cognitive Psychology

(Student Option; Prereq: 1001)

13695 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Yuhong Jiang ; 3 cr.
17519 002 LEC, Completely Online; Chad Marsolek ; 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)

13696 001 LEC, Completely Online; Sara Knauz ; 3 cr.

3101 Introduction to Personality

(Student Option; Prereq: 1001)

14149 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Colin DeYoung ; 3 cr.

3135 Introduction to Individual Differences

(Student Option; Prereq: [1001, [3801 or equiv]] or instr consent)

14808 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Alexandros Giannelis, Emily Willoughby ; 3 cr.

3201 Introduction to Social Psychology

(Student Option; Prereq: 1001 or instr consent)

14670 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Hyun Euh ; 3 cr.

3206 Introduction to Health Psychology

(Student Option; Prereq: 1001)

15338 001 LEC, Completely Online; Traci Mann ; 3 cr.
16475 002 LEC, 00:00-00:00 , ONLINE, Completely Online; Caprice Niccoli-Waller ; 3 cr.

3301 Introduction to Cultural Psychology

(A-F or Audit; Prereq: 1001)

14579 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Jillian Fish ; 3 cr.

3511 Introduction to Counseling**Psychology**

(Student Option; Prereq: 1001)

15377 001 LEC, 08:15-09:30 MW, Twin Cities Remote, Completely Online; Quratulain Gulamhussein ; 3 cr.

3604 Introduction to Abnormal Psychology

(Student Option; Prereq: 1001)

13697 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Bonnie Klimes-Dougan ; 3 cr.

3617 Introduction to Clinical Psychology

(Student Option; Prereq: 3604 or 5604H)

13699 001 LEC, 17:00-19:30 M, Twin Cities Remote, Completely Online; Jacqueline Otto ; 3 cr.

3666 Human Sexuality

(Student Option; Prereq: 1001)

16071 001 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Margaret Jaeger ; 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 psychologyMATH)

14909 001 LEC, Completely Online; Penny Nichol ; 4 cr.
14910 002 LAB, 09:45-11:00 T, Twin Cities Remote, Completely Online; Linh Nguyen ; 4 cr.
14911 003 LAB, 13:00-14:15 T, Twin Cities Remote, Completely Online; Hoang Nguyen ; 4 cr.
15325 004 LAB, 14:30-15:45 T, Twin Cities Remote, Completely Online; Hoang Nguyen ; 4 cr.
16447 012 LEC, Completely Online; Penny Nichol ; 4 cr.
17723 005 LAB, 16:00-17:15 W, Twin Cities Remote, Completely Online; Seon-Kyeong Jang ; 4 cr.
17724 006 LAB, 08:15-09:30 Th, Twin Cities Remote, Completely Online; Matthew Snodgrass ; 4 cr.
17725 007 LAB, 09:45-11:00 Th, Twin Cities Remote, Completely Online; Matthew Snodgrass ; 4 cr.
17726 008 LAB, 13:00-14:15 Th, Twin Cities Remote, Completely Online; Ziming Zhou ; 4 cr.
17727 009 LAB, 14:30-15:45 Th, Twin Cities Remote, Completely Online; Ziming Zhou ; 4 cr.
17728 010 LAB, 09:45-11:00 F, Twin Cities Remote, Completely Online; Justin Kracht ; 4 cr.
17729 011 LAB, 11:15-12:30 F, Twin Cities Remote, Completely Online; Justin Kracht ; 4 cr.

3801H Honors Introduction to**Psychological Measurement and Data Analysis**

(A-F only; Prereq: [1001 or equiv], high school algebra, honors; intended for students who plan to major in psychologyMATH)

15480 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Katerina Marcoulides ; 4 cr.
16936 002 LAB, 11:15-12:30 F, Twin Cities Remote, Completely Online; Katerina Marcoulides ; 4 cr.

3896 Internship in Psychology

(Student Option; Prereq: Psychology BA/BS, Department Permission)

17318 001 FVWK, Completely Online; Mike Houlahan ; 1-4 cr.

3901W Major Project - Research Laboratory

(A-F only; Prereq: [3801 or equiv], 3001W, completion of five courses from three distribution areas, PSY major, seniorWI)

16264 001 LEC, Completely Online; Meets With: 001 PSY 3902W001 PSY 3903W; Caprice Niccoli-Waller ; 3 cr.
16265 002 LAB, Completely Online; Max Bai ; 3 cr.
16266 003 LAB, Completely Online; Stephanie Zellers ; 3 cr.
16445 004 LAB, Completely Online; Andrew Freedman ; 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)

14816 001 LEC, Completely Online; Meets With: 001 PSY 3901W001 PSY 3903W; Caprice Niccoli-Waller ; 3 cr.
14817 002 LAB, Completely Online; Yuri Kim ; 3 cr.
14825 003 LAB, Completely Online; Rory Flemming ; 3 cr.
35122 004 LAB, Completely Online; Kayle Donner ; 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)

16267 001 LEC, Completely Online; Meets With: 001 PSY 3902W001 PSY 3901W; Caprice Niccoli-Waller ; 3 cr.
16268 002 LAB, Completely Online; Joshua Braverman ; 3 cr.
16269 003 LAB, Completely Online; Ashley Walters ; 3 cr.

3993 Directed Study

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

13700 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

4032 Psychology of Music

(Student Option; Prereq: Grad or [[jr or sr], [3011 or 3031 or 3051 or 3061]] or instr consent)

34245 001 LEC, Completely Online; Andrew Oxenham ; 3 cr.

4207 Personality and Social Behavior

(A-F or Audit; Prereq: 3101 or 3201 or honors or grad student or instr consent)

31937 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 PSY 5207; Cory Fleck ; 3 cr.

4501 Psychology of Women and Gender

(Student Option; Prereq: [[Jr or sr], psych major] or instr consent)

15837 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Molly Madzellan ; 3 cr.

4521 Psychology of Stress and Trauma

(A-F only; Prereq: PSY 1001 and 3001W or PSY 3001V or CPSY 3308W)

17230 001 LEC, Completely Online; Mckenzie Kaubrys ; 3 cr.

4902V Honors Project

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

13706 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)

14810 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

16316 002 IND, In Person Term Based; 1-6 cr.

5031W Perception

(Student Option; Prereq: 3031 or 3051 or instr consentWI)

31926 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 NSC 5031W; Gordon Legge ; 3 cr.

5038W Introduction to Neural Networks

(Student Option; Prereq: [[3061 or NSC 3102], [MATH 1282 or 2243]] or instr consentWI)

31923 001 LAB, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Daniel Kersten ; 3 cr.

5064 Brain and Emotion

(A-F or Audit; Prereq: 3061 or 5061 or instr consent)

31919 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Jonathan Gewirtz ; 3 cr.

5137 Introduction to Behavioral Genetics

(Student Option; Prereq: 3001W or equiv or instr consent)

13701 001 LEC, 14:30-15:45 TTh, Smith Hall 100, Partially Online; Matt Mc Gue ; 3 cr.

5204 Psychology of Interpersonal Relationships

(A-F only; Prereq: Honors or grad student or instr consent)

32997 001 LEC, 08:15-09:30 TTh, Elliott Hall N219, Primarily Online; Rachael Jones ; 3 cr.

5207 Personality and Social Behavior

(A-F or Audit; Prereq: 3101 or 3201 or honors or grad student or instr consent)

31936 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 PSY 4207; Cory Fleck ; 3 cr.

5701 Employee Selection and Staffing

(Student Option; Prerequisite: Psy 3001W, Psy 3711 or Instructor Permission)

17231 001 LEC, 13:00-16:00 T, Twin Cities Remote, Completely Online; Deniz Ones, Casey Giordano ; 3 cr.

5862 Psychological Measurement: Theory and Methods

(Student Option; Prereq: 3801H or MATH 1271 or grad student)

14167 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; David Weiss ; 3 cr.

5960 Topics in Psychology

(Student Option; Prereq: PSY 1001, Jr or sr or grad student)

33123 001 LEC, 09:00-11:30 M, Twin Cities Remote, Completely Online; Moin Syed ; 1-4 cr.

5993 Research Laboratory in Psychology

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

15124 001 LAB, In Person Term Based; Eugene Borgida ; 3 cr.

15125 003 LAB, 00:00-00:00 , ONLINE, Completely Online; Colin DeYoung ; 3 cr.

15126 005 LAB, 00:00-00:00 , ONLINE, Completely Online; Christopher Federico ; 3 cr.

15127 006 LAB, 00:00-00:00 , , In Person Term Based; Charles Fletcher ; 3 cr.

15128 007 LAB, 00:00-00:00 , , In Person Term Based; Patricia Frazier ; 3 cr.

15129 008 LAB, 00:00-00:00 , ONLINE, Completely Online; Jonathan Gewirtz ; 3 cr.

15130 009 LAB, 00:00-00:00 , , In Person Term Based; Marti Hope Gonzales ; 3 cr.

15131 010 LAB, 00:00-00:00 , ONLINE, Completely Online; Nicola Grissom ; 3 cr.

15132 011 LAB, 00:00-00:00 , , In Person Term Based; Sheng He ; 3 cr.

15133 012 LAB, 00:00-00:00 , , In Person Term Based; Nathaniel Helwig ; 3 cr.

15134 014 LAB, Completely Online; Yuhong Jiang ; 3 cr.

15135 015 LAB, 09:00-12:00 T, Twin Cities Remote, Completely Online; Daniel Kersten ; 3 cr.

15136 017 LAB, Completely Online; Wilma Koutstaal ; 3 cr.

15137 018 LAB, 00:00-00:00 , , In Person Term Based; Robert Krueger ; 3 cr.

15138 019 LAB, 00:00-00:00 , , In Person Term Based; Nathan Kuncel ; 3 cr.

15139 020 LAB, Completely Online; Richard Landers ; 3 cr.

15140 021 LAB, 00:00-00:00 , , In Person Term Based; James Lee ; 3 cr.

15141 022 LAB, 11:30-12:30 M, Twin Cities Remote, Completely Online; Rich Lee ; 3 cr.

15142 023 LAB, 00:00-00:00 , ONLINE, Completely Online; Gordon Legge ; 3 cr.

15143 024 LAB, 15:00-16:00 Th, Twin Cities Remote, Completely Online; Shmuel Lissek ; 3 cr.

15144 025 LAB, 00:00-00:00 , ONLINE, Completely Online; Monica Luciana ; 3 cr.

15145 026 LAB, 16:00-17:30 W, Elliott Hall N423, In Person Term Based; Angus MacDonald ; 3 cr.

15146 027 LAB, 00:00-00:00 , ONLINE, Completely Online; Traci Mann ; 3 cr.

15147 028 LAB, In Person Term Based; Chad Marsolek ; 3 cr.

15148 029 LAB, 00:00-00:00 , , In Person Term Based; Liza Meredith ; 3 cr.

15149 030 LAB, 10:00-12:00 M, Twin Cities Remote, Completely Online; Penny Nichol ; 3 cr.

15150 032 LAB, 00:00-00:00 , ONLINE, Completely Online; Deniz Ones ; 3 cr.

15151 033 LAB, 00:00-00:00 , , In Person Term Based; Andrew Oxenham ; 3 cr.

15152 034 LAB, 00:00-00:00 , , In Person Term Based; Alexander Rothman ; 3 cr.

15153 036 LAB, 00:00-00:00 , ONLINE, Completely Online; Aaron Schmidt ; 3 cr.

15154 037 LAB, 00:00-00:00 , , In Person Term Based; Stephen Engel ; 3 cr.

15155 038 LAB, 00:00-00:00 , ONLINE, Completely Online; Paul Sackett ; 3 cr.

15351 037 LAB, 00:00-00:00 , ONLINE, Completely Online; Paul Schrater ; 3 cr.

15505 038 LAB, 00:00-00:00 , ONLINE, Completely Online; Jeff Simpson ; 3 cr.

15510 039 LAB, Completely Online; Mark Snyder ; 3 cr.

15513 040 LAB, In Person Term Based; Mark Stellmack ; 3 cr.

15734 002 LAB, 00:00-00:00 , , In Person Term Based; Thomas Brothen ; 3 cr.

15759 041 LAB, 14:30-15:30 Th, Twin Cities Remote, Completely Online; Moin Syed ; 3 cr.

16038 016 LAB, In Person Term Based; Bonnie Klimes-Dougan ; 3 cr.

16790 042 LAB, Completely Online; Iris Donga Vilares ; 3 cr.

16809 043 LAB, In Person Term Based; Scott Vrieze ; 3 cr.

16994 044 LAB, In Person Term Based; Niels Waller ; 3 cr.

17124 045 LAB, In Person Term Based; David Weiss ; 3 cr.

17515 013 LAB, 15:00-16:30 W, Twin Cities Remote, Completely Online; William Iacono ; 3 cr.

17516 031 LAB, In Person Term Based; Cheryl Olman ; 3 cr.

18173 046 LAB, Completely Online; Richard Douglass ; 3 cr.

18174 047 LAB, In Person Term Based; Katerina Marcoulides ; 3 cr.

18226 048 LAB, 15:15-16:30 W, Twin Cities Remote, Completely Online; Matt Mc Gue ; 3 cr.

35468 049 LAB, In Person Term Based; Richard Landers ; 3 cr.

35469 050 LAB, In Person Term Based; Deniz Ones ; 3 cr.

35470 051 LAB, In Person Term Based; Paul Sackett ; 3 cr.

35471 052 LAB, In Person Term Based; Aaron Schmidt ; 3 cr.

Public Affairs (PA)**1401 Public Affairs: Community Organizing Skills for Public Action**

(A-F only; CIV)

20695 001 LEC, 13:00-14:15 TTh, Willey Hall 125, 13:00-14:15 TTh, ONLINE BLENDED, Primarily Online; Dennis Donovan ; 3 cr.

3002 Basic Methods of Policy Analysis

(A-F or Audit; SOCS)

20673 001 LEC, 13:00-14:15 W, Willey Hall 125, 13:00-14:15 M, Willey Hall 125, 13:00-14:15 W, ONLINE BLENDED, Partially Online; P. Jay Kiedrowski ; 3 cr.

3003 Nonprofit and Public Financial Management

(A-F or Audit; Prereq: Jr or sr)

20657 001 LEC, 16:40-19:25 Th, Twin Cities Remote, Completely Online; Nishank Varshney ; 3 cr.

3969 Survey of Election Administration (Student Option No Audit;)

20710 001 LEC, Completely Online; Meets With: 001 PA 5971; Amy Wilson ; 3 cr.

3982 Data Analysis for Election Administration (Student Option No Audit;)

34060 001 LEC, Completely Online; Meets With: 001 PA 5982; Tamara Patrick ; 2 cr.

3983 Introduction to Election Security (Student Option No Audit;)

20718 001 LEC, Completely Online; Meets With: 001 PA 5983; Doug Chapin ; 1 cr.

4101 Nonprofit Management and Governance (Student Option;)

20658 001 LEC, 17:30-20:15 T, Twin Cities Remote, Completely Online; Kabo Yang ; 3 cr.

4200 Urban and Regional Planning (Student Option;)

20652 001 LEC, 16:00-17:15 TTh, Carlson School of Mgmt 1-147, Partially Online; Frank Douma ; 3 cr.

5002 Introduction to Policy Analysis (A-F or Audit;)

20653 001 LEC, 18:00-20:45 M, Twin Cities Remote, Completely Online; Samuel Myers ; 1.5 cr.

20684 002 LEC, 18:00-20:45 M, Twin Cities Remote, Completely Online; Samuel Myers ; 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)

20639 001 LEC, 18:00-20:45 W, Twin Cities Remote, Completely Online; Zhirong Zhao ; 1.5 cr.

20640 002 LEC, 18:00-20:45 T, Hanson Hall 1-106, 18:00-20:45 T, Hanson Hall 1-106, 18:00-20:45 T, Hanson Hall 1-106, Partially Online; Zhirong Zhao ; 1.5 cr.

20640 002 LEC, 18:00-20:45 T, Hanson Hall 1-106, Partially Online; Zhirong Zhao ; 1.5 cr.

5004 Introduction to Planning

(A-F or Audit; Prereq: Major/minor in urban/regional planning or instr consent)

20638 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Ryan Allen ; 3 cr.

5011 Management of Organizations (A-F or Audit;)

20636 001 LEC, 14:30-15:45 T, Bruininks Hall 330, 14:30-15:45 Th, Bruininks Hall 230, 14:30-15:45 T, ONLINE BLENDED, 14:30-15:45 Th, ONLINE BLENDED, Partially Online; Jodi Sandfort ; 3 cr.

33022 002 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Yuan Cheng ; 3 cr.

5012 The Politics of Public Affairs

(A-F or Audit;)

20662 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Larry Jacobs ; 3 cr.

5013 Law and Urban Land Use

(A-F or Audit; Prereq: Major or minor in urban/regional planning or instr consent)

20635 001 LEC, 18:00-20:45 T, Twin Cities Remote,
Completely Online; Jean Coleman ; 1.5 cr.

5021 Microeconomics for Policy Analysis (A-F or Audit;)

20654 003 LEC, 09:45-11:00 MW, Twin Cities Remote,
Completely Online; Maria Hanratty ; 3 cr.
20655 004 LAB, 11:15-12:05 F, Twin Cities Remote,
Completely Online; Maria Hanratty ; 3 cr.
20685 001 LEC, 13:00-14:15 MW, Twin Cities Remote,
Completely Online; Judy Temple ; 3 cr.
20686 002 LAB, 12:45-13:35 F, Twin Cities Remote,
Completely Online; Judy Temple ; 3 cr.

5022 Applications of Economics for Policy Analysis

(A-F or Audit; Prereq: 5021 or equiv)

33221 001 DIS, 11:15-12:30 M, Twin Cities Remote,
Completely Online; Judy Temple ; 1.5-3 cr.
34634 002 DIS, 13:00-15:45 M, Twin Cities Remote,
Completely Online; Morris Kleiner ; 1.5-3 cr.

5031 Statistics for Public Affairs (A-F or Audit;)

20632 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Angie Fertig ; 4 cr.
20633 002 LAB, 09:45-11:00 F, Twin Cities Remote,
Completely Online; Angie Fertig ; 4 cr.
20634 003 LAB, 11:15-12:30 F, Twin Cities Remote,
Completely Online; Angie Fertig ; 4 cr.
20729 004 LAB, 12:45-14:00 F, Twin Cities Remote,
Completely Online; Angie Fertig ; 4 cr.

5041 Qualitative Methods for Policy Analysts (A-F only;)

20665 001 LEC, 16:00-17:15 TTh, Twin Cities Remote,
Completely Online; Dipali Mukhopadhyay ; 4 cr.
20666 002 LAB, 14:30-15:45 W, Twin Cities Remote,
Completely Online; Dipali Mukhopadhyay ; 4 cr.

5045 Statistics for Public Affairs, Accelerated (A-F or Audit;)

20719 001 LEC, 09:45-11:00 F, Twin Cities Remote,
11:15-12:30 TTh, Twin Cities Remote, Completely Online;
Gabriel Chan ; 4 cr.
20720 002 LAB, 08:15-09:30 F, Twin Cities Remote,
Completely Online; Gabriel Chan ; 4 cr.

5051 Public Affairs Leadership

(A-F only; Prereq: Major in public affairs (cohort) or
public affairs certificate (cohort); 5051-5052 must be
taken in same academic yr)

20668 001 LEC, 08:45-16:30 ThFSa, Twin Cities Remote,
10:00-17:00 F, Twin Cities Remote, 08:45-16:30 Sa,
Twin Cities Remote, 10:00-17:00 F, Twin Cities Remote,
08:45-16:30 Sa, Twin Cities Remote, 10:00-17:00 F,
Twin Cities Remote, 08:45-16:30 Sa, Twin Cities Remote,
08:45-16:30 F, Twin Cities Remote, Completely Online;
Kevin Gerdes ; 2 cr.

5053 Policy Analysis in Public Affairs

(A-F only; Prereq: Major in public affairs (cohort) or
public affairs certificate (cohort); 5053-5054 must be
taken in same academic yr)

20669 001 LEC, Completely Online; Angie Fertig ; 2 cr.

5055 Qualitative 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])

20670 001 LAB, Completely Online; Kathy Quick ; 2 cr.

5080 Capstone Preparation Workshop (S-N only;)

20704 001 LEC, 14:00-16:00 F, Twin Cities Remote,
Completely Online; Kevin Gerdes ; 1 cr.

5081 Working in Teams: Crossing Disciplines and Learning from Difference (S-N only;)

20679 002 LEC, 08:30-16:00 F, Twin Cities Remote,
Completely Online; Laura Bloomberg ; 0.5 cr.
20680 001 LEC, 08:30-16:00 F, Twin Cities Remote,
Completely Online; Laura Bloomberg ; 0.5 cr.

5101 Management and Governance of Nonprofit Organizations

(Student Option; Prereq: Grad student or instr consent)

20712 001 LEC, 17:45-20:30 Th, Twin Cities Remote,
Completely Online; Michael Wirth-Davis ; 3 cr.

5105 Integrative Leadership: Leading Across Sectors to Address Grand Challenges

(Student Option No Audit;)

20732 001 LEC, 18:00-20:45 Th, Twin Cities Remote,
Completely Online; Meets With: 001 OLPD 6402060 MGMT
6402001 LAW 6623001 PUBH 6702; Kathy Quick, David
Weerts ; 3 cr.

5135 Managing Conflict: Negotiation (Student Option;)

20696 001 LEC, 18:00-20:45 M, Twin Cities Remote,
Completely Online; Margaret Anderson Kelliher ; 3 cr.

5161 Redesigning Human Services

(A-F or Audit;)

20705 001 LEC, 08:30-12:00 F, Anderson Hall 350,
08:30-12:00 Sa, Blegen Hall 10, 08:30-12:00 F,
ONLINE BLENDED, 08:30-12:00 F, Anderson Hall
350, 08:30-12:00 F, Anderson Hall 350, 08:30-12:00 F,
Anderson Hall 350, 08:30-12:00 F, Anderson Hall 350,
08:30-12:00 F, Anderson Hall 350, Partially Online; Sook
Jin Ong, Jodi Sandfort ; 3 cr.

5205 Statistics for Planning

(A-F only;)

20721 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Jason Cao ; 4 cr.
20722 002 LAB, 13:00-14:15 Th, Twin Cities Remote,
Completely Online; Jason Cao ; 4 cr.
20723 003 LAB, 14:30-15:45 T, Twin Cities Remote,
Completely Online; Jason Cao ; 4 cr.

5211 Land Use Planning

(A-F only; Prereq: Major or minor in urban/regional
planning or instr consent)

20660 001 LEC, 18:00-20:45 M, Twin Cities Remote,
Completely Online; Yingling Fan ; 3 cr.

5231 Transit Planning and Management

(Student Option; Prereq: Grad student or instr consent)

20637 001 LEC, 18:00-20:45 Th, Twin Cities Remote,
Completely Online; Meets With: 001 CECE 5213; Jason
Cao ; 3 cr.

5251 Strategic Planning and Management

(Student Option No Audit;)

20672 001 LEC, 18:00-20:45 T, Twin Cities Remote,
Completely Online; John Bryson ; 3 cr.

5262 Neighborhood Revitalization Theories and Strategies

(Student Option No Audit;)

20750 001 LEC, 16:00-17:15 MW, Twin Cities Remote,
Completely Online; William Delaney, Shannon Jones ; 3 cr.

5271 Geographic Information Systems: Applications in Planning and Policy Analysis

(Student Option; Prereq: Major in urban/regional
planning or instr consent)

20659 001 LAB, 18:00-20:45 W, Twin Cities Remote,
Completely Online; Geoffrey Maas ; 3 cr.

5281 Immigrants, Urban Planning and Policymaking in the U.S.

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

33060 001 LEC, 14:30-15:45 MW, Twin Cities Remote,
Completely Online; Ryan Allen ; 3 cr.

5290 Topics in Planning

(Student Option;)

33061 001 LEC, 09:00-11:45 F, Twin Cities Remote,
Completely Online; Peter Brown ; 0.5-4 cr.
34142 003 LEC, 09:00-11:45 F, Twin Cities Remote,
Completely Online; Meets With: 001 PA 8290; Edward
Goetz, Rashad Williams ; 0.5-4 cr.

5301 Population Methods & Issues for the United States & Global South

(Student Option; Prereq: Grad student or instr consent)

20714 001 LEC, 09:45-11:00 MW, Carlson School of Mgmt
1-147, Partially Online; Janna Johnson ; 3 cr.

5311 Program Evaluation

(Student Option; Prereq: Grad student or instr consent)

20713 001 LEC, 18:00-20:45 M, Twin Cities Remote,
18:00-20:45 M, Twin Cities Remote, 18:00-20:45 M,
Twin Cities Remote, 18:00-20:45 M, Twin Cities Remote,
18:00-20:45 M, Twin Cities Remote, 18:00-20:45 M,
Twin Cities Remote, 18:00-20:45 M, Twin Cities Remote,
Completely Online; Emily Kalnicky ; 3 cr.

5401 Poverty, Inequality, and Public Policy (Student Option; Prereq: Grad or instr consent)

20661 001 LEC, 16:35-17:50 MW, Twin Cities Remote,
Completely Online; Maria Hanratty ; 3 cr.

5405 Public Policy Implementation

(A-F or Audit;)

20682 001 LEC, 14:30-17:30 W, Twin Cities Remote,
Completely Online; Kaylee Myhre Errecaborde ; 3 cr.

5413 Early Childhood and Public Policy

(Student Option; Prereq: Grad or instr consent)

20753 001 LEC, 18:00-20:45 W, Twin Cities Remote,
Completely Online; David Pinto ; 1.5-3 cr.

5431 Public Policies on Work and Pay

(Student Option; Prereq: [[PA 5031 or equiv], grad
student] or instr consent)

20711 001 LEC, 18:00-20:45 T, Twin Cities Remote,
Completely Online; Meets With: 060 HRIR 5655; Morris
Kleiner ; 3 cr.

5490 Topics in Social Policy

(Student Option;)

33326 002 DIS, 16:00-17:15 TTh, Twin Cities Remote,
Completely Online; Audrey Dorelien ; 1-4 cr.

5501 Theories and Policies of Development

(Student Option; Prereq: Grad student or instr consent)

20707 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Colette Salemi ; 3 cr.

5503 Economics of Development

(A-F or Audit; Prereq: PA 5501 or concurrent
registration is required (or allowed) in PA 5501)

20678 001 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Ragui Assaad ; 3 cr.

5512 Workforce and Economic Development

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

33183 001 LEC, 18:00-20:45 T, Twin Cities Remote,
Completely Online; Neal Young ; 3 cr.

5601 Global Survey of Gender and Public Policy

(Student Option;)

33156 001 LEC, 16:00-17:15 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 PA 8690; Christina
Ewig ; 3 cr.

5622 GAINS: Gender and Intersectional Network Series, Leadership Workshop I (S-N only;)

33000 001 LEC, 14:15-17:00 F, Twin Cities Remote,
14:15-17:00 F, Twin Cities Remote, 14:15-17:00 F,
Twin Cities Remote, 14:15-17:00 F, Twin Cities Remote,
Completely Online; Christina Ewig ; 0.5-1 cr.

5711 Science, Technology & Environmental Policy

(Student Option;)

20663 001 LEC, 16:00-17:15 TTh, Twin Cities Remote,
Completely Online; Elise Harrington ; 3 cr.

5722 Economics of Natural Resource and Environmental Policy

(Student Option; Prereq: [Intermediate
microeconomics, intermediate policy analysis, grad
student] or instr consent)

33462 001 LEC, 16:00-17:15 W, ONLINE BLENDED,
16:00-17:15 M, West Bank Skyway 20, Partially Online;
Bonnie Keeler ; 3 cr.

5724 Climate Change Policy

(Student Option; Prereq: Intro microecon (such as
Econ 1101 or equiv))

33229 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Gabriel Chan ; 3 cr.

5813 US Foreign Policy: Issues and Institutions

(Student Option No Audit;)

20699 001 LEC, 14:30-15:45 MW, Twin Cities Remote,
Completely Online; Mary Curtin ; 3 cr.

5826 National Security Policy

(Student Option;)

20749 001 LEC, 18:00-20:45 Th, Hanson Hall 1-107, In
Person Term Based; Steven Andreasen ; 3 cr.

5885 Human Rights Policy: Issues and Actors

(Student Option;)

20736 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Amelia Shindelar ; 3 cr.

5886 Master of Human Rights Cohort Seminar I
(S-N only; Prereq: First-year MHR)

20700 001 LEC, 14:30-16:25 T, Twin Cities Remote, 14:30-16:25 T, Twin Cities Remote, 14:30-16:25 T, Twin Cities Remote, 14:30-16:25 T, Twin Cities Remote, 14:30-16:25 T, Twin Cities Remote, 14:30-16:25 T, Twin Cities Remote, 14:30-16:25 T, Twin Cities Remote, 14:30-16:25 T, Twin Cities Remote, Completely Online; Janet Walsh ; 1 cr.

5890 Topics in Foreign Policy and International Affairs
(Student Option;)

32992 001 LEC, 15:00-20:00 F, Twin Cities Remote, 08:00-16:00 Sa, Twin Cities Remote, Completely Online; Mary Curtin ; 1-5 cr.
33116 004 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Janet Walsh ; 1-5 cr.

5910 Developing Your Public Service Career
(S-N or Audit;)

20656 001 LEC, 11:15-12:30 M, Twin Cities Remote, Completely Online; Steph Eiden ; 1 cr.

5920 Skills Workshop
(Student Option;)

33600 001 LEC, Completely Online; Bonnie Keeler ; 0.5-4 cr.
33716 002 LEC, 18:00-20:45 W, Twin Cities Remote, Completely Online; Hally Turner, Kathryn Caskey ; 0.5-4 cr.
33719 003 LEC, 18:00-20:45 W, Twin Cities Remote, Completely Online; Hally Turner, Kathryn Caskey ; 0.5-4 cr.
34481 004 LEC, 08:30-17:00 Sa, Twin Cities Remote, 08:30-17:00 Sa, Twin Cities Remote, Completely Online; Tadd Johnson, Joseph Bauerkemper ; 0.5-4 cr.

5929 Data Visualization: Telling Stories with Numbers
(Student Option;)

20701 001 LAB, 17:30-20:50 M, Twin Cities Remote, Completely Online; Geoffrey Maas ; 2 cr.

5932 Working with Data: Finding, Managing, and Using Data
(Student Option;)

33323 001 LAB, Completely Online; Sangyoo Lee ; 1.5 cr.

5933 Survey Methods: Designing Effective Questionnaires
(A-F only;)

33014 001 LEC, 16:00-17:40 M, Hubert H. Humphrey School 25, Partially Online; Deborah Levison ; 2 cr.

5934 HPAR - Humphrey Public Affairs Review Board Seminar
(S-N only;)

32994 001 LEC, 16:00-17:15 T, Blegen Hall 317, 16:00-17:15 T, Blegen Hall 317, 16:00-17:15 T, Blegen Hall 317, 16:00-17:15 T, Blegen Hall 317, 16:00-17:15 T, Blegen Hall 317, 16:00-17:15 T, Blegen Hall 317, Partially Online; Deborah Levison ; 1.5 cr.

5971 Survey of Election Administration
(Student Option No Audit;)

20708 001 LEC, Completely Online; Meets With: 001 PA 3969; Amy Wilson ; 3 cr.

5982 Data Analysis for Election Administration
(Student Option No Audit;)

34061 001 LEC, Completely Online; Meets With: 001 PA 3982; Tamara Patrick ; 2 cr.

5983 Introduction to Election Security
(Student Option No Audit;)

20717 001 LEC, Completely Online; Meets With: 001 PA 3983; Doug Chapin ; 1 cr.

Public Health (PUBH)

1001 Success Over Stress (SOS)
(Student Option; Prereq: Undergrad or PSEO student)

26374 001 LEC, Completely Online; Sarah Keene ; 1 cr.
26375 002 LEC, Completely Online; Sarah Keene ; 1 cr.
26384 006 LEC, Completely Online; Sarah Keene ; 1 cr.

1002 Personal Technology and Wellbeing
(Student Option; Prerequisite: Undergraduate or PSEO student.)

33215 001 LEC, Completely Online; Laurie Lucachick ; 1 cr.

1003 Alcohol and College Life (ACL)
(Student Option; Prereq: Undergrad or PSEO student.)

26123 001 LEC, Completely Online; Ashley Mitchell ; 1 cr.
26371 004 LEC, Completely Online; Ashley Mitchell ; 1 cr.
26372 003 LEC, Completely Online; Ashley Mitchell ; 1 cr.

1004 Sexuality Matters
(Student Option; Prereq: Undergrad or PSEO student)

26386 001 LEC, Completely Online; Emily Matson ; 1 cr.
26401 004 LEC, Completely Online; Emily Matson ; 1 cr.

1005 Sleep, Eat, and Exercise
(Student Option; Prereq: [Undergrad or PSEO] student)

26320 001 LEC, Completely Online; Lindsey Poquette ; 1 cr.
26321 002 LEC, Completely Online; Lindsey Poquette ; 1 cr.
26373 006 LEC, Completely Online; Lindsey Poquette ; 1 cr.

3001 Personal and Community Health
(Student Option;)

26087 001 LEC, 12:20-13:10 MW, Twin Cities Remote, Completely Online; Harry Lando, Sarah Tummala ; 2 cr.

3003 Fundamentals of Alcohol and Drug Abuse
(Student Option;)

26088 001 LEC, 12:20-13:10 TTh, Twin Cities Remote, Completely Online; Harry Lando, Sarah Tummala ; 2 cr.

3004 Basic Concepts in Personal and Community Health
(Student Option;)

26089 001 LEC, 12:20-13:10 MTWTh, Twin Cities Remote, Completely Online; Harry Lando, Sarah Tummala ; 4 cr.

3011 Public Health Approaches to HIV/AIDS
(Student Option;)

26150 001 LEC, 10:10-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 PUBH 6011; B. R. Simon Rosser ; 2 cr.

3051 Practicum in Peer Education I
(A-F or Audit; Prereq: Selected to serve as a hith advocate, instr consent)

26090 001 LEC, 14:30-16:25 T, Twin Cities Remote, Completely Online; Julie Sanem ; 2 cr.

3100 Topics: Environmental Health
(Student Option No Audit;)

35138 320 LEC, Completely Online; Gillian Tarr, Craig Hedberg, Angela Ulrich ; 1-3 cr.

3102 Issues in Environmental and Occupational Health
(Student Option;)

26118 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Petrona Lee ; 3 cr.

3193 Environmental Health: Directed Studies
(S-N only;)

26522 001 IND, In Person Term Based; 1-3 cr.

3202 What is Public Health?
(Student Option No Audit;)

26217 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Ruby Nguyen ; 2 cr.

3351 Epidemiology: People, Places, and Disease
(Student Option; Prereq: Undergrad statistics course is recommended)

26415 001 LEC, Completely Online; Ruby Nguyen ; 2 cr.

3415 Introduction to Clinical Trials - Online
(A-F only; Prereq: PUBH 3415 enrollees must have one semester of undergraduate level introductory biostatistics or statistics (STAT 3011, EPSY 3264, SOC 3811, BIOL 3272, or instr consent) AND junior or senior standing or instr consent.)

26388 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Ann Brearley, Andrew Mugglin ; 3 cr.

26388 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Ann Brearley, Andrew Mugglin ; 3 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])

34416 320 LEC, Completely Online; Ashley Mitchell ; 2 cr.

3801 Health Economics and Policy
(Student Option; Prereq: Course on microeconomics, course on basic statistics)

26441 101 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Eric Christensen, Caroline Carlin ; 3 cr.

3954 Personal, Social, and Environmental Influences on the Weight-Related Health of Pediatric Populations
(Student Option; Prereq: Students should have completed one basic, introductory nutrition course or equivalent or permission by instructor)

26390 320 LEC, 00:00-00:00 , ONLINE, Completely Online; Meets With: 320 PUBH 6954; Nicole Larson ; 2 cr.

Rehabilitation Science (RSC)

5106 Introduction to Rehabilitation Science
(Student Option;)

25118 001 DIS, 13:25-14:15 M, Twin Cities Remote, Completely Online; Ann Van de Winckel ; 1 cr.

5231 Clinical Biomechanics
(A-F only; Prereq: concurrent registration is required (or allowed) in PT 6231, general physics, [intro or short] calculus, anatomy; intensive anatomy course in human cadaver dissection recommended)

24768 001 LEC, 08:00-09:55 MWF, Health Sciences Edu Ctr 3-150, 08:00-09:55 MWF, ONLINE BLENDED, Partially Online; Meets With: 001 PT 6231; Ward Glasoe, Paula Ludewig, Arin Ellingson ; 2-5 cr.

5281 Physiology for Physical Rehabilitation
(A-F or Audit; Prereq: Rehabilitation Science grad student)

24832 001 DIS, 13:25-15:20 Th, Twin Cities Remote, 10:10-12:05 T, Twin Cities Remote, Completely Online; Meets With: 001 PT 6281; LeAnn Snow, Cory Baumann, Susan Novotny ; 2-4 cr.

5294 Independent Study in Rehabilitation Science
(Student Option; Prereq: Rehabilitation science student or program approval)

24283 001 IND, 00:00-00:00 , Independent/Directed Study; Paula Ludewig ; 1-3 cr.
24625 002 IND, 00:00-00:00 , Independent/Directed Study; Brendan Dougherty ; 1-3 cr.
24626 003 IND, 00:00-00:00 , Independent/Directed Study; Bernadette Gillick ; 1-3 cr.
24627 004 IND, 00:00-00:00 , Independent/Directed Study; John Ferguson ; 1-3 cr.
24628 005 IND, 00:00-00:00 , Independent/Directed Study; Patricia Schaber ; 1-3 cr.
24629 006 IND, 00:00-00:00 , Independent/Directed Study; Dawn Lowe ; 1-3 cr.
24653 007 IND, 00:00-00:00 , Independent/Directed Study; Linda Koehler ; 1-3 cr.
24685 008 IND, 00:00-00:00 , Independent/Directed Study; LeAnn Snow ; 1-3 cr.
24689 009 IND, 00:00-00:00 , Independent/Directed Study; Justin Staker ; 1-3 cr.
24691 010 IND, 00:00-00:00 , Independent/Directed Study; Peggy Martin ; 1-3 cr.
24781 011 IND, 00:00-00:00 , Independent/Directed Study; Andrew Hansen ; 1-3 cr.
24847 012 IND, 00:00-00:00 , Independent/Directed Study; Ann Van de Winckel ; 1-3 cr.
24848 013 IND, 00:00-00:00 , Independent/Directed Study; Tamara Vos-Draper ; 1-3 cr.
24889 014 IND, 00:00-00:00 , Independent/Directed Study; Manda Keller-Ross ; 1-3 cr.
24890 015 IND, 00:00-00:00 , Independent/Directed Study; Arin Ellingson ; 1-3 cr.
24904 016 IND, Independent/Directed Study; Corey McGee ; 1-3 cr.
24908 017 IND, Independent/Directed Study; Ricardo Battaglino ; 1-3 cr.

5814 Age, Exercise, and Rehabilitation
(Student Option; Prereq: Rehabilitation science student or program permission)

34369 001 LEC, 14:30-16:25 T, AHC ROOM TBA, In Person Term Based; LeAnn Snow ; 2 cr.

Religious Studies (RELS)

1002 Contemporary Issues in Religion, Culture, and Society: An Introduction to Religion

(Student Option; AH)

17227 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Mohsen Goudarzi ; 3 cr.

1034 Introduction to Jewish History and Cultures**(Student Option; HIS)**

16060 001 DIS, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 JWST 1034001 JWST 3034001 RELS 3034001 HIST 1534001 HIST 3534; Natan Paradise ; 3 cr.

1201 Bible:Context & Interpretation**(Student Option; Prereq: Knowledge of Hebrew not required)LITR)**

15473 001 LEC, Completely Online; Meets With: 001 RELS 3201001 JWST 1201001 JWST 3201001 CNES 1201001 CNES 3201; Patricia Ahearne-Kroll ; 3 cr.

3034 Introduction to Jewish History and Cultures**(Student Option; HIS)**

16061 001 DIS, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 JWST 1034001 JWST 3034001 RELS 1034001 HIST 1534001 HIST 3534; Natan Paradise ; 3 cr.

3071 Greek and Hellenistic Religions**(Student Option; HIS)**

34353 001 LEC, 13:00-13:45 W, Twin Cities Remote, Completely Online; Meets With: 001 CNES 3071001 RELS 5071001 CNES 5071; Stephen Ahearne-Kroll ; 3 cr.

3113 History of Modern Israel/Palestine: Society, Culture, and Politics**(Student Option; GP)**

33628 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 001 HIST 3512001 JWST 3512; Daniel Schroeter ; 3 cr.

3201 Bible:Context & Interpretation**(Student Option; Prereq: Knowledge of Hebrew not required)LITR)**

15474 001 LEC, Completely Online; Meets With: 001 RELS 1201001 JWST 1201001 JWST 3201001 CNES 1201001 CNES 3201; Patricia Ahearne-Kroll ; 3 cr.

3377 A Thousand Years of Buddhism in China: Beliefs, Practices, and Culture**(Student Option;)**

34351 001 LEC, Completely Online; Meets With: 001 AMES 3377; Paul Rouzer ; 3 cr.

3520 History of the Holocaust**(Student Option;)**

34356 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 HIST 3727001 JWST 3520; Sheer Ganor ; 3 cr.

3535 Death and the Afterlife in the Ancient World**(Student Option; AH)**

33629 001 LEC, 11:15-12:30 WF, Twin Cities Remote, Completely Online; Meets With: 001 CNES 3535; Hanne Levinson ; 3 cr.

3711 The Islamic World**(Student Option; GP,SOC)**

35188 001 LEC, 17:00-19:30 W, Blegen Hall 445, In Person Term Based; Meets With: 001 GEOG 3145; Abdi Samatar ; 3 cr.

3712 Islam: Religion and Culture**(Student Option; Prereq: Soph or jr or sr)**

17228 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 001 HIST 3493; Mohsen Goudarzi ; 3 cr.

3716 Gender and the Family in the Islamic World**(A-F only; Prereq: At least soph; 1001 recommended)**

33642 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 SOC 3681001 GLOS 3681001 GWSS 3681; Cawo Abdi ; 3 cr.

3717 Christians, Muslims, and Jews in the Middle Ages**(Student Option; GP,HIS)**

33627 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 HIST 3606001 JWST 3606; Daniel Schroeter ; 3 cr.

3718W Christ in Islamic Thought**(Student Option; WI)**

34742 001 LEC, 16:00-18:30 W, Twin Cities Remote, Completely Online; Meets With: 090 HIST 3494W; Nabil Matar ; 3 cr.

3722 The Ottoman Empire**(Student Option; GP,HIS)**

18008 001 LEC, 16:00-17:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 HIST 3547; Fikri Cicek ; 3 cr.

3896 Internship in Religion, Society, and Culture**(Student Option;)**

17906 001 IND, In Person Term Based; Jeanne Kilde ; 1-4 cr.

3993 Directed Studies**(Student Option;)**

13847 001 IND, 00:00-00:00 , , In Person Term Based; Jeanne Kilde ; 1-4 cr.
18271 002 IND, In Person Term Based; JB Shank ; 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.)**

16080 001 IND, 00:00-00:00 , , In Person Term Based; Iraj Bashiri ; 1-4 cr.
16081 002 IND, 00:00-00:00 , , In Person Term Based; Penny Edgell ; 1-4 cr.
16082 003 IND, 00:00-00:00 , , In Person Term Based; Jeanne Kilde ; 1-4 cr.
16083 004 IND, 00:00-00:00 , , In Person Term Based; Nabil Matar ; 1-4 cr.
16084 005 IND, 00:00-00:00 , , In Person Term Based; Oliver Nicholson ; 1-4 cr.
16085 006 IND, 00:00-00:00 , , In Person Term Based; Melissa Sellow ; 1-4 cr.
16086 007 IND, 00:00-00:00 , , In Person Term Based; Katharine Gerbner ; 1-4 cr.
17466 008 IND, In Person Term Based; Paul Rouzer ; 1-4 cr.
18279 009 IND, In Person Term Based; Hanne Levinson ; 1-4 cr.

5071 Greek and Hellenistic Religions**(Student Option;)**

34354 001 DIS, 13:00-13:45 W, Twin Cities Remote, Completely Online; Meets With: 001 CNES 3071001 RELS 3071001 CNES 5071; Stephen Ahearne-Kroll ; 3 cr.

5993 Directed Studies**(Student Option; Prereq: instr consent)**

15051 001 IND, 00:00-00:00 , , In Person Term Based; Jeanne Kilde ; 1-4 cr.

Retail Merchandising (RM)**1201 Fashion, Ethics, and Consumption****(Student Option; CIV)**

11134 001 LEC, Completely Online; Naeun Kim ; 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)**

11022 001 FWK, Independent/Directed Study; Naeun Kim ; 1-4 cr.
11023 002 FWK, Independent/Directed Study; Hye-Young Kim ; 1-4 cr.
11024 003 FWK, Independent/Directed Study; Juanjuan Wu ; 1-4 cr.
11172 004 FWK, Independent/Directed Study; Hyunjoo Im ; 1-4 cr.
11379 005 FWK, Independent/Directed Study; Peggy Lord ; 1-4 cr.

2215 Introduction to Retail Merchandising**(A-F or Audit;)**

11025 001 LEC, 11:45-13:00 TTh, Twin Cities Remote, Completely Online; Peggy Lord ; 3 cr.
11227 002 LEC, Completely Online; Peggy Lord ; 3 cr.

2234 Retailing in a Digital Age**(A-F only; TS)**

11243 001 LEC, Completely Online; Hyunjoo Im ; 3 cr.

3124 Consumers of Design**(A-F only; Prereq: retail merchandising major or minor)**

11217 001 DIS, Completely Online; Garim Lee ; 3 cr.

3170 Topics in Retail Merchandising**(A-F or Audit;)**

33915 001 LEC, 11:45-13:00 TTh, Twin Cities Remote, Completely Online; Naeun Kim ; 1-4 cr.

3201 Career and Internship Preparation for Retail Merchandising**(A-F only; Prereq: Retail merchandising major)**

10964 001 LEC, 09:35-10:25 W, Twin Cities Remote, Completely Online; Kara Branyon ; 1 cr.
11271 002 LEC, 15:00-15:50 W, Twin Cities Remote, Completely Online; 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 or CALG student group], [jr or sr], retail merchandising [major or minor]] or instr consent)**

10926 001 DIS, 13:30-14:45 TTh, Twin Cities Remote, Completely Online; Jaye Thompson ; 3 cr.

3243 Visual Merchandising**(A-F or Audit; Prereq: 2215, [DHA major or minor or instr consent])**

11152 001 LEC, 12:50-15:50 W, Twin Cities Remote, Completely Online; 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][W])**

11246 001 DIS, Completely Online; Jennifer Huh ; 3 cr.
11381 002 DIS, Completely Online; Bo Ra Joo ; 3 cr.

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

11123 001 LEC, Independent/Directed Study; Naeun Kim ; 2 cr.
11124 002 LEC, Independent/Directed Study; Hye-Young Kim ; 2 cr.
11125 003 LEC, Independent/Directed Study; Juanjuan Wu ; 2 cr.
11171 004 LEC, Independent/Directed Study; Hyunjoo Im ; 2 cr.

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

11026 002 IND, Independent/Directed Study; Hye-Young Kim ; 1-4 cr.
11027 003 IND, Independent/Directed Study; Juanjuan Wu ; 1-4 cr.
11173 001 IND, Independent/Directed Study; Hyunjoo Im ; 1-4 cr.
31982 004 IND, Independent/Directed Study; Naeun Kim ; 1-4 cr.

4196 Internship in Retail Merchandising**(S-N only; 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)**

11358 005 FWK, Independent/Directed Study; Peggy Lord ; 1-2 cr.

4212W Dress, Society, and Culture**(A-F or Audit; Prereq: [Jr or sr or grad student], [design major or minor or instr consent][W])**

11223 001 LEC, Completely Online; Heejin Lim ; 3 cr.

4216 Retail Promotions**(A-F or Audit; Prereq: 2215, [jr or sr or grad student], [DHA major or minor or instr consent])**

10975 001 LEC, Completely Online; Alanna Norton ; 3 cr.

4248 Creative Leadership in Retailing**(A-F only;)**

11244 001 LEC, 15:00-16:15 TTh, Twin Cities Remote, Completely Online; Jaye Thompson ; 3 cr.

Robotics (ROB)**5994 Directed Research****(Student Option;)**

35667 001 IND, 00:00-00:00 , , In Person Term Based; 1-3 cr.

Russian (RUSS)**1101 Beginning Russian I****(Student Option;)**

13760 001 DIS, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 RUSS 4101; Erik McDonald ; 5 cr.

13761 002 DIS, 12:20-13:10 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 RUSS 4101; Nadya Clayton ; 5 cr.
 13762 003 DIS, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 RUSS 4101; Erik McDonald ; 5 cr.
 14465 004 DIS, 18:00-20:05 Th, ONLINE BLENDED, 18:00-20:05 T, Rapson Hall 45, Partially Online; Meets With: 004 RUSS 4101; Yana Taets ; 5 cr.

3001 Intermediate Russian I

(Student Option; Prereq: 1102 or instr consent)
 15457 001 DIS, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 RUSS 4103; Erik McDonald ; 5 cr.
 15458 002 DIS, 18:00-20:05 M, ONLINE BLENDED, 18:00-20:05 W, Nicholson Hall 155, Partially Online; Meets With: 002 RUSS 4103; Yana Taets ; 5 cr.

3101 Advanced Russian I

(Student Option; Prereq: 3002 or 4104 or instr consent)
 13721 001 DIS, 14:30-15:20 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 RUSS 4111; Nadya Clayton ; 4 cr.

3311V Honors Major Project in Russian

(A-F only; Prereq: Advanced Russian majorWI)
 14384 001 IND, 00:00-00:00 , , In Person Term Based; 3-4 cr.

3311W Russian Major Project

(A-F or Audit; Prereq: Advanced Russian majorWI)
 14161 001 IND, 00:00-00:00 , , In Person Term Based; Nadya Clayton ; 3 cr.
 16776 002 IND, In Person Term Based; Erik McDonald ; 3 cr.

3422 Literature: Tolstoy to the Present in Translation

(Student Option; LITR)
 17494 001 DIS, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Meets With: 001 RUSS 5422; Nadya Clayton ; 3 cr.

3993 Directed Studies

(Student Option; Prereq instr consent, dept consent, college consent.)
 13722 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

4101 Beginning Russian for Graduate Research I

(Student Option;)
 15461 001 DIS, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 RUSS 1101; Erik McDonald ; 5 cr.
 15462 002 DIS, 12:20-13:10 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 RUSS 1101; Nadya Clayton ; 5 cr.
 15463 003 DIS, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 RUSS 1101; Erik McDonald ; 5 cr.
 15464 004 DIS, 18:00-20:05 Th, ONLINE BLENDED, 18:00-20:05 T, Rapson Hall 45, Partially Online; Meets With: 004 RUSS 1101; Yana Taets ; 5 cr.

4103 Intermediate Russian for Graduate Research I

(Student Option; Prereq: 4102)
 15459 001 DIS, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 RUSS 3001; Erik McDonald ; 5 cr.
 15460 002 DIS, 18:00-20:05 M, ONLINE BLENDED, 18:00-20:05 W, Nicholson Hall 155, Partially Online; Meets With: 002 RUSS 3001; Yana Taets ; 5 cr.

4111 Advanced Russian for Graduate Research I

(Student Option; Prereq: 3002 or 4104 or instr consent)
 16110 001 DIS, 14:30-15:20 MTWTh, Twin Cities Remote, Completely Online; Meets With: 001 RUSS 3101; Nadya Clayton ; 4 cr.

5422 Literature: Tolstoy to the Present in Translation

(Student Option; LITR)
 17495 001 DIS, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Meets With: 001 RUSS 3422; Nadya Clayton ; 3 cr.

5993 Directed Studies

(Student Option; Prereq instr consent, dept consent, college consent.)
 13723 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

Scandinavian (SCAN)**3011W Readings in Scandinavian Languages**

(Student Option; Prereq: [Dan or Nor or Swed][1004 or 4004] or instr consentWI)
 14657 001 DIS, 14:30-16:25 MW, Twin Cities Remote, Completely Online; Meets With: 001 SCAN 4011; Hanna Zmijewska-Emerson ; 4 cr.

3605 The Scandinavian Short Story

(Student Option; LITR)
 32955 001 DIS, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 SCAN 5605; Benjamin Bigelow ; 3 cr.

3634 Scandinavian Women Writers

(Student Option; GP,LITR)
 33020 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 001 SCAN 5634; Kyle Korynta ; 3 cr.

3993 Directed Studies

(Student Option; Prereq instr consent, dept consent, college consent.)
 14037 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

4011 Readings in Scandinavian Languages

(Student Option; Prereq: Grad student)
 15871 001 DIS, 14:30-16:25 MW, Twin Cities Remote, Completely Online; Meets With: 001 SCAN 3011W; Hanna Zmijewska-Emerson ; 2 cr.

5605 The Scandinavian Short Story

(Student Option; LITR)
 34839 001 DIS, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 SCAN 3605; Benjamin Bigelow ; 3 cr.

5634 Scandinavian Women Writers

(Student Option; GP,LITR)
 33477 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Meets With: 001 SCAN 3634; Kyle Korynta ; 3 cr.

5701 Old Norse Language and Literature

(Student Option;)
 14653 001 DIS, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Anatoly Liberman ; 3 cr.

5993 Directed Studies

(Student Option; Prereq instr consent, dept consent, college consent.)
 14038 001 IND, 00:00-00:00 , , In Person Term Based; 1-4 cr.

School for Field Studies (SFS)**Senegal (SNGL)****Social Work (SW)****1501 Introduction to Peace Studies**

(A-F only; GP)
 13227 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Hilal Isler ; 3 cr.

2501W Introduction to Social Justice

(A-F only; WI,DSJ)
 12514 001 LEC, 17:10-20:30 T, Ruttan Hall B35, 17:10-20:30 T, ONLINE BLENDED, 17:10-20:30 T, Ruttan Hall B35, 17:10-20:30 T, ONLINE BLENDED, Partially Online; Muneer Karcher-Ramos ; 4 cr.

3501 Theories and Practices of Social Change Organizing

(A-F only;)
 12486 001 DIS, 16:00-19:20 Th, Ruttan Hall B35, 16:00-19:20 Th, ONLINE BLENDED, Partially Online; Nate Whittaker ; 4 cr.

3701 Introduction to Child Maltreatment: Intervention and Prevention

(Student Option;)
 12184 001 LEC, 13:55-16:25 M, Hodson Hall 495, In Person Term Based; Mark Costello ; 3 cr.

3702 Introduction to Adult Intimate Partner Violence: Intervention and Prevention

(Student Option;)
 12430 001 LEC, 17:30-20:00 T, Twin Cities Remote, Completely Online; Oliver Williams ; 3 cr.

3703 Gender Violence in Global Perspective

(Student Option;)
 12078 001 LEC, 17:30-20:00 W, Peters Hall 145, In Person Term Based; Theresa Dykoschak, Deena Anders ; 3 cr.

4693 Directed Studies

(Student Option; Prereq: instr consent)
 12009 001 IND, Independent/Directed Study; 1-10 cr.

4694 Directed Research

(Student Option; Prereq: instr consent)
 12010 001 IND, Independent/Directed Study; 1-10 cr.

5051 Human Behavior and the Social Environment

(A-F or Audit;)
 12011 001 LEC, 13:55-15:50 Th, Twin Cities Remote, Completely Online; Cindy Vang ; 2 cr.
 12012 002 LEC, 13:55-15:50 Th, Twin Cities Remote, Completely Online; Mary Lennick ; 2 cr.
 12489 003 LEC, 10:00-12:00 Sa, Twin Cities Remote, Completely Online; Joan Riebel ; 2 cr.
 34849 004 LEC, 13:55-15:50 Th, Twin Cities Remote, Completely Online; Jessie Everts ; 2 cr.
 34850 005 LEC, 10:00-12:00 Sa, Twin Cities Remote, Completely Online; Rosemary Link ; 2 cr.

5101 Historical Origins and Contemporary Policies in Social Welfare

(A-F or Audit;)
 12770 001 LEC, 17:10-20:00 T, Twin Cities Remote, Completely Online; Jessica Toft ; 3 cr.
 13193 002 LEC, 17:10-20:00 W, Twin Cities Remote, Completely Online; Jessica Toft ; 3 cr.

5562 Global Social Work and Social Development

(Student Option;)
 12788 001 LEC, 08:30-11:30 F, Peters Hall 5, In Person Term Based; Ross VeLure Roholt ; 3 cr.

5903 Substance Abuse and Social Work

(Student Option; Prereq: Grad student or dept consent)
 12771 001 LEC, 17:10-20:00 Th, Twin Cities Remote, Completely Online; Julie Rohovit ; 2 cr.

5912 Grief and Loss in Social Work Practice

(Student Option;)
 12810 001 LEC, 14:30-17:30 Sa, Peters Hall 5, In Person Term Based; Stacy Remke ; 1 cr.

5991 Independent Study in Social Work

(Student Option;)
 12084 001 IND, Independent/Directed Study; 1-4 cr.
 13279 002 IND, Independent/Directed Study; 1-4 cr.

Social/Administrative Pharmacy (SAPH)**5100 Pro-Seminar**

(A-F or Audit;)
 25962 001 LEC, 14:30-15:20 Th, AHC ROOM TBA, In Person Term Based; Jon Schommer ; 1 cr.

Sociology (SOC)**1001 Introduction to Sociology**

(Student Option; Prereq: Soc Majors/Minors must register A-FDSJ,SOCs)
 13542 001 LEC, Completely Online; Hassan Abdel Salam ; 4 cr.
 13543 002 DIS, Completely Online; 4 cr.
 13544 003 DIS, Completely Online; 4 cr.
 13545 004 DIS, Completely Online; 4 cr.
 13546 005 DIS, Completely Online; 4 cr.
 13547 006 DIS, Completely Online; 4 cr.
 13548 007 DIS, Completely Online; 4 cr.
 13549 015 LEC, Completely Online; Cawo Abdi ; 4 cr.
 13550 016 DIS, Completely Online; 4 cr.
 13551 018 DIS, Completely Online; 4 cr.
 13552 019 DIS, Completely Online; 4 cr.

13553 030 LEC, Completely Online; Jane VanHeuvelen ; 4 cr.
 13554 031 DIS, Completely Online; 4 cr.
 13555 032 DIS, Completely Online; 4 cr.
 13556 033 DIS, Completely Online; 4 cr.
 14216 034 DIS, Completely Online; 4 cr.
 15313 017 DIS, Completely Online; 4 cr.
 16183 020 DIS, Completely Online; 4 cr.
 16393 021 DIS, Completely Online; 4 cr.
 16418 008 DIS, Completely Online; 4 cr.
 16767 022 DIS, Completely Online; 4 cr.
 16919 009 DIS, Completely Online; 4 cr.
 16931 023 DIS, Completely Online; 4 cr.

1011V Honors: Introduction to Sociology
(A-F only; DSJ,WI,SOCS)

14166 001 LEC, Completely Online; Jane VanHeuvelen ; 4 cr.

1101 Law, Crime, & Punishment
(A-F or Audit;)

16392 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Gabrielle Ferrales ; 3 cr.

3003 Social Problems

(A-F or Audit; Prereq: 1001 recommended; soc majors/minors must register A-F)

31555 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Miray Philips ; 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)

14522 001 LEC, 17:30-20:00 M, Twin Cities Remote, Completely Online; Meets With: 001 SOC 3101H; Michelle Phelps ; 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)

31556 001 LEC, 17:30-20:00 M, Twin Cities Remote, Completely Online; Meets With: 001 SOC 3101; Michelle Phelps ; 3 cr.

3102 Criminal Behavior and Social Control
(Student Option; Prereq: Soc majors/minors must register A-F)

14523 001 LEC, Completely Online; Michael Walker ; 3 cr.

3201 Inequality: Introduction to Stratification

(Student Option; Prereq: soc majors/minors must register A-F)

16184 001 LEC, 08:15-09:30 TTh, ONLINE BLENDED, 08:15-09:30 TTh, West Bank Skyway 20, Partially Online; Tom VanHeuvelen ; 3 cr.

3211W Race and Racism in the US

(A-F or Audit; DSJ,WI)

15548 001 LEC, Completely Online; Meets With: 001 AAS 3211W; Matthew Aguilar-Champeau ; 3 cr.

3246 Diseases, Disasters, & Other Killers
(A-F or Audit; ENV,HIS)

33564 001 LEC, Completely Online; Julie Barrows ; 3 cr.

3251W Sociological Perspectives on Race, Class, and Gender

(A-F or Audit; Prereq: Soc majors/minors must register A-FDSJ,WI,SOCS)

16629 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Meets With: 001 AAS 3251W; Enid Logan ; 3 cr.

3301W Politics and Society

(A-F or Audit; Prereq: 1001 recommended; soc majors/minors must register A-FWI)

31558 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Jeffrey Broadbent ; 3 cr.

3322W Social Movements, Protests, and Change

(A-F or Audit; Prereq: 1001 recommended; soc majors/minors must register A-FCIV,WI)

33876 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Ethan Johnson ; 3 cr.

3411W Organizations and Society

(A-F or Audit; Prereq: 1001 recommended; soc majors/minors must register A-FWI)

17192 001 LEC, 13:00-14:15 TTh, Anderson Hall 370, In Person Term Based; Tom VanHeuvelen ; 3 cr.

3412 Social Networking: Theories and Methods

(A-F only; Prereq: [SOC 1001] recommended, Sociology majors/minors must register A-FTS)

31559 001 LEC, Completely Online; Amber Hamilton ; 3 cr.

3501 Sociology of Families

(Student Option; Prereq: 1001 recommended; soc majors/minors must register A-FDSJ,SOCS)

31560 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Kathleen Hull ; 3 cr.

3613W Stuffed and Starved: The Politics of Eating

(A-F or Audit; Prereq: Soc majors/minors must register A-FGP,WI,SOCS)

33100 001 LEC, Completely Online; Edgar Campos ; 3 cr.

3681 Gender and the Family in the Islamic World

(A-F only; Prereq: At least soph; 1001 recommended)

31561 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 GLOS 3681001 GWSS 3681001 RELS 3716; Cawo Abdi ; 3 cr.

3701 Social Theory

(A-F or Audit; Prereq: 1001 recommended; soc majors/minors must register A-F)

13561 002 LEC, 12:20-14:00 MW, Twin Cities Remote, Completely Online; Joachim Savelsberg ; 4 cr.

16396 001 LEC, 09:05-11:00 MW, Twin Cities Remote, Completely Online; Teresa Gowan ; 4 cr.

17191 003 LEC, 17:30-20:20 W, Twin Cities Remote, Completely Online; Alejandro Baer ; 4 cr.

18225 301 LEC, Completely Online; Snigdha Kumar ; 4 cr.

3801 Sociological Research Methods

(A-F or Audit; Prereq: 1001 recommended; soc majors must register A-F)

13559 001 LEC, Completely Online; Carolyn Liebler ; 4 cr.

13560 002 LAB, Completely Online; 4 cr.

14484 003 LAB, Completely Online; 4 cr.

14562 010 LAB, Completely Online; 4 cr.

15314 009 LEC, Completely Online; Carolyn Liebler ; 4 cr.

15756 004 LAB, Completely Online; 4 cr.

16185 011 LAB, Completely Online; 4 cr.

16397 005 LAB, Completely Online; 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)

13492 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 SOC 5811; John Warren ; 4 cr.

13493 002 LAB, 12:20-13:50 T, Twin Cities Remote, Completely Online; 4 cr.

13494 003 LAB, 14:30-16:00 T, Twin Cities Remote, Completely Online; 4 cr.

13495 004 LAB, 08:00-09:30 W, Twin Cities Remote, Completely Online; 4 cr.

13496 005 LAB, 10:10-11:40 W, Twin Cities Remote, Completely Online; 4 cr.

13497 006 LAB, 12:20-13:50 W, Twin Cities Remote, Completely Online; 4 cr.

16773 007 LAB, 14:30-16:00 W, Twin Cities Remote, Completely Online; 4 cr.

17001 008 LAB, 16:15-17:45 W, Twin Cities Remote, Completely Online; 4 cr.

18194 009 LAB, 08:00-09:30 Th, Twin Cities Remote, Completely Online; Meets With: 002 SOC 5811; 4 cr.

4101V Honors: Sociology of Law

(A-F only; Prereq: honors student, [[SOC 1001] and [SOC 1101 or 3101 or 3102]] recommended, Sociology majors/minors must register A-FWI)

16195 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; 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)

15332 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 SOC 4101V; Gabrielle Ferrales ; 3 cr.

4106 Crime on TV

(Student Option; Prereq: recommended [1001 or 1001V, 1101 or 3101 or 3102]; Soph or above or instr consent; soc majors/minors must register A-F.)

31626 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Joshua Page ; 3 cr.

4111 Deviant Behavior

(A-F or Audit; Prereq: 3101 or 3102 or instr consent; soc majors/minors must register A-F)

17693 001 LEC, Completely Online; Michael Walker ; 3 cr.

4125 Policing America

(A-F or Audit; Prereq: 3101 or 3102 recommended or instr consent, soc majors/minors must register A-F)

31629 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Erez Garnai ; 3 cr.

4141 Juvenile Delinquency

(A-F or Audit; Prereq: [SOC 3101 or 3102 or instr consent], Sociology majors/minors must register A-F)

17694 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 SOC 4141H; Christopher Uggen ; 3 cr.

4141H Honors: Juvenile Delinquency

(A-F only; Prereq: honors student, [SOC 3101 or 3102 or instr consent], Sociology majors/minors must register A-F)

17695 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Meets With: 001 SOC 4141; Christopher Uggen ; 3 cr.

4149 Sociology of Killing

(A-F or Audit; Prereq: jr, or sr, or grad student, or instr consent; soc majors/minors must register A-F)

17696 001 LEC, Completely Online; Julie Barrows ; 3 cr.

4161 Criminal Law in American Society

(Student Option; Prereq: 3101 or 3102 or 3111 or instr consent; soc majors/minors must register A-F)

16630 001 LEC, 14:30-17:00 W, Twin Cities Remote, Completely Online; Joel Samaha ; 3 cr.

4171 Sociology of International Law:

Human Rights & Trafficking

(A-F or Audit; Prereqs: 1001 or 3101 or 3102 or instr consent; soc majors/minors must register A-FGP)

33112 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 SOC 5171; Elizabeth Heger Boyle ; 3 cr.

4246 Sociology of Health and Illness

(A-F or Audit; Prereq: One sociology course recommended; soph or above; soc majors/minors must register A-F)

31640 001 LEC, Completely Online; Evan Roberts ; 3 cr.

4551 Sociology of Sexualities

(A-F or Audit; Prereq: Sociology majors/minors must register A-FDSJ,SOCS)

17699 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 SOC 4551H; Kathleen Hull ; 3 cr.

4551H Honors: Sociology of Sexualities

(A-F only; Prereq: HonorsDSJ,SOCS)

17700 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Meets With: 001 SOC 4551; Kathleen Hull ; 3 cr.

4881 Population Studies Research Practicum

(A-F or Audit;)

31641 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Evan Roberts ; 3 cr.

4966W Capstone Experience: Seminar

(A-F only; Prereq: 1001, 3701, 3801, 3811, 12 cr upper div sociology, dept consentWI)

13786 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Douglas Hartmann ; 3 cr.

4977V Senior Honors Proseminar I

(A-F or Audit; Prereq: 3701, 3801, 3811, 9 additional upper div sociology cr, sr soc honors major, dept consentWI)

13808 001 LEC, 14:30-17:00 W, Twin Cities Remote, Completely Online; Yanjie Bian ; 3 cr.

5090 Topics in Sociology

(Student Option; Prereq: Undergrad soc majors/minors must register A-F)

35311 001 LEC, Completely Online; Meets With: 001 SOC 8540; Teresa Swartz ; 1-3 cr.

5171 Sociology of International Law: Human Rights & Trafficking

(A-F or Audit; Prereqs: Graduate student or instructor consent GP)

33113 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 SOC 4171; Elizabeth Heger Boyle ; 3 cr.

5811 Social Statistics for Graduate Students

(Student Option; Prereq: Credit will not be granted if credit has been received for Soc 3811 (Soc 5811 offered Fall terms only). Undergraduates with a strong math background are encouraged to register for 5811 in lieu of 3811. Soc majors must register A-F. 5811 is a good social statistics foundation course for MA students from other programs.MATH)

13498 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 SOC 3811; John Warren ; 4 cr.

13499 002 LAB, 08:00-09:30 Th, Twin Cities Remote, Completely Online; Meets With: 009 SOC 3811; 4 cr.

Software Engineering (SENG)**5707 The Principles of Database Systems**

(A-F or Audit; Prereq: Grad SEng major)

21445 001 LEC, 08:00-11:15 F, ONLINE BLENDED, 08:00-11:15 F, Keller Hall 3-111, Partially Online; Allan Tokuda ; 3 cr.

5801 Software Engineering I: Overview, Requirements, and Modeling

(A-F or Audit; Prereq: Grad SEng major)

21446 001 LEC, 12:15-15:30 F, ONLINE BLENDED, 12:15-15:30 F, Keller Hall 3-111, Partially Online; Mats Heimdahl ; 3 cr.

5851 Software Project Management

(A-F or Audit; Prereq: Grad SEng major)

21494 001 LEC, 08:15-11:15 Sa, ONLINE BLENDED, 08:00-11:15 Sa, Keller Hall 3-111, Partially Online; Praveen Mittal ; 3 cr.

5861 Introduction to Software Architecture

(A-F or Audit; Prereq: 2nd year, MSSE grad student)

21542 001 LEC, 12:15-15:30 Sa, ONLINE BLENDED, 12:15-15:30 Sa, Keller Hall 3-111, Partially Online; Nathaniel Schutta ; 3 cr.

5899 Software Engineering Seminar

(Student Option; Prereq: Grad SEng major, instr consent)

31320 001 LEC, 08:00-15:45 Sa, Twin Cities Remote, Completely Online; Kevin Wendt ; 1 cr.

5900 Directed Study

(Student Option;)

21541 001 LEC, 00:00-00:00 , , In Person Term Based; Kevin Wendt ; 1-3 cr.

Soil, Water, and Climate (SOIL)**2125 Basic Soil Science**

(A-F or Audit; Prereq: [CHEM 1015, CHEM 1017] or CHEM 1021 or equiv ENV, PHYS)

18304 001 LEC, Primarily Online; Jay Bell ; 4 cr.

18305 002 LAB, 00:00-00:00 , , Primarily Online; Jay Bell ; 4 cr.

18586 003 DIS, 09:35-10:25 Th, Borlaug Hall 243A, Primarily Online; Jay Bell ; 4 cr.

18587 004 DIS, 10:40-11:30 Th, Borlaug Hall 243A, Primarily Online; Jay Bell ; 4 cr.

18588 005 DIS, 11:45-12:35 Th, Borlaug Hall 243A, Primarily Online; Jay Bell ; 4 cr.

18589 006 DIS, 12:50-13:40 Th, Borlaug Hall 243A, Primarily Online; Jay Bell ; 4 cr.

18763 007 LEC, Primarily Online; Jay Bell ; 4 cr.

18764 008 DIS, 18:20-21:00 W, Borlaug Hall 243A, Primarily Online; Jay Bell ; 4 cr.

18765 009 LAB, 00:00-00:00 , , Primarily Online; Jay Bell ; 4 cr.

2601 The Social Life of Soil

(Student Option; ENV)

34614 001 LEC, Completely Online; Grace Wilson ; 3 cr.

3521 Soil Judging

(A-F or Audit; Prereq: An introductory soils course and field studies course.)

18337 001 FWK, 00:00-00:00 , , In Person Term Based; Nicolas Jelinski ; 1 cr.

3993 Directed Study

(Student Option; Prereq: Department consent, instructor consent, no more than 6 credits of directed research counts towards CFANS major requirements)

34436 001 IND, In Person Term Based; Nicolas Jelinski ; 1-4 cr.

5125 Soil Science for Teachers and

Professionals

(Student Option;)

35656 003 DIS, Primarily Online; Jay Bell ; 4 cr.

35657 001 LEC, Primarily Online; Jay Bell ; 4 cr.

35658 002 LAB, Primarily Online; Jay Bell ; 4 cr.

5232 Vadose Zone Hydrology

(Student Option; Prereq: [Math 1271 or equiv], [Phys 1042 or equiv])

34989 002 LEC, 09:35-10:25 MW, Borlaug Hall 375,

Primarily Online; D Mulla ; 3 cr.

35001 003 LAB, 09:35-10:25 T, Borlaug Hall 375, Primarily Online; D Mulla ; 3 cr.

5555 Wetland Soils

(A-F or Audit; Prereq: SOIL 1125 or 2125 or equiv or instr consent; concurrent registration is required (or allowed) in SOIL 4511 recommended)

18336 002 FWK, 15:00-18:00 Th, No Room Required, Partially Online; Meets With: 002 ESPM 5555; Jay Bell ; 3 cr.

18498 001 LEC, 15:00-15:50 M, McNeal Hall 33, Partially Online; Meets With: 001 ESPM 5555; Jay Bell ; 3 cr.

5993 Directed Study

(Student Option; Prereq: department consent, instructor consent, no more than 6 credits of directed study counts towards CFANS major requirements.)

34518 001 IND, In Person Term Based; Nicolas Jelinski ; 1-4 cr.

Somali (SMLI)**1221 Beginning Somali**

(A-F or Audit;)

15399 001 LEC, 17:30-20:00 MW, Twin Cities Remote, Completely Online; Said Ahmed ; 5 cr.

1225 Accelerated Beginning Somali I

(A-F only; Prereq: Ability in basic spoken Somali)

15407 001 LEC, 17:30-20:00 TTh, Twin Cities Remote, Completely Online; Said Ahmed ; 5 cr.

35455 002 LEC, 14:00-16:30 TTh, Twin Cities Remote, Completely Online; Said Ahmed ; 5 cr.

3227 Intermediate Somali I

(A-F only; Prereq: instr consent)

15765 001 LEC, 14:00-16:30 MW, Twin Cities Remote, Completely Online; Meets With: 001 SMLI 4227; Said Ahmed ; 5 cr.

4227 Intermediate Somali for Graduate

Research I

(A-F only;)

15764 001 LEC, 14:00-16:30 MW, Twin Cities Remote, Completely Online; Meets With: 001 SMLI 3227; Said Ahmed ; 5 cr.

Spanish (SPAN)**1001 Beginning Spanish**

(Student Option No Audit; Prereq: Less than 2 yrs of high school Spanish and dept consent)

14064 002 DIS, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Meets With: 002 SPAN 4001; Cecily Brown ; 5 cr.

14065 004 DIS, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Meets With: 004 SPAN 4001; Cecily Brown ; 5 cr.

16391 005 DIS, 15:35-17:30 MW, Twin Cities Remote, Completely Online; Meets With: 005 SPAN 4001; Cecily Brown ; 5 cr.

1003 Intermediate Spanish

(Student Option; Prereq: [1002 or 1022] or EPT placement)

13974 003 LEC, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 003 SPAN 4003; Mary Pogatshnik ; 5 cr.

13975 004 LEC, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; 5 cr.

13977 006 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; Mary Pogatshnik ; 5 cr.

13978 007 LEC, 10:10-11:00 MTWTh, Twin Cities Remote, Completely Online; Yoko Hama ; 5 cr.

13979 008 LEC, 10:10-11:00 MTWTh, Twin Cities Remote, Completely Online; Kristin Beamish-Brown ; 5 cr.

13980 009 LEC, 11:15-12:05 MTWTh, Twin Cities Remote, Completely Online; Kristin Beamish-Brown ; 5 cr.

13981 010 LEC, 11:15-12:05 MTWTh, Twin Cities Remote, Completely Online; 5 cr.

13982 011 LEC, 11:15-12:05 MTWTh, Twin Cities Remote, Completely Online; Juan Luis Gonzalez Diaz ; 5 cr.

13983 012 LEC, 12:20-13:10 MTWTh, Twin Cities Remote, Completely Online; Meets With: 012 SPAN 4003; Kristin Beamish-Brown ; 5 cr.

13984 013 LEC, 12:20-13:10 MTWTh, Twin Cities Remote, Completely Online; Sara Finney ; 5 cr.

14292 001 LEC, 08:00-08:50 MTWTh, Twin Cities Remote, Completely Online; Mary Pogatshnik ; 5 cr.

14293 015 LEC, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Sara Finney ; 5 cr.

14474 018 LEC, 14:30-15:20 MTWTh, Twin Cities Remote, Completely Online; Andrew Wiesinger ; 5 cr.

15281 016 LEC, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Andrew Wiesinger ; 5 cr.

15282 017 LEC, 14:30-15:20 MTWTh, Twin Cities Remote, Completely Online; Olga Salazar Pozos ; 5 cr.

15327 002 LEC, 08:00-08:50 MTWTh, Twin Cities Remote, Completely Online; Eva Palma Zuniga ; 5 cr.

15941 020 LEC, 16:40-17:30 MTWTh, Twin Cities Remote, Completely Online; Andrew Wiesinger ; 5 cr.

16320 014 LEC, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Leiry Cipamocha Moncaleano ; 5 cr.

16949 021 LEC, 18:00-19:55 MW, Twin Cities Remote, Completely Online; Meets With: 021 SPAN 4003; James Ramsburg ; 5 cr.

34929 022 LEC, 16:00-17:55 TTh, Twin Cities Remote, Completely Online; 5 cr.

1004 Intermediate Spanish

(Student Option; Prereq: 1003 or EPT placement)

13985 002 LEC, 08:00-08:50 MTWTh, Twin Cities Remote, Completely Online; Adriana Sanchez-Vargas ; 5 cr.

13986 003 LEC, 09:05-09:55 MTWTh, Twin Cities Remote, Completely Online; Meets With: 003 SPAN 4004; Celeste Morales ; 5 cr.

13987 004 LEC, 09:05-09:55 MTWTh, Twin Cities Remote, Completely Online; Adriana Sanchez-Vargas ; 5 cr.

13988 005 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Sara Mack ; 5 cr.

13989 006 LEC, 10:10-11:00 MTWTh, Twin Cities Remote, Completely Online; Adriana Sanchez-Vargas ; 5 cr.

13990 007 LEC, 10:10-11:00 MTWTh, Twin Cities Remote, Completely Online; Elizabeth Lake ; 5 cr.

13992 009 LEC, 11:15-12:05 MTWTh, Twin Cities Remote, Completely Online; Vanessa Santana ; 5 cr.

13993 010 LEC, 11:15-12:05 MTWTh, Twin Cities Remote, Completely Online; Edward Eiffler ; 5 cr.

14147 011 LEC, 12:20-13:10 MTWTh, Twin Cities Remote, Completely Online; Meets With: 011 SPAN 4004; Elizabeth Lake ; 5 cr.

14148 012 LEC, 12:20-13:10 MTWTh, Twin Cities Remote, Completely Online; Edward Eiffler ; 5 cr.

14270 015 LEC, 14:30-15:20 MTWTh, Twin Cities Remote, Completely Online; Vanessa Santana ; 5 cr.

14271 017 LEC, 15:35-16:25 MTWTh, Twin Cities Remote, Completely Online; Vanessa Santana ; 5 cr.

14790 001 LEC, 08:00-09:55 TTh, Twin Cities Remote, Completely Online; Sara Mack ; 5 cr.

15328 014 LEC, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Edward Eiffler ; 5 cr.

16134 013 LEC, 13:25-14:15 MTWTh, Twin Cities Remote, Completely Online; Sabrina Fluegel ; 5 cr.

16319 016 LEC, 14:30-15:20 MTWTh, Twin Cities Remote, Completely Online; 5 cr.

16950 018 LEC, 18:00-19:55 TTh, Twin Cities Remote, Completely Online; Meets With: 018 SPAN 4004; James Ramsburg ; 5 cr.

34183 019 LEC, 16:00-17:55 TTh, Twin Cities Remote, Completely Online; 5 cr.

14097 008 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; Cristina Castro ; 5 cr.
 14098 009 LEC, 11:15-12:05 MTWThF, Twin Cities Remote, Completely Online; 5 cr.
 14099 010 LEC, 12:20-13:10 MTWThF, Twin Cities Remote, Completely Online; Marisol Galicia Estevez ; 5 cr.
 14100 011 LEC, 12:20-13:10 MTWThF, Twin Cities Remote, Completely Online; Meets With: 011 SPAN 4022; Ariel Arjona Hernandez ; 5 cr.
 14101 012 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Marie Mangold ; 5 cr.
 14102 013 LEC, 13:25-14:15 MTWThF, Twin Cities Remote, Completely Online; Marisol Galicia Estevez ; 5 cr.
 14103 014 LEC, 14:30-15:20 MTWThF, Twin Cities Remote, Completely Online; 5 cr.
 16645 015 LEC, 15:35-16:25 MTWThF, Twin Cities Remote, Completely Online; Camille Braun ; 5 cr.
 18221 017 LEC, 10:10-11:00 MTWThF, Twin Cities Remote, Completely Online; 5 cr.

1044 Intermediate Medical Spanish

(Student Option; Prereq: 1003 or equiv)
 16198 001 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Gustavo Vargas ; 5 cr.

3011W Spanish Grammar and Composition Workshop

(Student Option; Prereq: [1004 or 1014 or 1044], LPE passWI)
 14078 001 LEC, 10:10-12:05 MW, Twin Cities Remote, Completely Online; Marisol Galicia Estevez ; 4 cr.

3015W Spanish Composition and Communication

(Student Option; Prereq: SPAN LPE passWI)
 14072 001 LEC, 08:00-09:55 MW, Twin Cities Remote, Completely Online; Begona Orive-Abad ; 4 cr.
 14073 002 LEC, 10:10-12:05 MW, Twin Cities Remote, Completely Online; Alicia Ocampo ; 4 cr.
 14074 003 LEC, 10:10-12:05 MW, Twin Cities Remote, Completely Online; Vivian Hirlandy Franco Diaz ; 4 cr.
 14075 004 LEC, 12:20-14:15 MW, Twin Cities Remote, Completely Online; Begona Orive-Abad ; 4 cr.
 14076 005 LEC, 12:20-14:15 MW, Twin Cities Remote, Completely Online; Stephanie Anderson ; 4 cr.
 14077 006 LEC, 14:30-16:25 MW, Twin Cities Remote, Completely Online; Michael Arnold ; 4 cr.
 14192 008 LEC, 08:00-09:55 TTh, Twin Cities Remote, Completely Online; Anne Hoffman-Gonzalez ; 4 cr.
 14649 009 LEC, 10:10-12:05 TTh, Twin Cities Remote, Completely Online; Begona Orive-Abad ; 4 cr.
 14702 010 LEC, 12:20-14:15 TTh, Twin Cities Remote, Completely Online; 4 cr.
 15368 011 LEC, 14:30-16:25 TTh, Twin Cities Remote, Completely Online; Michael Arnold ; 4 cr.
 16043 012 LEC, 14:30-16:25 TTh, Twin Cities Remote, Completely Online; Alicia Ocampo ; 4 cr.
 18215 014 LEC, 12:20-14:15 TTh, Twin Cities Remote, Completely Online; Stephanie Anderson ; 4 cr.

3044 Advanced Medical Spanish

(Student Option; Prereq: a grade of C- or better in SPAN 3015W or 3015V)
 17755 001 LEC, 12:20-14:15 TTh, Twin Cities Remote, Completely Online; Gustavo Vargas ; 4 cr.
 35505 002 LEC, 12:20-14:15 TTh, Twin Cities Remote, Completely Online; Magaly Ortiz ; 4 cr.

3104W Introduction to the Study of

Hispanic Literatures
(Student Option; Prereq: a grade of C- or better in SPAN 3015W or 3015V or 3019WLT(R,WI))
 13773 001 LEC, 08:15-09:30 MW, Twin Cities Remote, Completely Online; Carolina Anon Suarez ; 3 cr.
 13774 003 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Alexander Korte ; 3 cr.
 15244 004 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Catalina Ahumada Escobar ; 3 cr.
 15445 005 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Guillermo Fajardo Sotelo ; 3 cr.

3105V Honors: Introduction to the Study of

Hispanic Cultures
(A-F only; WI)
 17806 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Meets With: 006 SPAN 3105W; Erma Nezirevic ; 3 cr.

3105W Introduction to the Study of

Hispanic Cultures
(Student Option; Prereq: a grade of C- or better in SPAN 3015W or 3015V or 3019WWT)
 13884 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Eva Palma Zuniga ; 3 cr.

13885 002 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Osiris Gomez ; 3 cr.
 13886 003 LEC, 16:00-17:15 MW, Twin Cities Remote, Completely Online; Eva Palma Zuniga ; 3 cr.
 14640 004 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Erma Nezirevic ; 3 cr.
 15058 005 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Erma Nezirevic ; 3 cr.
 16952 006 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Meets With: 001 SPAN 3105V; Erma Nezirevic ; 3 cr.

3107W Introduction to the Study of Hispanic Linguistics

(Student Option; Prereq: a grade of C- or better in SPAN 3015W or 3015V or 3019WWT)
 13775 001 LEC, 08:15-09:30 MW, Twin Cities Remote, Completely Online; Anne Hoffman-Gonzalez ; 3 cr.
 13776 002 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Anne Hoffman-Gonzalez ; 3 cr.
 13777 003 LEC, 14:30-15:45 MW, Rapson Hall 43, In Person Term Based; Lauren Truman ; 3 cr.
 17763 005 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Alicia Ocampo ; 3 cr.

3211 Interpreting Imperial Spain, 1492-1800

(Student Option; Prereq: A C- or better in SPAN 3104W or SPAN 3104V or TLDO 3104W or ARGN 3104W or SPAN 3105W or TLDO 3105W or SPAN 3105V)
 13832 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Javier Zapata Claveria ; 3 cr.

3221 Interpreting Colonial Latin America:

Empire and Early Modernity
(Student Option; Prereq: A C- or better in SPAN 3104W or SPAN 3104V or TLDO 3104W or ARGN 3104W or SPAN 3105W or TLDO 3105W or SPAN 3105V)
 15843 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Raul Marrero-Fente ; 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)

13809 001 LEC, 12:20-14:50 M, Twin Cities Remote, Completely Online; Kathleen Ganley ; 3 cr.
 13810 002 LEC, 13:25-15:55 T, Twin Cities Remote, Completely Online; Kathleen Ganley ; 3 cr.
 16035 003 LEC, 14:30-17:00 W, Twin Cities Remote, Completely Online; Kathleen Ganley ; 3 cr.

3502 Modern Spain

(Student Option; Prereq: A Grade of C- or better in SPAN 3104W or TLDO 3104W or ARGN 3104W or SPAN 3105W or TLDO 3105W)
 33247 001 LEC, 13:00-14:15 MW, Twin Cities Remote, Completely Online; Collin Diver ; 3 cr.

3503 Pre-modern Spanish Culture and

Thought
(Student Option; Prereq: A Grade of C- or better in SPAN 3104W or SPAN 3104V or TLDO 3104W or ARGN 3104W or SPAN 3105W or TLDO 3105W or SPAN 3105V HIS)
 17323 001 LEC, 09:45-11:00 MW, Bruininks Hall 432, In Person Term Based; Michelle Hamilton ; 3 cr.

3510 Issues in Hispanic Cultures

(Student Option; Prereq: A grade of C- or better in 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)
 33859 001 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Raul Marrero-Fente ; 3 cr.
 34121 002 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Osiris Gomez ; 3 cr.

3512 Modern Latin America

(Student Option; Prereq: A C- or better in SPAN 3104W or SPAN 3104V or TLDO 3104W or ARGN 3104W or SPAN 3105W or TLDO 3105W or SPAN 3105V)
 13852 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Luis Ramos-Garcia ; 3 cr.
 17764 002 LEC, 16:00-17:15 TTh, Nicholson Hall 35, In Person Term Based; Jaime Hanneken ; 3 cr.

3703 Origins and History of Spanish and

Portuguese
(Student Option; Prereq: A Grade of C- or better in Span 3107W or TLDO 3107W)

14651 001 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Francisco Ocampo ; 3 cr.

3704 Sociolinguistics of the Spanish-Speaking World

(Student Option; Prereq: A C- or better in Span 3107W or TLDO 3107W)

16350 001 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Carol Klee ; 3 cr.

3730 Topics in Hispanic Linguistics

(A-F only; Prereq: SPAN 3107W or TLDO 3107W or VENZ 3107 or instr consent)
 34143 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Mandy Menke ; 3 cr.

3807 Medical Humanities and Latin

American Film: Narratives of Health, Illness & Trauma
(Student Option; Prereq: SPAN 3104W or SPAN 3104V or TLDO 3104W or ARGN 3104W or SPAN 3105W or TLDO 3105W or SPAN 3105V or instr consent AH)
 33656 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Ana Forcinito ; 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)
 34218 001 LEC, 14:30-15:45 TTh, Tate Hall B20, In Person Term Based; Jaime Hanneken ; 3 cr.

4003 Intermediate Spanish for Graduate

Student Research
(Student Option No Audit; Prereq: A Grade of C- or better in SPAN 1002 or SPAN 4002 or SPAN 1022 or SPAN 4022 or EPT placement of SPAN 1003)
 15874 003 DIS, 09:05-09:55 MTWTh, Twin Cities Remote, Completely Online; Meets With: 003 SPAN 1003; Mary Pogatschnik ; 5 cr.
 17292 021 DIS, 18:00-19:55 MW, Twin Cities Remote, Completely Online; Meets With: 021 SPAN 1003; James Ramsburg ; 5 cr.

4004 Intermediate Spanish for Graduate

Student Research
(Student Option;)
 14942 003 DIS, 09:05-09:55 MTWTh, Twin Cities Remote, Completely Online; Meets With: 003 SPAN 1004; Celeste Morales ; 5 cr.
 17295 018 DIS, 18:00-19:55 TTh, Twin Cities Remote, Completely Online; Meets With: 018 SPAN 1004; James Ramsburg ; 5 cr.

4022 Alternate Second-Semester Spanish for Graduate Student Research

(Student Option;)
 15060 004 DIS, 09:05-09:55 MTWThF, Twin Cities Remote, Completely Online; Meets With: 004 SPAN 1022; Elizabeth Lake ; 5 cr.
 16115 011 DIS, 12:20-13:10 MTWThF, Twin Cities Remote, Completely Online; Meets With: 011 SPAN 1022; Ariel Arjona Hernandez ; 5 cr.
 16116 016 DIS, In Person Term Based; Meets With: 016 SPAN 1022; 5 cr.

5590 The Impact of Globalization in Latin

American Discourses
(Student Option;)
 33443 001 LEC, 14:30-17:30 W, Twin Cities Remote, Completely Online; Luis Ramos-Garcia ; 3 cr.

5930 Topics in Ibero-Romance Linguistics

(Student Option;)
 33445 001 LEC, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Francisco Ocampo ; 3 cr.

5970 Directed Readings

(Student Option; Prereq Grad student or instr consent.)
 14230 001 IND, 00:00-00:00 , In Person Term Based; Raul Marrero-Fente ; 1-4 cr.
 14628 002 IND, 00:00-00:00 , In Person Term Based; Ofelia Ferran ; 1-4 cr.

5985 Sociolinguistic Perspectives on

Spanish in the United States
(Student Option; Prereq: Grad student or instr consent)
 33446 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Carol Klee ; 3 cr.

Spanish and Portuguese (SPPT)

3601 'Race' in Brazil & Latin America

(Student Option;)
33451 001 LEC, 16:00-17:15 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 SPPT 5930; Ana
Paula Ferreira ; 3 cr.

5930 Selected Topics in Hispanic and Lusophone Cultural Discourse

(A-F or Audit; Prereq: Reading knowledge of Spanish and Portuguese)
33916 001 LEC, 16:00-17:15 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 SPPT 3601; Ana
Paula Ferreira ; 1-3 cr.

5995 Directed Teaching

(S-N only; Prereq: Grad student with concurrent enrollment in 5999)
16292 001 LEC, 13:15-14:25 W, Twin Cities Remote,
Completely Online; Mandy Menke ; 1 cr.

5999 The Teaching of College-Level

Spanish: Theory and Practice
(Student Option; Prereq: Grad or instr consent)
13764 001 LEC, 14:30-17:00 M, Twin Cities Remote,
Completely Online; Meets With: 001 GSD 5103001 FRIT
5999; Kate Paesani ; 3 cr.

Speech-Language-Hearing Sci (SLHS)**1301V The Physics and Biology of Spoken Language Honors**

(A-F or Audit; PHYS,WI)
16181 001 LEC, 15:30-16:45 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 SLHS 1301V;
Matthew Winn ; 4 cr.
16182 002 LAB, 10:15-11:45 M, Twin Cities Remote,
Completely Online; Meets With: 002 SLHS 1301V; 4 cr.

1301W The Physics and Biology of Spoken Language

(Student Option; PHYS,WI)
13468 001 LEC, 15:30-16:45 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 SLHS 1301V; Matthew
Winn ; 4 cr.
13469 002 LAB, 10:15-11:45 M, Twin Cities Remote,
Completely Online; Meets With: 002 SLHS 1301V; 4 cr.
13470 003 LAB, 08:00-09:30 T, Twin Cities Remote,
Completely Online; 4 cr.
13471 004 LAB, 11:15-12:45 W, Twin Cities Remote,
Completely Online; 4 cr.
13472 005 LAB, 10:15-11:45 F, Twin Cities Remote,
Completely Online; 4 cr.

1302 Rate Your World: Quantifying Judgments of Human Behavior

(Student Option; MATH)
14826 001 LEC, Completely Online; Yang Zhang ; 3 cr.
15043 003 DIS, Completely Online; 3 cr.
15044 002 DIS, Completely Online; 3 cr.

1401 Communication Differences and Disorders

(Student Option; SOCS)
13473 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 SLHS 3401; Katlyn
McGrattan ; 3 cr.

1912 Music, Language and the Brain

(A-F only;)
34398 001 DIS, 13:00-14:15 MW, Twin Cities Remote,
Completely Online; Yang Zhang ; 3 cr.

3302 Anatomy and Physiology of the Speech and Hearing Mechanisms

(Student Option;)
13474 001 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Peter Watson ; 3 cr.

3305W Speech Science

(Student Option; WI)
15352 001 LEC, 11:15-12:30 TTh, Twin Cities Remote,
Completely Online; Peter Watson ; 3 cr.

3401 Communication Differences and Disorders

(Student Option; SOCS)
15045 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 SLHS 1401; Katlyn
McGrattan ; 3 cr.

3555H Honors Thesis

(A-F or Audit; Prereq: See dir of undergrad studies for [thesis adviser, forms])
14784 001 IND, 00:00-00:00 , , In Person Term Based; Sarah
Angerman ; 1-2 cr.
14807 012 IND, 00:00-00:00 , , In Person Term Based;
Robert Schlauch ; 1-2 cr.
14894 003 IND, 00:00-00:00 , , In Person Term Based;
Evelyn Davies-Venn ; 1-2 cr.
14895 004 IND, 00:00-00:00 , , In Person Term Based;
Lizbeth Finestack ; 1-2 cr.
14897 007 IND, 00:00-00:00 , , In Person Term Based;
Benjamin Munson ; 1-2 cr.
14898 008 IND, 00:00-00:00 , , In Person Term Based;
Peggy Nelson ; 1-2 cr.
14900 011 IND, 00:00-00:00 , , In Person Term Based;
Jayanthi Sasisekaran ; 1-2 cr.
15233 013 IND, 00:00-00:00 , , In Person Term Based; Peter
Watson ; 1-2 cr.
15234 014 IND, 00:00-00:00 , , In Person Term Based; Yang
Zhang ; 1-2 cr.

3994 Directed Research

(Student Option; Prereq: Undergrad doing research)
14912 001 IND, 00:00-00:00 , , In Person Term Based; Sarah
Angerman ; 1-12 cr.
14913 002 IND, 00:00-00:00 , , In Person Term Based;
Matthew Winn ; 1-12 cr.
14914 003 IND, 00:00-00:00 , , In Person Term Based;
Katlyn McGrattan ; 1-12 cr.
14915 004 IND, 00:00-00:00 , , In Person Term Based;
Lizbeth Finestack ; 1-12 cr.
15235 007 IND, 00:00-00:00 , , In Person Term Based;
Benjamin Munson ; 1-12 cr.
15236 008 IND, 00:00-00:00 , , In Person Term Based;
Peggy Nelson ; 1-12 cr.
15237 011 IND, 00:00-00:00 , , In Person Term Based;
Jayanthi Sasisekaran ; 1-12 cr.
15238 012 IND, 00:00-00:00 , , In Person Term Based;
Robert Schlauch ; 1-12 cr.
15239 013 IND, 00:00-00:00 , , In Person Term Based; Peter
Watson ; 1-12 cr.
15495 015 IND, 00:00-00:00 , , In Person Term Based; Yang
Zhang ; 1-12 cr.
16762 016 IND, In Person Term Based; Evelyn Davies-Venn ;
1-12 cr.

4301 Introduction to the Neuroscience of Human Communication

(Student Option;)
14656 001 LEC, 13:00-14:15 TTh, Twin Cities Remote,
Completely Online; Natalie Covington ; 3 cr.

4402 Assessment and Treatment in

Speech-Language Pathology
(A-F or Audit; Prereq: [1401 OR 3401, 3302, 3303, 3304,
4301 (either before registration for 4402 or concurrent
registration is required (or allowed) in 4402], or grad
student, or instr consent)
14635 001 LEC, 14:30-15:45 TTh, Twin Cities Remote,
Completely Online; Kerry Ebert ; 3 cr.

4801 Hearing Measurement and Disorders

(Student Option; Prereq: [3302, 3305W] or instr
consent)
16928 001 LEC, 12:00-13:15 MW, Twin Cities Remote,
Completely Online; Evelyn Davies-Venn ; 3 cr.

5401 Counseling and Professional Issues

(Student Option; Prereq: [concurrent registration is
required (or allowed) in 8720 or concurrent registration
is required (or allowed) in 8820], grad student]
recommended)
13475 001 LEC, 16:30-19:10 T, Twin Cities Remote,
Completely Online; Rebecca Lulaj, Sarah Angerman ; 3 cr.

5503 Fluency and Motor Speech Disorders

(Student Option; Prereq: graduate SLHS student or
department permission, [3305, 4301] or instr consent)
16065 001 LEC, 17:15-19:45 Th, Twin Cities Remote,
Completely Online; Jayanthi Sasisekaran ; 3 cr.

5504 Evaluation and Management of

Dysphagia
(Student Option;)
16067 001 LEC, 13:30-16:00 W, Twin Cities Remote,
Completely Online; Katlyn McGrattan ; 3 cr.

5602 Speech Sound Disorders: Assessment and Treatment across Languages
(Student Option; Prereq: [3303, 3304, 4601] or instr
consent)

16066 001 LEC, 09:00-11:30 W, Twin Cities Remote,
Completely Online; Kerry Ebert ; 3 cr.

5603 Assessment and Intervention of Language Disorders in Children

(Student Option; Prereq: 3303 or CDIs 3303 or equiv or
grad student or instr consent)
15330 001 LEC, 17:00-19:30 M, Twin Cities Remote,
Completely Online; Tara Cassidy ; 3 cr.

5801 Advanced Audiologic Assessment

(Student Option; Prereq: 4801 or CDIs 4801 or instr
consent)
13476 001 LEC, 09:00-11:30 T, Twin Cities Remote,
Completely Online; Robert Schlauch ; 3 cr.

5802 Hearing Aids I

(Student Option; Prereq: [[3305, 4801] or [CDIS 3305,
CDIS 4801], SLHS grad] or instr consent)
13477 001 LEC, 09:00-11:30 W, Twin Cities Remote,
Completely Online; Evelyn Davies-Venn ; 3 cr.

5806 Auditory Processing Disorders

(A-F or Audit; Prereq: [4802 or CDIS 4802, SLHS grad]
or instr consent)
16690 001 LEC, 14:30-17:30 W, Twin Cities Remote,
Completely Online; Sarah Angerman ; 3 cr.

5807 Noise and Hearing Conservation

(A-F or Audit; Prereq: [8801, 8802] or [CDIS 8801, CDIS
8802])
16721 001 LEC, 14:30-17:30 M, Twin Cities Remote,
Completely Online; Peggy Nelson ; 3 cr.

5810 Laboratory Module in Audiology

(A-F only; Prereq: [4801 or CDIS 4801, SLHS grad] or
instr consent)
13478 001 LAB, 09:00-11:00 , , In Person Term Based; Kerry
Witherell ; 1-2 cr.
16766 002 LAB, 13:00-15:00 , , 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)
14659 001 DIS, 10:00-11:30 F, Twin Cities Remote,
Completely Online; Sarah Angerman ; 1-6 cr.

5830 Clinical Foundations in Audiology

(S-N or Audit; Prereq: Grad SLHS major)
15492 001 FWK, 00:00-00:00 , , In Person Term Based;
Sarah Angerman ; 1-8 cr.

5993 Directed Study

(Student Option; Prereq: SLHS grad or instr consent)
13888 001 IND, 00:00-00:00 , , In Person Term Based; Sarah
Angerman ; 1-12 cr.
14225 008 IND, 00:00-00:00 , , In Person Term Based;
Benjamin Munson ; 1-12 cr.
14488 010 IND, 00:00-00:00 , , In Person Term Based; Peter
Watson ; 1-12 cr.
14489 012 IND, 00:00-00:00 , , In Person Term Based;
Jayanthi Sasisekaran ; 1-12 cr.
14490 009 IND, 00:00-00:00 , , In Person Term Based;
Peggy Nelson ; 1-12 cr.
14491 003 IND, 00:00-00:00 , , In Person Term Based;
Katlyn McGrattan ; 1-12 cr.
14492 004 IND, 00:00-00:00 , , In Person Term Based;
Matthew Winn ; 1-12 cr.
14493 002 IND, 00:00-00:00 , , In Person Term Based; Yang
Zhang ; 1-12 cr.
14524 005 IND, 00:00-00:00 , , In Person Term Based;
Lizbeth Finestack ; 1-12 cr.
14856 013 IND, 00:00-00:00 , , In Person Term Based;
Robert Schlauch ; 1-12 cr.
16813 014 IND, 00:00-00:00 , , In Person Term Based;
Evelyn Davies-Venn ; 1-12 cr.
34871 006 IND, 12:00-12:50 , , In Person Term Based; Kerry
Ebert ; 1-12 cr.

Sport Management (SMGT)**1701 Introduction to Sport Management**

(A-F or Audit;)
12519 001 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Kevin King ; 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.)

12520 001 LEC, Completely Online; Christopher Nettleton ; 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.)

12521 001 LEC, 13:00-14:15 W, ONLINE BLENDED, 13:00-14:15 M, Smith Hall 100, Partially Online; Kevin King ; 3 cr.

13332 002 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; 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.)

12522 001 LEC, 09:45-11:00 W, ONLINE BLENDED, 09:45-11:00 M, Willey Hall 175, Partially Online; Kevin King ; 3 cr.

3501 Sport in a Diverse Society

(A-F only; DSJ,SOCS)

12523 001 LEC, Completely Online; Chelsey Thul ; 3 cr.

12563 003 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Nicole LaVoi ; 3 cr.

12619 004 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Vicki Schull ; 3 cr.

12791 005 LEC, 17:00-18:15 MW, Molecular Cellular Biol 3-120, In Person Term Based; Leo Lewis ; 3 cr.

12939 002 LEC, Completely Online; Meets With: 001 SMGT 3501H; Chelsey Thul ; 3 cr.

3501H Sport in a Diverse Society: Honors

(A-F only; Prereq: Honors student DSJ,SOCS)

13009 001 LEC, Completely Online; Meets With: 002 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.)

12524 001 LEC, 12:45-14:25 W, Twin Cities Remote, Completely Online; Jazmin Danielson ; 2 cr.

3631 Sport Marketing

(A-F only; Prereq: SMGT Major or SMGT Minor, or instructor consent AND 45 credits completed or in progress.)

13121 002 LEC, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Clinton Warren, PhD ; 3 cr.

3632 Sport Sales and Fund-raising

(A-F only; Prereq: Sport Management major or minor or instr consent)

12605 001 LEC, 08:15-09:30 MW, Twin Cities Remote, Completely Online; Clinton Warren, PhD ; 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.)

12525 001 LEC, 15:00-16:15 T, Twin Cities Remote, Completely Online; Andrew Nelson ; 3 cr.

3881W Senior Seminar in Sport Management

(A-F or Audit; WI)

12526 001 LEC, 15:00-17:30 M, Twin Cities Remote, Completely Online; Laura Jacobson ; 3 cr.

12813 003 LEC, 18:00-20:30 M, Twin Cities Remote, Completely Online; Laura Jacobson ; 3 cr.

3993 Directed Study in Sport Management

(A-F only; Prereq: Undergrad, instr consent)

12590 005 IND, 00:00-00:00 , , Independent/Directed Study; Vicki Schull ; 1-3 cr.

12591 009 IND, 00:00-00:00 , , Independent/Directed Study; Lisa Kihl ; 1-3 cr.

12896 015 IND, In Person Term Based; Kevin King ; 1-3 cr.

13215 016 IND, In Person Term Based; Yonghwan Chang ; 1-3 cr.

13459 017 IND, In Person Term Based; Clinton Warren, PhD ; 1-3 cr.

3996 Practicum: The Sport Experience

(S-N only; Prereq: 3881, SMGT major, instr consent)

12792 002 FWK, 00:00-00:00 , , In Person Term Based; Kevin King ; 2-8 cr.

1001 Introduction to the Ideas of Statistics

(Student Option; Prereq: Mathematics requirement for admission to University MATH)

14532 001 LEC, 10:10-11:00 MWF, Twin Cities Remote,

Completely Online; Yuyoung Park ; 4 cr.

14533 002 LAB, Completely Online; 4 cr.

3011 Introduction to Statistical Analysis

(Student Option; MATH)

13500 001 LEC, Completely Online; Meng-Hsuan Wu ; 4 cr.

13501 002 LAB, Completely Online; 4 cr.

13502 003 LAB, Completely Online; 4 cr.

13503 007 LAB, Completely Online; 4 cr.

13504 008 LAB, Completely Online; 4 cr.

13505 009 LEC, Completely Online; ; 4 cr.

13506 010 LAB, Completely Online; 4 cr.

13507 011 LAB, Completely Online; 4 cr.

13508 012 LAB, Completely Online; 4 cr.

13509 013 LEC, Completely Online; ; 4 cr.

13510 014 LAB, Completely Online; 4 cr.

13511 015 LAB, Completely Online; 4 cr.

13512 016 LAB, Completely Online; 4 cr.

13513 017 LEC, Completely Online; ; 4 cr.

13514 018 LAB, Completely Online; 4 cr.

15333 004 LAB, Completely Online; 4 cr.

15334 005 LEC, Completely Online; Meng-Hsuan Wu ; 4 cr.

15337 006 LAB, Completely Online; 4 cr.

3021 Introduction to Probability and Statistics

(Student Option; Prereq: Math 1272)

13518 001 LEC, Completely Online; Yuyoung Park ; 3 cr.

13519 002 LAB, Completely Online; 3 cr.

13520 003 LAB, Completely Online; 3 cr.

14141 004 LAB, Completely Online; 3 cr.

16456 005 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; Kazeem Adepoju ; 3 cr.

16457 006 LAB, 13:25-14:15 T, Twin Cities Remote, Completely Online; 3 cr.

16458 007 LAB, 14:30-15:20 T, Twin Cities Remote, Completely Online; 3 cr.

16459 008 LAB, 15:35-16:25 T, Twin Cities Remote, Completely Online; 3 cr.

18198 009 LEC, Completely Online; Yuyoung Park ; 3 cr.

18199 010 LAB, Completely Online; 3 cr.

18200 011 LAB, Completely Online; 3 cr.

18201 012 LAB, Completely Online; 3 cr.

3022 Data Analysis

(Student Option; Prereq: 3011 or 3021 or SOC 3811)

13515 001 LEC, 11:15-12:05 MWF, Twin Cities Remote, Completely Online; Kazeem Adepoju ; 4 cr.

13516 002 LAB, 12:20-13:10 T, Twin Cities Remote, Completely Online; 4 cr.

13517 003 LAB, 14:30-15:20 T, Twin Cities Remote, Completely Online; 4 cr.

14536 004 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Kazeem Adepoju ; 4 cr.

16526 005 LAB, 10:10-11:00 T, Twin Cities Remote, Completely Online; 4 cr.

16768 006 LAB, 11:15-12:05 T, Twin Cities Remote, Completely Online; 4 cr.

3032 Regression and Correlated Data

(Student Option; Prereq: STAT 3011 or STAT 3021)

16477 001 LEC, Completely Online; Georgia(Zhuozhi) Huang ; 4 cr.

16478 002 LAB, Completely Online; 4 cr.

16479 003 LAB, Completely Online; 4 cr.

16708 004 LAB, Completely Online; 4 cr.

16709 005 LEC, Completely Online; Georgia(Zhuozhi) Huang ; 4 cr.

16710 006 LAB, Completely Online; 4 cr.

16711 007 LAB, Completely Online; 4 cr.

16712 008 LAB, Completely Online; 4 cr.

34224 301 LEC, Completely Online; Georgia(Zhuozhi) Huang ; 4 cr.

3701 Introduction to Statistical Computing

(A-F only; Prerequisites: (MATH 1272 or 1372 or 1572H), CSCI 1113, and STAT 3032)

16693 001 LEC, Completely Online; Adam Rothman ; 4 cr.

16694 002 LAB, Completely Online; 4 cr.

18202 003 LAB, Completely Online; 4 cr.

4051 Applied Statistics I

(A-F or Audit; Prerequisites: (STAT 3701 or STAT 3301) and (STAT 4101 or STAT 5101 or MATH 5651))

16580 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; Barbara Kuzmak ; 4 cr.

16581 002 LAB, 09:05-09:55 T, Twin Cities Remote, Completely Online; 4 cr.

16582 003 LAB, 10:10-11:00 T, Twin Cities Remote, Completely Online; 4 cr.

4052 Introduction to Statistical Learning

(A-F only; Prerequisites: STAT 4051 and (STAT 4102 or STAT 5102))

16962 001 LEC, 10:10-11:00 MWF, Twin Cities Remote,

Completely Online; Sara Algeri ; 4 cr.

16963 002 LAB, 10:10-11:00 T, Twin Cities Remote,

Completely Online; 4 cr.

4101 Theory of Statistics I

(Student Option; Prereq: Math 1272 or Math 1372 or Math 1572H)

13691 001 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; Qian Qin ; 4 cr.

13692 002 LAB, 13:25-14:15 T, Twin Cities Remote, Completely Online; 4 cr.

15785 003 LAB, 14:30-15:20 T, Twin Cities Remote, Completely Online; 4 cr.

4102 Theory of Statistics II

(Student Option; Prereq: 4101)

34067 001 LEC, Completely Online; Jie Ding ; 4 cr.

34068 002 DIS, Completely Online; 4 cr.

34069 003 DIS, Completely Online; 4 cr.

4893W Consultation and Communication for Statisticians

(A-F only; Prereq: Senior Statistics Major WI)

16179 001 LEC, 13:25-14:15 MWF, Twin Cities Remote, Completely Online; Barbara Kuzmak ; 3 cr.

16692 002 LEC, 12:20-13:10 MWF, Twin Cities Remote, Completely Online; Georgia(Zhuozhi) Huang ; 3 cr.

5021 Statistical Analysis

(Student Option; Prereq: college algebra or instr consent; credit will not be granted if credit has been received for STAT 3011)

13521 001 LEC, 10:10-11:00 MWF, Twin Cities Remote, Completely Online; LU YANG ; 4 cr.

13523 003 LAB, 09:05-09:55 T, , 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))

13693 001 LEC, 09:05-09:55 MWF, Twin Cities Remote, Completely Online; Charles Geyer ; 4 cr.

13694 002 LAB, 09:05-09:55 T, Twin Cities Remote, Completely Online; 4 cr.

14565 003 LAB, 08:00-08:50 T, Twin Cities Remote, Completely Online; 4 cr.

14566 004 LAB, 10:10-11:00 T, Twin Cities Remote, Completely Online; 4 cr.

5102 Theory of Statistics II

(Student Option; Prereq: 5101 or Math 5651)

16713 001 LEC, Completely Online; Snigdhasu Chatterjee ; 4 cr.

16714 002 LAB, Completely Online; 4 cr.

16715 003 LAB, Completely Online; 4 cr.

16716 004 LAB, Completely Online; 4 cr.

5302 Applied Regression Analysis

(Student Option; Prereq: 3032 or 3022 or 4102 or 5021 or 5102 or instr consent Please note this course generally does not count in the Statistical Practice BA or Statistical Science BS degrees. Please consult with a department advisor with questions.)

13564 001 LEC, Completely Online; Jie Ding ; 4 cr.

13565 002 LAB, Completely Online; 4 cr.

5303 Designing Experiments

(Student Option; Prereq: 3022 or 3032 or 3301 or 4102 or 5021 or 5102 or instr consent)

13562 001 LEC, 09:05-09:55 F, Twin Cities Remote, Completely Online; Gary Oehlert ; 4 cr.

13563 002 LAB, 10:10-11:00 T, Twin Cities Remote, Completely Online; 4 cr.

5421 Analysis of Categorical Data

(Student Option; Prereq: STAT 3022 or 3032 or 3301 or 5302 or 4051 or 8051 or 5102 or 4102)

16696 001 LEC, 14:30-15:20 MWF, Twin Cities Remote, Completely Online; Charles Geyer ; 3 cr.

5701 Statistical Computing

(A-F or Audit; Prereq: (Stat 5102 or Stat 8102) and (Stat 5302 or STAT 8051) or consent)

16221 001 LEC, Completely Online; Adam Rothman ; 3 cr.

5731 Bayesian Astrostatistics

(A-F only; Prerequisites: MATH 2263 and MATH 2243, or equivalent; or instructor consent Suggested:

Statistics (STAT)

statistical course at the level of AST 4031, AST 5031, STAT 3021, or STAT 5021)

34429 001 LAB, 09:05-10:05 W, Twin Cities Remote, Completely Online; Meets With: 001 AST 5731; Claudia Scarlata, Galin Jones ; 4 cr.

5993 Tutorial

(Student Option; Prereq: instr consent)

14229 001 IND, 00:00-00:00 , , In Person Term Based; 1-6 cr.

Stem Cell Biology (SCB)

5051 Stem Cell Biology Practical Training Module

(A-F only; Prereq: Acceptance into stem cell biology master's program)

24701 001 LAB, 00:00-00:00 , , Partially Online; Susan Keirstead ; 1 cr.

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)

24699 001 LEC, 16:00-17:00 MWF, No Room Required, Partially Online; Susan Keirstead ; 2 cr.

5900 Master's Plan B Research Paper and Presentation

(A-F only; Prereq: Admission to stem cell biology master's plan B program)

25380 001 IND, In Person Term Based; Susan Keirstead ; 2 cr.

Studies in Cinema Media Cultur (SCMC)

1201V Honors Course: Cinema

(Student Option; AH,WI)

33490 001 LEC, 09:05-12:05 F, Twin Cities Remote, Completely Online; Meets With: 001 SCMC 1201W001 CSCL 1201W001 CSCL 1201V; Michelle Lekas ; 4 cr.

33491 002 DIS, 13:00-14:15 M, Twin Cities Remote, Completely Online; Meets With: 002 CSCL 1201V; Michelle Lekas ; 4 cr.

1201W Cinema

(Student Option; AH,WI)

14508 001 LEC, 09:05-12:05 F, Twin Cities Remote, Completely Online; Meets With: 001 CSCL 1201W001 CSCL 1201V001 SCMC 1201V; Michelle Lekas ; 4 cr.

16488 002 DIS, 09:05-09:55 T, Twin Cities Remote, Completely Online; Meets With: 002 CSCL 1201W; Zosha Winegar-Schultz ; 4 cr.

16489 003 DIS, 10:10-11:00 T, Twin Cities Remote, Completely Online; Meets With: 003 CSCL 1201W; Zosha Winegar-Schultz ; 4 cr.

16490 004 DIS, 10:10-11:00 Th, Twin Cities Remote, Completely Online; Meets With: 004 CSCL 1201W; 4 cr.

16491 005 DIS, 10:10-11:00 W, Twin Cities Remote, Completely Online; Meets With: 005 CSCL 1201W; Daniel Aufmann ; 4 cr.

16492 006 DIS, 11:15-12:05 W, Twin Cities Remote, Completely Online; Meets With: 006 CSCL 1201W; Daniel Aufmann ; 4 cr.

1202W Media: Word, Image, Sound

(Student Option; AH,WI,TS)

16467 001 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Meets With: 001 CSCL 1202W; Matthew Henseler ; 4 cr.

16468 002 DIS, 09:05-09:55 M, Twin Cities Remote, Completely Online; Meets With: 002 CSCL 1202W; Paulomi Sharma ; 4 cr.

16469 003 DIS, 10:10-11:00 M, Twin Cities Remote, Completely Online; Meets With: 003 CSCL 1202W; Paulomi Sharma ; 4 cr.

16470 004 DIS, 09:05-09:55 F, Twin Cities Remote, Completely Online; Meets With: 004 CSCL 1202W; Clare Harmon ; 4 cr.

16471 005 DIS, 10:10-11:00 F, Twin Cities Remote, Completely Online; Meets With: 005 CSCL 1202W; Clare Harmon ; 4 cr.

17778 006 DIS, 09:05-09:55 W, Twin Cities Remote, Completely Online; Meets With: 006 CSCL 1202W; Ansel Arnold ; 4 cr.

34427 007 DIS, 10:10-11:00 W, Twin Cities Remote, Completely Online; Meets With: 007 CSCL 1202W; Ansel Arnold ; 4 cr.

3001W History of Cinema and Media Culture

(Student Option; WI)

16438 001 LEC, 11:15-14:30 MW, Twin Cities Remote, Completely Online; Brad Stiffler ; 4 cr.

3201 Fundamentals of Digital Filmmaking

(A-F only;)

16056 001 LAB, 13:25-15:20 MW, , In Person Term Based; James Snapko ; 4 cr.

16261 002 LAB, 17:45-21:05 T, , In Person Term Based; James Snapko ; 4 cr.

3211 Global and Transnational Cinemas

(Student Option; GP)

17798 001 LEC, 09:45-12:45 Th, Twin Cities Remote, 09:45-11:00 T, Twin Cities Remote, Completely Online; Meets With: 001 CSCL 3211; Keya Ganguly ; 4 cr.

3220W Screen Cultures

(Student Option; AH,WI,TS)

33522 001 LEC, 09:45-12:15 F, Twin Cities Remote, Completely Online; Meets With: 001 CSCL 3220W; Eva Hudecova ; 3 cr.

3221 On Television

(Student Option; CIV)

18065 001 LEC, Completely Online; Meets With: 001 CSCL 3221; Eva Hudecova ; 3 cr.

3896 Internship for Academic Credit

(Student Option;)

17905 001 FWK, In Person Term Based; Graeme Stout ; 1-4 cr.

3993 Directed Study

(Student Option;)

15924 001 IND, 00:00-00:00 , , In Person Term Based; Graeme Stout ; 1-3 cr.

4993 Directed Study

(Student Option;)

15925 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.

5001 Critical Debates in the Study of Cinema and Media Culture

(Student Option;)

16055 001 LEC, 14:30-15:45 W, Nicholson Hall 135, 14:30-17:30 M, Nicholson Hall 135, In Person Term Based; Graeme Stout ; 4 cr.

5993 Directed Study

(Student Option;)

15926 001 IND, 00:00-00:00 , , Independent/Directed Study; James Snapko ; 1-3 cr.

17452 002 IND, In Person Term Based; Graeme Stout ; 1-3 cr.

18274 003 IND, In Person Term Based; Lorenzo Fabbri ; 1-3 cr.

18286 004 IND, In Person Term Based; Jason McGrath ; 1-3 cr.

Study Abroad in Argentina (ARGN)

Study Abroad in Dublin (DBLN)

Study Abroad in Florence (FLOR)

Study Abroad in London (LNDN)

Study Abroad in Montpellier (MONT)

Study Abroad in Sydney (SDNY)

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)

19253 001 DIS, 13:45-15:25 MW, Twin Cities Remote, Completely Online; Steven Huchendorf ; 4 cr.

19254 002 DIS, 15:45-17:25 MW, Twin Cities Remote, Completely Online; Steven Huchendorf ; 4 cr.

19255 003 DIS, 09:55-11:35 TTh, Twin Cities Remote, Completely Online; Oliver Papp ; 4 cr.

19256 004 DIS, 11:50-13:30 TTh, Twin Cities Remote, Completely Online; Oliver Papp ; 4 cr.

19257 020 DIS, 17:45-21:05 Th, Twin Cities Remote, Completely Online; Bhupinder Juneja ; 4 cr.

34781 005 DIS, 08:00-09:40 TTh, Twin Cities Remote, Completely Online; Steven Huchendorf ; 4 cr.

3001 Supply Chain and Operations

(A-F or Audit;)

19258 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Bob Azman ; 3 cr.

19259 002 LEC, 08:15-09:30 MW, Twin Cities Remote, Completely Online; Natalie Huang ; 3 cr.

19260 003 LEC, 08:15-09:30 TTh, Twin Cities Remote, Completely Online; Bob Azman ; 3 cr.

19294 004 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; David Quimby ; 3 cr.

19354 005 LEC, 14:30-15:45 MW, Twin Cities Remote, Completely Online; Natalie Huang ; 3 cr.

19471 006 LEC, 11:15-12:30 MW, Twin Cities Remote, Completely Online; Natalie Huang ; 3 cr.

19565 007 LEC, 14:30-15:45 TTh, Twin Cities Remote, Completely Online; Behrooz Pourghannad ; 3 cr.

3041 Project Management

(A-F or Audit; Prereq: 3000 or instr consent)

19261 001 LEC, 11:50-13:30 MW, ONLINE BLENDED, 11:50-13:30 MW, Carlson School of Mgmt L-110, Partially Online; David Quimby ; 2 cr.

3045 Sourcing and Supply Management

(A-F only; Prereq: 3001)

19262 001 LEC, 11:50-13:30 TTh, ONLINE BLENDED, 11:50-13:30 TTh, Carlson School of Mgmt L-110, Partially Online; Natalie Huang ; 2 cr.

3048 Transportation and Logistics Management

(A-F only; Prereq: 3001)

19263 001 LEC, 15:45-17:25 TTh, Twin Cities Remote, Completely Online; Karen Donohue ; 2 cr.

3051 Service Management

(A-F only; Prereq: 3001)

19264 001 LEC, 15:45-17:25 TTh, ONLINE BLENDED, 15:45-17:25 TTh, Hanson Hall 1-102, Partially Online; Bob Azman ; 2 cr.

3056 Supply Chain Planning and Control

(A-F or Audit; Prereq: 3001 or instr consent)

19265 001 LEC, 09:55-11:35 MW, Carlson School of Mgmt 1-115, In Person Term Based; Necati Ertekin ; 4 cr.
31573 002 LEC, 13:45-15:25 MW, Anderson Hall 210, In Person Term Based; Necati Ertekin ; 4 cr.

3059 Quality Management and Lean Six Sigma

(A-F or Audit; Prereq: 3001 or equiv or instr consent)

19266 001 LEC, 10:10-11:50 TTh, Twin Cities Remote, Completely Online; Steven Huchendorf ; 4 cr.

31574 002 LEC, 14:30-16:10 TTh, Twin Cities Remote, Completely Online; Steven Huchendorf ; 4 cr.

3072 Managing Technologies in the Supply Chain

(A-F only; Prereq: 3001)

19328 001 LEC, 13:45-15:25 TTh, Twin Cities Remote, Completely Online; Lisa Cotter ; 2 cr.

4065W Supply Chain and Operations Strategy

(A-F only; Prereq: 3001, 3056, 3059, 4 [OMS or SCO] elective crWI)

19267 001 LEC, 09:55-11:35 TTh, ONLINE BLENDED, 09:55-11:35 TTh, Carlson School of Mgmt L-110, Partially Online; David Quimby ; 4 cr.

Sustainability Studies (SUST)

3003 Sustainable People, Sustainable Planet

(Student Option; Prereq: Soph or jr or srENV)

18555 001 LEC, 13:30-14:45 MW, Twin Cities Remote, Completely Online; Jason Hill ; 3 cr.

4004 Sustainable Communities

(A-F only; Prereq: [3003 or GLOS 3304, [jr or sr] in sustainability studies minor] or instr consent)

18578 001 LEC, 17:30-20:00 Th, ONLINE BLENDED, Partially Online; Julia Nerbonne ; 3 cr.

4096 Sustainability Internship

(A-F only; Prereq: Familiarity with sustainability concepts through academic work or other experiences)

18858 001 FWK, 16:00-17:15 T, Armory Building 116, 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)

18791 001 LEC, 00:00-00:00 , , In Person Term Based; Craig Sheaffer ; 1-3 cr.

Sustainable Systems Management (SSM)

1004 Sustainable Systems Management Orientation

(S-N only; Prereq: None)

18786 001 LEC, 15:00-16:55 Th, McNeal Hall 33, Partially Online; Cindy McComas ; 1 cr.

2003 Systems Thinking: Development and Applications in Sustainability

(A-F only;)

18788 001 LEC, 09:30-12:00 M, Ruttan Hall 143, Partially Online; Tim Smith ; 3 cr.

3301 Global Water Resource Use and Sustainability

(Student Option; ENV)

18799 001 LEC, Completely Online; Gary Sands ; 3 cr.

3503 Marketing of Bio-based Products

(A-F or Audit;)

18535 001 LEC, Completely Online; Meets With: 001 SSM 5503; Omar Espinoza ; 4 cr.

4407W Sustainable Manufacturing

Principles and Practices

(A-F only; Prereq: Junior/Senior Status, Introductory Chemistry or instr consentWI)

18536 001 LEC, 10:40-12:35 MW, ONLINE BLENDED, Partially Online; Meets With: 001 SSM 5407; Omar Espinoza, Cindy McComas ; 3 cr.

4413 Systems Approach to Residential Construction

(Student Option; Prereq: Upper div or instr consent)

18854 001 LEC, 10:15-12:10 TTh, Biosystems & Ag Eng Bldg 106, Partially Online; Meets With: 001 SSM 5413; Aaron Hanson ; 4 cr.

4414 Advanced Residential Building Science

(Student Option; Prereq: 2001)

33057 001 LEC, 08:45-11:15 F, Green Hall 110, 08:45-10:00 TTh, Green Hall 110, In Person Term Based; Meets With: 001 SSM 5414; Patrick Huelman ; 4 cr.

5407 Sustainable Manufacturing Principles and Practices

(A-F only;)

18539 001 LEC, 10:40-12:35 MW, ONLINE BLENDED, Partially Online; Meets With: 001 SSM 4407W; Omar Espinoza, Cindy McComas ; 3 cr.

5413 A Systems Approach to Residential Construction

(Student Option;)

18855 001 LEC, 10:15-12:10 TTh, Biosystems & Ag Eng Bldg 106, Partially Online; Meets With: 001 SSM 4413; Aaron Hanson ; 4 cr.

5414 Advanced Residential Building Science

(Student Option; Prereq: Grad student or instr consent)

33058 001 LEC, 08:45-11:15 F, Green Hall 110, 08:45-10:00 TTh, Green Hall 110, In Person Term Based; Meets With: 001 SSM 4414; Patrick Huelman ; 4 cr.

Swahili (SWAH)

1221 Beginning Swahili, Semester I

(Student Option;)

14916 001 LEC, 10:10-12:05 MW, Twin Cities Remote, Completely Online; Meets With: 001 SWAH 4221; Angaluki Muaka ; 5 cr.

14940 002 LEC, 18:20-20:50 TTh, Twin Cities Remote, Completely Online; Meets With: 002 SWAH 4221; Angaluki Muaka ; 5 cr.

3225 Intermediate Swahili

(Student Option; Prereq: 1 yr Swahili or equiv)

16921 001 LEC, 14:30-15:20 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 SWAH 4225; Angaluki Muaka ; 5 cr.

4221 Beginning Swahili for Graduate

Research I

(Student Option;)

14922 001 LEC, 10:10-12:05 MW, Twin Cities Remote, Completely Online; Meets With: 001 SWAH 1221; Angaluki Muaka ; 5 cr.

14941 002 LEC, 18:20-20:50 TTh, Twin Cities Remote, Completely Online; Meets With: 002 SWAH 1221; Angaluki Muaka ; 5 cr.

4225 Intermediate Swahili for Graduate

Research

(Student Option;)

16922 001 LEC, 14:30-15:20 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 SWAH 3225; Angaluki Muaka ; 5 cr.

Swedish (SWED)

1001 Beginning Swedish

(Student Option;)

14135 002 DIS, 16:40-18:05 MTTh, Twin Cities Remote, Completely Online; Meets With: 002 SWED 4001; Lena Norrman ; 5 cr.

1003 Intermediate Swedish

(Student Option; Prereq: 1002)

14273 001 DIS, 13:25-14:15 TF, ONLINE BLENDED, 13:25-14:15 MWTh, Nicholson Hall 125, Partially Online; Meets With: 001 SWED 4003; Lena Norrman ; 5 cr.

4001 Beginning Swedish for Graduate

Research

(Student Option;)

14136 002 DIS, 16:40-18:05 MTTh, Twin Cities Remote, Completely Online; Meets With: 002 SWED 1001; Lena Norrman ; 5 cr.

4003 Intermediate Swedish for Graduate

Research

(Student Option;)

14274 001 DIS, 13:25-14:15 TF, ONLINE BLENDED, 13:25-14:15 MWTh, Nicholson Hall 125, Partially Online; Meets With: 001 SWED 1003; Lena Norrman ; 5 cr.

Theatre Arts (TH)

1101V Honors Section: Introduction to the Theater

(A-F only; Prereq: Honors studentAH,WI)

14477 001 LEC, 13:25-15:20 M, Twin Cities Remote, Completely Online; Meets With: 001 TH 1101V; Charles Adams ; 3 cr.

14478 081 DIS, 13:25-15:20 F, Twin Cities Remote, Completely Online; Greta Gebhard ; 3 cr.

1101W Introduction to the Theatre

(Student Option; AH,WI)

13524 001 LEC, 13:25-15:20 M, Twin Cities Remote, Completely Online; Meets With: 001 TH 1101V; Charles Adams ; 3 cr.

14316 002 DIS, 13:25-15:20 W, Twin Cities Remote, Completely Online; Greta Gebhard ; 3 cr.

14317 003 DIS, 13:25-15:20 W, Twin Cities Remote,

Completely Online; Katelyn Buis ; 3 cr.

14318 004 DIS, 13:25-15:20 F, Twin Cities Remote,

Completely Online; Katelyn Buis ; 3 cr.

1102 Stage, Screen, Society: Performance in the Media Age

(Student Option; AH,CIV)

14661 001 LEC, 18:00-21:00 W, West Bank Skyway 20, Partially Online; Margaret Werry ; 3 cr.

1301 Acting/Non-Majors

(Student Option;)

14427 001 LEC, 18:30-21:30 M, Twin Cities Remote, Completely Online; T. Mychael Rambo ; 3 cr.

1321 Fundamentals of Acting & Performance

(Student Option;)

15488 001 LAB, 11:15-13:10 MW, Rarig Center 185, In Person Term Based; Kym Longhi ; 3 cr.

15489 002 LAB, 11:15-13:10 MW, Twin Cities Remote, Completely Online; Luverne Seifert ; 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)

15490 001 LAB, 13:25-15:20 TTh, Twin Cities Remote, Completely Online; Michael Sommers ; 3 cr.

15491 002 LAB, 13:25-15:20 TTh, Twin Cities Remote, Completely Online; Lisa Channer ; 3 cr.

1362 Dance for Musical Theatre

(A-F or Audit;)

33434 001 LAB, 09:05-11:00 TTh, Rarig Center 190, In Person Term Based; Linda Lee ; 2 cr.

1391 BFA Acting I

(A-F or Audit; Prereq: Accepted into BFA acting program)

14614 001 LAB, 15:45-18:15 M, Rarig Center 630, 13:25-15:20 T, Rarig Center 10, 12:20-14:15 F, Rarig Center 10, 13:25-14:15 W, Rarig Center 20, 15:15-17:30 Th, Rarig Center 10, 15:35-17:30 T, Rarig Center 10, In Person Term Based; Bruce Roach, Steve Cardamone ; 3 cr.

1392 BFA Voice and Speech I

(A-F or Audit; Prereq: Accepted into BFA acting prog)

14615 001 LAB, 14:30-17:30 WF, Rarig Center 10, In Person Term Based; Lucinda Holshue ; 2 cr.

1393 BFA Movement I

(A-F or Audit; Prereq: BFA-acting major)

14616 001 LAB, 13:25-15:20 M, Rarig Center 630, 13:25-14:55 Th, Rarig Center 10, 11:15-13:10 W, Rarig Center 10, In Person Term Based; Marciano Silva Dos Santos, Markell Kiefer, Theodore 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)

15331 001 LEC, 11:15-13:10 TTh, Rarig Center 275, 11:15-13:10 TTh, Rarig Center 185, In Person Term Based; Chelsea Masteller Warren ; 3 cr.

1911W Attending (to) Theater

(A-F only; WI)

34811 001 DIS, 18:30-21:30 Th, Blegen Hall 255, In Person Term Based; Sonja Kufinec ; 3 cr.

2391 BFA Acting III

(A-F or Audit; Prereq: BFA student in theatre arts)

14621 001 LAB, 15:00-17:30 M, Rarig Center 10, 13:25-15:20 T, Rarig Center 20, 13:25-14:15 W, Rarig Center 10, 19:30-22:30 MTWThF, Rarig Center 630, 15:35-17:30 F, Rarig Center 630, 19:30-22:30 MTWThF, Rarig Center 90, 11:00-17:00 Sa, Rarig Center 20, 14:30-17:30 W, Rarig Center 630, In Person Term Based; Steve Cardamone, Bruce Roach ; 3 cr.

2392 BFA Voice and Speech III

(A-F or Audit; Prereq: BFA student in theatre arts)

14617 001 LAB, 12:20-15:20 F, Twin Cities Remote, 15:35-18:00 TTh, Twin Cities Remote, Completely Online; Samantha Laumann ; 2 cr.

2393 BFA Movement III

(A-F or Audit; Prereq: BFA student in theatre arts)

14622 001 LAB, 13:25-15:20 Th, Rarig Center 20, 11:15-13:10 MW, Rarig Center 20, In Person Term Based; Brian Sostek, Annie Enneking ; 2 cr.

3115 Introduction to Playwriting

(Student Option;)

14181 001 LEC, 13:25-16:25 F, Twin Cities Remote, Completely Online; Talvin Wilks ; 3 cr.

3171 History of the Theatre: Ancient Greece Through Neo-Classicism

(Student Option;)

14652 001 LEC, 11:15-13:10 TTh, Twin Cities Remote, Completely Online; Jacob Rorem ; 3 cr.

3314 Text and the Actor

(A-F or Audit; Prereq: 1101, 1321, 1322)

17309 001 LAB, 09:05-11:00 TTh, Rarig Center 185, Partially Online; Douglas Scholz-Carlson ; 3 cr.

3321 Acting I

(Student Option;)

16638 001 LAB, 15:35-17:30 TTh, Rarig Center 210, Partially Online; Douglas Scholz-Carlson ; 3 cr.

3330 Physical Approaches to Acting

(Student Option; Prereq: 1322, [3314 or concurrent registration is required (or allowed) in 3314], audition, instr consent)

14526 001 LAB, 09:05-11:00 MW, Rarig Center 185, In Person Term Based; Luverne Seifert ; 3 cr.

3370 BA Masterclass

(A-F only;)

16224 001 LAB, 11:15-13:10 F, Rarig Center 185, In Person Term Based; Annie Enneking ; 1 cr.

16225 002 LAB, 11:15-13:10 F, Twin Cities Remote, Completely Online; Joy Anne Anfinson ; 1 cr.

16360 003 LAB, 11:15-13:10 F, Twin Cities Remote, Completely Online; Shirley Diercks ; 1 cr.

3531 Introduction to Theatrical Costume Design

(Student Option; Prereq: TH 3571)

17818 001 LEC, 13:25-15:20 TTh, Rarig Center 275, In Person Term Based; Matthew Lefebvre ; 3 cr.

3559 Introduction to Sound Design for the Theatre

(Student Option; Prereq: 1501)

17819 001 LAB, 09:05-11:00 MW, Rarig Center 210, In Person Term Based; Montana Johnson ; 3 cr.

3571 Introduction to Stage Technology

(A-F only; Prereq: 1501)

17216 001 LEC, 11:15-13:10 MW, Rarig Center 210, 11:15-13:10 MW, Rarig Center 230, 11:15-13:10 MW, Rarig Center 130, In Person Term Based; Bill Healey, Jason Allyn-Schwerin, Susan Binder-Pettigrew, Montana Johnson, Zeb Huits ; 3 cr.

17217 002 LAB, 13:25-15:20 MW, Room TBA, In Person Term Based; Bill Healey ; 3 cr.

17218 003 LAB, 15:35-17:30 MW, Room TBA, In Person Term Based; Bill Healey ; 3 cr.

17219 004 LAB, 13:25-15:20 TTh, Room TBA, In Person Term Based; Bill Healey ; 3 cr.

17220 005 LAB, 15:35-17:30 TTh, Room TBA, In Person Term Based; Bill Healey ; 3 cr.

17221 006 LAB, 13:25-17:30 F, Room TBA, In Person Term Based; Bill Healey ; 3 cr.

17222 007 LAB, In Person Term Based; Bill Healey ; 3 cr.

3711 Beginning Directing

(Student Option; Prereq: 1101, 1321, 1322)

16062 001 LAB, 15:35-17:30 MW, Rarig Center 185, In Person Term Based; Joel Sass ; 3 cr.

3716 Stage Management

(A-F only; Prereq: 1501 or instr consent)

15500 001 LAB, 15:35-17:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 TH 5716; Christine Swartwout ; 4 cr.

3760 Project Stage Management

(Student Option;)

35422 001 FWK, In Person Term Based; Christine Swartwout ; 2 cr.

3993 Directed Study

(Student Option; Prereq: 6 Th cr, instr consent, dept consent, college consent)

14581 001 IND, In Person Term Based; 1-6 cr.

4177W Survey of Dramatic Literature I: Strategic Interpretation

(Student Option; Prereq: [3171, 3172], [jr or sr]] or instr consentWI)

13812 001 LEC, 13:25-15:20 TTh, Anderson Hall 210, In Person Term Based; Margaret Werry ; 3 cr.

4322 Acting for the Camera

(Student Option; Prereq: 1301 or 3321)

17311 001 LAB, 13:25-15:20 TTh, Twin Cities Remote, Completely Online; David Mann, Matthew Anderson, Sara Marsh, Beth Chaplin ; 3 cr.

4380 Creative Collaboration

(Student Option; Prereq: Audition, interview, instr consent)

33951 001 LAB, 19:00-22:00 MTWThF, Rarig Center 185, In Person Term Based; Douglas Scholz-Carlson ; 1-3 cr.

33952 002 LAB, 19:00-22:00 MTWThF, Rarig Center 185, In Person Term Based; Luverne Seifert ; 1-3 cr.

4391 BFA Intensive II

(A-F or Audit; Prereq: BFA student in theatre arts)

14618 001 LAB, 14:30-17:30 F, ONLINE BLENDED, 14:30-17:30 MWF, Rarig Center 20, Partially Online; Steve Cardamone, Bruce Roach ; 2 cr.

4393 BFA Rehearsal and Performance III

(A-F or Audit; Prereq: BFA student in theatre arts)

14619 001 LAB, 19:30-22:30 MTWThF, Rarig Center 190, 19:30-22:30 TWThF, Rarig Center 10, 19:30-22:30 MTWThF, Rarig Center 506 - Studio A, 11:00-17:00 Sa, Rarig Center 190, In Person Term Based; Michelle O'Neill, Deborah Pearson ; 2 cr.

4394 BFA Rehearsal and Performance IV

(A-F or Audit; Prereq: BFA student in theatre arts)

14620 001 LAB, 19:30-22:30 MTWThF, Rarig Center 190, 19:30-22:30 TWThF, Rarig Center 210, 19:30-22:30 MTWThF, Rarig Center 506 - Studio A, 11:00-17:00 Sa, Rarig Center 190, In Person Term Based; Deborah Pearson, Bruce Roach, Michelle O'Neill ; 2 cr.

4532 Makeup for the Actor

(Student Option;)

15493 001 LAB, 09:05-12:05 F, Rarig Center 64, 09:05-12:05 F, ONLINE BLENDED, Primarily Online; Theresa Bundick ; 2 cr.

4555 Audio Technology

(Student Option; Prereq: 1501 or instr consent)

33435 001 LAB, 09:05-12:05 F, Rarig Center 210, 10:10-11:00 TTh, ONLINE BLENDED, Partially Online; Montana Johnson ; 3 cr.

4901 Capstone Project for Theater

(S-N or Audit; Prereq: Sr, [Th or Dnce major])

13813 001 IND, 00:00-00:00 , ONLINE, Completely Online; Kym Longhi ; 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])

13848 001 IND, 00:00-00:00 , ONLINE, Completely Online; Sonali Pahwa, Margaret Werry ; 2-4 cr.

5100 Theatre Practicum

(Student Option; Prereq: instr consent, dept consent; 4 cr or 3100 for undergrads)

13814 001 FWK, In Person Term Based; 1-4 cr.

5103 The Theatre Dramaturg

(Student Option;)

17310 001 LEC, 11:15-13:10 TTh, Twin Cities Remote, Completely Online; Talvin Wilks ; 3 cr.

5179W Text and Performance

(A-F or Audit; Prereq: [1322, [3171 or 3172]] or grad studentWI)

17860 001 LEC, 11:15-13:10 TTh, Twin Cities Remote, Completely Online; Lisa Channer ; 3 cr.

5340 Tragedy/Poetry: Advanced Physical Performance Studio

(A-F only; Prereq: [3322, 3331, grad student] or instr consent)

15341 001 LEC, 11:15-13:10 MW, Twin Cities Remote, Completely Online; Barbra Berlovitz ; 3 cr.

5355 Puppetry: Techniques and Practice in Contemporary Theater

(Student Option; Prereq: [[3513 or concurrent registration is required (or allowed) in 3513], instr consent] or grad student)

15340 001 LAB, 09:05-11:00 TTh, Rarig Center 90, 09:05-11:00 TTh, Rarig Center 30, In Person Term Based; Michael Sommers ; 3 cr.

5500 Theatre Design Practicum

(Student Option; Prereq: Th 3521, 3531, or 3541)

13815 001 FWK, In Person Term Based; Marcus Dilliard ; 1-3 cr.

16562 002 FWK, In Person Term Based; Matthew Lefebvre ; 1-3 cr.

16620 003 FWK, In Person Term Based; Chelsea Masteller Warren ; 1-3 cr.

5520 Scene Design

(Student Option; Prereq: 3521)

17827 001 LAB, 08:00-09:55 TTh, Rarig Center 275, In Person Term Based; Chelsea Masteller Warren ; 3 cr.

5570 Properties/Scenery Technology

(Student Option; Prereq: 3515 or grad or instr consent)

34017 001 FWK, 08:00-11:00 F, Rarig Center 190, In Person Term Based; Angelique Powers ; 1-3 cr.

35499 002 FWK, 18:30-21:30 MW, , In Person Term Based; Abbee Warmboe ; 1-3 cr.

5580 Costume Technology

(Student Option; Prereq: 3571 or grad or instr consent)

33953 001 LEC, 10:10-12:05 TTh, , In Person Term Based; Susan Binder-Pettigrew ; 3 cr.

33954 002 LEC, 18:30-21:30 MW, Rarig Center 230, In Person Term Based; Dwane Gramann ; 3 cr.

5590 Theatre Technology Practicum

(Student Option; Prereq: 3515, instr consent, dept consent; 4 cr max for undergrads)

16652 001 FWK, In Person Term Based; Marcus Dilliard ; 1-3 cr.

16653 002 FWK, In Person Term Based; Matthew Lefebvre ; 1-3 cr.

16654 003 FWK, In Person Term Based; Chelsea Masteller Warren ; 1-3 cr.

5716 Stage Management for the Theatre

(Student Option; Prereq: [1101, 1321, soph] or grad)

13816 001 LEC, 15:35-17:30 TTh, Twin Cities Remote, Completely Online; Meets With: 001 TH 3716; Christine Swartwout ; 4 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])

13817 001 FWK, In Person Term Based; Christine Swartwout ; 2 cr.

5993 Directed Study

(Student Option; Prereq: 6 Th cr, instr consent, dept consent, college consent.)

13818 001 IND, In Person Term Based; 1-5 cr.

Toledo International Program (TLDO)**Toxicology (TXCL)****5000 Directed Research in Toxicology**

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

10282 001 LAB, In Person Term Based; 1-5 cr.

5195 Veterinary Toxicology

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

10276 001 LEC, 00:00-00:00 , , In Person Term Based; Michael Murphy ; 3 cr.

Translation and Interpreting (TRIN)**1201 Health Care Terms and Concepts for Interpreters**

(A-F or Audit;)

26567 001 LEC, 18:10-21:00 Th, Twin Cities Remote, Completely Online; Maria Lander Cabrera ; 3 cr.

1901 Special Education Terms and Concepts for Interpreters

(Student Option;)

26773 301 LEC, Completely Online; Meets With: 301 TRIN 900; Betty Tapias-Heinrich ; 3 cr.

3001 Introduction to Translation

(Student Option; Prereq: Bilingual proficiency in [English, second language of instruction])
26639 001 LEC, 18:10-21:00 W, Twin Cities Remote, Completely Online; Scott Homler ; 3 cr.

3101 Introduction to Interpreting

(Student Option; Prereq: high level of proficiency in spoken English and another language; 3001 recommended)
26682 001 LEC, 18:10-21:00 T, Twin Cities Remote, Completely Online; Scott Homler ; 3 cr.

3102 Consecutive Interpreting

(Student Option; Prereq: 3101, high level of proficiency in [spoken English, another language])
33565 001 LEC, 18:10-21:00 M, Twin Cities Remote, Completely Online; 3 cr.

5993 Directed Study

(Student Option;)
26715 001 IND, Completely Online; Scott Homler ; 1-3 cr.

University College (UC)**1005 Global Perspectives on Higher Education**

(Student Option; Prereq: International student)
33137 301 LEC, Completely Online; 2 cr.

Urban Studies (URBS)**1001W Introduction to Urban Studies: The Complexity of Metropolitan Life**

(A-F or Audit; WI)
13904 001 LEC, 16:00-17:15 MW, ONLINE BLENDED, 16:00-17:15 MW, Willey Hall 125, Partially Online; Meets With: 001 URBS 3001W; Mark Brinda ; 3 cr.

3001W Introduction to Urban Studies: The Complexity of Metropolitan Life

(A-F or Audit; WI)
15751 001 LEC, 16:00-17:15 MW, ONLINE BLENDED, 16:00-17:15 MW, Willey Hall 125, Partially Online; Meets With: 001 URBS 1001W; Mark Brinda ; 3 cr.

3200 Urban Studies Colloquium

(A-F or Audit; Prereq: dept consent)
34097 001 DIS, 17:30-19:30 T, Twin Cities Remote, Completely Online; 1 cr.
34099 002 DIS, 17:30-19:30 T, Blegen Hall 10, In Person Term Based; William Lindeke ; 1 cr.
34100 003 DIS, 17:30-19:30 W, Twin Cities Remote, Completely Online; 1 cr.

3500 Urban Studies Workshop

(A-F or Audit; Prereq: instr consent)
34101 001 FWK, 15:00-17:30 W, Blegen Hall 250, In Person Term Based; Susan Carlson Weinberg ; 3 cr.
34102 002 FWK, 18:00-20:30 Th, Blegen Hall 155, In Person Term Based; Claire Bleser ; 3 cr.

3896 Urban Studies Internship Seminar

(A-F or Audit; Prereq: Sr, internship placement, dept consent, instr consent)
14069 001 FWK, 13:30-15:00 M, Blegen Hall 10, In Person Term Based; Paula Pentel ; 2 cr.
18060 002 FWK, In Person Term Based; Paula Pentel ; 2 cr.

3955W Senior Paper Seminar

(A-F or Audit; Prereq: dept consent WI)
15320 001 LEC, 09:05-11:00 F, Anderson Hall 250, In Person Term Based; Paula Pentel ; 2 cr.

3993 Urban Studies Directed Study

(Student Option; Prereq UrbS majors, instr consent, dept consent.)
14232 001 IND, In Person Term Based; 1-3 cr.

Urdu (URDU)**1011 Beginning Urdu I**

(Student Option No Audit;)
17242 001 LEC, 12:20-13:10 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 URDU 4001; Meraj Ahmed ; 5 cr.

3021 Intermediate Urdu I

(Student Option No Audit;)
17244 001 LEC, 15:35-16:25 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 URDU 4003; Meraj Ahmed ; 5 cr.

3031 Advanced Urdu I

(Student Option No Audit; Prereq: 3022 or instr consent)
17597 001 LEC, 16:40-18:35 MW, Twin Cities Remote, Completely Online; Meets With: 001 URDU 4005; Meraj Ahmed ; 4 cr.

4001 Beginning Urdu I for Graduate

Student Research
(Student Option No Audit;)
17243 001 LEC, 12:20-13:10 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 URDU 1011; Meraj Ahmed ; 5 cr.

4003 Intermediate Urdu I for Graduate

Student Research
(Student Option No Audit;)
17245 001 LEC, 15:35-16:25 MTWThF, Twin Cities Remote, Completely Online; Meets With: 001 URDU 3021; Meraj Ahmed ; 5 cr.

4005 Advanced Urdu I for Graduate

Research
(Student Option No Audit;)
17598 001 LEC, 16:40-18:35 MW, Twin Cities Remote, Completely Online; Meets With: 001 URDU 3031; Meraj Ahmed ; 4 cr.

Veterinary & Biomedical Sci (VBS)**1001 Introduction to Biotechnology**

(A-F or Audit; BIOL,TS)
10367 001 LEC, 12:50-13:40 MW, Twin Cities Remote, Completely Online; Yuying Liang ; 4 cr.
10368 002 LAB, 13:55-15:55 MW, ONLINE BLENDED, Primarily Online; Yuying Liang ; 4 cr.

2032 General Microbiology With Laboratory

(A-F only; Prereq: One semester each of college chemistry, biology)
10283 001 LEC, 11:45-12:35 TTh, Twin Cities Remote, Completely Online; Patricia Goodman-Mamula, Dawn Foster Hartnett ; 5 cr.
10284 002 LAB, 09:15-11:15 TTh, ONLINE BLENDED, Partially Online; Dawn Foster Hartnett, Patricia Goodman-Mamula ; 5 cr.
10285 003 LAB, 13:00-15:00 TTh, ONLINE BLENDED, Partially Online; Dawn Foster Hartnett, Patricia Goodman-Mamula ; 5 cr.

Veterinary Clinical Sciences (VCS)**4606 Small Animal Management**

(A-F or Audit;)
10307 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Kristy Lashbaugh, Kristi Flynn ; 3 cr.

4992 Directed Readings in Veterinary

Clinical Sciences
(A-F only; Prereq: [One-page proposal, bibliography of works to be read] submitted to faculty)
10291 001 IND, 08:00-08:50 MWF, No Room Required, Independent/Directed Study; Jaime Modiano, Jong Hyuk Kim ; 1-6 cr.
10298 002 IND, 08:30-09:20 MWF, Twin Cities Remote, Completely Online; Erin Dickerson ; 1-6 cr.

4993 Directed Study in Veterinary Clinical Sciences

(A-F only; Prereq: One-page proposal submitted to faculty member)
10292 001 IND, 00:00-00:00 , Independent/Directed Study; Jaime Modiano, Jong Hyuk Kim ; 1-6 cr.

4994 Directed Research in Veterinary

Clinical Sciences
(A-F only; Prereq: One-page proposal submitted to faculty member)
10293 001 IND, 00:00-00:00 , Independent/Directed Study; Jaime Modiano, Jong Hyuk Kim ; 1-6 cr.

Veterinary Medicine, Graduate (VMED)**5165 Surveillance of Foodborne Diseases and Food Safety Hazards**

(Student Option; Prereq: [PUBH 5330, [professional school or grad student]] or instr consent)
10305 001 LEC, 15:30-17:30 M, Twin Cities Remote, Completely Online; Craig Hedberg, Scott Wells ; 2 cr.

5180 Ecology of Infectious Disease

(Student Option;)
10302 001 LEC, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 PUBH 6180; Tiffany Wolf, Gillian Tarr ; 3 cr.

5190 Seminar and Presentation Development

(S-N only; Prereq: Grad student)
10286 001 LEC, 13:00-15:00 T, ONLINE BLENDED, 13:00-15:00 T, Veterinary Science 145, Partially Online; Sandra Godden ; 2 cr.

5210 Advanced Large Animal Physiology I

(Student Option;)
10277 001 LEC, 00:00-00:00 , , In Person Term Based; Erin Malone ; 1-3 cr.

5240 Advanced Small Animal Pathobiology I

(A-F only; Prereq CVM grad student, [DVM or foreign equiv] degree.)
33052 001 LEC, 08:00-09:00 M, Twin Cities Remote, Completely Online; Ned Patterson ; 1 cr.

5295 Problems in Large Animal Clinical Medicine/Surgery and Theriogenology

(A-F or Audit; Prereq: VMed grad student, possess DVM)
10278 001 LEC, 08:00-09:00 W, Twin Cities Remote, Completely Online; Troy Trumble ; 1 cr.

5594 Research in Veterinary Medicine

(Student Option; Prereq: Jr, instr consent)
10294 001 LAB, 00:00-00:00 , , Independent/Directed Study; Ned Patterson ; 1-4 cr.
10303 002 LAB, 00:00-00:00 , , In Person Term Based; Mark Rutherford ; 1-4 cr.

5670 Bovine Surgery Practicum

(S-N only; Prereq: [VMed grad student, [DVM or equiv foreign degree]] or instr consent)
10287 001 LEC, 00:00-00:00 , , In Person Term Based; Erin Malone ; 2 cr.

5895 Veterinary Public Health Integrated Learning Experience

(S-N only;)
10449 001 IND, In Person Term Based; 1-3 cr.

5896 Application of Veterinary Public Health

(S-N only;)
10450 001 FWK, In Person Term Based; 0.5-6 cr.

5915 Essential Statistics for Life Sciences

(A-F or Audit;)
10493 001 LEC, 10:30-12:00 TTh, Twin Cities Remote, 10:30-12:00 TTh, Twin Cities Remote, Completely Online; Meets With: 001 CMB 5915; Aaron Rendahl ; 3 cr.

5989 Introduction to Applied Health Policy and Leadership

(Student Option No Audit; Prereq: Graduate or professional degree in-progress or completed.)
34930 001 DIS, Completely Online; Kaylee Myhre Errecaborde, Lauren Bernstein, Amy Pekol ; 1.5 cr.

5990 Veterinary Public Practice Seminar

(S-N only;)
10452 001 LEC, 12:00-13:00 F, Veterinary Science 215, In Person Term Based; Karin Hamilton ; 0.5 cr.

Veterinary Population Medicine (VPM)

1550 Introduction to the horse including care, handling, and recognizing behaviors

(Student Option;)
10299 001 LEC, Completely Online; Kelly Vallandingham ; 1 cr.

2020 Topics in Veterinary Population Medicine

(Student Option;)
34992 001 LEC, Completely Online; Anna Firshman ; 1-3 cr.
34993 002 LEC, Completely Online; Kaylee Myhre Errecaborde ; 1-3 cr.

2400 Managed Captive Wildlife (A-F or Audit;)

10372 001 LEC, 11:45-13:00 TTh, Biological Sciences Ctr 64, In Person Term Based; Michelle Willette ; 3 cr.

2451 Introductory Concepts in Raptor Rehabilitation (A-F only;)

33613 001 LEC, 19:00-20:30 T, Twin Cities Remote, Completely Online; Michelle Willette ; 1 cr.

3020 Topics in Veterinary Population Medicine (Student Option;)

34987 001 LEC, Completely Online; Jennifer van de Ligt, Debra Freedman ; 1-3 cr.
34990 002 LEC, Completely Online; Kaylee Myhre Errecaborde ; 1-3 cr.

3850W Health and Biodiversity

(A-F only; Prereq: At least one year of college Biology or equivalent ENV,WI)

10297 001 LEC, 13:55-15:50 T, Twin Cities Remote, Completely Online; Meggan Craft ; 3 cr.

Vienna Executive MBA (VMBA)**Water Resources Science (WRS)****Writing Studies (WRIT)****1001 Introduction to Technical Writing and Communication (A-F only;)**

13535 001 DIS, 13:00-14:15 TTh, Twin Cities Remote, Completely Online; Lee-Ann Breuch ; 3 cr.

1201 Writing Studio (A-F only;)

14991 002 DIS, 13:25-15:20 TTh, Twin Cities Remote, Completely Online; Corinth Matera ; 4 cr.
17269 003 DIS, 09:05-11:00 MW, Twin Cities Remote, Completely Online; Corinth Matera ; 4 cr.
17704 001 DIS, 09:05-11:00 TTh, Twin Cities Remote, Completely Online; Corinth Matera ; 4 cr.

1301 University Writing (A-F only;)

14992 015 DIS, 10:15-11:30 MW, Andrew Boss Laboratory 125, Partially Online; Matthew Kimlinger ; 4 cr.
14993 016 DIS, Completely Online; Robert Stratton ; 4 cr.
14995 020 DIS, Completely Online; Kyle Ripper ; 4 cr.
14996 021 DIS, Completely Online; Emily Schoenbeck ; 4 cr.
14997 023 DIS, Completely Online; Aaron Kapinos ; 4 cr.
14998 024 DIS, Completely Online; Sandesh Ghimire ; 4 cr.
14999 005 DIS, Completely Online; Nicole Montana ; 4 cr.
15000 026 DIS, Completely Online; Kerstin Tuttle ; 4 cr.
15001 027 DIS, Completely Online; Andrew Hamilton ; 4 cr.
15002 003 DIS, Completely Online; Nicole Montana ; 4 cr.
15003 029 DIS, Completely Online; Kaitlyn Sterr ; 4 cr.
15004 030 DIS, Completely Online; Rira Zamani ; 4 cr.
15005 031 DIS, Completely Online; Adam Burckard ; 4 cr.
15006 033 DIS, Completely Online; Karen Soto ; 4 cr.
15007 035 DIS, Completely Online; Tara Zahler ; 4 cr.
15008 036 DIS, Completely Online; Emily Jones ; 4 cr.
15009 037 DIS, Completely Online; Emma Kaiser ; 4 cr.
15010 038 DIS, Completely Online; Timothy Reynolds ; 4 cr.
15011 039 DIS, Completely Online; Asha Thanki ; 4 cr.
15012 040 DIS, Completely Online; torrin greathouse ; 4 cr.
15016 049 DIS, Completely Online; Scott Nelson ; 4 cr.
15017 050 DIS, Completely Online; Mark Anderson ; 4 cr.
15018 051 DIS, Completely Online; Treza Rosado ; 4 cr.
15019 043 DIS, Completely Online; Julia Richards ; 4 cr.

15020 053 DIS, Completely Online; Tim Gustafson ; 4 cr.
15021 007 DIS, Completely Online; Sarah Selz ; 4 cr.
15022 054 DIS, Completely Online; Mark Anderson ; 4 cr.
15023 057 DIS, Completely Online; Mark Anderson ; 4 cr.
15026 009 DIS, Completely Online; Anne Fretheim ; 4 cr.
15027 060 DIS, Completely Online; Matthew Buck ; 4 cr.
15029 063 DIS, Completely Online; Jessa Wood ; 4 cr.
15030 064 DIS, Completely Online; Treza Rosado ; 4 cr.
15031 067 DIS, Completely Online; Tara Zahler ; 4 cr.
15033 175 DIS, 00:00-00:00 , ONLINE, Completely Online; Treza Rosado ; 4 cr.
15321 066 DIS, Completely Online; Tim Gustafson ; 4 cr.
15386 028 DIS, Completely Online; Patrick Carthey ; 4 cr.
15542 025 DIS, Completely Online; Saïd Farah ; 4 cr.
15543 052 DIS, Completely Online; Tim Gustafson ; 4 cr.
15544 056 DIS, Completely Online; Mark Brenden ; 4 cr.
15790 047 DIS, Completely Online; Katrina Healey ; 4 cr.
16171 006 DIS, Completely Online; Nicole Montana ; 4 cr.
16371 058 DIS, Completely Online; Angelo Volpe ; 4 cr.
16419 045 DIS, Completely Online; Matthew Pockrus ; 4 cr.
16895 070 DIS, 08:15-09:30 TTh, Nicholson Hall 155, Partially Online; Patricia Fillipi ; 4 cr.
16896 174 DIS, 00:00-00:00 , ONLINE, Completely Online; Nicole Montana ; 4 cr.
16914 071 DIS, Completely Online; Megan Mills-Rittmann ; 4 cr.
17012 072 DIS, Completely Online; Sarah Chandler ; 4 cr.
17268 041 DIS, Completely Online; Tara Zahler ; 4 cr.
17275 042 DIS, Completely Online; Sruthi Narayanan ; 4 cr.
17276 055 DIS, Completely Online; James Countryman ; 4 cr.
17277 059 DIS, Completely Online; Jennifer Doane ; 4 cr.
17278 065 DIS, Completely Online; Melissa Cundieff-Pexa ; 4 cr.
17279 068 DIS, Completely Online; Sarah Chandler ; 4 cr.
17284 032 DIS, Completely Online; Tarik Dobbs ; 4 cr.
17285 034 DIS, Completely Online; Caleb Molstad ; 4 cr.
17706 001 DIS, Completely Online; Kimberley Strain ; 4 cr.
17707 002 DIS, Completely Online; Kimberley Strain ; 4 cr.
17915 176 DIS, 00:00-00:00 , ONLINE, Completely Online; Maureen Aitken ; 4 cr.
32996 062 DIS, Completely Online; Jax Kinniburgh ; 4 cr.
33018 004 DIS, Completely Online; Sarah Selz ; 4 cr.
33019 008 DIS, Completely Online; Anne Fretheim ; 4 cr.
33165 011 DIS, Completely Online; Cody Bursch ; 4 cr.
33166 012 DIS, Completely Online; Steven Blythe ; 4 cr.
33167 013 DIS, 11:45-12:35 MWF, Andrew Boss Laboratory 125, Partially Online; Matthew Kimlinger ; 4 cr.
33168 014 DIS, 12:50-13:40 MWF, Andrew Boss Laboratory 125, Partially Online; Matthew Kimlinger ; 4 cr.
33290 073 DIS, Completely Online; Angelo Volpe ; 4 cr.
33293 074 DIS, 11:15-12:30 TTh, Nicholson Hall 35, Partially Online; Patricia Fillipi ; 4 cr.
33295 075 DIS, Completely Online; Jax Kinniburgh ; 4 cr.
33296 076 DIS, Completely Online; Sarah Chandler ; 4 cr.
33297 077 DIS, Completely Online; James Countryman ; 4 cr.
33298 078 DIS, 13:00-14:15 TTh, Nicholson Hall 275, Partially Online; Patricia Fillipi ; 4 cr.
33299 079 DIS, Completely Online; Megan Mills-Rittmann ; 4 cr.
33300 080 DIS, Completely Online; James Countryman ; 4 cr.
33301 081 DIS, Completely Online; Megan Mills-Rittmann ; 4 cr.
33302 082 DIS, Completely Online; Jax Kinniburgh ; 4 cr.
33303 177 DIS, Completely Online; Maureen Aitken ; 4 cr.
33304 178 DIS, Completely Online; Maureen Aitken ; 4 cr.
33305 179 DIS, Completely Online; Vanessa Ramos ; 4 cr.
33348 180 DIS, Completely Online; Jenna Dreier ; 4 cr.
33350 181 DIS, Completely Online; Evelyn Dsouza ; 4 cr.
34330 083 DIS, Completely Online; Vanessa Ramos ; 4 cr.
34430 182 DIS, Completely Online; Emily Gresbrink ; 4 cr.
34636 183 DIS, Completely Online; Mikayla Davis ; 4 cr.
34637 184 DIS, Completely Online; Margaret Heesch ; 4 cr.
34739 186 DIS, Completely Online; Brigitte Mussack ; 4 cr.
34783 187 DIS, Completely Online; Vanessa Ramos ; 4 cr.
34784 188 DIS, Completely Online; Vanessa Ramos ; 4 cr.

1915W Arguing with Authority: The Past, Present, and Future of Higher Education (A-F only; CIV,WI)

33619 001 DIS, 16:00-18:30 T, Keller Hall 3-230, In Person Term Based; Patrick Bruch ; 3 cr.

1925W Magazines and New Media (A-F only; WI)

33720 001 DIS, Completely Online; Thomas Reynolds ; 3 cr.

3029W Business and Professional Writing (Student Option; WI)

15221 001 DIS, Completely Online; Donald Ross Jr ; 3 cr.
15318 002 DIS, Completely Online; Brigitte Mussack ; 3 cr.
17813 075 DIS, Completely Online; Nathan Bollig ; 3 cr.

3101W Writing Arguments (A-F or Audit; WI)

16867 001 DIS, Completely Online; Angelo Volpe ; 3 cr.

3102W Public Writing (A-F only; CIV,WI)

17635 002 DIS, Completely Online; Donald Ross Jr ; 3 cr.

3152W Writing on Issues of Science and Technology (A-F or Audit; WI)

14518 001 DIS, 14:30-15:45 TTh, Keller Hall 3-230, In Person Term Based; Capper Nichols ; 3 cr.

3221W Communication Modes and Methods (A-F only; WI)

15526 001 DIS, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Richard Graff ; 3 cr.

3257 Technical and Professional Presentations (Student Option No Audit;)

14151 001 LEC, 09:45-11:00 MW, Twin Cities Remote, Completely Online; Richard Graff ; 3 cr.

3291 Technical Communication Certificate Capstone Project (A-F only; Prereq: instr consent)

13557 001 IND, Independent/Directed Study; Barbara Horvath ; 1 cr.

3371W Technology, Self, and Society (A-F only; TS,WI)

16352 001 DIS, 11:15-12:30 TTh, Molecular Cellular Biol 3-120, In Person Term Based; Capper Nichols ; 3 cr.

3381W Writing and Modern Cultural Movements (A-F or Audit; AH,WI)

15527 001 DIS, Completely Online; Thomas Reynolds ; 3 cr.

3441 Editing, Critique, and Style (A-F only;)

15350 001 DIS, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Barbara Horvath ; 3 cr.

3562W Honors: Technical and Professional Writing (A-F only; WI)

16665 001 DIS, Completely Online; Meets With: 008 WRIT 3562W; Brigitte Mussack ; 4 cr.

3562W Technical and Professional Writing (A-F only; WI)

13536 006 DIS, 11:15-12:30 TTh, Twin Cities Remote, Completely Online; Joe Moses ; 4 cr.
13537 007 DIS, Completely Online; Jim Hall ; 4 cr.
13538 008 DIS, Completely Online; Meets With: 001 WRIT 3562W; Brigitte Mussack ; 4 cr.
13539 009 DIS, Completely Online; Brian Le Lay ; 4 cr.
13540 010 DIS, Completely Online; Katlyne Davis ; 4 cr.
13541 011 DIS, 09:45-11:00 TTh, Twin Cities Remote, Completely Online; Joe Moses ; 4 cr.
14483 013 DIS, 17:30-20:00 T, Twin Cities Remote, Completely Online; Joe Moses ; 4 cr.
14703 075 DIS, 00:00-00:00 , ONLINE, Completely Online; Danielle Stambler ; 4 cr.
14791 076 DIS, 00:00-00:00 , ONLINE, Completely Online; Eduardo Nevarez ; 4 cr.
15112 077 DIS, 00:00-00:00 , ONLINE, Completely Online; Jeremy Rosselot-Merritt ; 4 cr.
15408 078 DIS, 00:00-00:00 , ONLINE, Completely Online; Saveena Veeramoothoo ; 4 cr.
15758 079 DIS, 00:00-00:00 , ONLINE, Completely Online; Jacqueline James ; 4 cr.
15835 012 DIS, 16:40-19:10 M, Armory Building 116, In Person Term Based; Capper Nichols ; 4 cr.
15969 080 DIS, 00:00-00:00 , ONLINE, Completely Online; Cynthia Pope ; 4 cr.
16263 081 DIS, 00:00-00:00 , ONLINE, Completely Online; Cynthia Pope ; 4 cr.
16473 100 DIS, 00:00-00:00 , ONLINE, Completely Online; William West ; 4 cr.
16474 101 DIS, 00:00-00:00 , ONLINE, Completely Online; William West ; 4 cr.
16605 102 DIS, 00:00-00:00 , ONLINE, Completely Online; William West ; 4 cr.
17718 082 DIS, Completely Online; Cynthia Pope ; 4 cr.

3577W Rhetoric, Technology, and the Internet (A-F only; TS,WI)

16147 001 DIS, 09:45-11:00 TTh, Bruininks Hall 312, In Person Term Based; Ryan Wold ; 3 cr.

3671 Visual Rhetoric and Document Design

(A-F only ;)
14439 001 DIS, 14:30-15:45 T, Twin Cities Remote,
Completely Online; Brandi Fuglsby ; 3 cr.

3701W Rhetorical Theory for Writing Studies

(A-F only; Prereq: Soph or jr or sr or instr consentWI)
16585 001 DIS, 14:30-15:45 MW, Twin Cities Remote,
Completely Online; Rachel Presley ; 3 cr.

3751W Seminar: Theory and Practice of Writing Consultancy

(Student Option; Prereq: Currently working in a University writing center, instr consentWI)
16868 001 DIS, 16:00-17:15 TTh, Nicholson Hall 12, In Person Term Based; Kirsten Jansen ; 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)
17762 001 IND, Independent/Directed Study; Barbara Horvath ; 3 cr.

18063 002 IND, In Person Term Based; 3 cr.

3993 Directed Study

(Student Option; Prereq: instr consent, dept consent, college consent)
16444 001 IND, 00:00-00:00 , , Independent/Directed Study; ; 1-4 cr.

4501 Usability and Human Factors in Technical Communication

(A-F only ;)
31589 001 DIS, 16:00-18:30 M, Twin Cities Remote,
Completely Online; Nick Rosencrans ; 3 cr.

4662W Writing With Digital Technologies

(A-F only; Prereq: Jr or sr or instr consentWI)
17331 001 DIS, Completely Online; Daniel Card ; 3 cr.

4664W Science, Medical, and Health Writing

(A-F or Audit; WI)
33670 075 DIS, Completely Online; Meets With: 075 WRIT 5664; Molly Kessler ; 3 cr.

4995H Technical Writing and Communication Honors Thesis

(A-F only ;)
18085 001 IND, Independent/Directed Study; Brigitte Mussack ; 1 cr.
18257 002 IND, Independent/Directed Study; Lee-Ann Breuch ; 1 cr.
18273 003 IND, Independent/Directed Study; Thomas Reynolds ; 1 cr.

5001 Introduction to Graduate Studies in Scientific and Technical Communication

(A-F only ;)
16012 075 LEC, Completely Online; Laura Gurak ; 3 cr.

5051 Graduate Research Writing for International Students

(Student Option; Prereq: Grad student)
16587 002 LEC, Completely Online; Sheryl Holt ; 3 cr.

5196 Internship in Scientific and Technical Communication

(S-N or Audit ;)
15528 001 IND, 00:00-00:00 , No Room Required,
Independent/Directed Study; ; 3-6 cr.

5291 Independent Study, Reading, and Research

(Student Option; Prereq: instr consent, dept consent)
14680 001 IND, 00:00-00:00 , , Independent/Directed Study; Daniel Card ; 1-3 cr.
14681 002 IND, Independent/Directed Study; Sheryl Holt ; 1-3 cr.

5531 Introduction to Writing Theory and Pedagogy

(A-F or Audit; Prereq: Grad student)
17629 001 LEC, 14:30-17:00 W, Twin Cities Remote,
Completely Online; Amy Lee ; 3 cr.

5532 Writing Pedagogy Practicum

(S-N only; Prereq: Grad student)

33226 001 LEC, 14:30-16:10 M, Twin Cities Remote,
14:30-16:10 M, Twin Cities Remote, 14:30-16:10 M,
Twin Cities Remote, 14:30-16:10 M, Twin Cities Remote,
14:30-16:10 M, Twin Cities Remote, 14:30-16:10 M,
Twin Cities Remote, 14:30-16:10 M, Twin Cities Remote,
Completely Online; Kris Cory ; 1 cr.

33227 002 LEC, 14:30-16:10 M, Twin Cities Remote,
14:30-16:10 M, Twin Cities Remote, 14:30-16:10 M,
Twin Cities Remote, 14:30-16:10 M, Twin Cities Remote,
14:30-16:10 M, Twin Cities Remote, 14:30-16:10 M,
Twin Cities Remote, 14:30-16:10 M, Twin Cities Remote,
Completely Online; Kris Cory ; 1 cr.

5662 Writing With Digital Technologies

(A-F only ;)
17550 075 DIS, Completely Online; Daniel Card ; 3 cr.

5664 Science, Medical, and Health Writing

(A-F or Audit ;)
34476 075 DIS, Completely Online; Meets With: 075 WRIT 4664W; Molly Kessler ; 3 cr.

5776 The Rhetorical Tradition: Modern Era (A-F or Audit ;)

32971 001 LEC, 14:30-17:00 M, Twin Cities Remote,
Completely Online; Atila Hallsby ; 3 cr.

Youth Development and Research (YOST)**1001 Seeing Youth, Thinking Youth: Media, Popular Media, and Scholarship**

(Student Option; CIV)
12445 001 LEC, 13:30-14:45 TTh, Twin Cities Remote,
Completely Online; Nate Whittaker ; 3 cr.
12866 002 LEC, 08:15-09:30 TTh, Nicholson Hall 275, 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)
13052 001 LEC, Completely Online; Molly Rojas Collins ; 3 cr.
13081 002 LEC, 13:30-14:45 MW, Biological Sciences Ctr 64, In Person Term Based; Ezra Hyland ; 3 cr.
13143 003 LEC, Completely Online; Molly Rojas Collins ; 3 cr.
13154 004 LEC, 13:30-14:45 TTh, Biological Sciences Ctr 64, In Person Term Based; Ezra Hyland ; 3 cr.
13342 005 LEC, 09:45-11:00 TTh, Twin Cities Remote,
Completely Online; Molly Cooney ; 3 cr.

1368W Youth Global Perspectives: Arab and Muslim Voices

(Student Option; GP,WI,LITR)
13060 001 LEC, Completely Online; K.C. Harrison ; 4 cr.
13201 002 LEC, Completely Online; K.C. Harrison ; 4 cr.

2101 Urban Youth and Youth Issues

(Student Option; Prereq: 1001 or instr consentDSJ)
12603 001 LEC, 12:50-14:45 MW, Ruttan Hall B35, In Person Term Based; Ceema Samimi ; 4 cr.

3001 Introduction to History & Philosophy of Youthwork

(Student Option; Prereq: 2xxx or instr consent)
12940 001 LEC, 10:40-12:35 TTh, Ruttan Hall B25, 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])
13346 001 LEC, 08:30-10:25 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 YOST 5032;
Alexander Fink ; 4 cr.

3291 Independent Study in Youth Studies

(Student Option; Prereq: instr consent)
12512 001 IND, Independent/Directed Study; Katie Johnston-Goodstar ; 1-9 cr.
12586 002 IND, Independent/Directed Study; Ross VeLure Roholt ; 1-9 cr.
34497 004 IND, Independent/Directed Study; Saida Abdi ; 1-9 cr.

3325W Project-Based Writing For Education and Human Development Majors

(Student Option; Prereq: 60+ undergraduate credits, declared majorWI)

13203 001 DIS, 10:40-12:35 MW, Twin Cities Remote,
Completely Online; Molly Rojas Collins ; 4 cr.

4196 Youthwork Internship

(Student Option; Prereq: Declaration of youth studies major, instr consent)
12513 001 FWK, 12:50-14:45 M, ONLINE BLENDED,
12:50-14:45 W, Green Hall 110, Partially Online; Jessica Oliver-Tebben ; 4 cr.

4316 Media and Youth: Learning, Teaching, and Doing

(Student Option; Prereq: 1001 or 2101 or instr consent)
33315 001 LEC, 15:00-16:55 W, Twin Cities Remote,
Completely Online; Meets With: 001 YOST 5316; Basanti Miller ; 2 cr.

4325 Improving Everyday Youthwork: Practical Program Evaluation

(Student Option; Prereq: [[1001 or 2101], 3234] or instr consent)
12691 001 LEC, 08:45-10:00 MW, Twin Cities Remote,
Completely Online; Katlin Okamoto ; 3 cr.

4401W Young People's Spirituality and Youthwork: An Introduction

(Student Option; Prereq: 1001 or 2002W or instr consentWI)
33317 001 LEC, 15:00-16:55 TTh, Biological Sciences Ctr 64, In Person Term Based; Meets With: 001 YOST 5401; John Marboe ; 4 cr.

5032 Adolescent and Youth Development for Youthworkers

(Student Option; Prereq: [1001 or 2001 or 2002W or 2101], [any Psych or CPsy course])
13347 001 LEC, 08:30-10:25 TTh, Twin Cities Remote,
Completely Online; Meets With: 001 YOST 3032;
Alexander Fink ; 4 cr.

5291 Independent Study in Youth Studies

(Student Option ;)
12089 001 IND, Independent/Directed Study; Katie Johnston-Goodstar ; 1-8 cr.
12628 002 IND, Independent/Directed Study; Ross VeLure Roholt ; 1-8 cr.

5316 Media & Youth: Learning, Teaching, and Doing

(Student Option; Prereq: 1001 or 2101 or instr consent)
33316 001 LEC, 15:00-16:55 W, Twin Cities Remote,
Completely Online; Meets With: 001 YOST 4316; Basanti Miller ; 2 cr.

5401 Young People's Spirituality and Youthwork: an Introduction

(A-F or Audit; Prereq: [2001, one course each in [Anth, Soc, CPsy]] or instr consent)
33318 001 LEC, 15:00-16:55 TTh, Biological Sciences Ctr 64, In Person Term Based; Meets With: 001 YOST 4401W; John Marboe ; 4 cr.

5952 Everyday Lives of Youth

(A-F or Audit ;)
12734 001 DIS, 18:00-20:45 M, Twin Cities Remote,
Completely Online; Ross VeLure Roholt ; 3 cr.

5956 Organizational Approaches to Youth Development

(A-F or Audit ;)
12735 001 DIS, 18:00-20:45 T, McNeal Hall 33, In Person Term Based; Jennifer Skuza ; 3 cr.

5960 Seminar in Youth Development Leadership

(S-N or Audit; Prereq: YDL student or instr consent)
12736 002 LEC, In Person Term Based; Ross VeLure Roholt ; 1 cr.
12767 001 LEC, In Person Term Based; Ross VeLure Roholt ; 1 cr.
12768 003 LEC, In Person Term Based; Ross VeLure Roholt ; 1 cr.
12769 004 LEC, In Person Term Based; Ross VeLure Roholt ; 1 cr.
12994 005 LEC, In Person Term Based; Ross VeLure Roholt ; 1 cr.

5962 Leadership Field Experience: Youth Development

(S-N only; Prereq: YDL student)
12737 001 FWK, In Person Term Based; Deborah Moore ; 4 cr.