

Accounting (ACCT)**2001 Principles of Financial Accounting****(A-F only; Prereq: Minimum 15 credits or college consent)**

- 63918 001 LEC, Completely Online; Meets With: 002 ACCT 2001; Loren Erickson ; 3 cr.
- 63919 003 LEC, 14:00-14:50 MWF, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 004 ACCT 2001; Loren Erickson ; 3 cr.
- 63920 005 LEC, 9:30-10:45 TTh, Labovitz Schl Bus & Econ 125, In Person Term Based; Meets With: 006 ACCT 2001; Karen Salmela ; 3 cr.
- 63957 002 LEC, Completely Online; Meets With: 001 ACCT 2001; Loren Erickson ; 3 cr.
- 63958 004 LEC, 14:00-14:50 MWF, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 003 ACCT 2001; Loren Erickson ; 3 cr.
- 63959 006 LEC, 9:30-10:45 TTh, Labovitz Schl Bus & Econ 125, In Person Term Based; Meets With: 005 ACCT 2001; Karen Salmela ; 3 cr.
- 63982 007 LEC, 9:00- 9:50 MWF, Labovitz Schl Bus & Econ 125, In Person Term Based; Meets With: 008 ACCT 2001; Loren Erickson ; 3 cr.
- 63983 008 LEC, 9:00- 9:50 MWF, Labovitz Schl Bus & Econ 125, In Person Term Based; Meets With: 007 ACCT 2001; Loren Erickson ; 3 cr.
- 70012 009 LEC, 18:00-20:40 M, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 010 ACCT 2001; Erica Henkel ; 3 cr.
- 70013 010 LEC, 18:00-20:40 M, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 009 ACCT 2001; Erica Henkel ; 3 cr.

2002 Principles of Managerial Accounting**(A-F only; Prereq: 2001, LSBE student or college consent)**

- 63921 001 LEC, Completely Online; Janet Jones ; 3 cr.
- 63922 002 LEC, 18:00-20:40 W, Labovitz Schl Bus & Econ 129, In Person Term Based; Ruwan Adikaram ; 3 cr.
- 63923 003 LEC, 10:00-10:50 MWF, Labovitz Schl Bus & Econ 125, In Person Term Based; Ruwan Adikaram ; 3 cr.
- 63924 004 LEC, 12:00-12:50 MWF, Labovitz Schl Bus & Econ 125, In Person Term Based; Ruwan Adikaram ; 3 cr.
- 63925 005 LEC, 12:30-13:45 TTh, Labovitz Schl Bus & Econ 129, In Person Term Based; Karen Salmela ; 3 cr.
- 64919 006 LEC, 15:30-16:45 TTh, Labovitz Schl Bus & Econ 129, In Person Term Based; Karen Salmela ; 3 cr.

3001 Technology Tools in Accounting**(A-F only; Prereq: LSBE candidate)**

- 64045 001 LEC, 13:00-13:50 W, Labovitz Schl Bus & Econ 237, In Person Term Based; Loren Erickson ; 1 cr.
- 64060 002 LEC, 15:30-16:20 Th, Labovitz Schl Bus & Econ 237, In Person Term Based; Loren Erickson ; 1 cr.

3101 Intermediate Accounting I**(A-F only; Prereq: LSBE candidate or non-LSBE accounting minor or college consent)**

- 63978 001 LEC, 16:00-17:15 MW, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 002 ACCT 3101; Daniel Hsiao ; 3 cr.
- 63979 002 LEC, 16:00-17:15 MW, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 001 ACCT 3101; Daniel Hsiao ; 3 cr.

3102 Intermediate Accounting II**(A-F only; Prereq: A grade of C or better in 3101, LSBE candidate or non-LSBE accounting minor or college consent)**

- 63917 001 LEC, 8:00- 9:15 TTh, Labovitz Schl Bus & Econ 125, In Person Term Based; Meets With: 002 ACCT 3102; Charles Reichert ; 3 cr.
- 63960 002 LEC, 8:00- 9:15 TTh, Labovitz Schl Bus & Econ 125, In Person Term Based; Meets With: 001 ACCT 3102; Charles Reichert ; 3 cr.
- 64042 003 LEC, 11:00-12:15 TTh, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 004 ACCT 3102; Charles Reichert ; 3 cr.
- 64043 004 LEC, 11:00-12:15 TTh, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 003 ACCT 3102; Charles Reichert ; 3 cr.

3201 Cost Accounting**(A-F only; Prereq: LSBE candidate or non-LSBE accounting minor or college consent)**

- 63934 001 LEC, 8:00- 9:15 TTh, Labovitz Schl Bus & Econ 229, In Person Term Based; Meets With: 002 ACCT 3201; Rodger Brannan ; 3 cr.
- 63961 002 LEC, 8:00- 9:15 TTh, Labovitz Schl Bus & Econ 229, In Person Term Based; Meets With: 001 ACCT 3201; Rodger Brannan ; 3 cr.

3301 Accounting Information Systems**(A-F only; Prereq: LSBE candidate or non-LSBE accounting minor or college consent; credit will not be granted if already received for 3110.)**

- 63972 001 LEC, 10:00-10:50 MWF, Labovitz Schl Bus & Econ 237, In Person Term Based; Meets With: 002 ACCT 3301; Daniel Hsiao ; 3 cr.
- 63973 002 LEC, 10:00-10:50 MWF, Labovitz Schl Bus & Econ 237, In Person Term Based; Meets With: 001 ACCT 3301; Daniel Hsiao ; 3 cr.
- 64076 003 LEC, 11:00-11:50 MWF, Labovitz Schl Bus & Econ 237, In Person Term Based; Meets With: 004 ACCT 3301; Daniel Hsiao ; 3 cr.
- 64077 004 LEC, 11:00-11:50 MWF, Labovitz Schl Bus & Econ 237, In Person Term Based; Meets With: 003 ACCT 3301; Daniel Hsiao ; 3 cr.

3401 Individual Income Taxation**(A-F only; Prereq: Credit will not be granted if already received for ACCT 3152 or 4152; LSBE candidate or approved non-LSBE accounting minor or college consent)**

- 64030 001 LEC, 14:00-15:15 TTh, Labovitz Schl Bus & Econ 229, In Person Term Based; Meets With: 002 ACCT 3401; Randy Skalberg ; 3 cr.
- 64032 002 LEC, 14:00-15:15 TTh, Labovitz Schl Bus & Econ 229, In Person Term Based; Meets With: 001 ACCT 3401; Randy Skalberg ; 3 cr.

3705 Volunteer Income Tax Assistance**(S-N only; Prereq: department consent, 2 credit first registration, 1 credit repeat; credit will not be granted if already received for 3096)**

- 64050 001 FWK, 17:00-19:40 TTh, Labovitz Schl Bus & Econ 135, Independent/Directed Study; Charles Reichert ; 1-2 cr.

3796 Internship in Accounting**(A-F only; Prereq: LSBE Candidate, prior major coursework, consent of Internship Director)**

- 63952 001 FWK, Independent/Directed Study; Angie Soderberg ; 1-6 cr.

3991 Independent Study**(A-F only; Prereq: BAc candidate with 80 cr, department consent; credit not available as accounting elective; may take ACCT 3191 and 3991 for a total of 3 credits.)**

- 63950 001 IND, 00:00-00:00 , Independent/Directed Study; Randy Skalberg ; 1-3 cr.

4101 Auditing**(A-F only; Prereq: 3102, 3110 or 3301, LSBE candidate or college consent; no grad credit; credit will not be granted if already received for 4160.)**

- 64054 001 LEC, 9:00- 9:50 MWF, Labovitz Schl Bus & Econ 129, In Person Term Based; Janet Jones ; 3 cr.
- 64101 002 LEC, 10:00-10:50 MWF, Labovitz Schl Bus & Econ 129, In Person Term Based; Janet Jones ; 3 cr.

4505 International Accounting**(A-F only; Prereq: 3102, LSBE candidate or college consent)**

- 64051 001 LEC, 11:00-12:15 TTh, Labovitz Schl Bus & Econ 229, In Person Term Based; Rodger Brannan ; 3 cr.

Aerospace Studies (AIR)**100 AFROTC GMC Leadership Laboratory****(S-N or Audit;)**

- 62957 001 LAB, 6:15- 7:45 Th, Room TBA, In Person Term Based; Meets With: 001 AIR 1000001 AIR 3001; Karl Huber, Benjamin Shafer ; 0 cr.

1000 AFROTC GMC Lead Lab**(S-N or Audit;)**

- 63063 001 LAB, 6:15- 7:45 Th, Room TBA, In Person Term Based; Meets With: 001 AIR 100001 AIR 3001; Karl Huber, Benjamin Shafer ; 1 cr.

1102 Foundations of the U.S. Air Force**(A-F or Audit;)**

- 62711 001 LEC, 7:00- 7:50 T, Darland Admin Bldg 16A, In Person Term Based; Karl Huber, Benjamin Shafer ; 1 cr.
- 63299 002 LEC, 8:00- 8:50 T, Darland Admin Bldg 16A, In Person Term Based; Bryan Graddy, Karl Huber, Benjamin Shafer ; 1 cr.

1591 Leadership Practicum**(A-F or Audit;)**

- 62714 001 FWK, 00:00-00:00 , Room TBA, Independent/ Directed Study; Karl Huber ; 1-4 cr.

2102 The Evolution of the U.S. Air Force Air and Space Power**(A-F or Audit;)**

- 62713 001 LEC, 7:00- 7:50 W, Darland Admin Bldg 16A, In Person Term Based; Karl Huber, Benjamin Shafer ; 1 cr.

3001 AFROTC POC Lead Lab**(S-N or Audit;)**

- 63064 001 LAB, 6:15- 7:45 Th, Room TBA, In Person Term Based; Meets With: 001 AIR 100001 AIR 1000; Karl Huber, Benjamin Shafer ; 2 cr.

3102 Air Force Leadership Studies**(A-F or Audit;)**

- 62716 001 LEC, 17:15-19:45 W, Darland Admin Bldg 16A, In Person Term Based; Bryan Graddy, Benjamin Shafer ; 3 cr.

3591 Leadership Practicum**(A-F or Audit;)**

- 62715 001 FWK, 00:00-00:00 , Room TBA, Independent/ Directed Study; Karl Huber ; 1-4 cr.

4102 National Security Affairs, Preparation for Active Duty**(A-F or Audit; Prereq: No grad credit)**

- 62717 001 LEC, 13:00-13:50 W, Darland Admin Bldg 16A, 12:30-14:30 T, Darland Admin Bldg 16A, In Person Term Based; Benjamin Shafer, Karl Huber ; 3 cr.

African & African American Std (AAAS)**1103 Introduction to Africa****(A-F or Audit; Prereq: Credit will not be granted if already received for AAAS 1100.GLOBAL PER)**

- 62375 001 LEC, 17:00-18:15 TTh, Humanities Building 314, In Person Term Based; Meets With: 001 EDUC 1103; Chang'aa Mweti ; 3 cr.

3091 Independent Study**(A-F only; Prereq: instructor consent)**

- 70528 002 IND, Independent/Directed Study; David Woodward ; 1-3 cr.

American Indian Studies (AMIN)**1020 American Indian Experiences: 1900-present****(A-F only; Prereq: Credit will not be granted if already received for 1120.HUMANITIES,CDIVERSITY)**

- 62199 001 LEC, 11:00-11:50 MWF, Ed Endazhigikino'amaading 16, In Person Term Based; Jill Doerfler ; 3 cr.
- 62316 002 LEC, 12:00-12:50 MWF, Ed Endazhigikino'amaading 16, In Person Term Based; Jill Doerfler ; 3 cr.

1104 Beginning Ojibwe II**(A-F only; Prereq: 1103 or instructor consent/COMM & LAN)**

- 62196 001 LEC, 15:30-16:45 TTh, Room TBA, In Person Term Based; Daniel Jones ; 3 cr.

2104 Intermediate Ojibwe II**(A-F only; Prereq: 2103 or instructor consent; credit will not be granted if already received for 2204.COMM & LAN)**

- 62350 001 LEC, 15:30-16:45 TTh, Room TBA, In Person Term Based; Daniel Jones ; 3 cr.

2605 Survey of American Indian Arts**(A-F only; Prereq: Credit will not be granted if already received for 2105.FINE ARTS,CDIVERSITY)**

- 62251 001 LEC, 14:00-15:15 TTh, Cina Hall 102, In Person Term Based; Linda Grover ; 3 cr.

3230 American Indian Tribal Government and Law**(A-F or Audit; Prereq: minimum 30 credits/CDIVERSITY,SOC SCI)**

- 62505 001 LEC, Completely Online; Joseph Bauerkemper ; 3 cr.

3393 Projects in American Indian Studies**(A-F only; Prereq: instructor consent; maximum 10 credits)**

- 62200 001 IND, Independent/Directed Study; Joseph Bauerkemper ; 1-5 cr.
- 62501 002 IND, Independent/Directed Study; Jill Doerfler ; 1-5 cr.
- 62502 003 IND, Independent/Directed Study; Linda Grover ; 1-5 cr.

62503 004 IND, Independent/Directed Study; Tadd Johnson ; 1-5 cr.
65685 006 IND, Independent/Directed Study; Rebecca Webster ; 1-5 cr.

3660 American Indian Novel

(A-F or Audit; CDIVERSITY,HUMANITIES)
62445 001 LEC, 9:30-10:45 TTh, Cina Hall 224, In Person Term Based; Linda Grover ; 3 cr.

3997 Internship in American Indian Studies

(A-F only; Prereq: instructor consent)
62201 001 FWK, Independent/Directed Study; Joseph Bauerkemper ; 4-8 cr.
62506 002 FWK, Independent/Directed Study; Jill Doerfler ; 4-8 cr.
62507 003 FWK, Independent/Directed Study; Linda Grover ; 4-8 cr.
62508 004 FWK, Independent/Directed Study; Tadd Johnson ; 4-8 cr.
65687 006 FWK, Independent/Directed Study; Rebecca Webster ; 4-8 cr.

4191 Senior Study of Ojibwe Language

(A-F only; Prereq: 1103, instructor consent; no grad credit; a total of 12 credits may be taken between AMIN 4191 and AMIN 4302)
62447 001 IND, Independent/Directed Study; 1-6 cr.

4230 Introduction to Federal Indian Law

(A-F only; Prereq: minimum 60 credits; credit will not be granted if already received for AMIN 3333; no grad credit(CDIVERSITY,SOC SCI)
62510 001 LEC, Completely Online; Rebecca Webster ; 3 cr.

4990 Directed Research

(A-F only; Prereq: instructor consent, max 8 credits to grad program)
62202 001 IND, Independent/Directed Study; Joseph Bauerkemper ; 1-6 cr.
62496 002 IND, Independent/Directed Study; Jill Doerfler ; 1-6 cr.
62497 003 IND, Independent/Directed Study; Linda Grover ; 1-6 cr.
62498 004 IND, Independent/Directed Study; Tadd Johnson ; 1-6 cr.
62499 005 IND, Independent/Directed Study; 1-6 cr.
65686 006 IND, Independent/Directed Study; Rebecca Webster ; 1-6 cr.

American Sign Language (ASL)

2001 Beginning American Sign Language I

(A-F or Audit; Prereq: Credit will not be granted if already received for CSD 2001.COMM & LAN)
61742 001 LEC, 11:00-11:50 MWF, Ed Endazhigikino'amaading 51, In Person Term Based; Joanne Coffin-Langdon ; 3 cr.
61743 002 LEC, 13:00-13:50 MWF, Ed Endazhigikino'amaading 51, In Person Term Based; Nancy Diener ; 3 cr.
61862 004 LEC, 15:30-16:45 TTh, Ed Endazhigikino'amaading 51, In Person Term Based; Sunny Brysch ; 3 cr.
61863 005 LEC, 18:00-20:40 T, Montague Hall 151, In Person Term Based; Sunny Brysch ; 3 cr.
65595 006 LEC, 10:00-10:50 MWF, Ed Endazhigikino'amaading 51, In Person Term Based; Joanne Coffin-Langdon ; 3 cr.

2002 Beginning American Sign Language II

(A-F or Audit; Prereq: 2001 or instructor consent; credit will not be granted if already received for CSD 2002COMM & LAN)
61521 001 LEC, 9:00- 9:50 MWF, Ed Endazhigikino'amaading 51, In Person Term Based; Sunny Brysch ; 3 cr.
61704 002 LEC, 10:00-10:50 MWF, Ed Endazhigikino'amaading 32, In Person Term Based; Sunny Brysch ; 3 cr.
61731 003 LEC, 14:00-14:50 MWF, Ed Endazhigikino'amaading 36, In Person Term Based; Sunny Brysch ; 3 cr.

3003 Intermediate American Sign Language I

(A-F or Audit; Prereq: 2002 or instructor consent; credit will not be granted if already received for CSD 5003COMM & LAN)
61761 001 LEC, 15:00-15:50 MWF, Ed Endazhigikino'amaading 50, In Person Term Based; Nancy Diener ; 3 cr.

3004 Intermediate American Sign

Language II
(A-F or Audit; Prereq: 3003 or instructor consent; credit will not be granted if already received for CSD 5004COMM & LAN)

61724 001 LEC, 11:00-11:50 MWF, Ed Endazhigikino'amaading 17, In Person Term Based; Nancy Diener ; 3 cr.
61865 002 LEC, 18:00-20:40 M, Montague Hall 239, In Person Term Based; Nancy Diener ; 3 cr.

4005 Advanced American Sign Language

(A-F or Audit; Prereq: 3004 or instructor consent; no grad credit; credit will not be granted if already received for CSD 4005COMM & LAN)
61809 001 LEC, 15:00-15:50 MWF, Ed Endazhigikino'amaading 51, In Person Term Based; Joanne Coffin-Langdon ; 3 cr.

4100 Linguistics of American Sign Language

(A-F only; Prereq: 3004 or instructor consent, no grad credit)
61906 001 LEC, 15:30-16:45 TTh, Ed Endazhigikino'amaading 32, In Person Term Based; Nancy Diener ; 3 cr.

4110 Deaf Culture

(A-F only; Prereq: 3004 or instructor consent, no grad credit)
61734 001 LEC, 18:00-20:40 M, Ed Endazhigikino'amaading 51, In Person Term Based; Joanne Coffin-Langdon ; 3 cr.

4298 American Sign Language Skill

Building Workshop
(A-F or Audit; Prereq: 2002 or instructor consent, no grad credit)
61744 001 LEC, 16:00-16:50 M, Ed Endazhigikino'amaading 51, In Person Term Based; Nancy Diener ; 1 cr.

Anthropology (ANTH)

1602 Biological Anthropology and Archaeology

(A-F or Audit; SOC SCI)
65648 550 LEC, 14:00-15:50 MW, Cina Hall 214, In Person Term Based; Jennifer Jones ; 4 cr.

1604 Cultural Anthropology

(A-F or Audit; GLOBAL PER,SOC SCI)
62421 001 LEC, 14:00-15:50 W, Humanities Building 314, Partially Online; Mitra Emad ; 4 cr.

1620 Introduction to Public Culture: Citizenship, Science, and Culture

(A-F or Audit; GLOBAL PER)
65649 001 LEC, 10:00-11:50 MW, Humanities Building 484, In Person Term Based; Kathryn Milun ; 4 cr.

2001 Career Development in Anthropology

(A-F only;)
62455 001 LEC, 9:00- 9:50 MW, Bohannon Hall 112, In Person Term Based; Jennifer Jones ; 2 cr.

3156 Digital and Participatory Research Methods

(A-F or Audit; Prereq: minimum 30 credits)
67111 001 LAB, 12:00-13:50 MW, Cina Hall 214, In Person Term Based; David Syring ; 4 cr.

3300 Energy, Culture and Society

(A-F or Audit; Prereq: minimum 30 creditsGLOBAL PER)
65650 001 DIS, 14:00-15:50 MW, Bohannon Hall 343, In Person Term Based; Kathryn Milun ; 4 cr.

3624 Archaeology of North America

(A-F or Audit; Prereq: minimum 30 credits)
65651 001 LEC, 14:00-15:15 TTh, Cina Hall 214, In Person Term Based; Jennifer Jones ; 3 cr.

3635 Peoples and Cultures of Europe

(A-F or Audit; Prereq: minimum 30 credits)
62557 001 LEC, 12:00-13:15 TTh, Cina Hall 214, In Person Term Based; Tim Roufs ; 3 cr.

3691 Independent Study in Anthropology

(A-F only; Prereq: preferred minimum 30 credits, instructor consent)

62346 001 IND, Independent/Directed Study; ; 1-5 cr.

3888 Anthropology of Food

(A-F only; Prereq: minimum 30 creditsSUSTAIN)
62366 001 LEC, 9:00-10:15 TTh, Cina Hall 214, In Person Term Based; Tim Roufs ; 3 cr.

4621 Myth and Sacred Symbols

(A-F or Audit; Prereq: 1604, min 60 cr)
65653 001 LEC, 10:00-11:15 MW, Cina Hall 214, In Person Term Based; David Syring ; 3 cr.

4653 Senior Seminar

(A-F or Audit; Prereq: minimum 90 credits or instructor consent; no grad credit)
62174 001 LEC, 16:00-17:15 MW, Cina Hall 214, In Person Term Based; Tim Roufs ; 3 cr.

4691 Independent Study in Anthropology

(A-F only; Prereq: Preferred minimum 60 credits, instructor consent, no grad credit)
62187 001 IND, Independent/Directed Study; ; 1-5 cr.

4697 Anthropology Internship

(S-N only; Prereq: preferred minimum 60 credits, instructor consent, no grad credit)
62235 001 FWK, Independent/Directed Study; ; 2-6 cr.

4699 Honors Project

(A-F only; Prereq: instructor consent; no grad credit)
62206 001 IND, Independent/Directed Study; ; 2-4 cr.

4910 Teaching Assistantship in Anthropology

(A-F only; Prereq: Minimum 60 credits and instructor consent, no grad credit; maximum 3 credits between ANTH 4997 and 4910)
62232 001 FWK, Independent/Directed Study; ; 1-3 cr.

4985 Critical Animal Studies

(A-F or Audit; Prereq: minimum 30 credits earned or instructor consent; no grad credit)
65654 001 LEC, 12:00-13:50 MW, Cina Hall 308, In Person Term Based; Meets With: 001 SOC 4985; Emily Gaarder ; 4 cr.

Art (ART)

901 Graphic Design Portfolio Review

(S-N or Audit; Prereq: (repeatable one time), 9 credits in art courses, pre-graphic design major or pre-graphic design and marketing major or department consent)
64290 001 DIS, In Person Term Based; Matt Olin ; 0 cr.

902 Studio Art Portfolio Review

(S-N only; Prereq: 15 credits in art courses, pre-studio art major or department consent)
64731 001 DIS, In Person Term Based; David Bowen ; 0 cr.

903 Art Education Portfolio Review

(S-N or Audit; Prereq: (repeatable one time), 9 credits in art courses, pre-art education major or department consent)
64312 001 DIS, In Person Term Based; Alison Aune ; 0 cr.

1002 Introduction to Art

(A-F or Audit; Prereq: Not for art majors or minors except those in art historyFINE ARTS)
64739 001 LEC, 8:00- 9:40 MW, A B Anderson Hall 125, In Person Term Based; Robin Murphy ; 3 cr.
66823 002 LEC, 12:00-13:40 TTh, A B Anderson Hall 125, In Person Term Based; Jeffrey Kalstrom ; 3 cr.

1003 Introduction to Design

(A-F or Audit; FINE ARTS)
64378 001 LEC, Completely Online; Rob Wittig ; 3 cr.

1004 Sustainable Visual Culture Practices

(A-F or Audit; SUSTAIN)
64778 001 DIS, Completely Online; Cecilia Ramon ; 3 cr.

1010 Drawing I

(A-F or Audit; Prereq: Art or art education major or Theatre BFA Scenic Design or Costume Design or art minor or Graphic Design and Marketing or instructor consent)
64306 001 LEC, 10:00-11:55 MW, A B Anderson Hall 325, In Person Term Based; Jayme Christine ; 3 cr.
64362 002 LEC, 12:00-13:55 MW, A B Anderson Hall 325, In Person Term Based; Jayme Christine ; 3 cr.
64369 003 LEC, 14:00-15:55 MW, A B Anderson Hall 325, In Person Term Based; Darren Houser ; 3 cr.

66814 004 LEC, 12:00-13:55 TTh, A B Anderson Hall 325, In Person Term Based; Jayme Christine ; 3 cr.

1011 2-D Design

(A-F or Audit; Prereq: Art or art education major or pre GDM BFA, or GDM BFA or pre MGD BBA or MGD BBA or art minor or instructor consent; credit will not be granted if already received for ART 1002)

64291 001 LEC, 10:00-11:55 MW, A B Anderson Hall 125, In Person Term Based; Robin Murphy ; 3 cr.
64521 002 LEC, 12:00-13:55 MW, A B Anderson Hall 125, In Person Term Based; Darren Houser ; 3 cr.
64527 003 LEC, 10:00-11:55 TTh, A B Anderson Hall 125, In Person Term Based; Jeffrey Kalstrom ; 3 cr.
64777 004 LEC, 14:00-15:55 TTh, A B Anderson Hall 125, In Person Term Based; Jeffrey Kalstrom ; 3 cr.

1012 3-D Design

(A-F or Audit; Prereq: Art or art education major or architecture and design studies minor or instructor consent)

64338 001 LEC, 14:00-15:55 MW, A B Anderson Hall 135, In Person Term Based; Robin Murphy ; 3 cr.
64746 002 LEC, 10:00-11:55 TTh, A B Anderson Hall 135, In Person Term Based; Eun-Kyung Suh ; 3 cr.
64786 003 LEC, 12:00-13:55 TTh, A B Anderson Hall 135, In Person Term Based; Eun-Kyung Suh ; 3 cr.
66815 004 LEC, 10:00-11:55 MW, A B Anderson Hall 145, In Person Term Based; David Bowen ; 3 cr.

1013 2-D Digital Design

(A-F or Audit; Prereq: Art or art education major or pre GDM BFA or GDM BFA or pre MGD BBA or MGD BBA or GIS major or Journalism major or art minor or photography minor or arts in media minor or instructor consent. Laptop required; digital instruction presented only on the Mac platform.)

64282 001 LEC, 12:00-13:55 MW, Montague Hall 108, In Person Term Based; Kristen Pless ; 3 cr.
64305 002 LEC, 14:00-15:55 MW, Montague Hall 108, In Person Term Based; Kristen Pless ; 3 cr.
64379 003 LEC, 8:00- 9:55 TTh, Montague Hall 108, In Person Term Based; Betsy Hunt ; 3 cr.
64756 004 LEC, 12:00-13:55 TTh, Montague Hall 108, In Person Term Based; Betsy Hunt ; 3 cr.

1305 Social Multiples: Availability and Circulation

(A-F or Audit; FINE ARTS)

66821 001 LEC, 12:00-13:55 TTh, Humanities Building 332, In Person Term Based; Darren Houser ; 3 cr.

1405 Fundamentals of Ceramics I

(A-F or Audit; Prereq: Not for art majors or minors FINE ARTS)

64751 001 LEC, 16:00-19:50 W, A B Anderson Hall 155, In Person Term Based; Meets With: 001 ART 3405; Elizabeth James ; 3 cr.

1605 Fundamentals of Photography

(A-F or Audit; Prereq: Not for art majors or minors FINE ARTS)

66828 001 LEC, 17:00-20:50 M, Cina Hall 16, In Person Term Based; Wanda Peary ; 3 cr.

1814 Creating Across Cultures

(A-F or Audit; Prereq: Credit will not be granted if already received for 2814 FINE ARTS, CDIVERSITY)

64297 001 LEC, Completely Online; Cecilia Ramon ; 3 cr.

1900 Visual Literacy

(A-F or Audit; Prereq: Credit will not be granted if already received for 2900 FINE ARTS)

64321 001 LEC, 9:30-10:45 TTh, Humanities Building 314, In Person Term Based; James Klueg ; 3 cr.

2014 3-D Digital Studio I

(A-F or Audit; Prereq: 1013, art or art education major, pre-art education major or pre-graphic design major, or art minor or architecture and design studies minor or instructor consent; credit will not be granted if already received for 1014 or 3014)

64788 001 LAB, 10:00-11:55 MW, Kirby Plaza 143, In Person Term Based; Eun-Kyung Suh ; 3 cr.

2016 Digital Arts: Mixed-Media Studio

(A-F or Audit; Prereq: 1013, art or art education major, pre-art education major or pre-graphic design major, or art or photography minor or instructor consent; credit will not be granted if already received for 3016)

64255 001 LEC, 12:00-13:55 TTh, A B Anderson Hall 335, In Person Term Based; Joellyn Rock ; 3 cr.
64736 002 LEC, 10:00-11:55 TTh, A B Anderson Hall 335, In Person Term Based; Joellyn Rock ; 3 cr.

2030 Digital Arts: Time-based Media

(A-F or Audit; Prereq: 1013, art or art related majors or minors or instructor consent; credit will not be granted if already received for 3030)

64373 001 LEC, 12:00-13:55 MW, A B Anderson Hall 335, In Person Term Based; Betsy Hunt ; 3 cr.

2100 Painting I

(A-F or Audit; Prereq: 1006 or 1009 or 1010, 1011, art or art education major or art minor or instructor consent; credit will not be granted if already received for 1100)

64129 001 LEC, 14:00-15:55 MW, Humanities Building 318, In Person Term Based; Ryuta Nakajima ; 3 cr.

2200 Sculpture I

(A-F or Audit; Prereq: 1015 or 1012, art or art education major or art minor or instructor consent; credit will not be granted if already received for 1200)

64339 001 LEC, 10:00-11:55 TTh, A B Anderson Hall 145, In Person Term Based; David Bowen ; 3 cr.

2300 Printmaking I: Intaglio, Relief

(A-F or Audit; Prereq: 1006 or 1009 or 1010, 1011, art or art education major or art minor or instructor consent)

64697 001 LEC, 10:00-11:55 MW, Humanities Building 332, In Person Term Based; Robert Repinski ; 3 cr.

2301 Printmaking I: Litho, Screen

(A-F or Audit; Prereq: 1006 or 1009 or 1010, 1011, art or art education major or art minor or instructor consent; credit will not be granted if already received for 1301)

64686 001 LEC, 14:00-15:55 TTh, Humanities Building 332, In Person Term Based; Darren Houser ; 3 cr.

2400 Ceramics I

(A-F or Audit; Prereq: 1012, art or art education major or art minor or instructor consent; credit will not be granted if already received for 1400)

64124 001 LEC, 12:00-13:55 TTh, A B Anderson Hall 155, In Person Term Based; Elizabeth James ; 3 cr.

2600 Photography I

(A-F or Audit; Prereq: 1013, Art major or Art or Photography Minor or Arts in Media Minor or instructor consent; credit will not be granted if already received for ART 1600, 1605 or 1607)

64139 001 LEC, 14:00-15:55 MW, Cina Hall 16, In Person Term Based; Wanda Peary ; 3 cr.
64340 002 LEC, 17:00-20:50 W, Cina Hall 16, In Person Term Based; Wanda Peary ; 3 cr.

2810 Art in Elementary Education

(A-F or Audit; Prereq: pre-Elementary education major FINE ARTS)

64407 001 LAB, 8:00- 9:55 TTh, Humanities Building 331, In Person Term Based; Meets With: 001 ART 3809; Alison Aune ; 3 cr.
64408 002 LAB, 10:00-11:55 TTh, Humanities Building 331, In Person Term Based; Alison Aune ; 3 cr.

2905 Design Technology I

(A-F or Audit; Prereq: 1013 and graphic design major or GDM BFA or pre MGD BBA or GDM BFA or arts in media minor or instructor consent; laptop required; digital instruction presented only on the Mac platform.)

64791 001 LAB, 8:00- 9:55 MW, Montague Hall 108, In Person Term Based; Jennifer Gordon ; 3 cr.

2906 Design Technology II

(A-F or Audit; Prereq: 2905, graphic design major or GDM BFA or pre-MGD BBA or MGD BBA or instructor consent; laptop required; digital instruction presented only on the Mac platform.)

64283 001 LEC, 10:00-11:55 MW, Montague Hall 108, In Person Term Based; Victoria Lehman ; 3 cr.
64307 002 LEC, 12:00-13:55 MW, Montague Hall 239, In Person Term Based; Victoria Lehman ; 3 cr.
64356 003 LEC, 10:00-11:55 TTh, Montague Hall 108, In Person Term Based; Victoria Lehman ; 3 cr.
64787 004 LEC, 14:00-15:55 TTh, Montague Hall 108, In Person Term Based; Victoria Lehman ; 3 cr.
68196 005 LEC, 16:00-19:50 W, Montague Hall 121, In Person Term Based; Matt Olin ; 3 cr.

2907 Typography I

(A-F or Audit; Prereq: ART 1013 and Graphic design major or GDM BFA or MGD or pre-MGD BBA or digital arts and photography emphasis or instructor consent; laptop required; digital instruction presented only on the Mac platform.)

64792 001 LEC, 16:00-17:55 TTh, Montague Hall 121, In Person Term Based; David Short ; 3 cr.

2911 Graphic Design I

(A-F or Audit; Prereq: 2905, 2907, graphic design major or GDM BFA or pre-MGD BBA or MGD BBA or instructor consent; laptop required; digital instruction presented only on the Mac platform.)

64134 001 LEC, 10:00-11:55 MW, Montague Hall 239, In Person Term Based; Terresa Hardaway ; 3 cr.
64289 002 LEC, 14:00-15:55 MW, Montague Hall 239, In Person Term Based; Terresa Hardaway ; 3 cr.
64344 003 LEC, 8:00- 9:55 TTh, Montague Hall 206, In Person Term Based; Terresa Hardaway ; 3 cr.
64738 004 LEC, 12:00-13:55 TTh, Montague Hall 206, In Person Term Based; Jennifer Gordon ; 3 cr.

3040 Digital Filmmaking: Experimental Techniques

(A-F or Audit; Prereq: 2030 or 2040 or instructor consent)

64740 001 LAB, 14:00-15:55 MW, A B Anderson Hall 335, In Person Term Based; Meets With: 001 ART 4040; Betsy Hunt ; 3 cr.

3100 Painting II

(A-F or Audit; Prereq: 2100, art or art education major, pre-art education major or pre-graphic design major, or art minor or instructor consent; max 9 credits)

64130 001 LEC, 12:00-13:55 MW, Humanities Building 318, In Person Term Based; Meets With: 001 ART 4100; Ryuta Nakajima ; 3 cr.

3214 Sculpture II: Robotics and Physical Computing

(A-F or Audit; Prereq: 2200, art or art education major or art minor or instructor consent)

64709 001 LAB, 14:00-15:55 MW, A B Anderson Hall 145, In Person Term Based; David Bowen ; 3 cr.

3300 Printmaking II

(A-F or Audit; Prereq: 2300, 2301, art or art education major or art minor or instructor consent)

64374 001 LEC, 14:00-15:55 MW, Humanities Building 332, In Person Term Based; Meets With: 001 ART 4300; Robert Repinski ; 3 cr.

3400 Ceramics II

(A-F or Audit; Prereq: 2400 or instructor consent)

64125 001 LEC, 14:00-15:55 TTh, A B Anderson Hall 155, In Person Term Based; Meets With: 001 ART 4400; Elizabeth James ; 3 cr.

3405 Fundamentals of Ceramics II

(Student Option; Prereq: 1405 or instructor consent; not for art majors or minors FINE ARTS)

64779 001 LEC, 16:00-19:50 W, A B Anderson Hall 155, In Person Term Based; Meets With: 001 ART 1405; Elizabeth James ; 3 cr.

3600 Photography: Alternative Processes

(A-F or Audit; Prereq: 1013, 1607 or 2600, Art major or Art or Photography minor or instructor consent)

64140 001 LEC, 12:00-13:55 TTh, Cina Hall 16, In Person Term Based; Meets With: 001 ART 4650; Wanda Peary ; 3 cr.

3615 Photography: Inventing with Light

(A-F or Audit; Prereq: 1013, 1607 or 2600, pre-DAP or Studio DAP major or Photography minor or instructor consent)

64789 001 LAB, 8:00- 9:55 TTh, Marshall Perform Arts Ctr 154, In Person Term Based; Kristen Pless ; 3 cr.

3700 Drawing II

(A-F or Audit; Prereq: 1006 or 1009 or 1010, art or art education major, pre-art education major or pre-graphic design major, or art minor or instructor consent)

64370 001 LEC, 10:00-11:55 TTh, A B Anderson Hall 325, In Person Term Based; Meets With: 001 ART 4700; Robert Repinski ; 3 cr.

3715 Figure Drawing

(A-F only; Prereq: 3700, art or art education or graphic design major or art minor or instructor consent)

66822 001 LAB, 14:00-15:55 TTh, A B Anderson Hall 325, In Person Term Based; Jayme Christine ; 3 cr.

3809 Art in Elementary Education Methods

(A-F or Audit; Prereq: 9903, art education candidate)

64813 001 LEC, 8:00- 9:55 TTh, Humanities Building 331, In Person Term Based; Meets With: 001 ART 2810; Alison Aune ; 3 cr.

3815 Art in Secondary Education

(A-F or Audit; Prereq: 3811, art education majors only or instructor consent)

64797 001 LEC, 15:30-19:20 T, Humanities Building 331, In Person Term Based; Alison Aune ; 3 cr.

3922 Graphic Design II

(A-F or Audit; Prereq: 2911, graphic design major or GDM BFA or MGD BBA or instructor consent; laptop required; digital instruction presented only on the Mac platform.)

66820 001 LEC, 12:00-13:55 TTh, Montague Hall 239, In Person Term Based; Rob Wittig ; 3 cr.

3933 Graphic Design III

(A-F or Audit; Prereq: 3922, graphic design major or GDM BFA or MGD BBA or instructor consent; laptop required; digital instruction presented only on the Mac platform.)

64135 001 LEC, 12:00-13:55 MW, Montague Hall 206, In Person Term Based; Jennifer Gordon ; 3 cr.

64296 002 LEC, 14:00-15:55 MW, Montague Hall 206, In Person Term Based; Jennifer Gordon ; 3 cr.

64363 003 LEC, 10:00-11:55 TTh, Montague Hall 239, In Person Term Based; Jennifer Gordon ; 3 cr.

3937 Typography II

(A-F or Audit; Prereq: 2907, 3922, graphic design major or GDM BFA or MGD BBA or instructor consent; laptop required; digital instruction presented only on the Mac platform.)

66816 001 LAB, 8:00- 9:55 TTh, Montague Hall 121, In Person Term Based; Steve Bardolph ; 3 cr.

66817 002 LAB, 10:00-11:55 TTh, Montague Hall 121, In Person Term Based; Steve Bardolph ; 3 cr.

66818 003 LAB, 14:00-15:55 TTh, Montague Hall 121, In Person Term Based; Steve Bardolph ; 3 cr.

4040 Digital Filmmaking: Advanced

Projects

(A-F only; Prereq: 2040 or 3040 or instructor consent)

69602 001 LAB, 14:00-15:55 MW, A B Anderson Hall 335, In Person Term Based; Meets With: 001 ART 3040; Betsy Hunt ; 3 cr.

4100 Painting III

(A-F or Audit; Prereq: 3100, art or art education major or art minor or instructor consent; no grad credit)

64131 001 LEC, 12:00-13:55 MW, Humanities Building 318, In Person Term Based; Meets With: 001 ART 3100; Ryuta Nakajima ; 3 cr.

4300 Printmaking III

(A-F or Audit; Prereq: 3300, art or art education major or art minor or instructor consent)

64375 001 LEC, 14:00-15:55 MW, Humanities Building 332, In Person Term Based; Meets With: 001 ART 3300; Robert Repinski ; 3 cr.

4400 Ceramics III

(A-F or Audit; Prereq: 3400, art or art education major or art minor or instructor consent; no grad credit)

64126 001 LEC, 14:00-15:55 TTh, A B Anderson Hall 155, In Person Term Based; Meets With: 001 ART 3400; Elizabeth James ; 3 cr.

4600 Photography: Digital Portfolio

(A-F or Audit; Prereq: 1900, 1607 or 2600, art major or art or photography minor or instructor consent)

64141 001 LEC, 10:00-11:55 MW, Cina Hall 16, In Person Term Based; Gloria DeFilippis Brush ; 3 cr.

4650 Alternative Processes Portfolio

(A-F only; Prereq: 3600, art or art education major or photography minor or instructor consent)

64353 001 LAB, 12:00-13:55 TTh, Cina Hall 16, In Person Term Based; Meets With: 001 ART 3600; Wanda Pearcy ; 3 cr.

4675 Photography: The Photographic Book

(A-F only; Prereq: 4600, art major or photography minor or instructor consent)

64354 001 LAB, 12:00-13:55 MW, Cina Hall 16, In Person Term Based; Gloria DeFilippis Brush ; 3 cr.

4691 Individual Study in Photography

(A-F or Audit; Prereq: 2 semesters of photography, department consent)

64811 001 IND, In Person Term Based; Gloria DeFilippis Brush ; 1-3 cr.

4700 Drawing III

(A-F or Audit; Prereq: 3700, art or art education major or art minor or instructor consent)

64372 001 LEC, 10:00-11:55 TTh, A B Anderson Hall 325, In Person Term Based; Meets With: 001 ART 3700; Robert Repinski ; 3 cr.

4791 Individual Study in Drawing

(A-F or Audit; Prereq: 2 semesters of drawing, instructor consent)

64814 001 IND, In Person Term Based; Jayme Christine ; 1-3 cr.

4793 Intermedia Studio

(A-F or Audit;)

69705 001 IND, In Person Term Based; Eun-Kyung Suh ; 1-3 cr.

4812 Senior Seminar

(A-F or Audit; Prereq: Senior or instructor consent; no grad credit)

64254 001 LEC, 12:00-13:15 TTh, Humanities Building 318, In Person Term Based; Ryuta Nakajima ; 3 cr.

4813 Senior Seminar II: Studio Practice

(A-F or Audit; Prereq: 4812, Senior or instructor consent, studio art-general major; no grad credit)

64355 001 LEC, 10:00-11:15 MW, Humanities Building 331, In Person Term Based; Kristen Pless ; 3 cr.

4897 Visual Culture Internship

(A-F or Audit; Prereq: Graphic Design major or Graphic Design concurrent registration is required (or allowed) in Marketing major or General Studio BFA major or Art BA major, instructor consent; 1 cr for each 45 hrs of fieldwork; no grad credit)

64809 001 FWK, Independent/Directed Study; Matt Olin ; 1-9 cr.

69842 002 FWK, In Person Term Based; John O'Neill ; 1-9 cr.

4898 Art BA Senior Exhibition

(S-N only; Prereq: Senior Art BA major, department consent; no grad credit)

64750 001 IND, In Person Term Based; David Bowen ; 1 cr.

4899 Senior Presentation/Exhibition

(A-F or Audit; Prereq: Senior art major, instructor consent; no grad credit)

64142 001 LAB, In Person Term Based; David Bowen ; 1 cr.

4908 Interactive Design I

(A-F or Audit; Prereq: 3922, graphic design major or GDM BFA or MGD BBA or digital art and photography emphasis or Grad Student or instructor consent; credit will not be granted if already received for 5909; laptop required; digital instruction presented only on the Mac platform.)

64308 001 LEC, 8:00- 9:55 MW, Montague Hall 121, In Person Term Based; Matt Olin ; 3 cr.

64341 002 LEC, 10:00-11:55 MW, Montague Hall 121, In Person Term Based; Matt Olin ; 3 cr.

64350 003 LEC, 8:00- 9:55 TTh, Montague Hall 239, In Person Term Based; Matt Olin ; 3 cr.

4909 Interactive Design II

(A-F or Audit; Prereq: 4908, graphic design major, or digital art and photography emphasis or Grad Student, or instructor consent; credit will not be granted if already received for 5910; laptop required; digital instruction presented only on the Mac platform.)

66819 001 LAB, 14:00-15:55 MW, Montague Hall 121, In Person Term Based; John O'Neill ; 3 cr.

4933 Senior Design Studio II

(A-F or Audit; Prereq: 3933 or instructor consent)

64348 001 LEC, 10:00-11:55 TTh, Montague Hall 206, In Person Term Based; David Short ; 3 cr.

64349 002 LEC, 14:00-15:55 TTh, Montague Hall 206, In Person Term Based; David Short ; 3 cr.

4944 Graphic Design IV

(A-F or Audit; Prereq: 3933, Graphic Design major or GDM BFA major or instructor consent; laptop required; digital instruction presented only on a Mac platform; no grad credit)

64790 001 LEC, 10:00-11:55 MW, Montague Hall 206, In Person Term Based; David Short ; 3 cr.

4955 Graphic Design V

(A-F or Audit; Prereq: 3933, Graphic Design major or GDM BFA or instructor consent; laptop required; digital instruction presented only on a Mac platform; no grad credit)

64710 001 LEC, 12:00-13:55 MW, Montague Hall 121, In Person Term Based; John O'Neill ; 3 cr.

64737 002 LEC, 12:00-13:55 TTh, Montague Hall 121, In Person Term Based; John O'Neill ; 3 cr.

4991 Independent Study in Graphic Design

(A-F or Audit; Prereq: 2 semesters work in graphic design and graphic design major and instructor consent)

64772 001 IND, In Person Term Based; Victoria Lehman ; 1-3 cr.

Art History (ARTH)

1304 History of World Art II

(A-F or Audit; HUMANITIES)

64953 001 LEC, 9:00- 9:50 MWF, Solon Campus Center 120, In Person Term Based; Sara Blaylock ; 3 cr.

2300 The City as a Work of Art

(A-F only; HUMANITIES)

64699 001 LEC, 12:30-13:45 TTh, Humanities Building 314, In Person Term Based; Jennifer Webb ; 3 cr.

2390 American Art of the 20th Century

(A-F or Audit; HUMANITIES,CDIVERSITY)

67365 001 LEC, 13:00-13:50 MWF, Humanities Building 314, In Person Term Based; Sara Blaylock ; 3 cr.

2620 History of Photography

(A-F or Audit; Prereq: Art or Art Education major or Studio Art BFA or Graphic Design BFA or Graphic Design & Marketing BFA or Photography minor or instructor consent)

64405 001 LEC, 14:00-15:15 MW, A B Anderson Hall 345, In Person Term Based; Gloria DeFilippis Brush ; 3 cr.

2901 History of Graphic Design

(A-F or Audit; Prereq: Graphic Design major or Graphic Design and Marketing Major or Art History major or minor or Studio Art major or Digital Art and Photography minor or Arts in Media minor or instructor consent)

64136 001 LEC, 15:30-16:45 TTh, Humanities Building 314, Partially Online; Rob Wittig ; 3 cr.

3140 Women in Art/Visual Culture in Latin America

(A-F or Audit;)

64957 001 LEC, 14:00-15:15 TTh, A B Anderson Hall 345, In Person Term Based; Jamie Ratliff ; 3 cr.

3150 Contemporary Global Exhibition

(A-F or Audit;)

67510 001 LEC, 11:00-12:15 TTh, A B Anderson Hall 345, In Person Term Based; Jamie Ratliff ; 3 cr.

3370 European Art, 1900-1945

(A-F or Audit;)

68298 001 LEC, 10:00-10:50 MWF, A B Anderson Hall 345, In Person Term Based; Sara Blaylock ; 3 cr.

4999 Senior Paper Art History

(A-F or Audit; Prereq: Major in ARTH with 90 credits, instructor consent, no grad credit)

64773 001 IND, In Person Term Based; Jennifer Webb ; 1 cr.

64774 002 IND, In Person Term Based; Jamie Ratliff ; 1 cr.

5391 Directed Study in Renaissance and Baroque Art

(A-F or Audit; Prereq: instructor consent; max 6 credits for undergraduates)

64808 001 IND, In Person Term Based; Jennifer Webb ; 1-3 cr.

Astronomy (AST)

1040 Introductory Astronomy

(A-F or Audit; NAT SCI)

62967 002 LEC, 18:00-20:30 M, M W Alworth Hall 195, In Person Term Based; Susan Hartley ; 3 cr.

63001 001 LEC, 12:00-12:50 MWF, Life Sciences Bldg 175, In Person Term Based; John Gustafson ; 3 cr.

Behavioral Sciences (BHSC)

5432 Clinical Psychopharmacology

(Student Option;)

63892 001 LEC, 00:00-00:00 , In Person Term Based; James Boulger ; 3 cr.

6652 Social and Behavioral Medicine I

(P-N only; Prereq: Regis med student)

63885 001 LEC, In Person Term Based; James Boulger ; 4 cr.

BioMedical Sciences (BMS)

(S-N or Audit; Prereq: instructor consent required, biol or cell biol major, 90 cr incl 25 cr Biol; max 2 cr may be applied toward Biol major)

62805 001 LAB, 00:00-00:00 , , Independent/Directed Study; ; 1-2 cr.

3994 Undergraduate Research

(S-N or Audit; Prereq: A grade of C or better in both 1011 and 1012, 60 cr, department consent required; max 4 cr may be applied to biol or cell biol major as upper div elective)

62808 001 IND, 00:00-00:00 , , Independent/Directed Study; ; 1-3 cr.

3996 Internship in Biology

(S-N or Audit; Prereq: A grade of C- or better in both 1011 and 1012, department consent required; max 1 cr may be applied to biol or cell biol major)

62807 001 FWK, 00:00-00:00 , , Independent/Directed Study; ; 1-2 cr.

4201 Leverage bioinformatic tools to manage big data and answer primary biology questions

(A-F or Audit;)

63839 001 LEC, 14:00-15:15 TTh, James I Swenson Sci Bldg 216, In Person Term Based; Meets With: 001 BIOL 5201; Cody Sheik ; 3 cr.

4231 Molecular Biology

(A-F only; Prereq: A grade of C- or better in both 2201 and (2101 or 3100), (CHEM 3322 or 4351), or IBS Grad student; credit will not be granted if already received for 5231)

62809 001 LEC, 8:00- 9:15 TTh, Life Sciences Bldg 185, In Person Term Based; Jessica Sieber ; 3 cr.

4361 Developmental Biology

(A-F or Audit; Prereq: 2201 and (2101 or 2110 or 3100) or IBS Grad student; credit will not be granted if already received for 5361)

63129 001 LEC, 12:00-12:50 MW, A B Anderson Hall 235, In Person Term Based; Jennifer Liang ; 3 cr.

63159 002 LAB, 13:00-15:50 W, James I Swenson Sci Bldg 105, In Person Term Based; Jennifer Liang ; 3 cr.

4511 Medical Microbiology

(A-F or Audit; Prereq: 3502 or 4501, no grad credit)

63632 001 LEC, 14:00-15:15 TTh, Engineering Building 280, In Person Term Based; John Dahl ; 3 cr.

4604 Plant Physiology

(A-F or Audit; Prereq: 2201 and 1 year college chemistry or IBS grad student)

63775 001 LEC, 11:00-11:50 MWF, James I Swenson Sci Bldg 207A, In Person Term Based; Jessica Savage ; 4 cr.
63776 002 LAB, 11:00-14:00 T, Life Sciences Bldg 306, In Person Term Based; Jessica Savage ; 4 cr.

4763 Ornithology

(A-F or Audit; Prereq: 2801 or IBS Grad student)

69555 001 LEC, 8:00- 8:50 MF, James I Swenson Sci Bldg 216, In Person Term Based; Matthew Etterson ; 3 cr.

69556 002 LAB, 8:00- 9:50 W, Life Sciences Bldg 330, In Person Term Based; Matthew Etterson ; 3 cr.

4850 Food and Humans

(A-F or Audit; Prereq: 2201, 3401 or IBS graduate student)

69553 001 LEC, 9:30-10:45 TTh, James I Swenson Sci Bldg 216, In Person Term Based; Briana Gross ; 3 cr.

4861 Lake Ecology

(A-F or Audit;)

68947 001 LEC, 13:00-13:50 TTh, James I Swenson Sci Bldg 202, In Person Term Based; Meets With: 001 BIOL 5861; Donn Branstrator ; 3 cr.

68948 002 LAB, 14:00-16:50 T, Life Sciences Bldg 340, In Person Term Based; Meets With: 002 BIOL 5861; Donn Branstrator ; 3 cr.

4863 Ecosystems Ecology and Biogeochemistry

(A-F or Audit;)

69435 001 LEC, 9:30-10:45 TTh, Heller Hall 202, In Person Term Based; Meets With: 001 ESCI 4863001 ESCI 5863001 BIOL 5863; Salli Dymond ; 3 cr.

4992 Senior Seminar: Classic Readings in Natural History

(S-N or Audit; Prereq: Seniors who have declared a natural history minor, no grad credit)

63633 001 DIS, 12:00-13:15 T, Heller Hall 230D, In Person Term Based; John Pastor, Howard Moores ; 1 cr.

5001 Teaching and Learning in the Life Sciences

(S-N only; Prereq: grad student or prior teaching experience; instructor consent)

63367 001 LEC, 11:00-12:50 Th, James I Swenson Sci Bldg 207A, In Person Term Based; Paul Bates ; 1 cr.

5201 Leverage bioinformatic tools to manage big data and answer primary biology questions

(A-F or Audit;)

63858 001 LEC, 14:00-15:15 TTh, James I Swenson Sci Bldg 216, In Person Term Based; Meets With: 001 BIOL 4201; Cody Sheik ; 3 cr.

5232 Molecular Biology Laboratory

(A-F only; Prereq: 4231 or 4231 (concurrent enrollment is allowed), CHEM 3322 or Biochemistry and Molecular Biology or IBS Grad student; credit will not be granted if already received for 4232)

63019 001 LAB, 11:00-14:50 W, James I Swenson Sci Bldg 212, In Person Term Based; Huai Deng ; 2 cr.

63020 002 LAB, 16:00-19:50 W, James I Swenson Sci Bldg 212, In Person Term Based; 2 cr.

63027 003 LAB, 10:00-13:50 Th, James I Swenson Sci Bldg 212, In Person Term Based; 2 cr.

63109 004 LAB, 14:00-17:50 Th, James I Swenson Sci Bldg 212, In Person Term Based; 2 cr.

5808 Landscape Ecology: Theory and Application

(A-F or Audit; Prereq: 2801, 2802 or WRS or IBS Grad student)

66957 001 LEC, 15:30-16:45 TTh, Engineering Building 204, In Person Term Based; Lucinda Johnson, George Host, Thomas Hollenhorst ; 3 cr.

5861 Lake Ecology

(A-F or Audit; Prereq: WRS or IBS Grad student)

68994 001 LEC, 13:00-13:50 TTh, James I Swenson Sci Bldg 202, In Person Term Based; Meets With: 001 BIOL 4861; Donn Branstrator ; 3 cr.

68995 002 LAB, 14:00-16:50 T, Life Sciences Bldg 340, In Person Term Based; Meets With: 002 BIOL 4861; Donn Branstrator ; 3 cr.

5863 Ecosystems Ecology and Geochemistry

(A-F or Audit;)

69434 001 LEC, 9:30-10:45 TTh, Heller Hall 202, In Person Term Based; Meets With: 001 ESCI 4863001 ESCI 5863001 BIOL 4863; Salli Dymond ; 3 cr.

8899 Seminar in Ecology

(A-F or Audit; Prereq: Grad student in biol or related field)

70016 001 LEC, 16:00-16:50 M, Research Lab Building 200, In Person Term Based; Robert Sterner ; 1 cr.

Business (BUS)

2300 Fundamentals of Operations Management

(A-F or Audit; Prereq: CUE major or BTAG or Business Administration Certificate or college consent; this course cannot be used to fulfill a LSBE major/minor requirement.)

64098 001 LEC, Completely Online; Lai La Lunde ; 2 cr.

2600 Fundamentals of Financial Management

(A-F or Audit; Prereq: CUE major or BTAG or Business Administration Certificate or college consent; this course cannot be used to fulfill a LSBE major/minor requirement.)

64097 001 LEC, Completely Online; Brian Yang ; 2 cr.

2700 Fundamentals of Marketing

(A-F or Audit; Prereq: CUE major or BTAG or Business Administration Certificate or Museum Studies Certificate or college consent; this course cannot be used to fulfill a LSBE major/minor requirement.)

64072 001 LEC, Completely Online; Ahmed Maamoun ; 2 cr.

2800 Fundamentals of Human Resource Management

(A-F or Audit; Prereq: CUE major or BTAG or Business Administration Certificate or college consent; this course cannot be used to fulfill a LSBE major/minor requirement.)

64073 001 LEC, Completely Online; Jannifer David ; 2 cr.

Business Law (BLAW)

2001 The Legal Environment

(A-F only; Prereq: Minimum 30 credits HUMANITIES)

64013 001 LEC, 18:00-20:40 T, Labovitz Schl Bus & Econ 118, In Person Term Based; Thomas Reed ; 3 cr.
64014 002 LEC, 8:00- 9:15 TTh, Labovitz Schl Bus & Econ 118, In Person Term Based; Thomas Reed ; 3 cr.
64093 003 LEC, 8:00- 8:50 MWF, Labovitz Schl Bus & Econ 118, In Person Term Based; Roger Reinsch ; 3 cr.

3001 Law and Ethics for Financial Professionals

(A-F only; Prereq: LSBE candidate or department consent)

63997 001 LEC, 16:00-17:15 MW, Labovitz Schl Bus & Econ 229, In Person Term Based; Roger Reinsch ; 3 cr.

4301 Estate Planning Concepts and Strategies

(A-F or Audit; Prereq: Acct 3401, LSBE candidate or college consent; credit will not be granted if already received for 3301; no grad credit)

64055 001 LEC, 11:00-12:15 TTh, Labovitz Schl Bus & Econ 265, In Person Term Based; Alan Roline ; 3 cr.

Career Exploration & Education (CNED)

2535 Major and Career Exploration

(A-F or Audit; Prereq: Fewer than 45 credits or instructor consent)

61458 001 LEC, 17:00-18:15 W, Kirby Plaza 309, Partially Online; Susan Holm ; 2 cr.

61459 002 LEC, 17:00-18:15 M, Kirby Plaza 309, Partially Online; Michele Hatcher ; 2 cr.

61461 004 LEC, 15:00-16:15 W, Sports and Health Center 210, Partially Online; Stacy Seminara ; 2 cr.

61472 005 LEC, 17:00-18:15 Th, Kirby Plaza 309, Partially Online; Susan Lombardo ; 2 cr.

3010 Internship Preparation

(A-F or Audit; Prereq: WRIT 1120, 45 credits and declared major)

61462 001 LEC, 16:00-16:50 W, Room TBA, 16:00-16:50 W, Room TBA, 16:00-16:50 W, Room TBA, 16:00-16:50 W, Room TBA, Partially Online; Sherrill Yeaton ; 1 cr.

3535 Strategic Career Planning

(A-F or Audit; Prereq: Minimum 45 credits or instructor consent)

61402 001 IND, 00:00-00:00 , ONLINE, Completely Online; Janet Pribyl ; 3 cr.

61403 002 IND, 00:00-00:00 , ONLINE, Completely Online; Katherine O'Sullivan ; 3 cr.

Chemical Engineering (CHE)

1011 Introduction to Chemical Engineering.

(A-F or Audit; Prereq: Pre or coreq Chem 1153 and 1154 or Chem 1161 and Math 1296 or Math 1596)

62917 001 LEC, 15:30-16:45 TTh, Swenson Civil Engineering 265, In Person Term Based; Elizabeth Hill ; 3 cr.

2011 Design of Engineering Experiments

(A-F or Audit; Prereq: Math 1297 and (prereq or coreq 2111 or 2211))

66922 001 LEC, 12:00-12:50 WF, Engineering Building 177, 12:00-12:50 M, Engineering Building 204, In Person Term Based; Moe Benda ; 3 cr.

2121 Chemical Engineering Thermodynamics

(A-F or Audit; Prereq: 2111 or 2211, (prereq or coreq Math 3280))

62843 001 LEC, 11:00-11:50 MWF, Engineering Building 177, In Person Term Based; Zhuhua Xu ; 3 cr.

2211 Materials and Energy Balances

(A-F or Audit;)

63784 001 LEC, 10:00-10:50 MWF, Engineering Building 280, In Person Term Based; Victor Lai ; 4 cr.

63785 002 DIS, 8:00- 8:50 Th, Voss-Kovach Hall 115, In Person Term Based; Victor Lai ; 4 cr.

63786 003 DIS, 16:00-16:50 Th, Humanities Building 484, In Person Term Based; Victor Lai ; 4 cr.

3031 Computational Methods in Chemical Engineering

(A-F or Audit; Prereq: coreq: CHE 2121, CS 1121 or 1411, MATH 3280)
63152 001 LAB, 14:00-15:15 TTh, Engineering Building 204, In Person Term Based; Richard Davis ; 3 cr.

3111 Fluid Mechanics

(A-F or Audit; Prereq: BSChE cand, CHE 2111 or 2211 prereq or coreq, Phys 2011 or 2013 and 2014, Math 3280, or instructor consent; credit will not be granted if already received for ME 3111 or CE 3221.)
63831 001 LEC, 8:00- 8:50 MWF, Engineering Building 177, In Person Term Based; John Stark ; 3 cr.

3112 Heat and Mass Transfer

(A-F or Audit; Prereq: BSChE candidate, 3111, (prereq or coreq 2121) or instructor consent)
62689 001 LEC, 8:00- 9:15 TTh, Voss-Kovach Hall 221, In Person Term Based; Elizabeth Hill ; 3 cr.

3196 Cooperative Education I

(A-F or Audit; Prereq: BSChE cand, department consent)
62707 001 FWK, 00:00-00:00 , Independent/Directed Study; Richard Davis ; 1 cr.

3211 Chemical Engineering Laboratory I

(A-F or Audit; Prereq: BSChE candidate, pre or co-req CHE 2011, 3031, 3112COMM & LAN)
63663 002 LAB, 12:00-16:50 Th, Engineering Building 163, In Person Term Based; Meets With: 002 CHE 4211; Victor Lai ; 3 cr.

3231 Properties of Engineering Materials

(A-F or Audit; Prereq: BSChE cand, 2121, Chem 1152 or 1162)
62699 001 LEC, 9:00- 9:50 MWF, Engineering Building 118, In Person Term Based; Zhihua Xu ; 3 cr.

3296 Cooperative Education II

(A-F or Audit; Prereq: BSChE candidate, CHE 3196 and department consent)
63444 001 FWK, 00:00-00:00 , Independent/Directed Study; Richard Davis ; 2 cr.

3791 Independent Study

(Student Option; Prereq: BSChE cand, department consent)

63261 001 IND, 00:00-00:00 , Independent/Directed Study; Michael Rother ; 1-3 cr.
63267 002 IND, 00:00-00:00 , Independent/Directed Study; Keith Lodge ; 1-3 cr.
63268 003 IND, 00:00-00:00 , Independent/Directed Study; Richard Davis ; 1-3 cr.
63269 004 IND, 00:00-00:00 , Independent/Directed Study; Steven Sternberg ; 1-3 cr.
63270 005 IND, 00:00-00:00 , Independent/Directed Study; Guy Sander ; 1-3 cr.
63463 006 IND, 00:00-00:00 , Independent/Directed Study; Zhihua Xu ; 1-3 cr.
63860 007 IND, Independent/Directed Study; Otavio Fortini ; 1-3 cr.
63861 008 IND, Independent/Directed Study; Elizabeth Hill ; 1-3 cr.
63866 009 IND, Independent/Directed Study; Victor Lai ; 1-3 cr.

3894 Chemical Engineering Research

(Student Option; Prereq: BSChE candidate, maximum 6 credits, instructor consent)

62700 001 IND, 00:00-00:00 , Independent/Directed Study; Steven Sternberg ; 1-3 cr.
63271 002 IND, 00:00-00:00 , Independent/Directed Study; Richard Davis ; 1-3 cr.
63272 003 IND, 00:00-00:00 , Independent/Directed Study; Michael Rother ; 1-3 cr.
63273 004 IND, 00:00-00:00 , Independent/Directed Study; Keith Lodge ; 1-3 cr.
63274 005 IND, 00:00-00:00 , Independent/Directed Study; Guy Sander ; 1-3 cr.
63464 006 IND, 00:00-00:00 , Independent/Directed Study; Zhihua Xu ; 1-3 cr.
63862 007 IND, Independent/Directed Study; Otavio Fortini ; 1-3 cr.
63863 008 IND, Independent/Directed Study; Elizabeth Hill ; 1-3 cr.
63865 009 IND, Independent/Directed Study; Victor Lai ; 1-3 cr.

4141 Material and Minerals Processing

(A-F or Audit; Prereq: Chem 1153, 1154, Math 1297, Phys 2013)
63787 001 LEC, 10:00-10:50 MWF, Chemistry Building 150, In Person Term Based; John Stark ; 3 cr.

4211 Chemical Engineering Laboratory II

(A-F or Audit; Prereq: BSChE candidate, 3211, pre or co req 4111 and 4301; no grad credit)
62999 001 LAB, 12:00-16:50 T, Engineering Building 163, In Person Term Based; Victor Lai ; 3 cr.
63164 002 LAB, 12:00-16:50 Th, Engineering Building 163, In Person Term Based; Meets With: 002 CHE 3211; Victor Lai ; 3 cr.

4402 Process Dynamics and Control

(A-F or Audit; Prereq: BSChE candidate, 3031 (prereq or coreq 2121, 3112), Phys 2012 or 2015 and 2016, instructor consent, no grad credit)
62992 001 LEC, 14:00-14:50 MW, Engineering Building 177, In Person Term Based; Keith Lodge ; 3 cr.

63435 002 LAB, 10:00-11:50 T, Engineering Building 114, In Person Term Based; Keith Lodge ; 3 cr.
63436 003 LAB, 10:00-11:50 Th, Engineering Building 114, In Person Term Based; Keith Lodge ; 3 cr.

63437 004 LAB, 14:00-15:50 Th, Engineering Building 114, In Person Term Based; Keith Lodge ; 3 cr.
63529 005 LAB, 14:00-15:50 T, Engineering Building 114, In Person Term Based; Keith Lodge ; 3 cr.

4501 Chemical Engineering Design I

(A-F or Audit; Prereq: BSChE candidate, prerequisite or corequisite 3031, 3111, 3112; no grad creditsSUSTAIN)
63788 001 LEC, 15:00-16:50 MWF, Engineering Building 118, In Person Term Based; Michael Rother ; 4 cr.

4502 Chemical Engineering Design II

(A-F or Audit; Prereq: BSChE candidate, prereq or coreq 4501; no grad credit)
63130 001 LEC, 15:00-16:50 MWF, Engineering Building 280, In Person Term Based; Otavio Fortini ; 4 cr.

4603 Biorenewable Resources

(A-F or Audit; Prereq: 2111 or 2211 or instructor consentSUSTAIN)
63789 001 LEC, 12:00-12:50 MWF, Swenson Civil Engineering 231, In Person Term Based; Guy Sander ; 3 cr.

4613 Air Pollution Control

(A-F or Audit; Prereq: CHEM 1155, 1156, MATH 1297 or 1597, PHYS 2015, 2016)

63501 001 LEC, 13:00-13:50 MWF, Engineering Building 118, In Person Term Based; Steven Sternberg ; 3 cr.
63506 002 LEC, 9:00- 9:50 MWF, Montague Hall 239, In Person Term Based; Steven Sternberg ; 3 cr.

5131 Polymer Engineering

(A-F or Audit; Prereq: [(CHE 2121 or ME 3211), (ChE 3231 or ME 2105)] or Chem 4641 or instructor consent)
63525 001 LEC, 10:00-10:50 MWF, Voss-Kovach Hall 115, In Person Term Based; Elizabeth Hill ; 3 cr.

5555 Project Credits: MEng - Chemical Engineering

(A-F or Audit; Prereq: MEng candidate, instructor consent)
63532 001 FWK, Independent/Directed Study; 3-6 cr.

5612 Hazardous Waste Process Engineering

(A-F or Audit; Prereq: Grad student or BSChE candidate with ChE 2111 or 2211, 3112 and 4111)
63871 831 IND, 18:00-20:40 T, Room TBA, In Person Term Based; Moe Benda ; 3 cr.

63872 832 IND, 18:00-20:40 T, Room TBA, In Person Term Based; Moe Benda ; 3 cr.

5991 Graduate Independent Study in Chemical Engineering

(A-F or Audit; Prereq: graduate student and instructor consent)

66937 001 IND, In Person Term Based; 1-3 cr.

8150 Seminar

(S-N or Audit; Prereq: graduate ChE major or instructor consent)

63790 001 DIS, In Person Term Based; Richard Davis ; 1 cr.
63791 002 DIS, In Person Term Based; Guy Sander ; 1 cr.
63792 003 DIS, In Person Term Based; Zhihua Xu ; 1 cr.
63793 004 DIS, In Person Term Based; Michael Rother ; 1 cr.
63794 005 DIS, In Person Term Based; Keith Lodge ; 1 cr.
63795 006 DIS, In Person Term Based; Steven Sternberg ; 1 cr.
63796 007 DIS, In Person Term Based; Otavio Fortini ; 1 cr.
69681 008 DIS, In Person Term Based; Elizabeth Hill ; 1 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: graduate student)

63797 001 IND, In Person Term Based; Richard Davis ; 1-10 cr.
63798 002 IND, In Person Term Based; Guy Sander ; 1-10 cr.
63799 003 IND, In Person Term Based; Zhihua Xu ; 1-10 cr.
63800 004 IND, In Person Term Based; Michael Rother ; 1-10 cr.
63801 005 IND, In Person Term Based; Keith Lodge ; 1-10 cr.
63802 006 IND, In Person Term Based; Steven Sternberg ; 1-10 cr.
63803 007 IND, In Person Term Based; Otavio Fortini ; 1-10 cr.
69682 008 IND, In Person Term Based; Elizabeth Hill ; 1-10 cr.

Chemistry (CHEM)**1103 Aspects of Chemistry**

(A-F or Audit; Prereq: Credit will not be granted if already received for 1102, 1113, 1151, 1153, 1161 or 1173.NAT.SCI.SUSTAIN)
63277 001 LEC, 14:00-14:50 MWF, Life Sciences Bldg 175, In Person Term Based; Prashanth Poddutoori ; 3 cr.

1104 Aspects of Chemistry Lab

(A-F or Audit; Prereq: Must be taken either after or concurrently with CHEM 1103; credit will not be granted if already received for 1102 (4-credit option), 1113, 1151, 1154, 1161 or 1174.NAT.SCI)
63279 002 LAB, 15:00-16:50 W, Chemistry Building 301, In Person Term Based; Sangeeta Meredy ; 1 cr.

1114 Introduction to General, Organic, and Biological Chemistry II

(A-F or Audit; Prereq: 1113)
62780 001 LEC, 13:00-13:50 MTWF, Montague Hall 203, In Person Term Based; Eve Metto ; 5 cr.
62781 002 LAB, 15:00-16:50 M, Chemistry Building 316, In Person Term Based; Eve Metto ; 5 cr.
62782 003 LAB, 14:00-15:50 T, Chemistry Building 316, In Person Term Based; Eve Metto ; 5 cr.
65746 005 LAB, 14:00-15:50 Th, Chemistry Building 316, In Person Term Based; Eve Metto ; 5 cr.

1153 General Chemistry I

(A-F or Audit; Prereq: One year high school chem, Math ACT 24 or higher or a grade of least C- in Math 1005, Credit will not be granted if already received for 1151 or 1161 or 1173.NAT.SCI)

63313 001 LEC, 8:00- 8:50 MWThF, Chemistry Building 200, In Person Term Based; Romesh Lakhan ; 4 cr.
63314 003 DIS, 8:00- 8:50 T, Cina Hall 316, In Person Term Based; Romesh Lakhan ; 4 cr.
63315 005 DIS, 9:00- 9:50 T, M W Alworth Hall 175, In Person Term Based; Romesh Lakhan ; 4 cr.
63316 007 DIS, 10:00-10:50 T, Ed Endazhi-gikino'o'amaading 40, In Person Term Based; Romesh Lakhan ; 4 cr.
63317 009 DIS, 11:00-11:50 T, Bohannon Hall 346, In Person Term Based; Romesh Lakhan ; 4 cr.
63318 011 DIS, 12:00-12:50 T, Cina Hall 102, In Person Term Based; Romesh Lakhan ; 4 cr.
63319 013 DIS, 13:00-13:50 T, Bohannon Hall 108, In Person Term Based; Romesh Lakhan ; 4 cr.
63320 021 LEC, 13:00-13:50 MWThF, Chemistry Building 200, In Person Term Based; Romesh Lakhan ; 4 cr.
63321 023 DIS, 8:00- 8:50 T, Kirby Plaza 385, In Person Term Based; Romesh Lakhan ; 4 cr.
63322 025 DIS, 9:00- 9:50 T, Solon Campus Center 21, In Person Term Based; Romesh Lakhan ; 4 cr.
63323 027 DIS, 10:00-10:50 T, Ed Endazhi-gikino'o'amaading 50, In Person Term Based; Romesh Lakhan ; 4 cr.
63324 029 DIS, 11:00-11:50 T, Ed Endazhi-gikino'o'amaading 50, In Person Term Based; Romesh Lakhan ; 4 cr.
63426 031 DIS, 12:00-12:50 T, Kirby Plaza 312, In Person Term Based; Romesh Lakhan ; 4 cr.
63427 033 DIS, 13:00-13:50 T, Bohannon Hall 104, In Person Term Based; Romesh Lakhan ; 4 cr.
63682 041 LEC, 12:00-12:50 MWThF, Bohannon Hall 90, In Person Term Based; Kate Kallewig ; 4 cr.
63684 045 DIS, 9:00- 9:50 T, Ed Endazhi-gikino'o'amaading 20, In Person Term Based; Kate Kallewig ; 4 cr.
63685 047 DIS, 10:00-10:50 T, Ed Endazhi-gikino'o'amaading 20, In Person Term Based; Kate Kallewig ; 4 cr.
63686 049 DIS, 11:00-11:50 T, Ed Endazhi-gikino'o'amaading 20, In Person Term Based; Kate Kallewig ; 4 cr.
63687 051 DIS, 12:00-12:50 T, James I Swenson Sci Bldg 216, In Person Term Based; Kate Kallewig ; 4 cr.
63688 053 DIS, 13:00-13:50 T, James I Swenson Sci Bldg 216, In Person Term Based; Kate Kallewig ; 4 cr.

1154 General Chemistry Lab I

(A-F or Audit; Prereq: Previous or concurrent enrollment in CHEM 1153 or 1173; credit will not be

granted if already received for CHEM 1151, 1161 or 1174.NAT SCI)

63325 002 LAB, 9:00-11:50 M, James I Swenson Sci Bldg 129, In Person Term Based; Eve Metto ; 1 cr.
 63327 008 LAB, 14:00-16:50 M, James I Swenson Sci Bldg 129, In Person Term Based; Eve Metto ; 1 cr.
 63328 010 LAB, 14:00-16:50 M, James I Swenson Sci Bldg 131, In Person Term Based; Eve Metto ; 1 cr.
 63329 014 LAB, 8:00-10:50 T, James I Swenson Sci Bldg 129, In Person Term Based; Eve Metto ; 1 cr.
 63330 016 LAB, 8:00-10:50 T, James I Swenson Sci Bldg 131, In Person Term Based; Eve Metto ; 1 cr.
 63331 020 LAB, 11:00-13:50 T, James I Swenson Sci Bldg 129, In Person Term Based; Eve Metto ; 1 cr.
 63332 022 LAB, 11:00-13:50 T, James I Swenson Sci Bldg 131, In Person Term Based; Eve Metto ; 1 cr.
 63333 026 LAB, 14:00-16:50 T, James I Swenson Sci Bldg 129, In Person Term Based; Eve Metto ; 1 cr.
 63334 028 LAB, 14:00-16:50 T, James I Swenson Sci Bldg 131, In Person Term Based; Eve Metto ; 1 cr.
 63335 032 LAB, 9:00-11:50 W, James I Swenson Sci Bldg 129, In Person Term Based; Eve Metto ; 1 cr.
 63337 038 LAB, 14:00-16:50 W, James I Swenson Sci Bldg 129, In Person Term Based; Eve Metto ; 1 cr.
 63433 040 LAB, 14:00-16:50 W, James I Swenson Sci Bldg 131, In Person Term Based; Eve Metto ; 1 cr.
 63689 044 LAB, 8:00-10:50 Th, James I Swenson Sci Bldg 129, In Person Term Based; Eve Metto ; 1 cr.
 63691 050 LAB, 11:00-13:50 Th, James I Swenson Sci Bldg 129, In Person Term Based; Eve Metto ; 1 cr.
 63693 056 LAB, 14:00-16:50 Th, James I Swenson Sci Bldg 129, In Person Term Based; Eve Metto ; 1 cr.
 63694 058 LAB, 14:00-16:50 Th, James I Swenson Sci Bldg 131, In Person Term Based; Eve Metto ; 1 cr.

1155 General Chemistry II

(A-F or Audit; Prereq: 1151 or 1153 or 1161 or 1173; credit will not be granted if already received for 1152, 1162 or 1175.)

63338 001 LEC, 8:00- 8:50 MTWF, Bohannon Hall 90, In Person Term Based; Kate Kallevig ; 4 cr.
 63339 021 LEC, 9:30-10:45 TTh, Montague Hall 80, In Person Term Based; Brian Gute ; 4 cr.
 63631 041 LEC, 14:00-15:15 TTh, Montague Hall 80, In Person Term Based; Brian Gute ; 4 cr.
 64943 003 DIS, 8:00- 8:50 Th, Chemistry Building 155, In Person Term Based; Kate Kallevig ; 4 cr.
 64944 005 DIS, 9:00- 9:50 Th, Ed Endazhi-gikinoov'amaading 50, In Person Term Based; Kate Kallevig ; 4 cr.
 64945 007 DIS, 10:00-10:50 Th, Ed Endazhi-gikinoov'amaading 36, In Person Term Based; Kate Kallevig ; 4 cr.
 64946 009 DIS, 11:00-11:50 Th, Chemistry Building 155, In Person Term Based; Kate Kallevig ; 4 cr.
 64947 011 DIS, 12:00-12:50 Th, James I Swenson Sci Bldg 115, In Person Term Based; Kate Kallevig ; 4 cr.

1156 General Chemistry Lab II

(A-F or Audit; Prereq: 1151 or 1161 or 1154 or 1174, concurrent or previous enrollment in CHEM 1155; credit will not be granted if already received for Chem 1152, 1162 or 1176.)

63341 004 LAB, 9:00-11:50 M, James I Swenson Sci Bldg 143, In Person Term Based; Sangeeta Mereddy ; 1 cr.
 63342 006 LAB, 9:00-11:50 M, James I Swenson Sci Bldg 145, In Person Term Based; Sangeeta Mereddy ; 1 cr.
 63344 010 LAB, 14:00-16:50 M, James I Swenson Sci Bldg 143, In Person Term Based; Sangeeta Mereddy ; 1 cr.
 63345 012 LAB, 14:00-16:50 M, James I Swenson Sci Bldg 145, In Person Term Based; Sangeeta Mereddy ; 1 cr.
 63347 016 LAB, 8:00-10:50 T, James I Swenson Sci Bldg 143, In Person Term Based; Sangeeta Mereddy ; 1 cr.
 63349 020 LAB, 11:00-13:50 T, James I Swenson Sci Bldg 143, In Person Term Based; Sangeeta Mereddy ; 1 cr.
 63351 024 LAB, 14:00-16:50 T, James I Swenson Sci Bldg 143, In Person Term Based; Sangeeta Mereddy ; 1 cr.
 63353 028 LAB, 9:00-11:50 W, James I Swenson Sci Bldg 143, In Person Term Based; Sangeeta Mereddy ; 1 cr.
 63355 032 LAB, 14:00-16:50 W, James I Swenson Sci Bldg 143, In Person Term Based; Sangeeta Mereddy ; 1 cr.
 63357 036 LAB, 8:00-10:50 Th, James I Swenson Sci Bldg 143, In Person Term Based; Sangeeta Mereddy ; 1 cr.
 63358 038 LAB, 8:00-10:50 Th, James I Swenson Sci Bldg 145, In Person Term Based; Sangeeta Mereddy ; 1 cr.
 63360 042 LAB, 11:00-13:50 Th, James I Swenson Sci Bldg 143, In Person Term Based; Sangeeta Mereddy ; 1 cr.
 63361 044 LAB, 11:00-13:50 Th, James I Swenson Sci Bldg 145, In Person Term Based; Sangeeta Mereddy ; 1 cr.
 63362 046 LAB, 14:00-16:50 Th, James I Swenson Sci Bldg 143, In Person Term Based; Sangeeta Mereddy ; 1 cr.
 63434 048 LAB, 14:00-16:50 Th, James I Swenson Sci Bldg 145, In Person Term Based; Sangeeta Mereddy ; 1 cr.

1175 General Chemistry II for Majors

(A-F or Audit; Prereq: CHEM 1173 or CHEM 1153 and BS-Chemistry major or BS-Biochemical major or BA-

Chemistry major of BA-Biochemistry major or by instructor consent)

63555 001 LEC, 13:00-13:50 MTWThF, Life Sciences Bldg 185, In Person Term Based; Ahmed Heikal ; 4 cr.

1176 General Chemistry II Lab for Majors

(A-F or Audit; Prereq: previous of concurrent enrollment in CHEM 1175)
 63556 002 LAB, 9:00-11:50 T, James I Swenson Sci Bldg 145, In Person Term Based; Jacob Wainman ; 1 cr.
 63557 004 LAB, 14:00-16:50 T, James I Swenson Sci Bldg 145, In Person Term Based; Jacob Wainman ; 1 cr.
 63558 006 LAB, 9:00-11:50 W, James I Swenson Sci Bldg 145, In Person Term Based; Jacob Wainman ; 1 cr.
 63559 008 LAB, 14:00-16:50 W, James I Swenson Sci Bldg 145, In Person Term Based; Jacob Wainman ; 1 cr.

1191 Independent Study

(A-F or Audit; Prereq: department consent)
 62833 001 IND, 00:00-00:00 , Independent/Directed Study; 1-2 cr.

2222 Quantitative Analysis

(A-F or Audit; Prereq: 1152 or 1162 or 1155 and 1156 or 1175 and 1175, concurrent registration in 2223 is strongly recommended)

62830 001 LEC, 12:00-12:50 MWF, Solon Campus Center 120, In Person Term Based; Kathryn Schreiner ; 3 cr.

2223 Quantitative Analysis Laboratory

(A-F or Audit; Prereq: 1152 or 1162 or 1155 and 1156 or 1175 and 1176; concurrent registration in 2222 is required)

62960 002 LAB, 9:00-11:50 T, Chemistry Building 232, In Person Term Based; Melissa Maurer-Jones ; 1 cr.
 62961 003 LAB, 14:00-16:50 T, Chemistry Building 232, In Person Term Based; Melissa Maurer-Jones ; 1 cr.
 62962 004 LAB, 14:00-16:50 W, Chemistry Building 232, In Person Term Based; Melissa Maurer-Jones ; 1 cr.
 62963 005 LAB, 9:00-11:50 Th, Chemistry Building 232, In Person Term Based; Melissa Maurer-Jones ; 1 cr.
 63051 001 LAB, 14:00-16:50 M, Chemistry Building 232, In Person Term Based; Melissa Maurer-Jones ; 1 cr.
 63052 006 LAB, 14:00-16:50 Th, Chemistry Building 232, In Person Term Based; Melissa Maurer-Jones ; 1 cr.

2541 Organic Chemistry I

(A-F or Audit; Prereq: 1152 or 1162 or 1155 and 1156 or 1175 and 1176; credit will not be granted if already received for 2521)

63133 001 LEC, 11:00-11:50 MWF, Chemistry Building 150, In Person Term Based; Viktor Zhdankin ; 3 cr.

2542 Organic Chemistry II

(A-F or Audit; Prereq: 2521 or 2541; credit will not be granted if already received for 2522, 2532)

63138 001 LEC, 10:00-10:50 MWF, Chemistry Building 200, In Person Term Based; Peter Grundt ; 3 cr.

2543 Organic Chemistry I Laboratory

(A-F or Audit; Prereq: 1152 or 1162 or 1155 and 1156 or 1175 and 1176, must be taken after or concurrently with CHEM 2541; credit will not be granted if already received for 2521, CHE 3231, ENGR 2110)

63134 001 LAB, 15:00-16:50 M, James I Swenson Sci Bldg 226, In Person Term Based; Viktor Zhdankin ; 1 cr.
 63135 002 LAB, 9:00-10:50 T, James I Swenson Sci Bldg 226, In Person Term Based; Viktor Zhdankin ; 1 cr.
 63137 004 LAB, 15:00-16:50 W, James I Swenson Sci Bldg 226, In Person Term Based; Viktor Zhdankin ; 1 cr.
 63456 005 LAB, 12:00-13:50 Th, James I Swenson Sci Bldg 226, In Person Term Based; Viktor Zhdankin ; 1 cr.

2544 Organic Chemistry II Laboratory

(A-F or Audit; Prereq: 2521 or (2541 and 2543), must be taken after or concurrently with CHEM 2542; credit will not be granted if already received for 2522, 2532, 2545)

63139 001 LAB, 15:00-16:50 M, James I Swenson Sci Bldg 228, In Person Term Based; Peter Grundt ; 1 cr.
 63140 002 LAB, 9:00-10:50 T, James I Swenson Sci Bldg 228, In Person Term Based; Peter Grundt ; 1 cr.
 63141 003 LAB, 9:00-10:50 T, James I Swenson Sci Bldg 232, In Person Term Based; Peter Grundt ; 1 cr.
 63142 004 LAB, 12:00-13:50 T, James I Swenson Sci Bldg 228, In Person Term Based; Peter Grundt ; 1 cr.
 63143 005 LAB, 15:00-16:50 T, James I Swenson Sci Bldg 226, In Person Term Based; Peter Grundt ; 1 cr.
 63144 006 LAB, 15:00-16:50 T, James I Swenson Sci Bldg 228, In Person Term Based; Peter Grundt ; 1 cr.
 63145 007 LAB, 15:00-16:50 W, James I Swenson Sci Bldg 228, In Person Term Based; Peter Grundt ; 1 cr.
 63147 009 LAB, 9:00-10:50 Th, James I Swenson Sci Bldg 228, In Person Term Based; Peter Grundt ; 1 cr.
 63148 010 LAB, 9:00-10:50 Th, James I Swenson Sci Bldg 232, In Person Term Based; Peter Grundt ; 1 cr.

63182 011 LAB, 12:00-13:50 Th, James I Swenson Sci Bldg 228, In Person Term Based; Peter Grundt ; 1 cr.
 63275 012 LAB, 15:00-16:50 Th, James I Swenson Sci Bldg 226, In Person Term Based; Peter Grundt ; 1 cr.

2545 Organic Chemistry II Laboratory for B.S. Chemistry Majors

(A-F or Audit; Prereq: 2521 or (2541 and 2543), must be taken after or concurrently with CHEM 2542; credit will not be granted if already received for 2532)
 63149 001 LAB, 15:00-16:50 MW, James I Swenson Sci Bldg 232, In Person Term Based; Sangeeta Mereddy ; 2 cr.
 63150 002 LAB, 12:00-13:50 TTh, James I Swenson Sci Bldg 232, In Person Term Based; Sangeeta Mereddy ; 2 cr.

3097 Internship in Chemistry

(S-N only; Prereq: 2521 or 2541 or 2223, chemistry or biochemistry/molecular biology majors and department consent)
 63154 001 FWK, 00:00-00:00 , Independent/Directed Study; 1-2 cr.

3194 Chemistry Undergraduate Research

(S-N or Audit; Prereq: department consent)
 63307 001 IND, 00:00-00:00 , Independent/Directed Study; 1-3 cr.

3322 Biochemistry

(A-F or Audit; Prereq: 2522 or 2532 or 2542)
 62831 001 LEC, 12:00-12:50 MWF, Chemistry Building 200, In Person Term Based; Jacob Wainman ; 3 cr.

3324 Biochemistry Laboratory

(A-F or Audit; Prereq: 2522 or 2532 or 2542; previous or concurrent registration in 3322)

62920 003 LAB, 14:00-16:50 T, James I Swenson Sci Bldg 244, In Person Term Based; Anne Hinderliter ; 1 cr.
 63300 007 LAB, 14:00-16:50 W, James I Swenson Sci Bldg 244, In Person Term Based; Anne Hinderliter ; 1 cr.
 63510 008 LAB, 14:00-16:50 W, James I Swenson Sci Bldg 246, In Person Term Based; Anne Hinderliter ; 1 cr.
 63513 011 LAB, 14:00-16:50 Th, James I Swenson Sci Bldg 244, In Person Term Based; Anne Hinderliter ; 1 cr.
 63514 012 LAB, 14:00-16:50 Th, James I Swenson Sci Bldg 246, In Person Term Based; Anne Hinderliter ; 1 cr.

3432 Descriptive Inorganic Chemistry

(A-F or Audit; Prereq: (2222 or 2242)and 2542)
 63166 001 LEC, 12:00-13:50 TTh, Montague Hall 80, In Person Term Based; Steven Berry ; 3 cr.

4185 Undergraduate Seminar II

(S-N or Audit; Prereq: 4184)
 63035 001 LEC, 14:00-16:00 F, Chemistry Building 150, In Person Term Based; Melissa Maurer-Jones ; 1 cr.
 63429 002 LEC, 14:00-16:00 F, James I Swenson Sci Bldg 203, In Person Term Based; Peter Grundt ; 1 cr.
 63430 003 LEC, 14:00-16:00 F, James I Swenson Sci Bldg 202, In Person Term Based; Anne Hinderliter ; 1 cr.
 63431 004 LEC, 14:00-16:00 F, Montague Hall 239, In Person Term Based; Viktor Zhdankin ; 1 cr.
 63432 005 LEC, 14:00-16:00 F, Chemistry Building 251, In Person Term Based; Steven Berry ; 1 cr.

4242 Instrumental Analysis

(A-F or Audit; Prereq: 2222, 4632 or 4634 or 4642)
 62853 001 LEC, 13:00-13:50 MWF, Engineering Building 280, In Person Term Based; Melissa Maurer-Jones ; 3 cr.

4243 Instrumental Chemistry Laboratory

(A-F or Audit; Prereq: 2223, must be taken after or concurrently with CHEM 4242)
 62964 001 LAB, 14:00-16:50 MW, Chemistry Building 342, In Person Term Based; John Evans ; 2 cr.
 63023 002 LAB, 9:00-11:50 TTh, Chemistry Building 342, In Person Term Based; John Evans ; 2 cr.

4352 Biochemistry II

(A-F or Audit; Prereq: 4351)
 63058 001 LEC, 8:00- 8:50 MWF, Chemistry Building 150, In Person Term Based; Erin Sheets ; 3 cr.

4642 Physical Chemistry II

(A-F or Audit; Prereq: 4641)
 62832 001 LEC, 10:00-10:50 MWF, Kirby Plaza 312, In Person Term Based; Paul Siders ; 3 cr.

4644 Physical Chemistry Laboratory II

(A-F or Audit; Prereq: 4643, 4642 may be taken concurrent)
 62965 001 LAB, 14:00-16:50 T, Chemistry Building 342, In Person Term Based; Paul Siders ; 1 cr.
 63251 003 LAB, 14:00-16:50 Th, Chemistry Building 342, In Person Term Based; Paul Siders ; 1 cr.

4659 Fluorescence Methods in Life Science
(A-F or Audit; Prereq: 3322 or 4351 and 4642 or 4634 or instructor consent)

64950 001 LEC, 8:00- 8:50 MWF, Ed Endazhigikino/amaading 16, In Person Term Based; Meets With: 001 CHEM 5659; Ahmed Heikal ; 3 cr.

5650 Computational Chemistry
(A-F or Audit; Prereq: 4642 or equivalent or Grad student)

63483 001 LEC, 15:30-17:00 TTh, Kirby Plaza 143, In Person Term Based; Alessandro Cembran ; 3 cr.

5659 Fluorescence Methods in Life Science
(A-F or Audit; Prereq: grad student or instructor consent)

64951 001 LEC, 8:00- 8:50 MWF, Ed Endazhigikino/amaading 16, In Person Term Based; Meets With: 001 CHEM 4659; Ahmed Heikal ; 3 cr.

5994 Directed Research in Chemistry
(Student Option; Prereq: Min 90 cr or grad in the sciences or engineering or instructor consent)

62994 001 IND, 00:00-00:00 . , Independent/Directed Study; 1-3 cr.

8184 Seminar

(S-N or Audit; Prereq: Grad chem major or instructor consent)

62834 001 LEC, 14:00-15:50 F, Chemistry Building 200, In Person Term Based; Viktor Zhdankin ; 1 cr.

8333 FTE: Master's

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

62684 001 IND, 00:00-00:00 . , Independent/Directed Study; 1 cr.

8424 Advanced Inorganic Chemistry II
(A-F or Audit; Prereq: grad student or instructor permission)

63022 001 LEC, 12:00-13:50 WF, Kirby Plaza 143, In Person Term Based; Paul Kiprof ; 4 cr.

8444 FTE: Doctoral

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

62929 001 IND, 00:00-00:00 . , Independent/Directed Study; 1 cr.

8524 Advanced Organic Chemistry II
(A-F or Audit; Prereq: grad student or instructor permission)

63041 001 LEC, 17:30-19:20 MW, Solon Campus Center 21, In Person Term Based; Venkatram Meredy ; 4 cr.

8666 Doctoral Pre-Thesis Credits(No Grade Associated; Prereq: Max 6 cr per semester or summer; doctoral student who has not passed prelim oral; no required consent for the first two registrations up to 12 cr; departmental consent for the third and fourth registrations up to an additional 12 cr, or 24 cr total (for doctoral students admitted summer 2007 and beyond; doctoral students admitted prior to summer 2007 may register up to 4 times totaling 60 cr))
62931 001 IND, 00:00-00:00 . , Independent/Directed Study; 1-6 cr.**8720 Modern Mass Spectrometry**
(A-F or Audit; Prereq: Grad student)

64949 001 LEC, 17:30-19:00 MW, James I Swenson Sci Bldg 115, In Person Term Based; John Evans ; 3 cr.

8777 Thesis Credits: Master's

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

62933 001 IND, 00:00-00:00 . , Independent/Directed Study; 1-18 cr.

8888 Thesis Credits: Doctoral

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

62945 001 IND, 00:00-00:00 . , Independent/Directed Study; 1-24 cr.

Chinese (CHIN)**1102 Beginning Chinese II: A Practical Introduction to Everyday Mandarin Chinese**

(A-F or Audit; Prereq: 1101COMM & LAN)

62467 001 LEC, 11:00-11:50 MTThF, Bohannon Hall 104, In Person Term Based; Weiqing Zhang ; 4 cr.

3042 Aspects of Chinese Cultures: Interface between Traditions and Contemporary Values

(A-F or Audit; GLOBAL PER.HUMANITIES)

65835 001 LEC, 15:00-16:50 TTh, Humanities Building 464, In Person Term Based; Weiqing Zhang ; 4 cr.

3591 Independent Study

(A-F only; Prereq: instructor consent)

62562 001 IND, Independent/Directed Study; Weiqing Zhang ; 1-4 cr.

Civil Engineering (CE)**1025 Introduction to Civil Engineering**

(A-F or Audit; Prereq: Civil Engineering students only)

63290 001 LEC, 11:00-11:50 M, Swenson Civil Engineering 265, In Person Term Based; Adrian Hanson ; 1 cr.

2017 Engineering Mechanics: Statics and Mechanics of Materials

(A-F or Audit; Prereq: MATH 1297, PHYS 2011 or 2013 or 2017 and 2014; credit will not be granted if already received for ENGR 2015 and ENGR 2016 combined.)

63283 002 LEC, 11:00-11:50 MTWThF, Engineering Building 280, In Person Term Based; Darrin Johnson ; 5 cr.
63661 003 LEC, 12:00-12:50 MTWThF, Swenson Civil Engineering 265, In Person Term Based; Brian Kohn ; 5 cr.**2020 Computational Tools for Civil Engineers**

(A-F or Audit;)

66897 001 LEC, 13:00-13:50 MWF, Swenson Civil Engineering 265, In Person Term Based; Carlos Carranza-Torres ; 4 cr.

66898 002 LAB, 10:00-11:50 W, Swenson Civil Engineering 224, In Person Term Based; Carlos Carranza-Torres ; 4 cr.

66899 003 LAB, 14:00-15:50 W, Swenson Civil Engineering 224, In Person Term Based; Carlos Carranza-Torres ; 4 cr.

3015 CAD & Engineering Drawing

(A-F or Audit; Prereq: 2017)

63178 001 LAB, 17:00-19:30 T, Swenson Civil Engineering 224, In Person Term Based; Casey Goldberg ; 3 cr.

3025 Environmental Engineering

(A-F only; Prereq: Chem 1151 or 1153 and 1154, CE 3221, BSCE candidate/SUSTAIN)

63296 001 LEC, 9:00- 9:50 MWF, Swenson Civil Engineering 231, In Person Term Based; Chanlan Chun ; 4 cr.

63488 002 LAB, 12:00-13:50 W, Voss-Kovach Hall 131, In Person Term Based; Chanlan Chun ; 4 cr.

63489 003 LAB, 14:00-15:50 W, Voss-Kovach Hall 131, In Person Term Based; Chanlan Chun ; 4 cr.

3026 Project Management

(A-F or Audit;)

63291 001 LEC, 16:00-18:30 W, Swenson Civil Engineering 231, In Person Term Based; John Rashid ; 3 cr.

3027 Infrastructure Materials

(A-F or Audit; Prereq: 2017, BSCE candidate)

63285 001 LEC, 11:00-12:15 TTh, Swenson Civil Engineering 231, In Person Term Based; Manik Barman ; 4 cr.

63286 002 LAB, 14:30-16:20 Th, Swenson Civil Engineering 161, In Person Term Based; Manik Barman ; 4 cr.

63287 003 LAB, 14:30-16:20 T, Swenson Civil Engineering 161, In Person Term Based; Manik Barman ; 4 cr.

3115 Structural Analysis

(A-F or Audit; Prereq: 2017, Math 3280 (concurrent), BSCE candidate)

63288 001 LEC, 10:00-10:50 MWF, Swenson Civil Engineering 231, In Person Term Based; Mary Christiansen ; 3 cr.

3221 Fluid Mechanics

(A-F or Audit; Prereq: 2017, Math 3280 (concurrent))

63289 001 LEC, 9:30-10:45 TTh, Engineering Building 118, In Person Term Based; Brian Kohn ; 3 cr.

3225 Hydraulics and Hydrology

(A-F or Audit; Prereq: 3221, Math 3280 (concurrent), BSCE candidate)

63181 001 LEC, 11:00-11:50 WF, Swenson Civil Engineering 265, In Person Term Based; Gustavo Merten ; 3 cr.

63192 002 LAB, 11:00-12:50 M, Swenson Civil Engineering 161, In Person Term Based; Gustavo Merten ; 3 cr.

63363 003 LAB, 13:00-14:50 M, Swenson Civil Engineering 161, In Person Term Based; Gustavo Merten ; 3 cr.

3316 Transportation Engineering

(A-F or Audit; Prereq: BSCE candidate)

63284 001 LEC, 8:00- 8:50 W, Engineering Building 280, 8:00- 9:15 TTh, Swenson Civil Engineering 265, In Person Term Based; Eil Kwon ; 4 cr.

3426 Soil Mechanics

(A-F or Audit; Prereq: 2017, 3425 or 2425 or 2435, BSCE candidate)

63176 002 LAB, 12:30-14:20 T, Swenson Civil Engineering 161, In Person Term Based; David Saftner ; 4 cr.

63177 001 LEC, 9:30-10:45 TTh, Swenson Civil Engineering 231, In Person Term Based; David Saftner ; 4 cr.

63281 003 LAB, 12:30-14:20 Th, Swenson Civil Engineering 161, In Person Term Based; David Saftner ; 4 cr.

4096 Cooperative Education I

(A-F or Audit; Prereq: CE candidate, instructor consent; no grad credit)

63446 001 IND, Independent/Directed Study; Carlos Carranza-Torres ; 1 cr.

4115 Design of Steel Structures

(A-F or Audit; Prereq: 3115, BSCE candidate, no grad credit)

66903 001 LEC, 17:00-19:30 Th, Swenson Civil Engineering 265, In Person Term Based; Michael Plumier ; 3 cr.

4126 Design of Concrete Structures

(A-F or Audit; Prereq: 3115, BSCE Candidate, no Grad cr)

63180 001 LEC, 14:00-14:50 MWF, Swenson Civil Engineering 231, In Person Term Based; Ben Dymond ; 3 cr.

4135 Advanced Reinforced Concrete and Steel Design

(A-F or Audit;)

63523 001 LEC, 9:30-10:45 TTh, Swenson Civil Engineering 265, In Person Term Based; Meets With: 001 CE 5135; Sara Ojard ; 3 cr.

4213 Open Channel Hydraulics

(A-F or Audit;)

63848 001 LEC, 9:00- 9:50 MWF, Swenson Civil Engineering 265, In Person Term Based; Gustavo Merten ; 3 cr.

4228 Watershed Engineering

(A-F or Audit;)

63849 001 LEC, 10:00-10:50 MWF, Swenson Civil Engineering 265, In Person Term Based; Adrian Hanson ; 3 cr.

4255 Senior Design

(A-F only; Prereq: instructor consent, no Grad cr)

63398 001 LAB, 14:00-15:20 Th, Swenson Civil Engineering 231, 14:00-16:00 T, Swenson Civil Engineering 231, In Person Term Based; Sara Ojard ; 4 cr.

4256 Design of Water and Waste Water Treatment Plants

(A-F or Audit; Prereq: 3025 or instructor consent)

63520 001 LEC, 8:00- 8:50 MWF, Swenson Civil Engineering 231, In Person Term Based; Adrian Hanson ; 3 cr.

4315 Design of Traffic Control Systems

(A-F or Audit; Prereq: 3316, no grad credit)

63815 001 LEC, 15:00-17:30 W, Swenson Civil Engineering 265, In Person Term Based; Meets With: 001 CE 5315; Eil Kwon ; 3 cr.

4318 Pavement Maintenance, Rehabilitation, and Management

(A-F or Audit; Prereq: 3027, 3316 or instructor consent; no grad credit)

63816 001 LEC, 12:30-13:45 TTh, Swenson Civil Engineering 231, In Person Term Based; Meets With: 001 CE 5318; Manik Barman ; 3 cr.

4596 Cooperative Education II

(A-F or Audit; Prereq: CE candidate, instructor consent; no grad credit)

63447 001 IND, Independent/Directed Study; Carlos Carranza-Torres ; 2 cr.

4991 Independent Study in Civil Engineering

(A-F or Audit; Prereq: CE upper division student, instructor consent; no graduate credit)

63502 001 IND, Independent/Directed Study; 1-4 cr.

63503 002 IND, Independent/Directed Study; 1-4 cr.

63504 003 IND, Independent/Directed Study; 1-4 cr.

63505 004 IND, Independent/Directed Study; 1-4 cr.

5027 Advanced Infrastructure Materials

(A-F or Audit; Prereq: Graduate status or instructor consent)

66909 001 LEC, 9:00-9:50 MW, Engineering Building 280, In Person Term Based; Mary Christiansen ; 3 cr.
 66919 002 LAB, 14:00-15:50 M, Swenson Civil Engineering 169, In Person Term Based; Mary Christiansen ; 3 cr.

5127 Bridge Analysis and Design

(A-F or Audit; Prereq: CE 4115 and CE 4128 or Grad student)

63843 001 LEC, 11:00-11:50 MWF, Swenson Civil Engineering 231, In Person Term Based; Ben Dymond ; 3 cr.

5135 Advanced Reinforced Concrete and Steel Design

(A-F or Audit;)

63821 001 LEC, 9:30-10:45 TTh, Swenson Civil Engineering 265, In Person Term Based; Meets With: 001 CE 4135; Sara Ojard ; 3 cr.

5201 Water Policy

(A-F or Audit; Prereq: graduate student or instructor consent)

69733 001 LEC, 15:30-16:45 TTh, Cina Hall 224, In Person Term Based; Meets With: 001 WRS 5101; Afton Clarke-Sather ; 3 cr.

5315 Design of Traffic Control Systems

(A-F or Audit; Prereq: 3316 or grad student)

63820 001 LEC, 15:00-17:30 W, Swenson Civil Engineering 265, In Person Term Based; Meets With: 001 CE 4315; Eil Kwon ; 3 cr.

5318 Pavement Maintenance, Rehabilitation, and Management

(A-F or Audit; Prereq: 3027, 3316 or CE graduate student)

63817 001 LEC, 12:30-13:45 TTh, Swenson Civil Engineering 231, In Person Term Based; Meets With: 001 CE 4318; Manik Barman ; 3 cr.

5555 Project Credits: Master of Engineering (Civil)

(A-F or Audit; Prereq: Civil Engineering MEng Student)

63461 002 IND, Independent/Directed Study; 3-6 cr.

5991 Graduate Independent Study in Civil Engineering

(A-F or Audit; Prereq: CE MEng candidate, instructor consent)

63308 001 IND, Independent/Directed Study; Rebecca Teasley ; 1-12 cr.
 63393 002 IND, Independent/Directed Study; Ben Dymond ; 1-12 cr.
 63394 003 IND, Independent/Directed Study; Adrian Hanson ; 1-12 cr.

5995 Special Topics in Civil Engineering: (Various Titles to be Assigned)

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

68924 001 LEC, 8:00-9:15 TTh, Swenson Civil Engineering 231, In Person Term Based; Martin Halvorson ; 1-4 cr.

8020 Graduate Seminar

(S-N only;)

69700 001 LEC, 12:00-12:50 F, Swenson Civil Engineering 161, In Person Term Based; Carlos Carranza-Torres ; 1 cr.

8094 Civil Engineering Master's Project

(S-N or Audit; Prereq: Graduate student)

63377 001 IND, Independent/Directed Study; David Sattner ; 1-6 cr.
 63378 002 IND, Independent/Directed Study; Ben Dymond ; 1-6 cr.
 63379 003 IND, Independent/Directed Study; 1-6 cr.
 63380 004 IND, Independent/Directed Study; 1-6 cr.
 63381 005 IND, Independent/Directed Study; 1-6 cr.
 63382 006 IND, Independent/Directed Study; 1-6 cr.

8333 FTE: Master's

(No Grade Associated;)

70236 001 IND, In Person Term Based; 1 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: graduate student; max 12 cr per semester or summer, 10 cr total required (Plan A only))

63388 001 IND, Independent/Directed Study; Ben Dymond ; 1-12 cr.
 63389 002 IND, Independent/Directed Study; Chanlan Chun ; 1-12 cr.

63390 003 IND, Independent/Directed Study; Andrea Schokker ; 1-12 cr.

63391 004 IND, Independent/Directed Study; David Sattner ; 1-12 cr.

63392 005 IND, Independent/Directed Study; Mary Christiansen ; 1-12 cr.

63399 006 IND, Independent/Directed Study; 1-12 cr.
 66916 007 IND, In Person Term Based; 1-12 cr.

Coaching (CC)**3117 Functional Anatomy and Sport Injury Management**

(A-F or Audit; Prereq: Coaching minor or instructor consent)

61685 001 LEC, 17:30-20:20 M, Sports and Health Center 8, In Person Term Based; Elizabeth Fleissner ; 3 cr.

3161 Administrative Aspects of Coaching

(A-F or Audit; Prereq: Coaching minor or instructor consent)

61810 001 LEC, 10:00-10:50 MWF, Sports and Health Center 8, In Person Term Based; Elizabeth Fleissner ; 3 cr.

3170 Coaching and Officiating Football

(A-F or Audit; Prereq: Coaching minor or instructor consent)

61946 001 LEC, 18:00-19:50 M, Sports and Health Center 208, In Person Term Based; Trey Dill ; 2 cr.

3171 Coaching and Officiating Basketball

(A-F or Audit; Prereq: Coaching minor or instructor consent)

61856 001 LEC, 11:00-11:50 TTh, Sports and Health Center 150, 11:00-11:50 TTh, Sports and Health Center 207, 11:00-11:50 TTh, Sports and Health Center 155, In Person Term Based; Patricia Wendinger ; 2 cr.

3991 Independent Study

(A-F or Audit; Prereq: Coaching minor and instructor consent)

66908 001 IND, In Person Term Based; Jim Knapp ; 1-4 cr.

3997 Coaching Practicum

(S-N only; Prereq: completed all required Coaching minor courses or in progress and instructor consent)

61517 001 FWK, Independent/Directed Study; Jim Knapp ; 2 cr.

Communication (COMM)**1000 Human Communication Theory**

(A-F or Audit; SOC SCI)

62194 001 LEC, 11:00-12:15 TTh, Montague Hall 70, In Person Term Based; Aaron Boyson ; 3 cr.

1112 Public Speaking

(A-F or Audit; COMM & LAN)

62324 001 LEC, 11:00-12:15 TTh, Cina Hall 308, In Person Term Based; Daniel Egley ; 3 cr.
 62325 003 LEC, 12:30-13:45 TTh, Bohannon Hall 346, In Person Term Based; Barb Titus ; 3 cr.
 62326 004 LEC, 14:00-15:15 TTh, Ed Endazhigikino'amaading 32, In Person Term Based; Nora Twite ; 3 cr.
 62327 005 LEC, 14:00-15:15 TTh, Cina Hall 308, In Person Term Based; Daniel Egley ; 3 cr.
 62328 006 LEC, 15:30-16:45 TTh, Bohannon Hall 104, In Person Term Based; Jean Farrell ; 3 cr.
 62329 007 LEC, 8:00-8:50 MWF, A B Anderson Hall 435, In Person Term Based; Brian Matuszak ; 3 cr.
 62330 008 LEC, 9:00-9:50 MWF, A B Anderson Hall 435, In Person Term Based; Alastair Knowles ; 3 cr.
 62331 009 LEC, 9:00-9:50 MWF, A B Anderson Hall 245, In Person Term Based; Brian Matuszak ; 3 cr.
 62332 010 LEC, 10:00-10:50 MWF, A B Anderson Hall 435, In Person Term Based; Alastair Knowles ; 3 cr.
 62333 011 LEC, 11:00-11:50 MWF, A B Anderson Hall 435, In Person Term Based; Alastair Knowles ; 3 cr.
 62334 012 LEC, 17:00-19:30 W, Bohannon Hall 104, In Person Term Based; Jean Farrell ; 3 cr.
 65663 002 LEC, 12:30-13:45 TTh, Cina Hall 224, In Person Term Based; Nora Twite ; 3 cr.

1222 Interpersonal Communication

(A-F or Audit; COMM & LAN)

62335 001 LEC, 9:30-10:45 TTh, Cina Hall 106, In Person Term Based; Nora Twite ; 3 cr.
 62336 002 LEC, 11:00-12:15 TTh, Cina Hall 224, In Person Term Based; Nora Twite ; 3 cr.

62337 003 LEC, 12:30-13:45 TTh, Cina Hall 308, In Person Term Based; Daniel Egley ; 3 cr.

62338 004 LEC, 14:00-15:15 TTh, Bohannon Hall 346, In Person Term Based; Barb Titus ; 3 cr.

62339 006 LEC, 14:00-15:15 TTh, Bohannon Hall 104, In Person Term Based; Jean Farrell ; 3 cr.

62340 007 LEC, 17:00-19:30 T, Bohannon Hall 104, In Person Term Based; Jean Farrell ; 3 cr.

62341 009 LEC, 9:00-9:50 MWF, A B Anderson Hall 445, In Person Term Based; Angela Blais ; 3 cr.

62342 010 LEC, 10:00-10:50 MWF, Cina Hall 224, In Person Term Based; Angela Blais ; 3 cr.

62343 011 LEC, 10:00-10:50 MWF, Bohannon Hall 346, In Person Term Based; Brian Matuszak ; 3 cr.

62483 013 LEC, 11:00-11:50 MWF, Cina Hall 106, In Person Term Based; Kristin Carlson ; 3 cr.

62484 014 LEC, 12:00-12:50 MWF, A B Anderson Hall 425, In Person Term Based; Kristin Carlson ; 3 cr.

62485 015 LEC, 13:00-13:50 MWF, A B Anderson Hall 435, In Person Term Based; Kristin Carlson ; 3 cr.

65664 005 LEC, 15:30-16:45 TTh, Ed Endazhigikino'amaading 40, In Person Term Based; Barb Titus ; 3 cr.

65665 008 LEC, 8:00-8:50 MWF, A B Anderson Hall 445, In Person Term Based; Angela Blais ; 3 cr.

65666 012 LEC, 11:00-11:50 MWF, Cina Hall 224, In Person Term Based; Angela Blais ; 3 cr.

1500 Media and Society

(A-F or Audit; HUMANITIES)

62312 001 LEC, 9:00-9:50 MWF, Montague Hall 70, In Person Term Based; Lawrence Bernabo ; 3 cr.

1600 Argumentation and Debate: A**Practical Approach**

(A-F or Audit; LOGIC & QR)

65679 001 LEC, 14:00-14:50 MWF, Cina Hall 102, In Person Term Based; Lawrence Bernabo ; 3 cr.

2025 Communication Inquiry: Rhetorical**and Historical Methods**

(A-F or Audit; Prereq: Communication major, minimum 30 credits)

62288 001 LEC, 8:00-9:50 MW, A B Anderson Hall 425, In Person Term Based; Michael Pfau ; 3 cr.

62576 002 LEC, 10:00-11:50 MW, A B Anderson Hall 425, In Person Term Based; Michael Pfau ; 3 cr.

2030 Communication Inquiry: Social**Scientific Methods**

(A-F or Audit; Prereq: Comm major, minimum 30 credits)

62289 001 LEC, 8:00-9:50 TTh, A B Anderson Hall 435, In Person Term Based; Jacquelyn Harvey ; 3 cr.

62323 002 LEC, 10:00-11:50 TTh, A B Anderson Hall 435, In Person Term Based; Jacquelyn Harvey ; 3 cr.

3116 Professional Communication

(A-F or Audit; Prereq: 1112 or 1511)

62662 001 LEC, 14:00-14:50 MWF, A B Anderson Hall 425, In Person Term Based; Kristin Carlson ; 3 cr.

3215 Conflict Management

(A-F or Audit; Prereq: Minimum 30 credits, communication major or minor or instructor consent)

62661 001 LEC, 8:00-9:15 TTh, A B Anderson Hall 425, In Person Term Based; Trista Anderson ; 3 cr.

3223 Communication and Creativity

(A-F or Audit; Prereq: Minimum 30 credits or instructor consent)

62457 001 LEC, 16:00-17:50 TTh, A B Anderson Hall 425, In Person Term Based; Elizabeth Nelson ; 3 cr.

3225 Listening Across Difference

(A-F or Audit;)

69689 001 LEC, 10:00-11:50 TTh, A B Anderson Hall 425, In Person Term Based; Elizabeth Parks ; 3 cr.

3295 Special Topics: Interpersonal**Communication (Various titles to be assigned)**

(A-F only; Prereq: no grad credit)

62488 001 LEC, 16:00-18:30 T, A B Anderson Hall 445, In Person Term Based; Jacquelyn Harvey ; 3 cr.

3300 Teaching Assistantship in**Communication**

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

62305 001 FWK, Independent/Directed Study; Jean Farrell ; 1-3 cr.

62511 002 FWK, Independent/Directed Study; Barb Titus ; 1-3 cr.

62512 003 FWK, Independent/Directed Study; Ryan Goel ; 1-3 cr.
 62513 004 FWK, Independent/Directed Study; Rebecca de Souza ; 1-3 cr.
 62514 005 FWK, Independent/Directed Study; Michael Pfau ; 1-3 cr.
 62515 006 FWK, Independent/Directed Study; Nora Twite ; 1-3 cr.
 62516 007 FWK, Independent/Directed Study; Edward Downs ; 1-3 cr.
 62517 008 FWK, Independent/Directed Study; Aaron Boyson ; 1-3 cr.
 62573 009 FWK, In Person Term Based; Jacquelyn Harvey ; 1-3 cr.
 69690 010 FWK, In Person Term Based; Jennifer Moore ; 1-3 cr.
 69737 011 FWK, In Person Term Based; Elizabeth Parks ; 1-3 cr.

3310 Research Assistant in Communication

(S-N only; Prereq: instructor consent)
 69815 004 FWK, In Person Term Based; 1-6 cr.

3405 Health Campaigns

(A-F or Audit;)
 62656 001 LEC, 12:00-13:50 M, A B Anderson Hall 445, Partially Online; Rebecca de Souza ; 3 cr.
 62657 002 LEC, 12:00-13:50 W, A B Anderson Hall 445, Partially Online; Rebecca de Souza ; 3 cr.

3505 Media Communications

(A-F or Audit; Prereq: WRIT 1120)
 65681 001 LEC, 14:00-15:50 MW, A B Anderson Hall 435, In Person Term Based; Deborah Petersen-Perlman ; 3 cr.

3510 Ethics in Human Communication

(A-F or Audit; Prereq: 1112 or 1511; credit will not be granted if already received for CLA 1101)
 68163 001 LEC, 12:00-13:50 TTh, A B Anderson Hall 425, In Person Term Based; Elizabeth Parks ; 3 cr.

3515 Communication and Popular Culture

(A-F or Audit;)
 62676 001 LEC, 14:00-15:15 TTh, Chemistry Building 150, In Person Term Based; Lawrence Bernabo ; 3 cr.

3520 Media Effects

(A-F only; Prereq: credit will not be granted if already received for COMM 2102SOC SCI)
 67006 001 LEC, 14:00-15:50 TTh, A B Anderson Hall 425, In Person Term Based; Aaron Boyson ; 3 cr.

3525 Deciding What's News

(A-F or Audit;)
 68205 001 LEC, 14:00-15:50 TTh, A B Anderson Hall 445, In Person Term Based; Deborah Petersen-Perlman ; 3 cr.

3535 Intercultural Communication

(Student Option; Prereq: credit will not be granted if already received for 2929CDIVERSITY)
 62606 001 LEC, 18:00-21:50 TTh, A B Anderson Hall 425, In Person Term Based; Michael Sunnafrank ; 4 cr.

3560 Video Game Entertainment

(A-F or Audit;)
 62388 001 LEC, 16:00-18:30 Th, A B Anderson Hall 445, In Person Term Based; Edward Downs ; 3 cr.

3570 Telling Stories about the Holocaust using Memoir and Testimony

(A-F or Audit;)
 67476 001 LEC, 16:00-18:30 M, A B Anderson Hall 445, In Person Term Based; Deborah Petersen-Perlman ; 3 cr.

3610 Philosophy and Rhetoric

(A-F or Audit; Prereq: credit will not be granted if already received for COMM 1625HUMANITIES)
 65683 001 LEC, 10:00-11:50 MW, A B Anderson Hall 445, In Person Term Based; Joshua Barnett ; 3 cr.

3615 Analysis of Public Discourse

(A-F or Audit; Prereq: credit will not be granted if already received for COMM 2505)
 62444 001 LEC, 16:00-17:15 TTh, A B Anderson Hall 245, In Person Term Based; Lawrence Bernabo ; 3 cr.

3695 Special Topics in Rhetoric Communication

(A-F only;)
 68164 001 LEC, 14:00-15:50 MW, A B Anderson Hall 445, In Person Term Based; Joshua Barnett ; 3 cr.

3700 Interpersonal Influence

(A-F or Audit;)
 65684 001 LEC, 10:00-11:50 TTh, A B Anderson Hall 445, In Person Term Based; Ryan Goel ; 3 cr.

4394 Directed Research in Communication

(A-F only; Prereq: instructor consent)
 62224 001 IND, Independent/Directed Study; 1-6 cr.

4397 Internship in Communication

(S-N only; Prereq: instructor consent; no grad credit)
 62195 001 FWK, Independent/Directed Study; Alastair Knowles ; 1-8 cr.
 62406 002 FWK, Independent/Directed Study; Alastair Knowles ; 1-8 cr.

4399 Directed Projects in Communication

(S-N only; Prereq: instructor consent; no grad credit)
 62225 001 IND, Independent/Directed Study; 1-6 cr.

4500 History of Rhetoric

(A-F or Audit; Prereq: 1112 or 1511 or instructor consent; no Grad credit)
 62608 001 LEC, 15:00-17:30 M, A B Anderson Hall 425, In Person Term Based; Michael Pfau ; 3 cr.

5000 Senior Seminar

(A-F or Audit; Prereq: 1000, 1112 or 1115, 2025, 2030 with a C or better; Min 90 cr, Comm major, instructor consent)
 62361 001 LEC, 16:00-18:30 Th, A B Anderson Hall 435, In Person Term Based; Aaron Boyson ; 3 cr.
 62362 002 LEC, 12:00-14:30 T, A B Anderson Hall 435, In Person Term Based; Rebecca de Souza ; 3 cr.
 62363 003 LEC, 9:30-12:00 M, Solon Campus Center 6, In Person Term Based; David Gore ; 3 cr.
 62381 004 LEC, 12:00-14:30 Th, A B Anderson Hall 435, In Person Term Based; Elizabeth Nelson ; 3 cr.

5391 Independent Study in Communication

(A-F or Audit;)
 62424 001 IND, Independent/Directed Study; 1-6 cr.

Communication Sci/Disorders (CSD)

1100 Phonetics

(A-F only;)
 61497 001 LEC, 11:00-11:50 MW, Chester Park 202, In Person Term Based; Jolene Hyppa Martin ; 2 cr.

2230 Introduction to Human

Communication Disorders
 (Student Option: SOC SCI,CDIVERSITY)
 61808 001 LEC, 8:00-9:15 TTh, Solon Campus Center 120, Partially Online; Jolene Hyppa Martin, Faith Lovén, Catherine Kuzj ; 3 cr.

3160 Fundamentals of Hearing Science

(A-F only; Prereq: 3103, CSD candidate or instructor consent)
 61628 001 LEC, 9:00-9:50 MWF, Chester Park 202, In Person Term Based; Faith Lovén ; 3 cr.

3200 Articulation and Phonological Disorders

(A-F only; Prereq: 1100, CSD candidate or instructor consent)
 65632 001 LEC, 10:00-10:50 MWF, Chester Park 202, In Person Term Based; Kent Brorson ; 3 cr.

3232 Language Disorders

(A-F or Audit; Prereq: 3131, CSD candidate or instructor consent)
 61629 001 LEC, 14:00-14:50 MWF, Chester Park 202, In Person Term Based; Kent Brorson ; 3 cr.

4097 Introduction to Clinical Practicum in Communication Disorders

(A-F only; Prereq: CSD candidate, 4232 and department consent)
 66984 001 FWK, In Person Term Based; 1 cr.

4241 Foundations of Treatment in Communication Disorders II

(A-F or Audit;)
 65634 001 LEC, 9:30-10:45 TTh, Chester Park 202, In Person Term Based; Lynette Carlson ; 3 cr.

5091 Independent Study

(Student Option; Prereq: CSD candidate with 90 cr or CSD Grad student)

61532 001 IND, Independent/Directed Study; Mark Mizuko ; 1-3 cr.
 61806 002 IND, Independent/Directed Study; Jolene Hyppa Martin ; 1-3 cr.
 62065 003 IND, Independent/Directed Study; 1-3 cr.
 70297 004 IND, Independent/Directed Study; Faith Lovén ; 1-3 cr.

5100 Research Methods in Communication Disorders

(A-F only; Prereq: CSD Grad)
 61988 001 DIS, 11:00-11:50 Th, Chester Park 122, In Person Term Based; Jolene Hyppa Martin ; 1-2 cr.

5200 Dysphagia

(A-F only; Prereq: CSD grad or instructor consent)
 61987 001 LEC, 8:00-9:15 TTh, Chester Park 122, In Person Term Based; Lynette Carlson ; 3 cr.

5302 Language Disorders in School-Age Children

(A-F or Audit; Prereq: CSD grad student or instructor consent)
 62057 001 LEC, 12:00-12:50 TTh, Chester Park 122, In Person Term Based; Catherine Kuzj ; 2 cr.

5400 Rehabilitative Procedures for the Hard of Hearing

(A-F only; Prereq: 4400, CSD candidate or CSD grad or instructor consent)
 61705 001 LEC, 12:00-12:50 MWF, Chester Park 202, In Person Term Based; Faith Lovén ; 3 cr.

8099 Projects in Communication Disorders

(A-F only; Prereq: CSD grad student or instructor consent)
 61923 001 IND, Independent/Directed Study; Kent Brorson ; 1 cr.
 61978 002 IND, Independent/Directed Study; Faith Lovén ; 1 cr.
 61979 003 IND, Independent/Directed Study; Dana Collins ; 1 cr.
 61980 004 IND, Independent/Directed Study; Mark Mizuko ; 1 cr.
 62059 005 IND, Independent/Directed Study; Jolene Hyppa Martin ; 1 cr.
 62060 006 IND, Independent/Directed Study; 1 cr.

8231 Neurogenic Speech Disorders

(A-F or Audit; Prereq: CSD grad student or instructor consent)
 62028 001 LEC, 9:30-10:45 TTh, Chester Park 122, In Person Term Based; Dana Collins ; 3 cr.

8497 On-Campus Graduate Internship in CSD II

(A-F or Audit; Prereq: 8397, instructor consent)
 61895 001 FWK, Independent/Directed Study; Kent Brorson ; 1-5 cr.
 61969 003 FWK, Independent/Directed Study; Dana Collins ; 1-5 cr.
 61970 004 FWK, Independent/Directed Study; Jolene Hyppa Martin ; 1-5 cr.
 61971 005 FWK, Independent/Directed Study; Lynda John ; 1-5 cr.
 61972 006 FWK, Independent/Directed Study; Mark Mizuko ; 1-5 cr.
 61973 007 FWK, Independent/Directed Study; Cole Peterson ; 1-5 cr.
 61975 009 FWK, Independent/Directed Study; Susan Schaefer ; 1-5 cr.
 61976 010 FWK, Independent/Directed Study; Catherine Kuzj ; 1-5 cr.
 61977 011 FWK, Independent/Directed Study; Kay Wallis ; 1-5 cr.

8797 Full-Time CSD Graduate Externship in Education Settings

(A-F or Audit; Prereq: 5260, 8697 and instructor consent)
 61897 001 FWK, Independent/Directed Study; Catherine Kuzj ; 6 cr.

8897 Full-Time CSD Graduate Externship in Medical Settings

(A-F or Audit; Prereq: 5205, 5260, 8232, 8597 and instructor consent)
 61898 001 FWK, Independent/Directed Study; Lynette Carlson ; 6 cr.

Computer Science (CS)

1121 Introduction to Programming in Visual BASIC.NET

(A-F or Audit; Prereq: 1 yr high school algebra or instructor consent. prereq: 1 yr high school algebra or instructor consent. LOGIC & QR)

62970 001 LEC, 14:00-14:50 TTh, Montague Hall 70, In Person Term Based; Steven Holtz ; 3 cr.
 62971 002 LAB, 8:00- 8:50 F, M W Alworth Hall 177, In Person Term Based; Steven Holtz ; 3 cr.
 62972 003 LAB, 9:00- 9:50 F, M W Alworth Hall 177, In Person Term Based; Steven Holtz ; 3 cr.
 62973 004 LAB, 10:00-10:50 F, M W Alworth Hall 177, In Person Term Based; Steven Holtz ; 3 cr.
 63070 005 LAB, 11:00-11:50 F, M W Alworth Hall 177, In Person Term Based; Steven Holtz ; 3 cr.
 63071 006 LAB, 12:00-12:50 F, M W Alworth Hall 177, In Person Term Based; Steven Holtz ; 3 cr.
 63156 007 LAB, 13:00-13:50 F, M W Alworth Hall 177, In Person Term Based; Steven Holtz ; 3 cr.
 63516 008 LAB, 14:00-14:50 F, M W Alworth Hall 177, In Person Term Based; Steven Holtz ; 3 cr.

1511 Computer Science I

(A-F or Audit; Prereq: 3 1/2 yrs high school math or instructor consent. LOGIC & QR)

62784 001 LEC, 10:00-10:50 MTWF, M W Alworth Hall 195, In Person Term Based; James Allert ; 5 cr.
 62785 002 LAB, 9:00- 9:50 Th, M W Alworth Hall 177, In Person Term Based; James Allert ; 5 cr.
 62786 003 LAB, 10:00-10:50 Th, M W Alworth Hall 177, In Person Term Based; James Allert ; 5 cr.
 62787 004 LAB, 11:00-11:50 Th, M W Alworth Hall 177, In Person Term Based; James Allert ; 5 cr.
 62854 005 LAB, 12:00-12:50 Th, M W Alworth Hall 177, In Person Term Based; James Allert ; 5 cr.
 62949 006 LAB, 13:00-13:50 Th, M W Alworth Hall 177, In Person Term Based; James Allert ; 5 cr.
 63634 007 LAB, 14:00-14:50 Th, M W Alworth Hall 177, In Person Term Based; James Allert ; 5 cr.

1521 Computer Science II

(A-F or Audit; Prereq: 1511 or 1581, a grade of C- or better is required in all prerequisite courses)

62788 001 LEC, 14:00-14:50 MWF, M W Alworth Hall 195, In Person Term Based; Steven Holtz ; 5 cr.
 62789 002 DIS, 8:00- 8:50 Th, M W Alworth Hall 175, In Person Term Based; Steven Holtz ; 5 cr.
 62790 004 DIS, 9:00- 9:50 Th, M W Alworth Hall 175, In Person Term Based; Steven Holtz ; 5 cr.
 62791 005 LAB, 9:00- 9:50 T, M W Alworth Hall 177, In Person Term Based; Steven Holtz ; 5 cr.
 62792 006 DIS, 10:00-10:50 T, M W Alworth Hall 175, In Person Term Based; Steven Holtz ; 5 cr.
 62793 007 LAB, 10:00-10:50 T, M W Alworth Hall 177, In Person Term Based; Steven Holtz ; 5 cr.
 62794 008 DIS, 11:00-11:50 Th, M W Alworth Hall 175, In Person Term Based; Steven Holtz ; 5 cr.
 62795 009 LAB, 11:00-11:50 T, M W Alworth Hall 177, In Person Term Based; Steven Holtz ; 5 cr.
 62855 010 DIS, 12:00-12:50 Th, M W Alworth Hall 175, In Person Term Based; Steven Holtz ; 5 cr.
 62856 011 LAB, 12:00-12:50 T, M W Alworth Hall 177, In Person Term Based; Steven Holtz ; 5 cr.
 63030 003 LAB, 8:00- 8:50 T, M W Alworth Hall 177, In Person Term Based; Steven Holtz ; 5 cr.
 66732 013 LAB, 13:00-13:50 T, M W Alworth Hall 177, In Person Term Based; Steven Holtz ; 5 cr.
 66733 012 DIS, 13:00-13:50 Th, M W Alworth Hall 175, In Person Term Based; Steven Holtz ; 5 cr.

2511 Software Analysis and Design

(Student Option; Prereq: 1521 or instructor consent, a grade of C- or better is required in all prerequisite courses)

62810 001 LEC, 9:30-10:45 TTh, A B Anderson Hall 235, In Person Term Based; Timothy Colburn ; 4 cr.
 62811 002 LAB, 12:00-12:50 W, M W Alworth Hall 177, In Person Term Based; Timothy Colburn ; 4 cr.
 62812 003 LAB, 13:00-13:50 W, M W Alworth Hall 177, In Person Term Based; Timothy Colburn ; 4 cr.
 68156 004 LAB, 14:00-14:50 W, M W Alworth Hall 177, In Person Term Based; Timothy Colburn ; 4 cr.

2521 Computer Organization and Architecture

(Student Option; Prereq: 1521 or instructor consent, a grade of C- or better is required in all prerequisite courses)

62813 001 LEC, 15:30-16:45 TTh, Chemistry Building 150, In Person Term Based; Arshia Khan ; 4 cr.
 62814 002 LAB, 12:00-12:50 M, M W Alworth Hall 177, In Person Term Based; Arshia Khan ; 4 cr.
 63704 003 LAB, 13:00-13:50 M, M W Alworth Hall 177, In Person Term Based; Arshia Khan ; 4 cr.

66740 004 LAB, 14:00-14:50 M, M W Alworth Hall 177, In Person Term Based; Arshia Khan ; 4 cr.

2531 Discrete Structures for Computer Science

(A-F or Audit;)

66773 001 LEC, 11:00-11:50 M, M W Alworth Hall 191, 11:00-12:15 TTh, A B Anderson Hall 235, In Person Term Based; Hudson Turner ; 4 cr.

3111 Computer Ethics

(A-F or Audit; Prereq: WRIT 3100 or 3110 or 3121 or 3130 or 3140 or 3150 or 3160 or Engr 4001, minimum 60 credits or instructor consent, a grade of C- or better is required in all prerequisite courses. HUMANITIES)

63042 001 LEC, 8:00- 8:50 F, M W Alworth Hall 175, 14:00-15:15 TTh, M W Alworth Hall 175, In Person Term Based; Timothy Colburn ; 4 cr.
 66743 002 LEC, 11:00-11:50 W, M W Alworth Hall 175, 15:30-16:45 TTh, M W Alworth Hall 175, In Person Term Based; James Allert ; 4 cr.

3221 Operating Systems Practicum

(A-F or Audit; Prereq: 2511, 3011 or instructor consent, CIS majors only, minimum 60 credits, a grade of C- or better is required in all prerequisite courses)

62974 001 LEC, 10:00-10:50 MWF, Heller Hall 306, In Person Term Based; Ted Pedersen ; 4 cr.
 62975 002 LAB, 13:00-14:50 M, M W Alworth Hall 187, In Person Term Based; Ted Pedersen ; 4 cr.

3996 Internship in Computer Science

(S-N or Audit; Prereq: Computer science junior, instructor consent)

62914 001 FWK, 00:00-00:00 , Independent/Directed Study; Timothy Colburn ; 1-3 cr.

4411 Data Communications and Network Technology

(A-F or Audit; Prereq: 2511, 3011 or instructor consent, CIS majors only, minimum 60 credits, a grade of C- or better is required in all prerequisite courses)

62976 001 LEC, 15:00-16:15 MW, Heller Hall 306, In Person Term Based; Steven Holtz ; 4 cr.
 62977 002 LAB, 17:00-18:50 T, Heller Hall 306, In Person Term Based; Steven Holtz ; 4 cr.

4531 Software Engineering

(A-F or Audit; Prereq: 2511, (2531 or 3512 or MATH 3355) or instructor consent, a grade of C- or better is required in all prerequisite courses)

63705 002 LAB, 15:00-16:50 W, M W Alworth Hall 177, In Person Term Based; Richard Maclin ; 4 cr.
 63706 001 LEC, 9:30-10:45 TTh, Heller Hall 306, In Person Term Based; Richard Maclin ; 4 cr.
 66768 004 LAB, 17:00-18:50 W, M W Alworth Hall 177, In Person Term Based; Richard Maclin ; 4 cr.
 66769 003 LEC, 14:00-15:15 TTh, Heller Hall 306, In Person Term Based; Richard Maclin ; 4 cr.

4611 Database Management Systems

(A-F or Audit; Prereq: 2511, 2521, (2531 or 3512 or MATH 3355) instructor consent; a grade of C- or better is required in all prerequisite courses)

63709 002 LAB, 18:00-19:50 Th, M W Alworth Hall 177, In Person Term Based; Eleazar Leal ; 4 cr.
 63710 001 LEC, 15:30-16:45 TTh, Heller Hall 306, In Person Term Based; Eleazar Leal ; 4 cr.

4991 Independent Study

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

62915 001 IND, 00:00-00:00 , Independent/Directed Study; Richard Maclin ; 1-4 cr.

4994 Honors Project

(A-F or Audit; Prereq: Consent of computer science honors program committee)

62916 001 IND, 00:00-00:00 , Independent/Directed Study; Timothy Colburn ; 2-3 cr.

5521 Advanced Data Structures

(A-F or Audit; Prereq: 2511, 2531 or 3512, or instructor consent, a grade of C- or better is required in all prerequisite courses)

68157 001 LEC, 12:30-13:45 TTh, Heller Hall 306, In Person Term Based; Andrew Sutton ; 4 cr.
 68158 002 LAB, 17:00-17:50 Th, M W Alworth Hall 177, In Person Term Based; Andrew Sutton ; 4 cr.

5541 Artificial Intelligence

(A-F or Audit; Prereq: 2511, (2531 or 3512 or MATH 3355) or instructor consent, a grade of C- or better is required in all prerequisite courses)

66775 001 LEC, 8:00- 9:15 TTh, Heller Hall 306, In Person Term Based; Andrew Sutton ; 4 cr.

66776 002 LAB, 17:00-17:50 T, M W Alworth Hall 177, In Person Term Based; Andrew Sutton ; 4 cr.

5621 Computer Architecture

(A-F or Audit; Prereq: 2521, (2531 or 3512 or MATH 3355) or instructor consent, a grade of C- or better is required in all prerequisite courses)

63003 001 LEC, 12:00-12:50 MWF, Heller Hall 306, In Person Term Based; Ted Pedersen ; 4 cr.
 63004 002 LAB, 17:00-17:50 M, M W Alworth Hall 177, In Person Term Based; Ted Pedersen ; 4 cr.

5631 Operating Systems

(A-F or Audit; Prereq: 2511, 2521, (2531 or 3512 or MATH 3355) or instructor consent, a grade of C- or better is required in all prerequisite courses)

62922 001 LEC, 10:00-10:50 MWF, A B Anderson Hall 225, In Person Term Based; Peter Peterson ; 4 cr.
 62923 002 LAB, 15:00-15:50 M, M W Alworth Hall 177, In Person Term Based; Peter Peterson ; 4 cr.
 63707 003 LAB, 16:00-16:50 M, M W Alworth Hall 177, In Person Term Based; Peter Peterson ; 4 cr.

5651 Computer Networks

(A-F or Audit; Prereq: 2511, 2521, (2531 or 3512 or MATH 3355) or instructor consent, a grade of C- or better is required in all prerequisite courses)

66777 001 LEC, 14:00-14:50 MWF, M W Alworth Hall 175, In Person Term Based; Haiyang Wang ; 4 cr.
 66778 003 LAB, 19:00-19:50 M, M W Alworth Hall 187, In Person Term Based; Haiyang Wang ; 4 cr.
 66779 002 LAB, 18:00-18:50 M, M W Alworth Hall 187, In Person Term Based; Haiyang Wang ; 4 cr.

5721 Computer Graphics

(A-F or Audit; Prereq: 2511, (2531 or 3512 or MATH 3355), (MATH 3326 or 4326) or instructor consent, a grade of C- or better is required in all prerequisite courses)

63043 001 LEC, 13:00-13:50 MWF, M W Alworth Hall 175, In Person Term Based; Peter Willemssen ; 4 cr.
 63044 002 LAB, 18:00-18:50 T, M W Alworth Hall 187, In Person Term Based; Peter Willemssen ; 4 cr.

5751 Introduction to Machine Learning and Data Mining

(A-F or Audit; Prereq: 2511, 2531 or 3512 or MATH 3355, Stat 3611, (Math 3326 or 4326) or instructor consent; a grade of C- or better is required in all prerequisite courses)

63712 001 LEC, 11:00-12:15 TTh, Chemistry Building 251, In Person Term Based; Eleazar Leal ; 4 cr.
 68159 002 LAB, 19:00-19:50 T, M W Alworth Hall 177, In Person Term Based; Eleazar Leal ; 4 cr.

5991 Independent Study

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

63252 001 IND, 00:00-00:00 , Independent/Directed Study; Richard Maclin ; 1-4 cr.
 63253 002 IND, 00:00-00:00 , Independent/Directed Study; Hudson Turner ; 1-4 cr.
 63254 003 IND, 00:00-00:00 , Independent/Directed Study; Ted Pedersen ; 1-4 cr.
 63255 004 IND, 00:00-00:00 , Independent/Directed Study; Peter Willemssen ; 1-4 cr.
 63256 005 IND, 00:00-00:00 , Independent/Directed Study; Haiyang Wang ; 1-4 cr.
 63257 006 IND, 00:00-00:00 , Independent/Directed Study; Peter Peterson ; 1-4 cr.
 63258 007 IND, 00:00-00:00 , Independent/Directed Study; Arshia Khan ; 1-4 cr.
 63259 008 IND, 00:00-00:00 , Independent/Directed Study; Eleazar Leal ; 1-4 cr.
 63260 009 IND, 00:00-00:00 , Independent/Directed Study; Andrew Sutton ; 1-4 cr.
 63708 010 IND, In Person Term Based; 1-4 cr.

8631 Advanced Systems Programming

(A-F or Audit; Prereq: 5631, 5641 or instructor consent) 68145 001 LEC, 8:00- 9:40 MW, M W Alworth Hall 175, In Person Term Based; Haiyang Wang ; 4 cr.

8777 Thesis Credits: Master's

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

62934 001 IND, 00:00-00:00 , Independent/Directed Study; Richard Maclin ; 1-24 cr.
 62935 002 IND, 00:00-00:00 , Independent/Directed Study; Hudson Turner ; 1-24 cr.
 62936 003 IND, 00:00-00:00 , Independent/Directed Study; Ted Pedersen ; 1-24 cr.
 62937 005 IND, 00:00-00:00 , Independent/Directed Study; Peter Willemssen ; 1-24 cr.
 62938 006 IND, 00:00-00:00 , Independent/Directed Study; Haiyang Wang ; 1-24 cr.

62939 007 IND, 00:00-00:00 , , Independent/Directed Study; Peter Peterson ; 1-24 cr.
 62940 008 IND, 00:00-00:00 , , Independent/Directed Study; Arshia Khan ; 1-24 cr.
 62941 009 IND, 00:00-00:00 , , Independent/Directed Study; Eleazar Leal ; 1-24 cr.
 62956 010 IND, 00:00-00:00 , , Independent/Directed Study; Andrew Sutton ; 1-24 cr.
 63046 011 IND, 00:00-00:00 , , Independent/Directed Study; ; 1-24 cr.

Criminology (CRIM)

1301 Introduction to Criminology

(A-F or Audit; Prereq: credit will not be granted if already received for SOC 1301SOC SCI)
 62250 001 LEC, 10:00-11:50 TTh, Bohannon Hall 90, In Person Term Based; Jeffrey Maahs ; 4 cr.

2311 Criminological Theory

(A-F or Audit; Prereq: 1301)
 62230 001 LEC, 14:00-15:50 MW, Chester Park 204, In Person Term Based; Emily Gaarder ; 4 cr.

3328 Delinquency and Juvenile Justice

(A-F or Audit; Prereq: 30 credits or instructor consent)
 67393 001 LEC, 9:00- 9:50 MWF, Cina Hall 224, In Person Term Based; Charem Lee ; 3 cr.

3336 Crime and the Media

(A-F or Audit; Prereq: 30 credits or instructor consent)
 62439 001 LEC, 17:00-19:50 M, Cina Hall 102, In Person Term Based; Jeffrey Maahs ; 3 cr.

3340 Crime Prevention

(A-F or Audit;)
 68886 001 LEC, 11:00-11:50 MWF, Cina Hall 102, In Person Term Based; Charem Lee ; 3 cr.

3344 Law Enforcement and Society

(A-F or Audit; Prereq: 30 credits or instructor consent)
 62387 001 LEC, 9:30-10:45 TTh, Kirby Plaza 312, In Person Term Based; Robert Weidner ; 3 cr.

3369 Correctional Assessment and Intervention

(A-F or Audit; Prereq: 30 credits or instructor consent)
 62440 001 LEC, 8:00- 9:15 TTh, Cina Hall 106, In Person Term Based; Jeffrey Maahs ; 3 cr.

4382 Victimology

(A-F or Audit; Prereq: CRIM 1301 or SOC 1101, 60 credits; no grad credit)
 62479 001 LEC, 17:00-19:50 Th, Cina Hall 102, In Person Term Based; Kimberly Storm ; 3 cr.

4391 Independent Study in Criminology

(A-F or Audit; Prereq: instructor consent; maximum 6 credits allowed between SOC 4991 and CRIM 4391, no grad credit)
 62353 001 IND, Independent/Directed Study; ; 1-6 cr.
 62472 002 IND, Independent/Directed Study; ; 1-6 cr.
 62574 003 IND, Independent/Directed Study; ; 1-6 cr.

4399 Honors Project Criminology

(A-F or Audit; Prereq: 90 credits, approval by department honors program director, no grad credit, maximum 8 credits allowed between SOC 4999 and CRIM 4399)
 62355 001 IND, Independent/Directed Study; ; 1-8 cr.

4910 Teaching Assistantship in Criminology

(A-F or Audit; Prereq: 60 credits, instructor consent, no grad credit, maximum 3 credits allowed between SOC 4997, SOC 4910 and CRIM 4397, CRIM 4910)
 62354 001 FWK, Independent/Directed Study; Emily Gaarder ; 1-3 cr.
 62461 002 FWK, Independent/Directed Study; Scott Vollum ; 1-3 cr.
 62462 003 FWK, Independent/Directed Study; Jeffrey Maahs ; 1-3 cr.
 62463 004 FWK, Independent/Directed Study; Charem Lee ; 1-3 cr.

Cultural Entrepreneurship (CUE)

1001 Culture Industry and Creative Economy

(A-F or Audit; GLOBAL PER)

62415 001 LEC, 19:00-20:50 MTTh, Humanities Building 470, In Person Term Based; Aparna Katre ; 3 cr.
 62448 002 LEC, 9:30-10:45 TTh, Voss-Kovach Hall 221, In Person Term Based; Stephanie Raible ; 3 cr.

1111 Creative Problem Solving

(A-F only;)
 62618 001 LEC, 14:00-15:15 TTh, Sports and Health Center 210, In Person Term Based; Stephanie Raible ; 3 cr.

3002 Foundations of Cultural Entrepreneurship II

(A-F or Audit; Prereq: CUE 3001 or MGTS 4422 or instructor consent)
 62449 001 LEC, 15:00-17:45 M, Humanities Building 484, In Person Term Based; Aparna Katre ; 3 cr.

3101 Introduction to Design Thinking and Conceptual Competencies

(A-F or Audit;)
 62619 001 LEC, 15:30-16:45 TTh, Ed Endazhigikino'amaading 50, In Person Term Based; Aparna Katre ; 3 cr.

4002 Managing Cultural Organizations

(A-F or Audit; Prereq: minimum 60 credits or instructor consent, no grad credit)
 62620 001 LEC, 15:00-17:45 W, Heller Hall 216, In Person Term Based; Meets With: 001 CUE 5002; Stephanie Raible ; 3 cr.

4096 Field Study

(A-F only; Prereq: instructor consent, no grad credit)
 62475 001 FWK, In Person Term Based; Aparna Katre ; 2 cr.

5002 Managing Cultural Organizations

(A-F only;)
 69453 001 LEC, 15:00-17:45 W, Heller Hall 216, In Person Term Based; Meets With: 001 CUE 4002; Stephanie Raible ; 3 cr.

Dance (DN)

1011 Tap Dance Fundamentals

(A-F or Audit;)
 64748 001 LAB, 14:00-15:45 TTh, Marshall Perform Arts Ctr 21, In Person Term Based; Kelly Grussendorf ; 2 cr.

1111 Jazz Dance Technique I

(A-F or Audit; FINE ARTS)
 64309 001 LAB, 8:00- 9:45 TTh, Marshall Perform Arts Ctr 21, In Person Term Based; Kelly Grussendorf ; 2 cr.

1131 Ballet Technique I

(A-F or Audit; FINE ARTS)
 64118 001 LAB, 8:00- 9:45 TTh, Marshall Perform Arts Ctr 1, In Person Term Based; LilaAnn White ; 2 cr.

2111 Jazz Dance Techniques II

(A-F or Audit; Prereq: Successful completion of DN 1111 with grade of B or better or by placement evaluation of instructor; instructor consent)
 64752 001 LAB, 16:00-17:45 TTh, Marshall Perform Arts Ctr 1, In Person Term Based; Kelly Grussendorf ; 2 cr.

2131 Ballet Technique II

(A-F or Audit; Prereq: Successful completion of DN 1131 with grade of B or better or by placement evaluation of instructor; instructor consent)
 64747 001 LAB, 10:00-11:45 TTh, Marshall Perform Arts Ctr 1, In Person Term Based; LilaAnn White ; 2 cr.

3201 Modern Dance Technique II

(A-F or Audit; Prereq: instructor consent)
 64351 001 LAB, 12:00-13:10 MWF, Marshall Perform Arts Ctr 1, In Person Term Based; Rebecca Katz Harwood ; 2 cr.

3211 Jazz Dance Technique III

(A-F or Audit; Prereq: instructor consent)
 64293 001 LAB, 12:00-13:45 TTh, Marshall Perform Arts Ctr 1, In Person Term Based; Ann Bergeron ; 2 cr.

3221 Tap Dance Technique II

(A-F or Audit; Prereq: 1121 or instructor consent)
 64119 001 LAB, 13:30-14:40 MWF, Marshall Perform Arts Ctr 21, In Person Term Based; Ann Bergeron ; 2 cr.

3231 Ballet Technique III

(A-F or Audit; Prereq: instructor consent)
 64345 001 LAB, 13:30-14:40 MWF, Marshall Perform Arts Ctr 1, In Person Term Based; LilaAnn White ; 2 cr.

3611 Dance History

(A-F or Audit; Prereq: 1001 or instructor consent)
 69021 001 LEC, 10:00-11:15 TTh, Marshall Perform Arts Ctr 49, In Person Term Based; Rebecca Katz Harwood ; 3 cr.

3991 Independent Study in Dance

(A-F or Audit; Prereq: instructor consent; undergrads may not take more than 6 credits in 3991 and 5991 combined)
 64323 001 IND, Independent/Directed Study; Rebecca Katz Harwood ; 1-3 cr.

3995 Special Topics (Various Titles to be Assigned)

(A-F or Audit;)
 69085 001 LAB, 16:00-16:35 MWF, Marshall Perform Arts Ctr 1, In Person Term Based; LilaAnn White ; 1-9 cr.

4116 Musical Theatre Audition Techniques

(A-F or Audit; Prereq: instructor consent, no grad credit)
 64310 001 LAB, 10:00-11:15 MWF, Marshall Perform Arts Ctr 1, In Person Term Based; Andrew Kust, Rebecca Katz Harwood ; 3 cr.

4331 Ballet Technique IV

(A-F or Audit; Prereq: 3231, instructor consent; no grad credit)
 64336 001 LAB, 14:50-16:00 MWF, Marshall Perform Arts Ctr 1, In Person Term Based; LilaAnn White ; 2 cr.

4901 Intern Teaching Dance

(A-F or Audit; Prereq: 3201 or 3211 or 3221 or 3231, instructor consent; no grad credit)
 64299 001 DIS, In Person Term Based; Rebecca Katz Harwood, Ann Bergeron ; 2 cr.

5991 Independent Study in Dance

(A-F or Audit; Prereq: instructor consent; undergrads max 6 cr in 3991 and 5991 combined)
 64324 001 IND, Independent/Directed Study; Rebecca Katz Harwood, Ann Bergeron ; 1-3 cr.

5997 Internship in Professional Dance

(A-F or Audit; Prereq: department approval; 1 cr for each 45 hrs of work)
 64120 001 FWK, Independent/Directed Study; Rebecca Katz Harwood, Ann Bergeron ; 1-12 cr.

Early Childhood Studies (ECH)

2025 Educating the Human Brain

(A-F or Audit; SOC SCI)
 61786 001 LEC, 11:00-11:50 TTh, Bohannon Hall 108, Partially Online; Molly Hamey ; 3 cr.
 61787 002 LEC, 12:00-12:50 TTh, Bohannon Hall 108, Partially Online; Molly Hamey ; 3 cr.

3021 Teaching Mathematics: Birth-Age Eight

(A-F or Audit; Prereq: Admitted to UECH program)
 61706 001 LEC, 11:00-12:50 TTh, Ed Endazhigikino'amaading 17, In Person Term Based; Kay Wohlhuter ; 4 cr.

3022 Literacy for Young Children: Teaching Reading, Writing, Speaking, and Listening

(A-F or Audit; Prereq: Admitted to UECH program)
 61707 001 LEC, 8:00- 8:50 MW, Ed Endazhigikino'amaading 51, Partially Online; Ariri Onchwari ; 4 cr.

3030 Inquiry, Social Studies, and Science Learning: Birth-Age Eight

(Student Option; Prereq: admitted to UECH program; must be taken either after or concurrently with ECH 4011 and SpEd 3105)
 61560 001 LEC, 13:00-14:50 MW, Montague Hall 151, Partially Online; Elizabeth Ruark ; 5 cr.

3050 Observing Early Relationships in Infants and Toddlers

(Student Option; Prereq: Minimum 30 credits)
 61568 001 LEC, 10:00-10:50 MW, Ed Endazhigikino'amaading 16, Partially Online; Jennifer Bouchie ; 4 cr.

3055 Creative Expressions and Emergent Literacy: Birth - Age 8

(A-F or Audit; Prereq: Admission to the UECh program)

61687 001 LEC, 9:30-10:45 TTh, Montague Hall 151,
Partially Online; Ariin Onchwari ; 4 cr.

3060 Teaching Culturally and Linguistically Diverse Children

(A-F or Audit; Prereq: admitted to UECH program)
61755 001 LEC, 11:00-11:50 MW, Montague Hall 151,
Partially Online; Ariin Onchwari ; 3 cr.

3104 Family Partnerships

(A-F or Audit; Prereq: Admission to the UECh program)
61732 001 FWK, 9:00- 9:50 W, Ed Endazhi-gikino'amaading
16, In Person Term Based; Jennifer Bouchie ; 1 cr.

4009 Leadership in Early Childhood Studies

(A-F or Audit; Prereq: Admission to UECh program; no
grad credit)

61718 001 LEC, 13:00-17:00 Sa, Montague Hall 151,
13:00-17:00 Sa, Montague Hall 151, 13:00-17:00 Sa,
Montague Hall 151, 13:00-17:00 Sa, Montague Hall 151,
Partially Online; Jennifer Bouchie ; 3 cr.

4400 Professional Development Seminar

(A-F or Audit; Prereq: admitted to UECH program; no
grad credit)

61610 001 DIS, Completely Online; Molly Harney ; 1 cr.
61612 002 DIS, Completely Online; Molly Harney ; 1 cr.

4600 Student Teaching in Early Childhood/ Primary

(S-N only; Prereq: Admitted to UECH program or post
bac per instructor consent; no grad credit)

61566 001 FWK, 12:00-16:00 Th, Room TBA, 12:00-16:00
Th, Room TBA, Independent/Directed Study; ; 3-12 cr.
61640 002 FWK, 12:00-16:00 Th, Room TBA, 12:00-16:00
Th, Room TBA, Independent/Directed Study; ; 3-12 cr.
61641 003 FWK, 12:00-16:00 Th, Room TBA, 12:00-16:00
Th, Room TBA, Independent/Directed Study; ; 3-12 cr.
61642 004 FWK, 12:00-16:00 Th, Room TBA, 12:00-16:00
Th, Room TBA, Independent/Directed Study; ; 3-12 cr.
61643 005 FWK, 12:00-16:00 Th, Room TBA, 12:00-16:00
Th, Room TBA, Independent/Directed Study; ; 3-12 cr.
61662 006 FWK, 12:00-16:00 Th, Room TBA, 12:00-16:00
Th, Room TBA, Independent/Directed Study; ; 3-12 cr.
61714 007 FWK, 12:00-16:00 Th, Room TBA, 12:00-16:00
Th, Room TBA, Independent/Directed Study; ; 3-12 cr.
61990 008 FWK, 12:00-16:00 Th, Room TBA, 12:00-16:00
Th, Room TBA, Independent/Directed Study; ; 3-12 cr.

4991 Independent Study

(A-F or Audit; Prereq: instructor consent; no grad
credit)

61567 001 IND, Independent/Directed Study; 1-6 cr.
61735 002 IND, Independent/Directed Study; 1-6 cr.

Economics (ECON)

1003 Economics and Society

(A-F or Audit; Prereq: Cannot apply credit to
economics major or minor or BA or BBA majors/SOC
SCI)

65646 001 LEC, 16:00-17:15 MW, Labovitz Schl Bus & Econ
118, In Person Term Based; Ariuna Taivan ; 3 cr.

1022 Principles of Economics: Macro

(A-F or Audit; Prereq: Minimum 15 credits or
department consent/SOC SCI)

63914 003 LEC, 11:00-12:15 TTh, Labovitz Schl Bus & Econ
118, In Person Term Based; Melaku Abegaz ; 3 cr.
64000 002 LEC, 13:00-13:50 MWF, Labovitz Schl Bus &
Econ 118, In Person Term Based; Luiggi Donayre ; 3 cr.
64049 001 LEC, 10:00-10:50 MWF, Labovitz Schl Bus &
Econ 118, In Person Term Based; Luiggi Donayre ; 3 cr.

1023 Principles of Economics: Micro

(A-F or Audit; Prereq: Minimum 15 credits or
department consent/SOC SCI)

63915 001 LEC, 9:00- 9:50 MWF, Labovitz Schl Bus & Econ
118, In Person Term Based; Yufei Ren ; 3 cr.
63916 002 LEC, 14:00-14:50 MWF, Labovitz Schl Bus &
Econ 118, In Person Term Based; Yufei Ren ; 3 cr.
63974 003 LEC, 9:30-10:45 TTh, Labovitz Schl Bus & Econ
118, In Person Term Based; Christopher McIntosh ; 3 cr.

2030 Applied Statistics for Business and Economics

(A-F or Audit; Prereq: minimum 30 credits, LSBE
student, pre-business or pre-accounting or Econ
BA major or Graphic Design and Marketing major or
Graphic Design with Marketing subplan major or Econ
minor or Accounting minor or Business Admin minor;

credit will not be granted if already received for Econ
2020, Stat 1411, Stat 2411, Stat 3611, Soc 3151, Psy
3020/LOGIC & QR)

63985 001 LEC, 11:00-11:50 MWF, Labovitz Schl Bus &
Econ 125, In Person Term Based; Melaku Abegaz ; 3 cr.
63986 002 LEC, 11:00-12:15 TTh, Labovitz Schl Bus & Econ
125, In Person Term Based; Yufei Ren ; 3 cr.
63987 003 LEC, 12:30-13:45 TTh, Labovitz Schl Bus & Econ
125, In Person Term Based; Yufei Ren ; 3 cr.
63988 004 LEC, 13:00-13:50 MWF, Labovitz Schl Bus &
Econ 125, In Person Term Based; Melaku Abegaz ; 3 cr.
70082 005 LEC, Completely Online; Pamela Gipe ; 3 cr.

3022 Intermediate Macroeconomics

(A-F or Audit; Prereq: 1022, 1023, Math 1160 or Math
1296, Econ major or minor or LSBE candidate)

64048 001 LEC, 14:00-14:50 MWF, Labovitz Schl Bus &
Econ 233, In Person Term Based; Luiggi Donayre ; 3 cr.

3023 Intermediate Microeconomics

(A-F or Audit; Prereq: 1022, 1023, Math 1160 or Math
1296, Econ major or minor or LSBE candidate)

64010 001 LEC, 11:00-12:15 TTh, Labovitz Schl Bus & Econ
233, In Person Term Based; Gibson Nene ; 3 cr.

3030 Econometrics I

(A-F or Audit; Prereq: 1022, 1023, (2030 or Stat 1411 or
Stat 2411 or Stat 3611), Math 1160 or Math 1296, Econ
major or minor or LSBE candidate)

64100 001 LEC, 9:30-10:45 TTh, Labovitz Schl Bus & Econ
165, In Person Term Based; Neil Wilmot ; 3 cr.

3311 Money and Banking

(A-F or Audit; Prereq: 1022, Econ major or minor or
LSBE candidate)

64069 001 LEC, 10:00-10:50 MWF, Labovitz Schl Bus &
Econ 135, In Person Term Based; Ariuna Taivan ; 3 cr.

3402 Global Economic Issues

(A-F or Audit; Prereq: LSBE candidate or Econ major
or Econ minor)

64091 001 LEC, 12:30-13:45 TTh, Labovitz Schl Bus & Econ
118, In Person Term Based; Gibson Nene ; 3 cr.

3821 Labor Economics: Theory and Issues

(A-F or Audit; Prereq: 1023, preferred but not required
3023, Econ major or minor or LSBE cand)

64109 001 LEC, 15:30-16:45 TTh, Labovitz Schl Bus & Econ
125, In Person Term Based; Melaku Abegaz ; 3 cr.

4040 Econometrics II

(A-F or Audit; Prereq: 3030 or Stat 5511 or MKTG 3761)
64057 001 LEC, 15:30-16:45 TTh, Labovitz Schl Bus & Econ
229, In Person Term Based; Neil Wilmot ; 3 cr.

4397 Economics Internship

(A-F only; Prereq: LSBE Candidate, prior major
coursework, consent of Internship Director; no grad
credit)

63956 001 FWK, Independent/Directed Study; Angie
Soderberg ; 1-6 cr.

4410 International Economics

(A-F or Audit; Prereq: 1022, 1023, 3022 or 3023, no grad
credit)

65645 001 LEC, 14:00-14:50 MWF, Labovitz Schl Bus &
Econ 229, In Person Term Based; Ariuna Taivan ; 3 cr.

4991 Independent Study

(A-F or Audit; Prereq: Economics major, 12 credits of
Econ 3xxx or above, instructor consent)

63913 001 IND, Independent/Directed Study; Christopher
McIntosh ; 1-6 cr.

Education (EDUC)

1000 Human Development

(A-F or Audit;)

61571 001 LEC, 8:00- 9:15 TTh, Bohannon Hall 108, In
Person Term Based; Kim Riordan ; 3 cr.
61572 002 LEC, 9:30-10:45 TTh, Bohannon Hall 108, In
Person Term Based; Kim Riordan ; 3 cr.
70043 003 LEC, 15:30-16:45 TTh, Bohannon Hall 108, In
Person Term Based; Jane Ellen Dietrich ; 3 cr.

1100 Human Diversity

(A-F or Audit; CDIVERSITY)

61518 001 LEC, 15:30-16:45 TTh, Ed Endazhi-
gikino'amaading 16, In Person Term Based; Kim Riordan ;
3 cr.
61565 002 LEC, 17:00-19:30 T, Solon Campus Center 21, In
Person Term Based; Insoon Han ; 3 cr.
61952 003 LEC, 10:00-10:50 MWF, Bohannon Hall 104, In
Person Term Based; Chang'aa Mweti ; 3 cr.

1101 Education in Modern Society

(A-F or Audit; HUMANITIES)

61569 001 LEC, 14:00-14:50 MWF, Montague Hall 80, In
Person Term Based; Daniel Gilsczinski ; 3 cr.
61570 002 LEC, 16:00-18:50 T, Montague Hall 80, In Person
Term Based; Frank Gulbrandsen ; 3 cr.

1103 Introduction to Africa

(A-F or Audit; GLOBAL PER)

61948 001 LEC, 17:00-18:15 TTh, Humanities Building
314, In Person Term Based; Meets With: 001 AAAS 1103;
Chang'aa Mweti ; 3 cr.

2000 Technology for Teaching and Learning

(A-F or Audit; Prereq: minimum 12 credits)

61851 001 LEC, 15:00-16:50 M, Ed Endazhi-
gikino'amaading 17, Partially Online; Helen Mongan-
Rallis ; 3 cr.
61957 002 LEC, 15:00-16:50 W, Ed Endazhi-
gikino'amaading 17, Partially Online; Helen Mongan-
Rallis ; 3 cr.

2302 Topics in Academic Reading II

(A-F or Audit; Prereq: This course was previously
listed as LANG 2302; maximum of 6 credits between
EDUC 2302 and LANG 2302)

66784 001 LEC, 9:00- 9:50 MWF, Cina Hall 214, In Person
Term Based; Anna Gavrilova ; 3 cr.

2304 Editing for Writers

(A-F or Audit; Prereq: This course was previously
listed as LANG 2304; maximum of 4 credits between
EDUC 2304 and LANG 2304)

66785 001 LEC, 10:00-10:50 W, Montague Hall 151, Partially
Online; Alex Seydow ; 2 cr.

3381 Teaching American Indian Students in the Elementary Classroom

(A-F only; Prereq: Admission to IESE program and
successful completion of Blocks One and Two courses
and associated field experiences; credit will not be
granted if already received for ELED 3381)

61848 001 LEC, 11:00-11:50 TTh, Ed Endazhi-
gikino'amaading 51, Partially Online; Brian McInnes ; 3 cr.

3412 The Computer in Education

(A-F or Audit;)

61574 001 LEC, 10:00-11:50 MW, Montague Hall 209, In
Person Term Based; David McCarthy ; 4 cr.
61575 002 LEC, 13:00-14:50 MW, Montague Hall 209, In
Person Term Based; David McCarthy ; 4 cr.

4040 World Language Teaching Methods

(A-F or Audit; Prereq: FR 2301 or GER 2301 or SPAN
2301 or equivalent, admission to EdSe program or
instructor consent; grad credit; credit will not be
granted if already received for LANG 4044)

61840 001 LEC, 00:00-00:00 , ONLINE, Completely Online;
Brian McInnes ; 4 cr.

4110 Advanced Earth Science for Teachers

(A-F or Audit; Prereq: AST 1040, EDSE 3204, GEOL
1110, 2110 or 2120 or 3210; teaching science majors
or grad student or instructor consent; no grad credit,
credit will not be granted if already received for GEOL
4110)

61945 001 LEC, 11:00-11:50 TTh, Montague Hall 151,
Partially Online; Erin Peppelnjak ; 2 cr.

4226 Geometry for Teachers in Grades 5-8

(A-F or Audit; Prereq: Math 1140 or 1296)

61688 001 LEC, 18:00-20:50 T, Ed Endazhi-
gikino'amaading 17, In Person Term Based; Kay
Wohlhuter ; 3 cr.

4234 Science, Technology, and Society

(A-F or Audit; Prereq: Minimum 30 credits, no grad
credits/SUSTAIN)

61606 001 LEC, 15:30-16:45 TTh, Montague Hall 151, In
Person Term Based; Joan Kwako ; 3 cr.

4347 Second Language Acquisition & ELL: How Second Languages are Learned & Methods for Teaching

(A-F only; Prereq: Admission to IESE program and
successful completion of Block One courses and
associated field experience; no grad credit; credit will
not be granted if already received for ELED 4347)

61850 001 LEC, 13:00-13:50 TTh, Montague Hall 151, In
Person Term Based; Christopher Johnson ; 2 cr.

4381 Teaching Indigenous Students

(A-F or Audit; Prereq: EDSE 4100; no grad credit; credit will not be granted if already received for EDUC 5381.)
61582 001 LEC, 8:00- 9:15 TTh, Montague Hall 151, Partially Online; Roxanne Gould ; 3 cr.
62048 002 LEC, 14:00-15:15 TTh, Ed Endazhi-gikinoo'amaading 16, Partially Online; Roxanne Gould ; 3 cr.

4500 Professional Issues and Ethics
(A-F or Audit; Prereq: Admission to the elementary education program, successful completion of courses in block one and block two, no grad credit)
61573 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Daniel Glisczinski ; 1 cr.

4990 Education Teacher Performance Assessment
(No Grade Associated;)
69728 001 IND, In Person Term Based; 0 cr.

4991 Independent Study
(A-F or Audit; Prereq: instructor consent; no grad credit)
61584 001 IND, 00:00-00:00 , Independent/Directed Study; ; 0.5-3 cr.
62006 002 IND, Independent/Directed Study; 0.5-3 cr.
62007 003 IND, Independent/Directed Study; 0.5-3 cr.

5081 American Indian Education Policy Development in the 20th Century
(A-F or Audit; Prereq: Graduate student; credit will not be granted if already received for EDUC 4081)
66786 001 LEC, 8:30-14:00 Su, Ed Endazhi-gikinoo'amaading 17, Primarily Online; David Beaulieu ; 3 cr.

5230 Indigenous Peoples and Environmental Sustainability
(A-F or Audit;)
66787 001 DIS, 17:30-20:30 F, Montague Hall 151, Primarily Online; Roxanne Gould ; 2-3 cr.

5413 Teaching With Technology
(A-F or Audit; Prereq: Min 60 cr or coll grad, 3412 or coll grad or instructor consent)
61697 001 LEC, 16:00-19:50 W, Montague Hall 209, In Person Term Based; David McCarthy ; 4 cr.

5415 Teaching Online and Hybrid Courses
(A-F or Audit; Prereq: Min 60 cr or coll grad, 3412 or 5412, 5413, 5414 or instructor consent)
61866 001 LEC, 17:00-20:50 M, Ed Endazhi-gikinoo'amaading 17, In Person Term Based; Helen Mongan-Rallis ; 4 cr.

5990 Research Project
(S-N only; Prereq: Instructor consent)
62046 001 IND, 14:30-19:00 Sa, Montague Hall 151, Primarily Online; ; 1-6 cr.
62049 002 IND, 14:30-16:00 Sa, Ed Endazhi-gikinoo'amaading 50, Primarily Online; Insoon Han ; 1-6 cr.
62050 003 IND, 14:30-16:00 Sa, Montague Hall 206, Primarily Online; Frank Guldbrandsen ; 1-6 cr.
62051 004 IND, 14:30-16:00 Sa, Montague Hall 203, Primarily Online; Christopher Johnson ; 1-6 cr.
62052 005 IND, Independent/Directed Study; Roxanne Gould ; 1-6 cr.
62053 006 IND, Independent/Directed Study; ; 1-6 cr.

5991 Independent Study
(A-F or Audit;)
61585 001 IND, 00:00-00:00 , Independent/Directed Study; ; 0.5-4 cr.
61684 002 IND, 00:00-00:00 , Independent/Directed Study; ; 0.5-4 cr.
61832 003 IND, 00:00-00:00 , Independent/Directed Study; ; 0.5-4 cr.
61858 004 IND, Independent/Directed Study; ; 0.5-4 cr.
61859 005 IND, Independent/Directed Study; ; 0.5-4 cr.
61860 006 IND, Independent/Directed Study; ; 0.5-4 cr.
62008 007 IND, Independent/Directed Study; ; 0.5-4 cr.

7002 Human Diversity and Exceptionality
(A-F or Audit; Prereq: MEd candidate or instructor consent; credit will not be granted if already received for EHS 7002)
61765 001 LEC, 8:30-14:00 Su, Montague Hall 151, Primarily Online; Nedra Hazareesingh ; 3 cr.

7004 Foundations of Educational Research
(A-F or Audit; Prereq: M.SpEd student or MEd student or instructor consent; credit will not be granted if already received for EHS 7004)
62025 001 LEC, 8:30-14:00 Su, Montague Hall 151, Primarily Online; Insoon Han ; 3 cr.

7006 Ethics and Professionalism in Education
(A-F or Audit; Prereq: MEd cand or instructor consent; credit will not be granted if already received for EHS 7006)
61845 001 LEC, 8:30-14:00 Sa, Montague Hall 151, Primarily Online; Frank Guldbrandsen ; 2 cr.

7016 Qualitative Methods for Educational Research
(S-N or Audit;)
62026 001 LEC, 8:30-14:00 Su, Montague Hall 151, Primarily Online; Lynn Brice ; 3 cr.

7018 Statistics for Educational Research
(S-N or Audit; Prereq: instructor consent)
62027 001 LEC, 8:30-14:00 Su, Ed Endazhi-gikinoo'amaading 17, Primarily Online; Insoon Han ; 3 cr.

8888 Thesis Credit: Doctoral
(No Grade Associated; Prereq: Max 18 cr per semester or summer; 24 cr required)
61766 001 IND, 00:00-00:00 , Independent/Directed Study; Jean Stevenson ; 1-24 cr.
61844 002 IND, 00:00-00:00 , Independent/Directed Study; Lynn Brice ; 1-24 cr.
62009 003 IND, 00:00-00:00 , Independent/Directed Study; Joyce Strand ; 1-24 cr.
62010 004 IND, Independent/Directed Study; Julie Ernst ; 1-24 cr.
62011 005 IND, Independent/Directed Study; Ariri Onchwari ; 1-24 cr.
62012 006 IND, Independent/Directed Study; David Beaulieu ; 1-24 cr.

Education, Secondary (EDSE)

3206 Apprenticeship: Secondary School
(A-F or Audit; Prereq: Admission to EdSe program, must be taken either after or concurrently with EDSE 3204)
61576 001 FWK, 8:00- 8:50 MW, Ed Endazhi-gikinoo'amaading 36, Partially Online; Daniel Glisczinski ; 2 cr.

4100 Teaching in a Diverse Society
(A-F or Audit; Prereq: Admission to EdSe program)
61577 001 LEC, 18:00-20:45 T, Bohannon Hall 346, In Person Term Based; Nedra Hazareesingh ; 3 cr.
62045 002 LEC, 18:00-20:45 W, Montague Hall 151, In Person Term Based; Nedra Hazareesingh ; 3 cr.

4204 Designing Learning Environments and Lessons
(A-F or Audit; Prereq: Admission to EdSe program; no grad credit)
61934 001 LEC, 8:00- 9:50 MW, Montague Hall 151, Partially Online; Meets With: 001 EDSE 5204; Erin Pepelnjak ; 3 cr.
61935 002 LEC, 13:00-14:50 MW, Ed Endazhi-gikinoo'amaading 17, Partially Online; Meets With: 002 EDSE 5204; Erin Pepelnjak ; 3 cr.

4214 Teaching Content-Area Reading
(A-F or Audit;)
61672 001 LEC, 13:00-13:50 MWF, Ed Endazhi-gikinoo'amaading 16, In Person Term Based; Christopher Johnson ; 2 cr.

4215 Teaching Reading and Literature: Grades 5-12
(A-F or Audit; Prereq: Major or pre teaching comm arts/ lit students)
61733 001 LEC, 15:30-17:20 TTh, Voss-Kovach Hall 221, In Person Term Based; Burke Scarbrough ; 4 cr.

4244 Teaching Social Studies: Grades 5-12
(A-F or Audit; Prereq: Admission to EdSe program, 3204 or instructor consent; no grad credit)
61579 001 LEC, 16:00-18:40 W, Ed Endazhi-gikinoo'amaading 51, In Person Term Based; Lynn Brice ; 3 cr.

4255 Teaching Science: Grades 5-12
(A-F or Audit; Prereq: Admission to EdSe program, 3204 or instructor consent; no grad credit)
61846 001 LEC, 15:00-16:50 MW, Montague Hall 151, In Person Term Based; Meets With: 001 EDSE 5255; Erin Pepelnjak ; 3 cr.

4501 Adolescent/Adult Development and Learning Theory

(A-F or Audit; Prereq: Admission to EdSe program; no grad credit)
61578 001 LEC, 14:00-15:15 TTh, Ed Endazhi-gikinoo'amaading 36, Partially Online; Meets With: 001 EDSE 5501; Daniel Glisczinski ; 3 cr.

4525 Assessment for Secondary Education
(A-F only; Prereq: instructor consent; no grad credit)
61745 001 LEC, 9:30-10:45 TTh, Ed Endazhi-gikinoo'amaading 16, Partially Online; Meets With: 001 EDSE 5525; Erin Pepelnjak ; 3 cr.

4600 Student Teaching
(S-N or Audit; Prereq: 4100, 4501, appropriate methods course; no grad credit)
61597 001 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 3-12 cr.
61613 002 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 3-12 cr.
61650 003 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 3-12 cr.
61651 004 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 3-12 cr.
61652 005 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 3-12 cr.
61654 007 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 3-12 cr.
61655 008 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 3-12 cr.
61656 009 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 3-12 cr.
61657 010 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 3-12 cr.
61991 011 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 3-12 cr.
61992 012 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 3-12 cr.

5204 Designing Learning Environments
(A-F or Audit; Prereq: Grad student or new faculty at a community college; instructor consent)
61936 001 LEC, 8:00- 9:50 MW, Montague Hall 151, Partially Online; Meets With: 001 EDSE 4204; Erin Pepelnjak ; 3 cr.
61937 002 LEC, 13:00-14:50 MW, Ed Endazhi-gikinoo'amaading 17, Partially Online; Meets With: 002 EDSE 4204; Erin Pepelnjak ; 3 cr.

5255 Teaching Science Grades 5 - 12
(A-F or Audit; Prereq: 5000, 5204, 5501, 5525)
61938 001 LEC, 15:00-16:50 MW, Montague Hall 151, Partially Online; Meets With: 001 EDSE 4255; Erin Pepelnjak ; 3 cr.

5501 Adolescent/Adult Development and Learning Theory
(A-F or Audit; Prereq: Grad student or faculty at post-secondary institution or instructor consent)
61939 001 LEC, 14:00-15:15 TTh, Ed Endazhi-gikinoo'amaading 36, Partially Online; Meets With: 001 EDSE 4501; Daniel Glisczinski ; 3 cr.

5525 Assessment for Secondary Education
(A-F or Audit; Prereq: graduate student, faculty at community college or instructor consent)
61940 001 LEC, 9:30-10:45 TTh, Ed Endazhi-gikinoo'amaading 16, Partially Online; Meets With: 001 EDSE 4525; Erin Pepelnjak ; 3 cr.

Education/Human Service Pro (EHS)

799 CEHSP Masters Active Status
(No Grade Associated; Prereq: MEd or MSpEd students only)
61675 001 IND, Independent/Directed Study; 0 cr.

Educational Administration (EDAD)

5914 Education Policy
(A-F or Audit; Prereq: EdAd lic program or collegiate graduate program admission instr consent; no Grad School cr)
66625 001 LEC, 8:30-12:00 Sa, Ed Endazhi-gikinoo'amaading 17, 8:30-12:00 Sa, Ed Endazhi-gikinoo'amaading 17, 8:30-12:00 Sa, Ed Endazhi-gikinoo'amaading 17, Primarily Online; Frank Guldbrandsen ; 3 cr.

5915 Operations Resource Management and Scheduling in Education**(A-F or Audit; Prereq: EdAd lic program or collegiate graduate program admission or instr consent; no Grad School cr)**

66626 001 LEC, 12:30-16:00 Sa, Ed Endazhi-gikinoo/amaading 17, 12:30-16:00 Sa, Ed Endazhi-gikinoo/amaading 17, 12:30-16:00 Sa, Ed Endazhi-gikinoo/amaading 17, Primarily Online; Charles Rick ; 3 cr.

5922 Problem Solving for Superintendents**(A-F or Audit; Prereq: EdAd lic program or collegiate grad program admission or instructor consent)**

61762 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Charles Rick ; 3 cr.

5923 Field Exploration**(S-N only; Prereq: EdAd lic program or collegiate grad program admission or instructor consent)**

61811 001 LEC, 00:00-00:00 , Independent/Directed Study; Charles Rick ; 2 cr.

5997 Professional Competency**Assessment: Principals****(A-F or Audit; Prereq: EdAd lic program or collegiate graduate program admission or instructor consent)**

61756 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Charles Rick ; 1 cr.

5998 Professional Competency**Assessment: Superintendents****(A-F or Audit; Prereq: EdAd Lic program or collegiate graduate program admission or instructor consent)**

61763 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Charles Rick ; 1 cr.

6997 Internship: Principals**(S-N only; Prereq: EdAd lic program or collegiate graduate program or instructor consent)**

66627 001 FWK, Independent/Directed Study; Charles Rick ; 6 cr.

6998 Internship: Superintendents**(S-N only; Prereq: EdAd lic program or collegiate graduate program admission or instructor consent)**

61764 001 FWK, 00:00-00:00 , Independent/Directed Study; Charles Rick ; 6 cr.

Electrical Engineering (EE)**1315 Digital Logic****(A-F or Audit; Prereq: CE, ChE, CS, EE, IE, ME majors or instructor consent)**

62696 001 LEC, 10:00-10:50 MWF, M W Alworth Hall 191, In Person Term Based; George Zimmerman ; 4 cr.

62697 002 LAB, 9:00-11:50 T, M W Alworth Hall 295, In Person Term Based; George Zimmerman ; 4 cr.

62698 003 LAB, 13:00-15:50 T, M W Alworth Hall 295, In Person Term Based; George Zimmerman ; 4 cr.

2006 Electrical Circuit Analysis**(A-F or Audit; Prereq: Phys 2015, Math 3280 (Concurrent registration is allowed))**

62861 001 LEC, 11:00-12:15 TTh, M W Alworth Hall 191, In Person Term Based; ; 4 cr.

62862 002 LAB, 16:00-18:50 M, M W Alworth Hall 391, In Person Term Based; ; 4 cr.

62924 003 LAB, 16:00-18:50 W, M W Alworth Hall 391, In Person Term Based; ; 4 cr.

63695 004 LAB, 16:00-18:50 Th, M W Alworth Hall 391, In Person Term Based; ; 4 cr.

66912 005 LEC, 12:00-12:50 MWF, Engineering Building 280, In Person Term Based; ; 4 cr.

66913 006 LAB, 9:00-11:50 T, M W Alworth Hall 391, In Person Term Based; ; 4 cr.

66914 007 LAB, 13:00-15:50 T, M W Alworth Hall 391, In Person Term Based; ; 4 cr.

66915 008 LAB, 16:00-18:50 T, M W Alworth Hall 391, In Person Term Based; ; 4 cr.

69715 009 LEC, 16:00-17:15 TTh, Kirby Plaza 385, In Person Term Based; Mohammed Hasan ; 4 cr.

69716 010 LAB, 9:00-11:50 T, M W Alworth Hall 393, In Person Term Based; Mohammed Hasan ; 4 cr.

69717 011 LAB, 13:00-15:50 T, M W Alworth Hall 393, In Person Term Based; Mohammed Hasan ; 4 cr.

2111 Linear Systems and Signal Analysis**(A-F or Audit; Prereq: 2006)**

62704 001 LEC, 13:00-13:50 MWF, Kirby Plaza 312, In Person Term Based; Imran Hayee ; 4 cr.

62705 002 LAB, 9:00-11:50 Th, M W Alworth Hall 393, In Person Term Based; Imran Hayee ; 4 cr.

62706 003 LAB, 13:00-15:50 Th, M W Alworth Hall 393, In Person Term Based; Imran Hayee ; 4 cr.

2212 Electronics I**(A-F or Audit; Prereq: 2006)**

62708 001 LEC, 10:00-10:50 MWF, Chemistry Building 155, In Person Term Based; Stanley Burns ; 4 cr.

62709 002 LAB, 9:00-11:50 Th, M W Alworth Hall 391, In Person Term Based; Stanley Burns ; 4 cr.

62710 003 LAB, 13:00-15:50 Th, M W Alworth Hall 391, In Person Term Based; Stanley Burns ; 4 cr.

2325 Microprocessor Systems**(A-F or Audit; Prereq: 1315)**

62857 001 LEC, 12:00-12:50 MWF, M W Alworth Hall 191, In Person Term Based; Christopher Carroll ; 4 cr.

62858 002 LAB, 00:00-00:00 , In Person Term Based; Christopher Carroll ; 4 cr.

3151 Control Systems**(A-F or Audit; Prereq: 2111)**

62925 001 LEC, 16:00-17:15 TTh, M W Alworth Hall 191, In Person Term Based; Desineni Naidu ; 4 cr.

63452 002 LAB, 9:00-11:50 T, M W Alworth Hall 141, In Person Term Based; Desineni Naidu ; 4 cr.

63453 003 LAB, 13:00-15:50 T, M W Alworth Hall 141, In Person Term Based; Desineni Naidu ; 4 cr.

3235 Electronics II**(A-F or Audit; Prereq: 2212)**

62948 001 LEC, 11:00-11:50 MWF, Kirby Plaza 385, In Person Term Based; Hua Tang ; 4 cr.

62951 002 LAB, 9:00-11:50 Th, M W Alworth Hall 293, In Person Term Based; Hua Tang ; 4 cr.

62966 003 LAB, 13:00-15:50 Th, M W Alworth Hall 293, In Person Term Based; Hua Tang ; 4 cr.

3445 Electromagnetic Fields**(A-F or Audit; Prereq: Math 3280, 3298, Phys 2012 or 2015 and 2016)**

63531 001 LEC, 9:00-9:50 MWF, M W Alworth Hall 191, In Person Term Based; George Zimmerman ; 3 cr.

4305 Computer Architecture**(A-F or Audit; Prereq: 2325)**

63376 002 LAB, 13:00-15:50 Th, M W Alworth Hall 41, In Person Term Based; Taek Kwon ; 4 cr.

63552 001 LEC, 13:00-13:50 MWF, Chemistry Building 251, In Person Term Based; Taek Kwon ; 4 cr.

4321 Computer Networks**(A-F or Audit; Prereq: 2325)**

67388 001 LEC, 11:00-11:50 MWF, Chemistry Building 155, In Person Term Based; Taek Kwon ; 3 cr.

4341 Digital Systems**(A-F or Audit; Prereq: 2325, no graduate credit; credit will not be granted if already received for ECE 3341)**

62859 001 LEC, 8:00-8:50 MWF, M W Alworth Hall 191, In Person Term Based; Christopher Carroll ; 4 cr.

62860 002 LAB, 00:00-00:00 , In Person Term Based; Christopher Carroll ; 4 cr.

4501 Power Systems**(A-F or Audit; Prereq: 2006; no grad credit)**

62926 001 LEC, 17:30-18:45 MW, M W Alworth Hall 191, In Person Term Based; Scott Norr ; 4 cr.

62927 002 LAB, 9:00-11:50 T, M W Alworth Hall 291, In Person Term Based; Scott Norr ; 4 cr.

63645 003 LAB, 13:00-15:50 T, M W Alworth Hall 291, In Person Term Based; Scott Norr ; 4 cr.

63646 004 LAB, 8:00-10:50 Th, M W Alworth Hall 291, In Person Term Based; Scott Norr ; 4 cr.

63647 005 LAB, 13:00-15:50 Th, M W Alworth Hall 291, In Person Term Based; Scott Norr ; 4 cr.

4611 Introduction to Solid-State**Semiconductors****(A-F or Audit; Prereq: Phys 2012 or 2015; credit will not be granted if already received for ECE 3611)**

62712 001 LEC, 14:00-14:50 MWF, M W Alworth Hall 191, In Person Term Based; Jing Bai ; 3 cr.

4896 Co-op in Electrical Engineering**(S-N or Audit; Prereq: BSEE or MSEE standing in Electrical Engineering, department consent)**

66883 001 FWK, In Person Term Based; Stanley Burns ; 1 cr.

4899 Senior Design Project I**(A-F or Audit; Prereq: WRIT 3130, BSECE or BSEE or BSEP cand, instructor consent; no grad credit, credit will not be granted if already received for 4951)**

63533 001 LAB, In Person Term Based; Imran Hayee ; 1 cr.

63537 002 LAB, In Person Term Based; 1 cr.

63538 003 LAB, In Person Term Based; 1 cr.

4951 Design Workshop**(A-F or Audit; Prereq: WRIT 3130 previous or concurrent registration allowed, BSECE or BSEE or BSEP cand, instructor consent; no Grad credit; credit will not be granted if already received for 4899)**

66885 001 LAB, 8:00-8:50 T, M W Alworth Hall 291, In Person Term Based; Scott Norr ; 4 cr.

4991 Independent Study**(A-F or Audit; Prereq: instructor consent; does not qualify as EE or ECE technical elective)**

62815 001 IND, 00:00-00:00 , Independent/Directed Study; Desineni Naidu ; 1-3 cr.

4999 Senior Design Project II**(A-F or Audit; Prereq: 4899 and BSEP candidate, instructor consent, no Grad credit; credit will not be granted if already received for 4951)**

63534 001 LAB, 00:00-00:00 , In Person Term Based; Stanley Burns ; 3 cr.

63539 002 LAB, 00:00-00:00 , In Person Term Based; Scott Norr ; 3 cr.

63540 003 LAB, 00:00-00:00 , In Person Term Based; Hua Tang ; 3 cr.

5351 Introduction to Robotics and Mobile**Robot Control Architectures****(A-F or Audit; Prereq: 3151)**

63498 001 LEC, 15:00-15:50 MWF, M W Alworth Hall 191, In Person Term Based; George Zimmerman ; 3 cr.

5477 Antennas and Transmission Lines**(A-F or Audit; Prereq: 3445; credit will not be granted if already received for 4477)**

63047 001 LEC, 16:00-17:15 MW, M W Alworth Hall 191, In Person Term Based; Tom Ferguson ; 3 cr.

5479 Antennas and Transmission Lines**Laboratory****(A-F or Audit; Prereq: 5477 pre or co-req)**

63541 001 LAB, 11:00-12:50 Th, M W Alworth Hall 291A, In Person Term Based; Tom Ferguson ; 1 cr.

5522 Power Electronics I**(A-F or Audit; Prereq: 3235)**

67489 001 LEC, 12:00-12:50 MWF, M W Alworth Hall 291, In Person Term Based; Scott Norr ; 3 cr.

8222 Master's Plan B Research and Design**Project****(S-N only; Prereq: Graduate student, instructor consent; credit will not be granted if already received for 8777)**

63294 001 IND, Independent/Directed Study; 1-3 cr.

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

63165 001 IND, Independent/Directed Study; 1 cr.

8741 Digital Image Processing**(A-F or Audit; Prereq: 4741)**

66872 001 LEC, In Person Term Based; Mohammed Hasan ; 4 cr.

8777 Thesis Credits: Master's**(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required (Plan A only))**

63024 001 IND, 00:00-00:00 , Independent/Directed Study; Desineni Naidu ; 1-18 cr.

63025 002 IND, 00:00-00:00 , Independent/Directed Study; Imran Hayee ; 1-18 cr.

63026 003 IND, 00:00-00:00 , Independent/Directed Study; Christopher Carroll ; 1-18 cr.

Elementary Education (ELED)**4600 Student Teaching****(S-N or Audit; Prereq: Successful completion of Blocks One, Two, and Three courses and associated field experiences, admission to Student Teaching, no grad credit)**

61580 001 FWK, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, Independent/Directed Study; ; 6-12 cr.

61611 002 FWK, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, Independent/Directed Study; ; 6-12 cr.

61644 003 FWK, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, Independent/Directed Study; ; 6-12 cr.

61645 004 FWK, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, Independent/Directed Study; ; 6-12 cr.
 61646 005 FWK, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, Independent/Directed Study; ; 6-12 cr.
 61647 007 FWK, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, Independent/Directed Study; ; 6-12 cr.
 61648 008 FWK, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, Independent/Directed Study; ; 6-12 cr.
 61649 009 FWK, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, Independent/Directed Study; ; 6-12 cr.
 61660 006 FWK, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, Independent/Directed Study; ; 6-12 cr.
 61700 010 FWK, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, Independent/Directed Study; ; 6-12 cr.
 61728 011 FWK, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, Independent/Directed Study; ; 6-12 cr.
 61993 012 FWK, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, Independent/Directed Study; ; 6-12 cr.
 61994 013 FWK, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, Independent/Directed Study; ; 6-12 cr.
 61995 014 FWK, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, Independent/Directed Study; ; 6-12 cr.
 61996 015 FWK, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, 13:30-15:30 F, Room TBA, Independent/Directed Study; ; 6-12 cr.

4650 Student Teaching in Individual**Subjects: K-8**

(S-N or Audit; Prereq: Art education candidate or music education candidate , or physical education candidate or instructor consent; no grad credit)

61589 001 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 1-6 cr.
 61658 002 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 1-6 cr.
 61659 003 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 1-6 cr.
 61661 004 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 1-6 cr.
 61677 005 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 1-6 cr.
 61678 006 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 1-6 cr.
 61997 007 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 1-6 cr.
 61998 008 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 1-6 cr.
 61999 009 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 1-6 cr.
 62000 010 FWK, 12:00-16:00 F, Room TBA, 9:00-16:00 F, Room TBA, Independent/Directed Study; ; 1-6 cr.

4991 Independent Study

(A-F or Audit; Prereq: department consent; no grad credit)

61581 001 IND, 00:00-00:00 , , Independent/Directed Study; ; 1-6 cr.
 61715 002 IND, 00:00-00:00 , , Independent/Directed Study; ; 1-6 cr.

Engineering (ENGR)**1222 Introduction to Solid Modeling**

(A-F or Audit; Prereq: Math 1296, Engr 1210 (co-registration allowed))

63384 001 LEC, 9:00- 9:50 M, Montague Hall 80, In Person Term Based; Abigail Clarke-Sather ; 2 cr.
 63385 002 LAB, 13:00-14:50 W, Engineering Building 204, In Person Term Based; Abigail Clarke-Sather ; 2 cr.
 63386 003 LAB, 10:00-11:50 W, Engineering Building 204, In Person Term Based; Abigail Clarke-Sather ; 2 cr.

Engineering Management (EMGT)**4110 Engineering Professionalism and Practice**

(A-F only; Prereq: WRIT 3130 or 3150 or 3180 and BSCE or BSChE or BSEE or BSIE or BSME or BSCE candidate within 2 semesters of graduation or instructor consent; no grad credit)

63114 001 LEC, 10:00-10:50 T, Solon Campus Center 120, In Person Term Based; Hongyi Chen ; 2 cr.
 63115 002 LAB, 10:00-11:50 Th, Solon Campus Center 120, In Person Term Based; Hongyi Chen ; 2 cr.

5240 Advanced Operations Management (A-F only; Prereq: EMgt student or MBA student or department approval)

63714 001 LEC, 14:00-14:50 MWF, Engineering Building 280, In Person Term Based; Meets With: 001 IE 4020; Turuna Seecharan ; 3 cr.

5991 Independent Study in Engineering Management

(Student Option; Prereq: MSEM cand, department approval)

66862 001 IND, In Person Term Based; Michael Greminger ; 1-4 cr.
 69769 002 IND, In Person Term Based; Tarek Al-Geddawy ; 1-4 cr.
 69770 003 IND, In Person Term Based; Robert Feyen ; 1-4 cr.
 69771 004 IND, In Person Term Based; Hongyi Chen ; 1-4 cr.

8310 Project Methodology and Practice

(A-F only; Prereq: 5110, 5120, 5130, 5160)

63517 001 FWK, Online & Distance Lrng (ODL); Hongyi Chen ; 3 cr.

8777 Thesis Credits: Master's

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

63072 818 IND, 00:00-00:00 , , Independent/Directed Study; Tarek Al-Geddawy ; 1-18 cr.
 63073 819 IND, 00:00-00:00 , , Independent/Directed Study; Ona Egbue ; 1-18 cr.
 63179 820 IND, 00:00-00:00 , , Independent/Directed Study; Brian Hinderliter ; 1-18 cr.
 63368 821 IND, 00:00-00:00 , , Independent/Directed Study; Robert Feyen ; 1-18 cr.
 63369 822 IND, 00:00-00:00 , , Independent/Directed Study; Alison Hoxie ; 1-18 cr.
 63451 823 IND, 00:00-00:00 , , Independent/Directed Study; Michael Greminger ; 1-18 cr.
 63507 824 IND, 00:00-00:00 , , Independent/Directed Study; Hongyi Chen ; 1-18 cr.

8993 Engineering Management Seminar

(S-N only; Prereq: Grad student, department approval)

63018 811 LEC, 12:00-12:50 W, Montague Hall 80, In Person Term Based; Meets With: 001 IE 4993001 ME 8993; Puttagounder Dhanasekaran Swaminathan ; 1 cr.

English (ENGL)**1535 King Arthur in History, Literature, and Art**

(A-F or Audit; HUMANITIES)

62535 001 LEC, 10:00-11:50 MW, Chester Park 204, In Person Term Based; Krista Twu ; 4 cr.

1582 Introduction to World Literatures

(A-F or Audit; HUMANITIES,GLOBAL PER)

62294 001 LEC, 8:00- 9:50 TTh, Chemistry Building 150, In Person Term Based; Katie Van Wert ; 4 cr.
 62423 002 LEC, 11:00-12:50 TTh, Ed Endazhigikino'amaading 16, In Person Term Based; Hilary Kowino ; 4 cr.

1583 Introductory Study of Major Topics in Contemporary African Literature

(A-F or Audit; HUMANITIES,GLOBAL PER)

62399 001 DIS, 16:00-17:50 TTh, Swenson Civil Engineering 231, In Person Term Based; Hilary Kowino ; 4 cr.

1666 Tales of Terror

(A-F or Audit; HUMANITIES)

62400 001 LEC, 8:00- 9:50 MW, A B Anderson Hall 235, In Person Term Based; Katie Van Wert ; 4 cr.

1907 Introduction to Literature

(A-F or Audit; Prereq: Primarily for nonmajorsHUMANITIES)

62651 001 LEC, 13:00-13:50 MWF, A B Anderson Hall 225, In Person Term Based; Katherine Basham ; 3 cr.

2571 Contemporary Literature

(A-F or Audit; GLOBAL PER,HUMANITIES)

62612 001 LEC, 12:00-13:50 MW, Ed Endazhigikino'amaading 32, In Person Term Based; Paula Derdiger ; 4 cr.

2601 Reading Film

(A-F or Audit; HUMANITIES)

67386 001 DIS, 16:00-17:50 MW, Kirby Plaza 312, In Person Term Based; Paula Derdiger ; 4 cr.

3121 Writing Poetry

(A-F or Audit;)

62436 001 LEC, 10:00-11:50 MW, Sports and Health Center 210, In Person Term Based; Katherine Basham ; 4 cr.

3223 Shakespeare

(A-F or Audit; HUMANITIES)

62364 001 LEC, 14:00-15:50 TTh, Chemistry Building 251, In Person Term Based; Paul Cannan ; 4 cr.

3502 British Literature II

(A-F or Audit; Prereq: Engl major and minorHUMANITIES)

62446 001 LEC, 12:00-13:50 MW, Bohannon Hall 346, In Person Term Based; Carolyn Sigler ; 4 cr.

3564 American Literature II

(A-F or Audit; HUMANITIES,CDIVERSITY)

62171 001 LEC, 14:00-15:50 MW, Chemistry Building 251, In Person Term Based; Evan Brier ; 4 cr.

3906 Methods of Literary Study

(A-F or Audit; Prereq: WRIT 1120, English major or Teaching Comm Art/Lit major or instructor consent)

62240 001 LEC, 8:00- 9:50 TTh, Humanities Building 480, In Person Term Based; John Schwetman ; 4 cr.

4097 Internship for English Majors

(S-N only; Prereq: minimum 60 credits, instructor consent; no grad credit)

62278 001 FWK, 00:00-00:00 , , Independent/Directed Study; Evan Brier ; 1-4 cr.

4909 Senior Portfolio

(S-N or Audit; Prereq: English major, senior, instructor consent)

62228 001 LEC, 00:00-00:00 , , In Person Term Based; Evan Brier ; 1 cr.
 62567 002 LEC, 00:00-00:00 , , In Person Term Based; Paula Derdiger ; 1 cr.
 62568 003 LEC, 00:00-00:00 , , In Person Term Based; Paul Cannan ; 1 cr.
 62569 004 LEC, 00:00-00:00 , , In Person Term Based; Hilary Kowino ; 1 cr.
 62570 005 LEC, 00:00-00:00 , , In Person Term Based; Burke Scarborough ; 1 cr.
 62571 006 LEC, 00:00-00:00 , , In Person Term Based; Carolyn Sigler ; 1 cr.
 62572 007 LEC, In Person Term Based; John Schwetman ; 1 cr.
 69780 008 LEC, In Person Term Based; Katherine Basham ; 1 cr.
 69781 009 LEC, In Person Term Based; Rochelle Zuck ; 1 cr.

4931 Practicum in Teaching Literature

(A-F or Audit; Prereq: 3906, senior, 4 other upper division literature courses and instructor consent; no grad credit)

62229 001 FWK, 00:00-00:00 , , Independent/Directed Study; ; 4 cr.

5097 Graduate Internship

(S-N only; Prereq: 8906, instructor consent)

62277 001 FWK, 00:00-00:00 , , Independent/Directed Study; Evan Brier ; 1-3 cr.

5116 Advanced Writing of Fiction

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

62437 001 LEC, 14:00-15:50 TTh, Montague Hall 239, In Person Term Based; Rebecca Boyle ; 4 cr.

5375 Modern Poetry

(A-F or Audit; Prereq: 6 credits literature)

66675 001 LEC, 11:00-12:50 TTh, Sports and Health Center 210, In Person Term Based; John Schwetman ; 4 cr.

5444 Childhood in Literature, History and Culture

(A-F or Audit; Prereq: Junior or senior or grad student or instructor consent)

66673 001 LEC, 8:00- 9:50 MW, Bohannon Hall 343, In Person Term Based; Carolyn Sigler ; 4 cr.

5541 Restoration and 18th-Century Literature

(A-F or Audit; Prereq: 6 credits literature)

66672 001 LEC, 11:00-12:50 TTh, Bohannon Hall 343, In Person Term Based; Paul Cannan ; 4 cr.

5574 Studies in American Literature to 1914

(A-F or Audit; Prereq: 6 credits literature)
66674 001 LEC, 10:00-11:50 MW, Bohannon Hall 343, In Person Term Based; Rochelle Zuck ; 4 cr.

5591 Independent Study

(Student Option; Prereq: instructor consent, maximum 6 credits may be applied to grad program)
62371 001 IND, 00:00-00:00 , , Independent/Directed Study; Krista Twu ; 1-5 cr.
62478 002 IND, Independent/Directed Study; Katie Van Wert ; 1-5 cr.

8094 Plan B Research (DRS)

(S-N only; Prereq: instructor consent)
62558 001 IND, In Person Term Based; Evan Brier ; 1 cr.
70123 002 IND, In Person Term Based; Paula Derdiger ; 1 cr.
70124 003 IND, In Person Term Based; ; 1 cr.
70125 004 IND, In Person Term Based; ; 1 cr.
70126 005 IND, In Person Term Based; ; 1 cr.

8171 Seminar in Pre-1800 British Literature

(A-F or Audit; Prereq: Graduate Student)
66677 001 LEC, 14:00-15:50 MW, Bohannon Hall 112, In Person Term Based; Krista Twu ; 4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
62233 001 IND, 00:00-00:00 , , Independent/Directed Study; Krista Twu ; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: doctoral student, adviser and DGS consent)
62220 001 IND, 00:00-00:00 , , Independent/Directed Study; Krista Twu ; 1 cr.

8888 Thesis Credits: Doctoral

(No Grade Associated; Prereq: [max 18 credits per semester or summer]; 24 credits required)
62221 001 IND, 00:00-00:00 , , Independent/Directed Study; Krista Twu ; 1-24 cr.

8931 Practicum in Teaching Literature

(A-F or Audit; Prereq: 8 credit grad-level literature or instructor consent)
62234 001 FWK, 00:00-00:00 , , Independent/Directed Study; Katie Van Wert ; 1-4 cr.

Environment and Sustainability (ES)**2803 Issues in Global Ecology**

(A-F only; SUSTAIN)
62352 001 LEC, 9:30-10:45 TTh, Life Sciences Bldg 175, In Person Term Based; Michael Mageau ; 3 cr.

3100 Sustainable Food Systems

(A-F only; SUSTAIN)
62554 001 LEC, 15:30-16:45 TTh, Cina Hall 316, In Person Term Based; Randel (Randy) Hanson ; 3 cr.

4010 Seminar

(A-F only; Prereq: ES major or minor, 90 credits; credit will not be granted if already received for 5001)
62231 001 LEC, 14:00-15:30 TTh, Cina Hall 316, In Person Term Based; Michael Mageau ; 4 cr.

4090 Internship Preparation

(S-N only; Prereq: ES major, credit will not be granted if already received for 5040)
62248 001 LEC, 13:00-13:50 T, Cina Hall 316, In Person Term Based; Michael Mageau ; 1 cr.

4091 Independent Study

(A-F only; Prereq: 60 credits, instructor consent; no grad credit; credit will not be granted if already received for ES 4001)
62216 001 IND, 00:00-00:00 , , Independent/Directed Study; Michael Mageau ; 1-3 cr.
62646 002 IND, 00:00-00:00 , , In Person Term Based; Randel (Randy) Hanson ; 1-3 cr.

Environmental Education (ENED)**1000 Introduction to Environmental and Outdoor Education**

(A-F or Audit; Prereq: Credit will not be granted if already received for REC 1000)
61618 001 LEC, 11:00-12:50 TTh, Sports and Health Center 8, In Person Term Based; Gregory Petry ; 4 cr.

1202 Outdoor Skills II

(A-F or Audit; Prereq: credit will not be granted if already received for REC 1202)
61534 001 LAB, 14:00-16:50 Th, Sports and Health Center 9A, 14:00-16:50 Th, Bagley Classroom, In Person Term Based; Meets With: 001 ENED 1204; Gregory Petry ; 2 cr.

1204 Outdoor Skills II

(A-F or Audit; Prereq: Environmental and outdoor educ major or minor; credit will not be granted if already received for REC 1204)
61563 001 LAB, 14:00-16:50 Th, Sports and Health Center 9A, 14:00-16:50 Th, Bagley Classroom, In Person Term Based; Meets With: 001 ENED 1202; Gregory Petry ; 2 cr.

2300 Teaching and Learning

(A-F or Audit; Prereq: ENED 1000; credit will not be granted if already received for REC 2300)
61880 001 LEC, 9:00-10:50 MW, Sports and Health Center 9A, 9:00-10:50 MW, Sports and Health Center 119, In Person Term Based; Matti Erpestad ; 3 cr.

3309 Outdoor Leadership

(S-N or Audit; Prereq: EnEd 2300)
61866 001 LEC, 8:00-10:50 T, Sports and Health Center 119, In Person Term Based; Gregory Petry ; 1 cr.

3327 Large Event Management

(A-F or Audit; Prereq: ENED 2300 or instructor consent; credit will not be granted if already received for REC 3327)
61703 001 LEC, 12:00-12:50 MWF, Sports and Health Center 9, 12:00-12:50 MWF, Sports and Health Center 191, In Person Term Based; Gregory Petry ; 3 cr.

3342 Field Interpretive Techniques II

(A-F or Audit; Prereq: credit will not be granted if already received for EnEd 3342)
61535 001 LEC, 14:00-16:50 W, Sports and Health Center 9, 14:00-16:50 W, Bagley Classroom, In Person Term Based; Matti Erpestad ; 3 cr.
61624 002 LEC, 14:00-16:50 W, Sports and Health Center 9A, 14:00-16:50 W, Room TBA, In Person Term Based; Timothy Bates ; 3 cr.

3400 Program Development and Evaluation in Environmental and Outdoor Education

(A-F or Audit; Prereq: ENED 2300)
62022 001 LEC, 12:00-15:00 Th, Sports and Health Center 9, 12:00-15:00 Th, Sports and Health Center 191, In Person Term Based; Danny Frank, ; 3 cr.

4320 GIS Management for Recreation Professionals

(Student Option; Prereq: No grad credit; credit will not be granted if already received for REC 4320)
61626 001 LEC, 17:30-20:30 Th, Kirby Plaza 143, In Person Term Based; Ryan Hueffmeier ; 3 cr.

4555 Foundations of Environmental Education

(A-F or Audit; Prereq: ENED 2300 or instructor consent)
61698 001 LEC, 9:00-11:50 Th, Sports and Health Center 9, 9:00-11:50 Th, Sports and Health Center 191, In Person Term Based; Julie Ernst ; 3 cr.

4565 Young Children, Nature, and Sustainability

(A-F or Audit; Prereq: ENED 2300, ENED 4555, no grad creditsSUSTAIN)
61951 001 LEC, 9:00-11:50 M, Sports and Health Center 9, 9:00-11:50 M, Sports and Health Center 191, In Person Term Based; Julie Ernst ; 3 cr.

4991 Independent Study

(A-F or Audit; Prereq: instructor consent; no grad credit)
61539 001 IND, Independent/Directed Study; Julie Ernst ; 1-4 cr.
61794 002 IND, Independent/Directed Study; Matti Erpestad ; 1-4 cr.
61795 003 IND, Independent/Directed Study; Ken Gilbertson ; 1-4 cr.
61796 004 IND, Independent/Directed Study; Gregory Petry ; 1-4 cr.

4992 Readings in Recreation

(A-F or Audit; Prereq: instructor consent; no grad credit)
61540 001 IND, Independent/Directed Study; Julie Ernst ; 1-4 cr.
61889 002 IND, Independent/Directed Study; Matti Erpestad ; 1-4 cr.
61890 003 IND, Independent/Directed Study; Ken Gilbertson ; 1-4 cr.
61891 004 IND, Independent/Directed Study; Gregory Petry ; 1-4 cr.

4996 Outdoor Education Internship

(S-N or Audit; Prereq: Environmental and Outdoor education major, instructor consent; no grad credit; credit will not be granted if already received for Rec 4996)
61536 001 FWK, Independent/Directed Study; Julie Ernst ; 12 cr.
61791 002 FWK, Independent/Directed Study; Matti Erpestad ; 12 cr.
61792 003 FWK, Independent/Directed Study; Ken Gilbertson ; 12 cr.
61793 004 FWK, Independent/Directed Study; Gregory Petry ; 12 cr.

4997 Recreation Practicum

(S-N only; Prereq: ENED 4163, PETE 3508 and instructor consent; no grad credit; credit will not be granted if already received for REC 4997)
61538 001 FWK, Independent/Directed Study; Julie Ernst ; 3 cr.
61797 002 FWK, Independent/Directed Study; Matti Erpestad ; 3 cr.
61798 003 FWK, Independent/Directed Study; Ken Gilbertson ; 3 cr.
61799 004 FWK, Independent/Directed Study; Gregory Petry ; 3 cr.

5560 Current Research and Issues

(A-F or Audit; Prereq: grad student or instructor consent)
61738 001 LEC, 12:00-14:50 M, Sports and Health Center 9A, 12:00-14:50 M, Sports and Health Center 153H, In Person Term Based; Ken Gilbertson ; 3 cr.

5625 Program Development and Evaluation (A-F or Audit;)

66904 001 LEC, 9:00-11:50 T, Sports and Health Center 9, 9:00-11:50 T, Sports and Health Center 153H, In Person Term Based; Julie Ernst ; 3 cr.

5990 Research Project

(S-N only; Prereq: Instructor consent)
61881 001 IND, Independent/Directed Study; Julie Ernst ; 1-6 cr.
61882 003 IND, Independent/Directed Study; Ken Gilbertson ; 1-6 cr.
67083 002 IND, In Person Term Based; Randel (Randy) Hanson ; 1-6 cr.

5991 Independent Study

(A-F or Audit; Prereq: Certificate or Masters Environmental Education student, instructor consent)
61900 001 IND, Independent/Directed Study; Julie Ernst ; 1-6 cr.
61901 002 IND, Independent/Directed Study; Matti Erpestad ; 1-6 cr.
61902 003 IND, Independent/Directed Study; Ken Gilbertson ; 1-6 cr.
61903 004 IND, Independent/Directed Study; Gregory Petry ; 1-6 cr.

5992 Readings in Environmental Education

(A-F or Audit; Prereq: Certificate or Master Environmental Education student or instructor consent)
61919 001 IND, Independent/Directed Study; Julie Ernst ; 1-6 cr.
61920 002 IND, Independent/Directed Study; Matti Erpestad ; 1-6 cr.
61921 003 IND, Independent/Directed Study; Ken Gilbertson ; 1-6 cr.
61922 004 IND, Independent/Directed Study; Gregory Petry ; 1-6 cr.

5998 Outdoor Education Seminar

(S-N or Audit; Prereq: instructor consent, credit will not be granted if already received for Rec 4998)
61537 001 LEC, 12:00-12:50 T, Sports and Health Center 9, 12:00-12:50 T, Sports and Health Center 191, In Person Term Based; Matti Erpestad ; 1 cr.

Environmental Science (ESCI)

3202 Energy Resources

(A-F or Audit; Prereq: MATH 1290 or 1296 or 1596 and PHYS 1001 or 2013 or 2017 or instructor consent)
63519 001 LEC, 11:00-11:50 MWF, Bohannon Hall 90, In Person Term Based; Christian Schardt ; 3 cr.

3291 Independent Study

(Student Option; Prereq: instructor consent)
63395 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.
63572 002 IND, 00:00-00:00 , , Independent/Directed Study; Christina Gallup ; 1-3 cr.
63573 003 IND, 00:00-00:00 , , Independent/Directed Study; Howard Mooers ; 1-3 cr.
63574 004 IND, 00:00-00:00 , , Independent/Directed Study; Christian Schardt ; 1-3 cr.
66839 005 IND, In Person Term Based; John Swenson ; 1-3 cr.

3296 Internship in Environmental Science

(S-N only; Prereq: Environmental Science major and instructor consent)
63396 001 FWK, 00:00-00:00 , , Independent/Directed Study; Salli Dymond ; 1-2 cr.
63575 002 FWK, 00:00-00:00 , , Independent/Directed Study; Christina Gallup ; 1-2 cr.
63576 003 FWK, 00:00-00:00 , , Independent/Directed Study; Howard Mooers ; 1-2 cr.
63577 004 FWK, 00:00-00:00 , , Independent/Directed Study; Christian Schardt ; 1-2 cr.
66840 005 FWK, In Person Term Based; John Swenson ; 1-2 cr.

4102 Environmental Assessment

(A-F or Audit; Prereq: instructor consent; no grad credit)
63250 001 LEC, 15:00-16:15 MW, Chemistry Building 150, In Person Term Based; Howard Mooers ; 3 cr.

4201 Introduction to Watershed Hydrology

(A-F or Audit;)
63851 001 LEC, 10:00-10:50 MWF, Heller Hall 120, In Person Term Based; Meets With: 001 GEOL 4201001 ESCI 5201001 GEOL 5201; Salli Dymond ; 3 cr.

4863 Ecosystems Ecology and Biogeochemistry

(A-F or Audit;)
69432 001 LEC, 9:30-10:45 TTh, Heller Hall 202, In Person Term Based; Meets With: 001 ESCI 5863001 BIOL 5863001 BIOL 4863; Salli Dymond ; 3 cr.

5201 Introduction to Watershed Hydrology

(A-F or Audit;)
69620 001 DIS, 10:00-10:50 MWF, Heller Hall 120, In Person Term Based; Meets With: 001 GEOL 4201001 ESCI 4201001 GEOL 5201; Salli Dymond ; 3 cr.

5863 Ecosystems Ecology and Biogeochemistry

(A-F or Audit;)
69433 001 LEC, 9:30-10:45 TTh, Heller Hall 202, In Person Term Based; Meets With: 001 ESCI 4863001 BIOL 5863001 BIOL 4863; Salli Dymond ; 3 cr.

Exercise Science Athletic Trng (ESAT)**3200 Motor Learning and Development**

(A-F or Audit; Prereq: Minimum 60 credits, Athletic training or Exercise Science or Physical Education major or instructor consent)

61592 001 LEC, 11:00-11:50 MWF, Bohannon Hall 112, Partially Online; June Lee ; 5 cr.
61593 002 LAB, 14:00-15:15 T, Sports and Health Center 205, Partially Online; June Lee ; 5 cr.
61740 003 LAB, 15:30-16:45 T, Sports and Health Center 205, Partially Online; June Lee ; 5 cr.

3210 Exercise Adherence

(A-F or Audit; Prereq: Minimum 60 credits, Exercise Science major or instructor consent)

61947 001 LEC, 9:00- 9:50 MWF, Cina Hall 106, In Person Term Based; June Lee ; 3 cr.

3300 Human Biomechanics

(A-F or Audit; Prereq: HLTH 2030, PHYS 1001, minimum 60 credits, Exercise Science major or instructor consent)

61614 001 LEC, 9:00- 9:50 MWF, Sports and Health Center 207, In Person Term Based; Morris Levy ; 4 cr.

61615 002 LAB, 8:00- 9:15 T, Sports and Health Center 205, 8:00- 9:15 T, Ward Wells Field House 25, In Person Term Based; Morris Levy ; 4 cr.

61616 003 LAB, 9:30-10:45 T, Sports and Health Center 205, 9:30-10:45 T, Ward Wells Field House 25, In Person Term Based; Morris Levy ; 4 cr.

3400 Exercise Physiology

(A-F or Audit; Prereq: HLTH 2040 or PHSL 3011, minimum 60 credits, Exercise Science major, or instructor consent)

61530 001 LEC, 14:00-14:50 MWF, Montague Hall 203, In Person Term Based; John Keener ; 4 cr.
61587 002 LAB, 15:30-16:45 T, Sports and Health Center 201, In Person Term Based; John Keener ; 4 cr.
61588 003 LAB, 17:00-18:15 T, Sports and Health Center 201, In Person Term Based; John Keener ; 4 cr.

3410 Performance Nutrition and Weight Management

(A-F or Audit; Prereq: Hlth 1470, minimum 60 credits, Athletic Training or Exercise Science major or instructor consent)

61498 001 LEC, 12:30-13:45 Th, Sports and Health Center 208, Partially Online; Ambria Crusan ; 4 cr.
61829 002 LAB, 14:00-15:15 Th, Sports and Health Center 201, Partially Online; Ambria Crusan ; 4 cr.
61830 003 LAB, 15:30-16:45 Th, Sports and Health Center 201, Partially Online; Ambria Crusan ; 4 cr.

3420 Exercise Testing and Prescription

(A-F or Audit; Prereq: 3400, Exercise Science major or instructor consent)

61627 001 LEC, 10:00-10:50 MWF, Sports and Health Center 207, 10:00-10:50 F, Ward Wells Field House 25, In Person Term Based; Kelley Holmes ; 4 cr.
61666 002 LAB, 8:00- 9:15 T, Sports and Health Center 201, In Person Term Based; Kelley Holmes ; 4 cr.
61667 003 LAB, 9:30-10:45 T, Sports and Health Center 201, In Person Term Based; Kelley Holmes ; 4 cr.

3430 Principles of Strength and Conditioning Programs

(A-F or Audit; Prereq: 3400, Exercise Science major or instructor consent)

61823 001 LEC, 8:00- 8:50 MWF, Sports and Health Center 207, In Person Term Based; Charles Fontaine ; 4 cr.
61824 002 LAB, 8:00- 9:15 T, Sports and Health Center 29, In Person Term Based; Charles Fontaine ; 4 cr.
61825 003 LAB, 8:00- 9:15 Th, Sports and Health Center 29, In Person Term Based; Charles Fontaine ; 4 cr.

3440 Clinical Exercise Physiology

(A-F or Audit; Prereq: 3420, Exercise Science major or instructor consent)

61671 001 LEC, 12:00-12:50 MWF, Sports and Health Center 207, In Person Term Based; Kelley Holmes ; 5 cr.
61689 002 LAB, 11:00-11:50 TTh, Sports and Health Center 201, 11:00-11:50 TTh, Sports and Health Center 22, 11:00-11:50 TTh, Sports and Health Center 205, In Person Term Based; 5 cr.
61690 003 LAB, 12:00-12:50 TTh, Sports and Health Center 201, 12:00-12:50 TTh, Sports and Health Center 22, 12:00-12:50 TTh, Sports and Health Center 205, In Person Term Based; 5 cr.
61751 004 DIS, 9:30-10:20 Th, Sports and Health Center 205, In Person Term Based; Kristine Stave ; 5 cr.

4700 Statistics and Research Methods in Exercise Science

(A-F or Audit; Prereq: 12 cr from 3200, 3300, 3400, 3410, Exercise Science major, no grad credit)

61750 001 LEC, 13:00-13:50 MWThF, Sports and Health Center 210, In Person Term Based; Charles Fontaine ; 4 cr.

4710 Applied and Experimental Exercise Science

(A-F or Audit; Prereq: 3200, 3300, 3400, 3410, 4700, Exercise Science major or instructor consent; no grad credit)

61631 001 LEC, 14:00-15:50 MW, Sports and Health Center 8, 14:00-15:50 MW, Sports and Health Center 201, In Person Term Based; Kelley Holmes ; 4 cr.

4996 Internship

(S-N or Audit; Prereq: 3420, Exercise Science major, instructor consent; no grad credit)

61528 001 FWK, Independent/Directed Study; Kelley Holmes ; 3-12 cr.

Family Medicine (FMED)**5591 Independent Study**

(Student Option; Prereq: department consent)
63893 001 LAB, 00:00-00:00 , , In Person Term Based; Ruth Westra ; 1-8 cr.

6442 Community Clinical Medicine

(P-N only; Prereq: Regis med student)
63884 001 FWK, 00:00-00:00 , , In Person Term Based; Ruth Westra, Ryan Harden ; 2 cr.

6501 Clinical Pathology Conferences I

(P-N or Audit; Prereq: Regis med student)
63901 001 DIS, 00:00-00:00 , , In Person Term Based; Alan Johns ; 1 cr.

7100 Clinical Family Medicine

(P-N or Audit; Prereq: department consent)
63874 001 FWK, 00:00-00:00 , , In Person Term Based; Ruth Westra ; 13 cr.

Finance & Management Info (FMIS)**2201 Information Technology in Business**

(A-F or Audit; Prereq: LSBE major or minor student or Graphic Design and Marketing major or Graphic Design with Marketing subplan major or Computer Information Systems majors or minors, minimum 15 credits or college consent)

64008 001 LEC, 11:00-11:50 MWF, Labovitz Schl Bus & Econ 118, In Person Term Based; Rand Obeidat ; 3 cr.
64009 002 LEC, 12:00-12:50 MWF, Labovitz Schl Bus & Econ 118, In Person Term Based; Rand Obeidat ; 3 cr.

3141 Business Communications

(A-F or Audit; Prereq: LSBE candidate or Economics major or college consent)

63926 001 LEC, 9:00- 9:50 MWF, Labovitz Schl Bus & Econ 265, Partially Online; Jack Hennes ; 3 cr.
63927 002 LEC, 11:00-11:50 MWF, Labovitz Schl Bus & Econ 265, Partially Online; Jack Hennes ; 3 cr.
63991 003 LEC, 14:00-14:50 MWF, Labovitz Schl Bus & Econ 165, Partially Online; Junhua Wang ; 3 cr.
63992 004 LEC, 11:00-12:15 TTh, Labovitz Schl Bus & Econ 165, Partially Online; Junhua Wang ; 3 cr.
64006 005 LEC, 14:00-15:15 TTh, Labovitz Schl Bus & Econ 165, Partially Online; Junhua Wang ; 3 cr.
67984 006 LEC, 15:00-15:50 MWF, Labovitz Schl Bus & Econ 165, Partially Online; Jack Hennes ; 3 cr.

3232 Computer Programming for Business

(A-F or Audit; Prereq: 2201 or 3201, 3220 or concurrently, LSBE candidate or college consent)

65759 001 LEC, 9:30-10:45 TTh, Labovitz Schl Bus & Econ 237, In Person Term Based; Seung Lee ; 3 cr.

3291 Independent Study MIS

(A-F only; Prereq: department consent)

64039 001 IND, Independent/Directed Study; ; 1-3 cr.

3295 Special Topics: (Various Titles to be Assigned)

(A-F or Audit; Prereq: LSBE candidate or department approval)

68110 001 LEC, 9:00- 9:50 MWF, Labovitz Schl Bus & Econ 237, In Person Term Based; Rand Obeidat ; 1-4 cr.

3297 MIS Internship

(A-F or Audit; Prereq: Prereq: LSBE Candidate, prior major coursework, consent of Internship Director; credit will not be granted if already received for FMIS 3397.)

64099 001 FWK, Independent/Directed Study; Angie Soderberg ; 1-6 cr.

3601 Corporate Finance

(A-F or Audit; Prereq: LSBE candidate or approved non-LSBE business administration minor or approved Finance minor or college consent)

63929 001 LEC, 18:00-20:40 T, Labovitz Schl Bus & Econ 125, In Person Term Based; Meets With: 001 FMIS 3601; Debora Bradt ; 3 cr.
63930 003 LEC, 11:00-11:50 MWF, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 004 FMIS 3601; Nga Trinh ; 3 cr.
63962 002 LEC, 18:00-20:40 T, Labovitz Schl Bus & Econ 125, In Person Term Based; Meets With: 001 FMIS 3601; Debora Bradt ; 3 cr.
63963 004 LEC, 11:00-11:50 MWF, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 003 FMIS 3601; Nga Trinh ; 3 cr.

63975 005 LEC, 14:00-14:50 MWF, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 006 FMIS 3601; Nga Trinh ; 3 cr.
 63976 006 LEC, 14:00-14:50 MWF, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 005 FMIS 3601; Nga Trinh ; 3 cr.
 63993 007 LEC, 8:00- 8:50 MWF, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 008 FMIS 3601; Nga Trinh ; 3 cr.
 63994 008 LEC, 8:00- 8:50 MWF, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 007 FMIS 3601; Nga Trinh ; 3 cr.

3612 Managerial Finance

(A-F or Audit; Prereq: 3601, LSBE candidate or approved Finance minor or college consent)
 63931 001 LEC, 12:00-12:50 MWF, Labovitz Schl Bus & Econ 135, In Person Term Based; Brian Yang ; 3 cr.
 64031 002 LEC, 13:00-13:50 MWF, Labovitz Schl Bus & Econ 233, In Person Term Based; Brian Yang ; 3 cr.

3619 Analysis of Financial Statements

(A-F or Audit; Prereq: 3601, LSBE candidate or approved finance minor or instructor consent; an Accounting/Finance double major cannot take FMIS 3619 to count as a Group B finance elective. See your finance adviser for details.)
 64024 001 LEC, 14:00-15:15 TTh, Labovitz Schl Bus & Econ 118, In Person Term Based; Rodger Brannan ; 3 cr.
 64037 002 LEC, 15:30-16:45 TTh, Labovitz Schl Bus & Econ 118, In Person Term Based; Rodger Brannan ; 3 cr.

3644 Investment Fundamentals

(A-F or Audit; Prereq: 3601, LSBE candidate or approved finance minor or college consent)
 63932 001 LEC, 12:30-13:45 TTh, Labovitz Schl Bus & Econ 237, In Person Term Based; Joe Artim ; 3 cr.
 64040 002 LEC, 15:30-16:45 TTh, Labovitz Schl Bus & Econ 135, In Person Term Based; Joe Artim ; 3 cr.

3647 Financial Markets and Institutions

(A-F or Audit; Prereq: 3601, LSBE candidate or approved Finance minor or college consent)
 63933 001 LEC, 12:30-13:45 TTh, Labovitz Schl Bus & Econ 135, In Person Term Based; Jason Turkiela ; 3 cr.

3655 Risk Management and Insurance

(A-F or Audit; Prereq: 3601, LSBE candidate or approved Finance minor or instructor consent)
 64041 001 LEC, 15:30-16:45 TTh, Labovitz Schl Bus & Econ 165, In Person Term Based; Alan Roline ; 3 cr.

3691 Independent Study Finance

(A-F only; Prereq: department consent)
 63955 001 IND, Independent/Directed Study; Randy Skalberg ; 1-3 cr.

3697 Finance Internship

(A-F or Audit; Prereq: LSBE candidate, prior major coursework and consent of internship director; credit will not be granted if already received for FMIS 3397)
 63954 001 FWK, Independent/Directed Study; Angie Soderberg ; 1-6 cr.

4223 Systems Analysis and Design

(A-F or Audit; Prereq: 2201, LSBE candidate or non-LSBE MIS minor or college consent; credit will not be granted if already received for FMIS 3222, no grad credit)
 63928 001 LEC, 14:00-14:50 MWF, Labovitz Schl Bus & Econ 237, In Person Term Based; Rand Obaidat ; 3 cr.

4225 Advanced Applications Development

(A-F only; Prereq: 3220, 3232)
 64001 001 LEC, 14:00-15:15 TTh, Labovitz Schl Bus & Econ 237, In Person Term Based; Seung Lee ; 3 cr.

4617 Management of Financial Institutions

(A-F or Audit; Prereq: 3647, LSBE candidate or approved Finance minor with 60 credits or grad student or college consent)
 64011 001 LEC, 13:00-13:50 MWF, Labovitz Schl Bus & Econ 135, In Person Term Based; Nga Trinh ; 3 cr.

4624 Applied Portfolio Management

(A-F or Audit; Prereq: 4616, 4620, Financial Markets major or minor; no grad credit)
 63984 001 LAB, 8:00- 9:15 TTh, Labovitz Schl Bus & Econ 112, In Person Term Based; Joe Artim ; 3 cr.

4644 Portfolio Management

(A-F or Audit; Prereq: 3644, LSBE candidate or Finance Minor)
 65760 001 LEC, 11:00-12:15 TTh, Labovitz Schl Bus & Econ 237, In Person Term Based; Jason Turkiela ; 3 cr.

4646 Financial Plan Development

(A-F or Audit; Prereq: 3601, 3644, 3655, ACCT 2001 3401 and 4600, BLAW 3301 (can be taken concurrently); no grad credit)
 64056 001 LEC, 18:00-20:40 W, Labovitz Schl Bus & Econ 229, In Person Term Based; Hugo Hietapelto ; 3 cr.

Fine Arts (FA)**1102 Creating Art**

(A-F or Audit; Prereq: Credit will not be granted if already received for 1101 FINE ARTS)
 66882 550 LEC, 12:00-12:50 MWF, Humanities Building 222, In Person Term Based; Justin Rubin ; 3 cr.

Foreign Studies (FST)**1001 Study Abroad UMD, Co-sponsored or Affiliate program**

(Student Option;)
 69472 001 LEC, In Person Term Based; 1-20 cr.

Foreign Studies (FORS)**Foreign Studies (FST)****1120 Study Abroad: Non-affiliate program**

(Student Option; Prereq: This course represents academic credit pursued at locations external to the University of Minnesota through the UMD Study Abroad Program or its affiliated programs. UMD Study Abroad programs and related coursework provide students the opportunity to increase their knowledge, cognitive complexity, self-realization, relational interdependence, humanitarianism, and build new life skills. Through Study Abroad programs students will prepare for their roles and responsibilities as global citizens. Visit the UMD Study Abroad office for more information about programs, guidance, and support. pre-req: Reserved for participants in Study Abroad program(s). Students require approval from the Study Abroad office to drop this course. Please contact your study abroad coordinator, <http://www.d.umn.edu/study-abroad/>)
 69473 001 LEC, In Person Term Based; 0 cr.

Foreign Studies (FORS)**1900 Study Liberal Arts in Galway Ireland**

(Student Option; Prereq: Admission to an approved study abroad program requires consent from the International Education Office.)
 61476 001 LEC, 00:00-00:00 , , Study Abroad; Lyndsey Andersen ; 1-20 cr.

1901 Study in Segovia Spain

(Student Option; Prereq: Admission to an approved study abroad program requires consent from the International Education Office.)
 61477 001 LEC, 00:00-00:00 , , Study Abroad; Lyndsey Andersen ; 1-20 cr.

1902 Study in Bilbao Spain

(Student Option; Prereq: Admission to an approved study abroad program requires consent from the International Education Office.)
 61479 001 LEC, 00:00-00:00 , , Study Abroad; Lyndsey Andersen ; 1-20 cr.

1903 Study Science and Engineering in Galway Ireland

(Student Option; Prereq: Admission to an approved study abroad program requires consent from the International Education Office.)
 61478 001 LEC, 00:00-00:00 , , Study Abroad; Lyndsey Andersen ; 1-20 cr.

Foreign Studies (FST)**Foreign Studies (FORS)****3131 International Student Teaching**

(S-N only; Prereq: Admission to an approved study abroad program requires consent from the International Education Office.)
 61416 001 LEC, 00:00-00:00 , , Study Abroad; James Sersha ; 1-20 cr.

3574 WS 3896 International Fieldwork in Women's Studies

(A-F or Audit; Prereq: Admission to an approved study abroad program requires consent from the International Education Office.)
 61474 001 LEC, 00:00-00:00 , , Study Abroad; Cindy Christian, Susan Meyers ; 1-6 cr.

Foreign Studies (FST)**Foreign Studies (FORS)****Foreign Studies (FST)****French (FR)****1102 Beginning French II**

(A-F or Audit; Prereq: 1-2 yrs high school French or 1101 or instructor consent COMM & LAN)
 62287 001 LEC, 9:00- 9:50 MTWTh, Humanities Building 464, In Person Term Based; Dana Lindaman ; 4 cr.
 62311 002 LEC, 12:00-12:50 MTWTh, Humanities Building 464, In Person Term Based; Jill Gaeta ; 4 cr.

1202 Intermediate French II

(A-F or Audit; Prereq: 4 years high school french or 1201 or instructor consent COMM & LAN)
 62169 001 LEC, 13:00-13:50 MTWTh, Humanities Building 464, In Person Term Based; Jill Gaeta ; 4 cr.

2315 French Cinema

(A-F or Audit; HUMANITIES)
 62433 001 LEC, 18:00-21:30 T, Humanities Building 490, In Person Term Based; Milan Kovacovic ; 4 cr.

3302 Advanced French Composition and Conversation

(A-F or Audit; Prereq: 2301 with grade of C or higher COMM & LAN)
 62537 001 LEC, 14:00-14:50 MTWTh, Ed Endazhigikino'amaading 20, In Person Term Based; Dana Lindaman ; 4 cr.

3591 Independent Study

(A-F or Audit; Prereq: 2301 with C or better, instructor consent)
 62170 001 IND, Independent/Directed Study; Milan Kovacovic ; 1-4 cr.
 62536 002 IND, In Person Term Based; Dana Lindaman ; 1-4 cr.

4492 19th-Century Novel

(A-F or Audit; Prereq: 2301 with C or better or instructor consent; no grad credit HUMANITIES)
 65837 001 LEC, 15:00-16:50 MW, Ed Endazhigikino'amaading 32, In Person Term Based; Jill Gaeta ; 4 cr.

Geographic Information Science (GIS)**3563 Geographic Information Science I: Theory and Analysis**

(A-F only; Prereq: credit will not be granted if already received for GEOG 3564 or 4563 and 4564 or GIS4565.)
 62356 001 LEC, 16:00-17:40 MW, Humanities Building 458, In Person Term Based; Micaella Penning ; 4 cr.

3564 Geographic Information Science II: Applied GIS

(A-F or Audit; Prereq: 3563; credit will not be granted if already received for GEOG 3564 or 4563 and 4564 or GIS4565.)
 62357 001 LEC, 17:00-20:30 T, Humanities Building 458, In Person Term Based; Laure Charleux ; 4 cr.

3591 Independent Study in GIS

(A-F only; Prereq: instructor consent)
62468 001 IND, 00:00-00:00 , , Independent/Directed Study; Laure Charleux ; 1-3 cr.
62652 002 IND, 00:00-00:00 , , In Person Term Based; Kate Carlson ; 1-3 cr.
66752 003 IND, In Person Term Based; Ryan Bergstrom ; 1-3 cr.

3597 Internship in GIS

(A-F only; Prereq: GIS major with minimum 60 credits and instructor consent)
62469 001 FWK, 00:00-00:00 , , Independent/Directed Study; Laure Charleux ; 3-4 cr.
66753 002 FWK, In Person Term Based; Kate Carlson ; 3-4 cr.
66754 003 FWK, In Person Term Based; Ryan Bergstrom ; 3-4 cr.

4585 Applied Statistics in GIS

(A-F only; Prereq: 3563 and 3564 or 4565, STAT 1411 preferred; credit will not be granted if already received for GEOG 3585 or GIS 3585; no grad credit.)
62358 001 LEC, 10:00-11:40 TTh, Humanities Building 458, In Person Term Based; Meets With: 001 GIS 5585; Laure Charleux ; 4 cr.

4909 Professional Preparedness

(S-N only);
62655 001 DIS, 10:00-10:50 W, Humanities Building 458, In Person Term Based; Kate Carlson ; 1 cr.

5571 Geographic Information Science in Urban Analysis

(A-F only; Prereq: 3563 and 3564 or 4565 (preferred) or instructor consent; credit will not be granted if already received for GEOG 5571)
66827 001 LEC, 15:00-16:40 TTh, Humanities Building 458, In Person Term Based; Ryan Bergstrom ; 4 cr.

5581 Digital Image Processing and Analysis

(A-F only; Prereq: 3580 or instructor consent; credit will not be granted if already received for GEOG 4580 or GEOG 5581)
62351 001 LEC, 14:00-16:00 MW, Humanities Building 458, In Person Term Based; Kate Carlson ; 4 cr.

5585 Applied Statistics in GIS - graduate level

(A-F or Audit;)
62683 001 LAB, 10:00-11:40 TTh, Humanities Building 458, In Person Term Based; Meets With: 001 GIS 4585; Laure Charleux ; 4 cr.

5591 Independent Study in GIS

(A-F only; Prereq: instructor consent)
62470 001 IND, 00:00-00:00 , , Independent/Directed Study; Laure Charleux ; 1-3 cr.
62653 002 IND, 00:00-00:00 , , In Person Term Based; Kate Carlson ; 1-3 cr.
66755 003 IND, In Person Term Based; Ryan Bergstrom ; 1-3 cr.

Geography (GEOG)**1202 World Regional Geography**

(A-F only; GLOBAL PER)
62222 001 LEC, 9:00-9:50 MWF, Life Sciences Bldg 175, In Person Term Based; Adam Pine ; 3 cr.

1304 Human Geography

(A-F only; SOC SCI)
62280 001 LEC, 14:00-14:50 MWF, Solon Campus Center 120, Partially Online; Nathan Clough ; 3 cr.

1414 Physical Geography

(A-F only; NAT SCI,SUSTAIN)
62175 001 LEC, 9:30-10:45 TTh, Montague Hall 70, In Person Term Based; Tongxin Zhu ; 4 cr.
62176 002 LAB, 9:00-10:40 M, Cina Hall 316, In Person Term Based; Tongxin Zhu ; 4 cr.
62177 003 LAB, 9:00-10:40 W, Cina Hall 316, In Person Term Based; Tongxin Zhu ; 4 cr.
62178 004 LAB, 9:00-10:40 F, Cina Hall 316, In Person Term Based; Tongxin Zhu ; 4 cr.
62179 005 LAB, 14:00-15:40 M, Cina Hall 316, In Person Term Based; Tongxin Zhu ; 4 cr.
62226 006 LAB, 14:00-15:40 W, Cina Hall 316, In Person Term Based; Tongxin Zhu ; 4 cr.

2552 Introduction to Maps and Geospatial Information

(A-F only; LOGIC & QR)
62236 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Kate Carlson ; 3 cr.

3335 Urban Planning

(A-F only; Prereq: Minimum 30 credits)
62297 001 LEC, 12:00-12:50 MWF, Cina Hall 316, In Person Term Based; Adam Pine ; 3 cr.

3401 Weather and Climate

(A-F only; Prereq: 1414 or Geol 1110, or minimum 30 credits or instructor consent)
62365 001 LEC, 13:00-13:50 MWF, Cina Hall 316, In Person Term Based; Pat Farrell ; 3 cr.

3422 Natural Hazards

(A-F only; Prereq: 1414 or Geol 1110, or minimum 30 credits or instructor consent.)
62349 001 LEC, 14:00-15:15 TTh, Ed Endazhigikino'amaading 40, In Person Term Based; Tongxin Zhu ; 3 cr.

3461 Geography of Global Resources

(A-F only; Prereq: Minimum 30 credits or instructor consent/SUSTAIN)
62265 001 LEC, 18:00-20:30 W, Cina Hall 316, In Person Term Based; Alton Clarke-Sather ; 3 cr.

3481 Urban Ecology

(A-F only; Prereq: Minimum 30 credits or instructor consent)
66826 001 LEC, 11:00-12:15 TTh, Cina Hall 316, In Person Term Based; Ryan Bergstrom ; 3 cr.

3532 Map Design and Geographic Visualization

(A-F only; Prereq: 2552 or instructor consent; Stat 1411 recommended.)
62183 001 LEC, 12:00-13:00 MW, Humanities Building 458, In Person Term Based; Kate Carlson ; 4 cr.
62184 002 LAB, 13:00-14:00 MW, Humanities Building 458, In Person Term Based; Kate Carlson ; 4 cr.

3712 Geography of Latin America

(A-F only; Prereq: Minimum 30 credits or instructor consent)
62322 001 LEC, 11:00-11:50 MWF, Cina Hall 316, In Person Term Based; Pat Farrell ; 3 cr.

3991 Independent Study in Geography

(A-F only; Prereq: instructor consent)
62185 001 IND, 00:00-00:00 , , Independent/Directed Study; Pat Farrell ; 1-4 cr.
62647 002 IND, 00:00-00:00 , , In Person Term Based; Tongxin Zhu ; 1-4 cr.

3997 Internship in Geography

(Student Option; Prereq: Geography major, 60 credits, instructor consent)
62205 001 FWK, 00:00-00:00 , , Independent/Directed Study; Pat Farrell ; 1-6 cr.

4393 Political Geography

(A-F only; Prereq: Minimum 60 credits including or instructor consent)
62438 001 LEC, 15:00-15:50 MWF, M W Alworth Hall 175, Partially Online; Nathan Clough ; 3 cr.

4401 Climate Science

(A-F or Audit;)
68749 001 LEC, 9:30-10:45 TTh, Cina Hall 316, In Person Term Based; Ryan Bergstrom ; 3 cr.

4612 Field Techniques

(A-F only; Prereq: Minimum 60 credits or grad student or instructor consent)
62299 001 LEC, 16:00-17:50 MW, Chester Park 122, In Person Term Based; Nathan Clough ; 4 cr.

4990 Geography Seminar

(A-F only; Prereq: Geography major or minor and minimum 90 credits; no grad credit, credit will not be granted if already received for Geog 5999.)
62413 001 LEC, 12:00-12:50 F, Cina Hall 214, In Person Term Based; Pat Farrell ; 1 cr.

4999 Honors Project Geography

(A-F only; Prereq: minimum 90 credits, approval by department honors program director; no grad credit)
62414 001 IND, 00:00-00:00 , , Independent/Directed Study; Adam Pine ; 3 cr.

5991 Independent Study in Geography

(A-F only; Prereq: Maximum 4 credits can be applied to graduate program; instructor consent)
62186 001 IND, 00:00-00:00 , , Independent/Directed Study; Pat Farrell ; 1-4 cr.
62650 002 IND, 00:00-00:00 , , In Person Term Based; Tongxin Zhu ; 1-4 cr.

Geology (GEOL)**1110 Geology and Earth Systems**

(A-F or Audit; SUSTAIN,NAT SCI)
62718 001 LEC, 14:00-14:50 MWF, Life Sciences Bldg 185, In Person Term Based; Howard Mooers ; 4 cr.
62719 002 LEC, 10:00-10:50 MWF, Life Sciences Bldg 185, In Person Term Based; Christina Gallup ; 4 cr.
62720 003 LAB, 8:00-9:50 T, Heller Hall 206, In Person Term Based; 4 cr.
62721 004 LAB, 10:00-11:50 T, Heller Hall 206, In Person Term Based; 4 cr.
62722 005 LAB, 12:00-13:50 T, Heller Hall 206, In Person Term Based; 4 cr.
62723 006 LAB, 16:00-17:50 T, Heller Hall 206, In Person Term Based; 4 cr.
62724 007 LAB, 8:00-9:50 W, Heller Hall 206, In Person Term Based; 4 cr.
62725 009 LAB, 13:00-14:50 W, Heller Hall 206, In Person Term Based; 4 cr.
65829 008 LAB, 11:00-12:50 W, Heller Hall 206, In Person Term Based; 4 cr.
65830 010 LAB, 15:00-16:50 W, Heller Hall 206, In Person Term Based; 4 cr.
65831 011 LAB, 17:00-18:50 W, Heller Hall 206, In Person Term Based; 4 cr.
65832 012 LAB, 8:00-9:50 Th, Heller Hall 206, In Person Term Based; 4 cr.
65833 013 LAB, 10:00-11:50 Th, Heller Hall 206, In Person Term Based; 4 cr.
65834 014 LAB, 12:00-13:50 Th, Heller Hall 206, In Person Term Based; 4 cr.
66920 015 LAB, 10:00-11:50 F, Heller Hall 206, In Person Term Based; 4 cr.
66921 016 LAB, 13:00-14:50 F, Heller Hall 206, In Person Term Based; 4 cr.

2110 Earth History

(A-F or Audit; Prereq: 1110 or 1130 or 2610 or Ast 1040 or Geog 1414 or instructor consent)
63310 002 LAB, 8:00-9:50 M, Heller Hall 114, In Person Term Based; Latisha Brengman ; 4 cr.
63311 003 LAB, 8:00-9:50 W, Heller Hall 114, In Person Term Based; Latisha Brengman ; 4 cr.
63312 004 LAB, 8:00-9:50 F, Heller Hall 114, In Person Term Based; Latisha Brengman ; 4 cr.
66830 001 LEC, 13:00-13:50 MWF, A B Anderson Hall 235, In Person Term Based; Latisha Brengman ; 4 cr.

2120 The Earth's Dynamic Interior

(A-F or Audit; Prereq: 1110 or 1130 or 2110 or 1610 or Geog 1414)
63462 001 LEC, 14:00-15:15 TTh, Engineering Building 177, In Person Term Based; Fred Davis ; 3 cr.

2311 Mineralogy

(A-F or Audit; Prereq: 1110 or 2110, 1 semester college chemistry or instructor consent)
63736 001 LEC, 10:00-10:50 MW, Bohannon Hall 112, In Person Term Based; Fred Davis ; 4 cr.
63737 002 LAB, 10:00-11:50 TTh, Heller Hall 120, 10:00-11:50 TTh, Heller Hall 118, In Person Term Based; Fred Davis ; 4 cr.
63738 003 LAB, 8:00-9:50 TTh, Heller Hall 120, 8:00-9:50 TTh, Heller Hall 118, In Person Term Based; Fred Davis ; 4 cr.

3091 Independent Study

(Student Option; Prereq: instructor consent)
62841 001 IND, 00:00-00:00 , , Independent/Directed Study; Latisha Brengman ; 1-2 cr.
63193 002 IND, 00:00-00:00 , , Independent/Directed Study; Fred Davis ; 1-2 cr.
63194 003 IND, 00:00-00:00 , , Independent/Directed Study; Salli Dymond ; 1-2 cr.
63195 004 IND, 00:00-00:00 , , Independent/Directed Study; Christina Gallup ; 1-2 cr.
63196 005 IND, 00:00-00:00 , , Independent/Directed Study; John Goodge ; 1-2 cr.
63197 006 IND, 00:00-00:00 , , Independent/Directed Study; Karen Gran ; 1-2 cr.
63198 007 IND, 00:00-00:00 , , Independent/Directed Study; Vicki Hansen ; 1-2 cr.
63199 008 IND, 00:00-00:00 , , Independent/Directed Study; Howard Mooers ; 1-2 cr.

63200 009 IND, 00:00-00:00 , , Independent/Directed Study; Christian Schardt ; 1-2 cr.
63201 011 IND, 00:00-00:00 , , Independent/Directed Study; John Swenson ; 1-2 cr.
63474 010 IND, 00:00-00:00 , , Independent/Directed Study; Byron Steinman ; 1-2 cr.
63725 012 IND, In Person Term Based; Nigel Watrus ; 1-2 cr.

3100 Earth's Climate and Environment: Past and Future

(A-F or Audit; Prereq: 1110 or 1130 or 1610, Chem 1151 or 1153/1154)

63578 001 LEC, 12:00-12:50 MWF, A B Anderson Hall 245, In Person Term Based; Christina Gallup ; 3 cr.

3540 Geologic Field Methods

(A-F or Audit;)

69583 001 LAB, In Person Term Based; John Goodge ; 1 cr.

3996 Internship in Geological Sciences

(S-N or Audit; Prereq: 2312, instructor consent)

63397 001 FWK, 00:00-00:00 , , Independent/Directed Study; Latisha Brengman ; 1-2 cr.
63621 002 FWK, 00:00-00:00 , , Independent/Directed Study; Fred Davis ; 1-2 cr.
63622 003 FWK, 00:00-00:00 , , Independent/Directed Study; Salli Dymond ; 1-2 cr.
63623 004 FWK, 00:00-00:00 , , Independent/Directed Study; Christina Gallup ; 1-2 cr.
63624 005 FWK, 00:00-00:00 , , Independent/Directed Study; John Goodge ; 1-2 cr.
63625 006 FWK, 00:00-00:00 , , Independent/Directed Study; Karen Gran ; 1-2 cr.
63626 007 FWK, 00:00-00:00 , , Independent/Directed Study; Vicki Hansen ; 1-2 cr.
63627 008 FWK, 00:00-00:00 , , Independent/Directed Study; Howard Mooers ; 1-2 cr.
63628 009 FWK, 00:00-00:00 , , Independent/Directed Study; Christian Schardt ; 1-2 cr.
63629 010 FWK, 00:00-00:00 , , Independent/Directed Study; Byron Steinman ; 1-2 cr.
63630 011 FWK, 00:00-00:00 , , Independent/Directed Study; John Swenson ; 1-2 cr.
63726 012 FWK, In Person Term Based; Nigel Watrus ; 1-2 cr.

4091 Geologic Problems and Research

(A-F or Audit; Prereq: instructor consent, no grad credit)

63050 001 IND, 00:00-00:00 , , Independent/Directed Study; Latisha Brengman ; 1-2 cr.
63202 002 IND, 00:00-00:00 , , Independent/Directed Study; Fred Davis ; 1-2 cr.
63203 003 IND, 00:00-00:00 , , Independent/Directed Study; Salli Dymond ; 1-2 cr.
63204 004 IND, 00:00-00:00 , , Independent/Directed Study; Christina Gallup ; 1-2 cr.
63205 005 IND, 00:00-00:00 , , Independent/Directed Study; John Goodge ; 1-2 cr.
63206 006 IND, 00:00-00:00 , , Independent/Directed Study; Karen Gran ; 1-2 cr.
63207 007 IND, 00:00-00:00 , , Independent/Directed Study; Vicki Hansen ; 1-2 cr.
63208 008 IND, 00:00-00:00 , , Independent/Directed Study; Howard Mooers ; 1-2 cr.
63209 009 IND, 00:00-00:00 , , Independent/Directed Study; Christian Schardt ; 1-2 cr.
63210 011 IND, 00:00-00:00 , , Independent/Directed Study; John Swenson ; 1-2 cr.
63475 010 IND, 00:00-00:00 , , Independent/Directed Study; Byron Steinman ; 1-2 cr.
63727 012 IND, In Person Term Based; Nigel Watrus ; 1-2 cr.

4095 Special Topics: (Various Titles to be Assigned)

(A-F or Audit;)

69483 001 LEC, 8:00- 9:15 TTh, Heller Hall 114, In Person Term Based; Meets With: 001 GEOL 5095; Latisha Brengman, Cody Sheik ; 1-3 cr.

4180 Teaching Assistant Experience

(S-N only; Prereq: Geol core, geological sciences major, instructor consent; max 2 cr can be applied toward geological sciences major; no grad credit)

63065 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-2 cr.
63580 002 IND, 00:00-00:00 , , Independent/Directed Study; Fred Davis ; 1-2 cr.
63581 003 IND, 00:00-00:00 , , Independent/Directed Study; Salli Dymond ; 1-2 cr.
63582 004 IND, 00:00-00:00 , , Independent/Directed Study; Christina Gallup ; 1-2 cr.

63583 005 IND, 00:00-00:00 , , Independent/Directed Study; John Goodge ; 1-2 cr.
63584 006 IND, 00:00-00:00 , , Independent/Directed Study; Karen Gran ; 1-2 cr.
63585 007 IND, 00:00-00:00 , , Independent/Directed Study; Vicki Hansen ; 1-2 cr.
63586 008 IND, 00:00-00:00 , , Independent/Directed Study; Howard Mooers ; 1-2 cr.
63587 009 IND, 00:00-00:00 , , Independent/Directed Study; Christian Schardt ; 1-2 cr.
63588 010 IND, 00:00-00:00 , , Independent/Directed Study; Byron Steinman ; 1-2 cr.
63589 011 IND, 00:00-00:00 , , Independent/Directed Study; John Swenson ; 1-2 cr.
63728 012 IND, In Person Term Based; Nigel Watrus ; 1-2 cr.

4201 Introduction to Watershed Hydrology

(A-F or Audit;)

63850 001 LEC, 10:00-10:50 MWF, Heller Hall 120, In Person Term Based; Meets With: 001 ESCI 4201001 ESCI 5201001 GEOL 5201; Salli Dymond ; 3 cr.

4360 Geologic, Geophysical, and Geochemical Methods of Exploration

(A-F or Audit; Prereq: 4350, Math 1290 or 1296 or instructor consent; no grad credit)

66832 002 LAB, 14:00-15:50 MW, Heller Hall 120, In Person Term Based; Meets With: 002 GEOL 5360; Christian Schardt ; 4 cr.
66833 001 LEC, 13:00-13:50 MW, Heller Hall 120, In Person Term Based; Meets With: 001 GEOL 5360; Christian Schardt ; 4 cr.

4550 Tectonic Geomorphology

(A-F or Audit; Prereq: 3210 or 3420 or Grad student or instructor consent)

68083 001 LEC, 9:00- 9:50 MW, Heller Hall 202, In Person Term Based; Karen Gran ; 3 cr.
68084 002 LAB, 8:00- 9:50 F, Heller Hall 202, 8:00- 9:50 F, Heller Hall 108, In Person Term Based; Karen Gran ; 3 cr.

5091 Geologic Problems

(Student Option; Prereq: Graduate Student or instructor consent)

63211 001 IND, Independent/Directed Study; Latisha Brengman ; 1-2 cr.
63212 002 IND, Independent/Directed Study; Fred Davis ; 1-2 cr.
63213 003 IND, Independent/Directed Study; Salli Dymond ; 1-2 cr.
63214 004 IND, Independent/Directed Study; Christina Gallup ; 1-2 cr.
63215 005 IND, Independent/Directed Study; John Goodge ; 1-2 cr.
63216 006 IND, Independent/Directed Study; Karen Gran ; 1-2 cr.
63217 007 IND, Independent/Directed Study; Vicki Hansen ; 1-2 cr.
63218 008 IND, Independent/Directed Study; Howard Mooers ; 1-2 cr.
63219 009 IND, Independent/Directed Study; Christian Schardt ; 1-2 cr.
63476 010 IND, Independent/Directed Study; Byron Steinman ; 1-2 cr.
63590 011 IND, Independent/Directed Study; John Swenson ; 1-2 cr.
63729 012 IND, In Person Term Based; Nigel Watrus ; 1-2 cr.

5095 Special Topics: (Various Titles to be Assigned)

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

69484 001 LAB, 8:00- 9:15 TTh, Heller Hall 114, In Person Term Based; Meets With: 001 GEOL 4095; Latisha Brengman, Cody Sheik ; 1-3 cr.

5100 Seminar

(Student Option; Prereq: instructor consent)

69249 001 LEC, 14:00-15:50 T, James I Swenson Sci Bldg 202, In Person Term Based; Meets With: 001 IBS 8993; John Pastor, Ron Moen, Howard Mooers ; 1-2 cr.

5201 Introduction to Watershed Hydrology

(A-F or Audit;)

69621 001 DIS, 10:00-10:50 MWF, Heller Hall 120, In Person Term Based; Meets With: 001 GEOL 4201001 ESCI 4201001 ESCI 5201; Salli Dymond ; 3 cr.

5251 Well Hydraulics

(A-F or Audit; Prereq: 2312, (Phys 2011 of 2013 and 2014), (Math 1296 or Math 1290), or grad student or instructor consent)

69392 001 LEC, 11:00-11:50 MWF, Heller Hall 114, In Person Term Based; John Swenson ; 3 cr.

5321 Theory, Practice of Scanning Electron Microscopy and X-Ray Microanalysis in Lectures

(A-F or Audit; Prereq: Minimum 75 credits, Chem 1152 or 1156, Phys 2012 or 2015 and 2016, or Grad student or instructor consent)

63852 001 LEC, 14:00-15:50 T, M W Alworth Hall 55, In Person Term Based; Tsutomu Shimotori ; 3 cr.
63853 002 LAB, 14:00-15:50 Th, M W Alworth Hall 55, In Person Term Based; Tsutomu Shimotori ; 3 cr.

5360 Geologic, Geophysical, and Geochemical Methods of Exploration

(A-F or Audit; Prereq: 4350 or 5350, (Math 1290 or 1296) or grad student or instructor consent; credit will not be granted if already received for 4360.)

66834 002 LAB, 14:00-15:50 MW, Heller Hall 120, In Person Term Based; Meets With: 002 GEOL 4360; Christian Schardt ; 4 cr.
66835 001 LEC, 13:00-13:50 MW, Heller Hall 120, In Person Term Based; Meets With: 001 GEOL 4360; Christian Schardt ; 4 cr.

8094 Geologic Research

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

62846 001 IND, Independent/Directed Study; Latisha Brengman ; 1-6 cr.
63220 002 IND, Independent/Directed Study; Fred Davis ; 1-6 cr.
63221 003 IND, Independent/Directed Study; Salli Dymond ; 1-6 cr.
63222 004 IND, Independent/Directed Study; Christina Gallup ; 1-6 cr.
63223 005 IND, Independent/Directed Study; John Goodge ; 1-6 cr.
63224 006 IND, Independent/Directed Study; Karen Gran ; 1-6 cr.
63225 007 IND, Independent/Directed Study; Vicki Hansen ; 1-6 cr.
63226 008 IND, 00:00-00:00 , , Independent/Directed Study; Howard Mooers ; 1-6 cr.
63227 009 IND, Independent/Directed Study; Christian Schardt ; 1-6 cr.
63228 011 IND, Independent/Directed Study; John Swenson ; 1-6 cr.
63477 010 IND, Independent/Directed Study; Byron Steinman ; 1-6 cr.
63730 012 IND, In Person Term Based; Nigel Watrus ; 1-6 cr.

8333 FTE: Master's

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

62686 001 IND, Independent/Directed Study; ; 1 cr.

8444 FTE: Doctoral

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

62930 001 IND, Independent/Directed Study; ; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Max 6 cr per semester or summer; doctoral student who has not passed prelim oral; no required consent for the first two registrations up to 12 cr; departmental consent for the third and fourth registrations up to an additional 12 cr, or 24 cr total (for doctoral students admitted summer 2007 and beyond; doctoral students admitted prior to summer 2007 may register up to 4 times totaling 60 cr))
62932 001 IND, Independent/Directed Study; ; 1-6 cr.

8777 Thesis Credit: Master's

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

62942 001 IND, Independent/Directed Study; Latisha Brengman ; 1-18 cr.
63229 002 IND, Independent/Directed Study; Fred Davis ; 1-18 cr.
63230 003 IND, Independent/Directed Study; Salli Dymond ; 1-18 cr.
63231 004 IND, Independent/Directed Study; Christina Gallup ; 1-18 cr.
63232 005 IND, 00:00-00:00 , , Independent/Directed Study; John Goodge ; 1-18 cr.
63233 006 IND, Independent/Directed Study; Karen Gran ; 1-18 cr.
63234 007 IND, Independent/Directed Study; Vicki Hansen ; 1-18 cr.
63235 008 IND, Independent/Directed Study; Howard Mooers ; 1-18 cr.
63236 009 IND, Independent/Directed Study; Christian Schardt ; 1-18 cr.
63237 010 IND, Independent/Directed Study; Byron Steinman ; 1-18 cr.

63238 011 IND, Independent/Directed Study; John Swenson ; 1-18 cr.
63734 012 IND, In Person Term Based; Nigel Wattus ; 1-18 cr.

8888 Thesis Credits: Doctoral

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

62946 001 IND, 00:00-00:00 , , Independent/Directed Study; ; 1-24 cr.
63239 002 IND, Independent/Directed Study; ; 1-24 cr.

German (GER)**1102 Beginning German II**

(A-F or Audit; Prereq: 1-2 years high school german or 1101 or instructor consent/COMM & LAN)

62163 001 LEC, 10:00-10:50 MTThF, Humanities Building 464, In Person Term Based; Kristen Hylenski ; 4 cr.
62397 002 LEC, 14:00-14:50 MTWTh, Humanities Building 464, In Person Term Based; Holly Brining ; 4 cr.

1202 Intermediate German II

(A-F or Audit; Prereq: 4 years high school german or 1201 or instructor consent/COMM & LAN)

62164 001 LEC, 10:00-10:50 MTWTh, Humanities Building 480, In Person Term Based; Daniel Nolan ; 4 cr.
62227 002 LEC, 15:00-15:50 MTWTh, Humanities Building 480, In Person Term Based; Daniel Nolan ; 4 cr.

2315 German Film: History and Analysis

(A-F or Audit; FINE ARTS)

67385 001 LEC, 15:00-16:50 TTh, Montague Hall 70, In Person Term Based; Holly Brining ; 4 cr.

3591 Independent Study

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

62165 001 IND, Independent/Directed Study; Kristen Hylenski ; 1-4 cr.
65838 002 IND, In Person Term Based; Daniel Nolan ; 1-4 cr.

3602 German Studies II: From the Rise of the Reich to the Fall of the Wall

(A-F or Audit; HUMANITIES)

65839 001 LEC, 9:00-9:50 MTThF, Darland Admin Bldg 16A, In Person Term Based; Kristen Hylenski ; 4 cr.

4305 German Cinema

(A-F or Audit; Prereq: 1202 with a grade of C or higher or instructor consent; no grad credit/HUMANITIES)

65840 001 LEC, 15:00-16:50 MW, Humanities Building 464, In Person Term Based; Holly Brining ; 4 cr.

Graduate School (GRAD)**999 Graduate School Active Status**

(No Grade Associated; Prereq: Grad Students only with department permission to add or drop)

61394 001 IND, Independent/Directed Study; 0 cr.
61487 009 IND, In Person Term Based; Kremena Popov ; 0 cr.

Health (HLTH)**1100 Health and Wellness Strategies for Life**

(A-F or Audit; SUSTAIN)

61909 001 LEC, 12:00-12:50 MW, Sports and Health Center 208, Partially Online; Patricia Wendinger ; 3 cr.
61910 002 LEC, Completely Online; Ambria Crusan ; 3 cr.

1104 Health Science Terminology

(A-F or Audit;)

61883 001 IND, Completely Online; Karen Skrbich ; 3 cr.

1400 Alcohol and College Life

(A-F or Audit; Prereq: freshman or sophomore status; credit will not be granted if already received for SOC 1400)

61953 001 IND, Completely Online; Laurretta Perry ; 1 cr.
61954 002 IND, Completely Online; Laurretta Perry ; 1 cr.

1470 Human Nutrition

(A-F or Audit; NAT SCI)

61500 001 LEC, Completely Online; Ambria Crusan ; 3 cr.

1700 First Responder

(A-F or Audit;)

61558 001 LEC, 8:00- 8:50 MWF, Sports and Health Center 8, In Person Term Based; Elizabeth Fleissner ; 3 cr.
61904 002 LEC, 11:00-11:50 MWF, Sports and Health Center 8, In Person Term Based; Elizabeth Fleissner ; 3 cr.

2030 Applied Human Anatomy

(A-F or Audit; Prereq: exercise science or physical education or public health and promotion or environmental and outdoor education major or candidate, [BIOL 1001 or Biol 1011] and one semester college chemistry; credit will not be granted if already received for Biol 1761)

61729 002 LAB, 8:00- 9:15 Th, Sports and Health Center 207, In Person Term Based; Mark Nierengarten ; 4 cr.
61730 001 LEC, 13:00-13:50 MWThF, Chemistry Building 150, In Person Term Based; Mark Nierengarten ; 4 cr.
61741 003 LAB, 9:30-10:45 Th, Sports and Health Center 207, In Person Term Based; Mark Nierengarten ; 4 cr.

2040 Human Physiology

(A-F or Audit; Prereq: Minimum 30 credits, BIOL 1001 or 1011; one semester college chemistry or instructor consent)

61529 001 LEC, 11:00-11:50 MTWF, Montague Hall 203, In Person Term Based; John Keener ; 4 cr.

3101 Community Health

(A-F or Audit; Prereq: Minimum 30 credits)

61531 001 LEC, Completely Online; Ladona Tornabene ; 3 cr.

3115 Consumer Health Education

(A-F or Audit; Prereq: Minimum 30 credits)

61748 001 LEC, Completely Online; ; 3 cr.

3117 Principles of Sex Education

(A-F or Audit; Prereq: Health Education major or Public Health Education and Promotion, minimum 45 credits or instructor consent)

61501 001 LEC, 9:30-10:45 TTh, Sports and Health Center 208, In Person Term Based; Georgia Keeney ; 3 cr.

3118 Women's Health Issues

(A-F or Audit; Prereq: Minimum 30 credits)

61884 001 LEC, 17:00-19:50 M, Sports and Health Center 207, In Person Term Based; H Doane ; 3 cr.

3202 Drug Education

(A-F or Audit; Prereq: 45 credits, for students seeking and admitted to the STEP (Secondary Teaching Education program), major in health education, public health education and promotion, physical education, exercise science and communication sciences and disorders or instructor consent.)

61507 001 LEC, Completely Online; Karen Skrbich ; 2 cr.

3300 Technology, Design and Communication Applications in Health Education and Promotion

(A-F or Audit; Prereq: minimum 30 credits; Health Ed or Public Health Education and Promotion major, pre or concurrent registration in 3301 or instructor consent)

61893 001 LEC, 13:00-16:50 W, Sports and Health Center 212, In Person Term Based; Amy Versnik Nowak ; 4 cr.

3301 Foundations of Health Education and Promotion

(A-F or Audit; Prereq: 1100 and [(pre- or concurrent registration in 3300 and Health Education Community concentration majors) or Health Education School concentration major or Health Education or Health Education or Public Health Education concurrent registration is required (or allowed) in Promotion major or minor/instructor consent)

61721 001 LEC, 9:00- 9:50 MWF, Bohannon Hall 108, In Person Term Based; Karen Skrbich ; 3 cr.

3302 School Health Education Methods and Materials

(A-F or Audit; Prereq: 3301, Health Education or Public Health Education and Promotion major with school concentration or instructor consent)

61506 001 LEC, 13:00-13:50 MWF, Sports and Health Center 207, In Person Term Based; Ann Hockett ; 3 cr.

3303 Health Education and Promotion Program

(A-F or Audit; Prereq: Concurrent registration is required (or allowed) in 3301, Health Educ or Public Health Education and Promotion major or minor or instructor consent)

61716 001 LEC, 15:30-18:00 Th, Sports and Health Center 210, In Person Term Based; Karen Skrbich ; 3 cr.

3305 Community Health Methods and Strategies

(A-F or Audit; Prereq: 3300, 3303, Health Ed or Public Health Education and Promotion major with Community concentration or instructor consent)
61632 001 LEC, 13:00-16:50 M, Sports and Health Center 212, Partially Online; Amy Versnik Nowak ; 4 cr.

3341 Encountering Death and Grief: A Cross-Cultural Journey

(A-F or Audit; Prereq: credit will not be granted if already received for 5341CDIVERSITY)

62063 550 LEC, 15:30-18:00 Th, Cina Hall 214, In Person Term Based; H Doane ; 3 cr.

3400 Facilitating Healthy Lifestyle Change

(A-F or Audit; Prereq: 3301, Health Education or Public Health Education and Promotion major or minor or instructor consent)

61885 001 LEC, 15:30-18:00 T, Cina Hall 214, In Person Term Based; H Doane ; 3 cr.

4000 The Health Education Specialist: Skills and Application

(A-F or Audit; Prereq: 3305, Health Education or Public Health Education and Promotion major or instructor consent, no grad credit)

61892 001 LEC, 15:00-17:50 W, Sports and Health Center 207, In Person Term Based; Ladona Tornabene ; 4 cr.

4996 Internship in Health Education

(S-N or Audit; Prereq: health education major, instructor consent; no grad credit)

61533 001 FWK, Independent/Directed Study; Ladona Tornabene ; 1-15 cr.
61737 002 FWK, Independent/Directed Study; Georgia Keeney ; 1-15 cr.
62023 003 FWK, In Person Term Based; Amy Versnik Nowak ; 1-15 cr.
70118 004 FWK, In Person Term Based; H Doane ; 1-15 cr.

Health Care Management (HCM)**4515 Long Term Care Policy and Management**

(A-F or Audit;)

67203 001 DIS, 12:30-13:45 TTh, Labovitz Schl Bus & Econ 225, In Person Term Based; Jill Klingner ; 3 cr.

4520 Health Care Organization and Management

(A-F only; Prereq: LSBE candidate or approved Health Care Management minor or college consent, MgtIS 3401 preferred but not required, no grad credit)

64052 001 LEC, 8:00- 8:50 MWF, Labovitz Schl Bus & Econ 225, In Person Term Based; Kim Dauner ; 3 cr.

4530 Legal Aspects of and Ethics in Health Care

(A-F only; Prereq: LSBE candidate or approved Health Care Management minor or college consent, no grad credit)

64058 001 LEC, 10:00-10:50 MWF, Labovitz Schl Bus & Econ 229, In Person Term Based; Annalisa Peterson ; 3 cr.

4541 Principles of Health Policy

(A-F or Audit;)

69785 001 LEC, 9:00- 9:50 M, Labovitz Schl Bus & Econ 233, In Person Term Based; Jennifer Schultz ; 1-3 cr.

4560 International Comparisons of Health Care Systems

(A-F only; Prereq: LSBE candidate or approved Health Care Management minor or college consent, no grad credit)

64105 001 LEC, 11:00-11:50 MWF, Labovitz Schl Bus & Econ 225, In Person Term Based; Kim Dauner ; 3 cr.

4570 Health Care Quality Management

(A-F only; Prereq: 4520, LSBE candidate or approved Health Care Management minor or college consent; no grad credit)

65647 001 LEC, 8:00- 9:15 TTh, Labovitz Schl Bus & Econ 225, In Person Term Based; Jill Klingner ; 3 cr.

4591 Independent Study

(A-F only; Prereq: LSBE candidate, instructor consent, no grad credit)

64029 001 IND, Independent/Directed Study; Kim Dauner ; 1-3 cr.

4597 Internship

(A-F only; Prereq: LSBE candidate, prior major coursework and consent of internship director; no grad credit)

64028 001 FWK, Independent/Directed Study; Angie Soderberg ; 1-6 cr.

Health, Physical Educ and Rec (HPER)

3000 Organization and Administration of Health, Physical Education, and Recreation

(A-F or Audit; Prereq: Major in Health Education or Public Health Education and Promotion or Exercise Science or Physical Education or Recreation or instructor consent)

61605 001 LEC, 12:00-12:50 MWF, Sports and Health Center 210, In Person Term Based; Elizabeth Fleissner ; 3 cr.

3300 Health and Physical Education in the Elementary School

(A-F or Audit; Prereq: IESE Major, successful completion of IESE 1010)

61774 001 LEC, 12:00-13:50 MW, Sports and Health Center 8, Partially Online; Jim Knapp, Karen Skrbich ; 3 cr.
61788 002 LEC, 12:00-13:50 MW, Sports and Health Center 150A, 12:00-13:50 MW, Sports and Health Center 155, Partially Online; Jim Knapp, Karen Skrbich ; 3 cr.

History (HIST)

1208 Europe in the Modern Age

(A-F or Audit; HUMANITIES)

62577 001 LEC, 11:00-11:50 MWF, Humanities Building 314, In Person Term Based; Natalie Belsky ; 4 cr.

1305 US History Part II: 1865-Present

(A-F or Audit; HUMANITIES)

62268 001 LEC, 9:30-10:45 TTh, A B Anderson Hall 225, In Person Term Based; Scott Laderman ; 4 cr.

1310 Minnesota History

(A-F or Audit;)

62460 001 LEC, 15:00-15:50 MWF, A B Anderson Hall 225, In Person Term Based; David Woodward ; 4 cr.

2410 Modern China, Japan, Korea, Vietnam and East Asia

(A-F or Audit;)

62459 001 LEC, 14:00-15:15 TTh, A B Anderson Hall 235, In Person Term Based; Qiang Fang ; 4 cr.

3035 Ancient Warfare From Alexander to Muhammad

(A-F or Audit; Prereq: Credit will not be granted if already received for HIST 3335 or HMC1 3335.)

62458 001 LEC, 11:00-11:50 MWF, A B Anderson Hall 235, In Person Term Based; Jeffrey Rop ; 4 cr.

3038 History of Christianity: Origins to 1054

(A-F or Audit; Prereq: credit will not be granted if already received for HIST 3238)

65717 001 LEC, 10:00-10:50 MWF, A B Anderson Hall 235, In Person Term Based; Steve Matthews ; 4 cr.

3091 Directed Readings in History

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

62189 001 IND, Independent/Directed Study; Steve Matthews ; 1-4 cr.
62527 002 IND, Independent/Directed Study; Qiang Fang ; 1-4 cr.
62528 003 IND, Independent/Directed Study; Scott Laderman ; 1-4 cr.
62529 004 IND, Independent/Directed Study; Gideon Mailer ; 1-4 cr.
62530 005 IND, Independent/Directed Study; Jeffrey Rop ; 1-4 cr.
62532 006 IND, Independent/Directed Study; Rosemary Stanfield-Johnson ; 1-4 cr.
62533 007 IND, Independent/Directed Study; David Woodward ; 1-4 cr.
65710 008 IND, Independent/Directed Study; Natalie Belsky ; 1-4 cr.
65711 009 IND, Independent/Directed Study; Steffan Spencer ; 1-4 cr.

3097 Internship in History

(A-F or Audit; Prereq: 60 credits, instructor consent)

62188 001 FWK, Independent/Directed Study; Gideon Mailer ; 1-3 cr.

62531 002 FWK, Independent/Directed Study; David Woodward ; 1-3 cr.

3099 Practicum in Teaching History

(A-F or Audit; Prereq: History major, completion of 20 credits of 2xxx and above history courses with GPS of 3.3, completion of 90 credits, instructor consent)

62252 001 FWK, Independent/Directed Study; Steve Matthews ; 3 cr.

3141 Ancient Rome: From Republic to Empire

(A-F or Audit; Prereq: Credit will not be granted if already received for HmCI 3041 or HIST 3041)

62456 001 LEC, 9:00-9:50 MWF, A B Anderson Hall 225, In Person Term Based; Jeffrey Rop ; 4 cr.

3318 Slavery, Lincoln and the Civil War (A-F or Audit;)

62580 001 LEC, 17:00-19:50 M, A B Anderson Hall 245, In Person Term Based; Gideon Mailer ; 4 cr.

3320 American Popular Culture, 1929 to the Present (A-F or Audit;)

65719 001 LEC, 13:00-13:50 MWF, Chemistry Building 155, In Person Term Based; David Woodward ; 4 cr.

3386 The United States and the World since 1898

(A-F or Audit; Prereq: students will receive credit if 3384 (only) or 3385 (only) were taken; credit will not be granted if already received for 3384 and 3385.)

65721 001 LEC, 11:00-12:15 TTh, A B Anderson Hall 225, In Person Term Based; Scott Laderman ; 4 cr.

3463 History of Modern China (A-F or Audit;)

65722 001 LEC, 18:00-20:50 W, A B Anderson Hall 235, In Person Term Based; Qiang Fang ; 4 cr.

3615 Modern Africa (A-F or Audit; Prereq: credit will not be granted if already received for HIST 3515)

62385 001 LEC, 9:30-10:45 TTh, A B Anderson Hall 245, In Person Term Based; Steffan Spencer ; 4 cr.

3695 Special Topics African History (various titles to be assigned) (A-F or Audit;)

62672 001 LEC, 12:30-13:45 TTh, A B Anderson Hall 235, In Person Term Based; Steffan Spencer ; 4 cr.

3720 Iran: History, Politics, and Culture (A-F or Audit;)

67055 001 LEC, 15:30-16:45 TTh, A B Anderson Hall 235, In Person Term Based; Rosemary Stanfield-Johnson ; 4 cr.

3825 Islamic History from Muhammad to the Ottomans (A-F or Audit; Prereq: minimum 30 credits; credit will not be granted if already received for HIST 3725)

62641 001 LEC, 18:00-20:50 Th, A B Anderson Hall 225, Partially Online; Rosemary Stanfield-Johnson ; 4 cr.

3940 Early Modern England: 1485-1689 (A-F or Audit; Prereq: credit will not be granted if already received for HIST 3240)

65723 001 LEC, 14:00-14:50 MWF, A B Anderson Hall 225, In Person Term Based; Steve Matthews ; 4 cr.

5094 Directed Research (A-F or Audit; Prereq: instructor consent, maximum 4 credits may be applied to grad program)

62191 001 IND, Independent/Directed Study; Gideon Mailer ; 4 cr.

5905 History Seminar (A-F or Audit; Prereq: instructor consent)

62386 001 LEC, 15:00-18:20 W, Humanities Building 484, In Person Term Based; Natalie Belsky ; 4 cr.

Honors (HON)

3095 University Honors Special Topics: (Various Titles to be Assigned)

(A-F or Audit; Prereq: Honors Student)

61464 550 LEC, 8:00-9:15 TTh, Humanities Building 484, In Person Term Based; John Dahl ; 1-4 cr.
68144 551 LEC, 16:00-19:00 W, Montague Hall 206, In Person Term Based; Colleen Belk ; 1-4 cr.

Industrial Engineering (IE)

3115 Operations Research (A-F or Audit; Prereq: Math 3280, Stat 3411, BSIE candidate or instructor consent)

63116 001 LEC, 14:00-15:50 TTh, Engineering Building 118, In Person Term Based; Hongyi Chen ; 4 cr.

3122 Materials Engineering Laboratory (A-F only; Prereq: ENGR 1222, BSIE or BSME candidate, concurrent registration in 3130)

63117 001 LEC, 12:00-12:50 M, Chemistry Building 150, In Person Term Based; Meets With: 008IE3122; Jake Dryke, Ping Zhao ; 2 cr.
63118 002 LAB, 13:00-14:50 T, Voss-Kovach Hall 140, In Person Term Based; Jake Dryke ; 2 cr.
63119 003 LAB, 13:00-14:50 Th, Voss-Kovach Hall 140, In Person Term Based; Ping Zhao ; 2 cr.
63153 005 LAB, 10:00-11:50 T, Voss-Kovach Hall 140, In Person Term Based; Jake Dryke ; 2 cr.
63161 006 LAB, 10:00-11:50 Th, Voss-Kovach Hall 140, In Person Term Based; Ping Zhao ; 2 cr.
63716 004 LAB, 15:00-16:50 T, Voss-Kovach Hall 140, In Person Term Based; Jake Dryke ; 2 cr.
66783 007 LAB, 15:00-16:50 Th, Voss-Kovach Hall 140, In Person Term Based; Ping Zhao, Michael Pluimer ; 2 cr.
68744 008 LEC, 12:00-12:50 M, Chemistry Building 150, In Person Term Based; Meets With: 001 IE3122; Jake Dryke, Ping Zhao ; 2 cr.

3125 Engineering Economic Analysis (A-F or Audit; Prereq: Statistics 3411 or 3611, engineering candidate or instructor consent)

63060 001 LEC, 10:00-10:50 F, Engineering Building 204, 10:00-10:50 MWF, Voss-Kovach Hall 221, In Person Term Based; Heidi Zierden ; 3 cr.
63717 002 LEC, 14:00-14:50 F, Engineering Building 204, 14:00-14:50 MWF, Heller Hall 306, In Person Term Based; Heidi Zierden ; 3 cr.

3130 Materials Processing Engineering (A-F only; Prereq: Engr 2110 or ME 2105, Engr 2016 or CE 2017, Stat 3411 (concurrent registration is allowed) and BSIE or BSME or BSEF candidate)

63120 001 LEC, 14:00-14:50 MWF, Voss-Kovach Hall 221, In Person Term Based; Ping Zhao ; 3 cr.
63719 002 LEC, 8:00-8:50 MWF, Voss-Kovach Hall 221, In Person Term Based; Emmanuel Enemuoh ; 3 cr.

3222 Occupational Systems Laboratory (A-F only; Prereq: 3140, must be taken after or concurrently with IE 4020 or instructor consent; credit will not be granted if already received for 3105, 3265)

63131 001 LEC, 13:00-13:50 T, Voss-Kovach Hall 201, In Person Term Based; Robert Feyen ; 2 cr.
63132 002 LAB, 12:00-13:50 Th, Voss-Kovach Hall 201, In Person Term Based; Robert Feyen ; 2 cr.

4010 Six Sigma Quality Control (A-F only; Prereq: Che 2011 or Stat 3411 or 3611, engineering candidate, no grad credit)

63121 001 LEC, 11:00-11:50 MWF, Voss-Kovach Hall 221, 11:00-11:50 F, Engineering Building 204, In Person Term Based; Heidi Zierden ; 3 cr.

4020 Lean Production Management (A-F only; Prereq: 3125 or Che 4501 or instructor consent, no grad credit)

63122 001 LEC, 14:00-14:50 MWF, Engineering Building 280, In Person Term Based; Meets With: 001 EMGT 5240; Turuna Secharan ; 3 cr.

4196 Cooperative Education I (A-F or Audit; Prereq: BSIE candidate, no grad credit)

62847 001 FWK, 00:00-00:00, Independent/Directed Study; Daniel Pope ; 1 cr.

4197 Industrial Engineering Internship (A-F or Audit;)

66788 001 IND, In Person Term Based; Daniel Pope ; 1 cr.

4255 Multidisciplinary Senior Design (A-F or Audit; Prereq: EMgt 4110, BSIE candidate, or instructor consent, no grad credit)

62838 001 LEC, 15:00-16:50 T, Solon Campus Center 120, In Person Term Based; Meets With: 001 ME 4255/003 ME 4255; Jose Carrillo, Jong Boom Lee ; 4 cr.

62839 002 LAB, 13:00-16:50 Th, Engineering Building 260, 13:00-16:50 Th, Voss-Kovach Hall 115, In Person Term Based; Meets With: 002 ME 4255; Jose Carrillo, Jong Beom Lee ; 4 cr.

63527 003 LAB, 8:00-11:50 Th, Engineering Building 260, In Person Term Based; Meets With: 004 ME 4255; Jose Carrillo, Jong Beom Lee ; 4 cr.

4296 Cooperative Education II

(A-F or Audit; Prereq: 4196 or ME 4196; no grad credit) 63479 001 FWK, 00:00-00:00 , , Independent/Directed Study; Daniel Pope ; 2 cr.

4297 Industrial Engineering Internship

(A-F or Audit;) 66791 001 IND, In Person Term Based; Daniel Pope ; 2 cr.

4491 Independent Study

(A-F or Audit; Prereq: BSIE or BSME candidate, department consent) 62848 001 IND, Independent/Directed Study; 1-4 cr.

4993 Industrial Engineering Seminar

(S-N or Audit; Prereq: BSIE or BSChE or BSECE or BSME or MEHS candidate or instructor consent; no Grad credit) 62985 001 LEC, 12:00-12:50 W, Montague Hall 80, In Person Term Based; Meets With: 811 EMGT 8993001 ME 8993; Puttagounder Dhanasekaran Swaminathan ; 1 cr.

5315 Organizational Control Methods

(A-F or Audit; Prereq: BSIE or MSEM candidate or department consent) 66792 001 LEC, 18:00-20:40 T, Voss-Kovach Hall 115, In Person Term Based; Turuna Seecharan ; 3 cr.

5991 Independent Study in Industrial Engineering

(Student Option; Prereq: MSEM candidate, department consent) 63579 001 IND, In Person Term Based; 1-4 cr.

Integrated Biosciences (IBS)

8013 Integrated Biological Systems II

(A-F or Audit; Prereq: 8011, calculus) 63455 001 LEC, 9:00- 9:50 MW, James I Swenson Sci Bldg 207A, In Person Term Based; Patrick Schoff, Jessica Savage ; 2 cr.

8101 Cellular Biochemistry

(A-F or Audit; Prereq: Organic Chemistry, Biochemistry, Cell Biology or Molecular Biology, Calculus or instructor consent.) 69238 001 LEC, 12:00-13:15 MW, James I Swenson Sci Bldg 207A, In Person Term Based; Erin Sheets ; 3 cr.

8102 Cell, Molecular and Developmental Biology

(A-F only; Prereq: 5101, Chem 4342 or equivalent, IBS grad student) 69214 001 LEC, 10:00-11:15 TTh, James I Swenson Sci Bldg 203, In Person Term Based; Benjamin Clarke, Patricia Scott, Jon Holy, Jennifer Liang ; 3 cr.

8103 Comparative Animal Physiology

(A-F only; Prereq: One year of college biology, two years of college chemistry; 8011, IBS Grad student) 69255 001 LEC, 14:00-15:15 MW, James I Swenson Sci Bldg 207A, In Person Term Based; Allen Mensinger ; 3 cr.

8202 Chemical Biology

(A-F or Audit; Prereq: Organic Chemistry, Biochemistry or Cellular Biochemistry, Cell Biology or Molecular Biology, Calculus or instructor consent.) 69257 001 LEC, 12:30-13:45 TTh, James I Swenson Sci Bldg 203, In Person Term Based; Venkatram Mereddy, Sangeeta Mereddy ; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent) 63169 001 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent) 63191 001 IND, 00:00-00:00 , , Independent/Directed Study; 1 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Doctoral student who has not passed preliminary oral; no required consent for 1st/2nd registrations, up to 12 combined credits; department consent for 3rd/4th registrations, up to 24 combined credits; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined credits) 63189 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Maximum 18 credits per semester or summer; 10 credits total required (Plan A only)) 63067 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-18 cr.

8888 Thesis Credit: Doctoral

(No Grade Associated; Prereq: Maximum 18 credits per semester or summer; 24 credits required) 63190 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-24 cr.

8993 Integrated Biosciences Graduate Seminar

(A-F only; Prereq: 8012, 8103) 63857 001 LEC, 14:00-15:50 T, James I Swenson Sci Bldg 202, In Person Term Based; Meets With: 001 GEOL 5100; John Pastor, Ron Moen, Howard Mooers ; 2 cr.

Integrated Elem Special Educ (IESE)

1010 Introduction to Inclusive Education

(A-F or Audit; Prereq: Pre elementary education student; credit will not be granted if already received for ELED 1010) 61812 001 DIS, 14:00-15:15 TTh, Bohannon Hall 108, In Person Term Based; Jane Ellen Dietrich ; 3 cr.

2001 Diversity and Education Implications

(A-F or Audit; Prereq: Pre-IESE Candidate, 1010; credit will not be granted if already received for ELED 2001) 61814 001 LEC, 17:15-20:00 Th, Montague Hall 151, In Person Term Based; Nedra Hazareesingh ; 3 cr.

3325 Foundations of Literacy and Language

(A-F only; Prereq: Admission to the IESE program, successful completion of IESE 3331; credit will not be granted if already received for ELED 3325) 61524 001 LEC, 8:00- 9:15 TTh, Ed Endazhi-gikino'amaading 17, In Person Term Based; Jean Stevenson ; 3 cr.

3326 Advanced Literacy & Language:

Designing & Implementing a Comprehensive Literacy Program (A-F only; Prereq: Admission to IESE program and successful completion of Blocks One and Two courses and associated field experiences; credit will not be granted if already received for ELED 3326) 61815 001 LEC, 15:30-17:10 T, Ed Endazhi-gikino'amaading 17, In Person Term Based; Jean Stevenson ; 2 cr.

68914 002 LEC, 15:00-16:40 M, Ed Endazhi-gikino'amaading 16, In Person Term Based; Jean Stevenson ; 2 cr.

3331 Children's Literature in the Elementary School

(A-F or Audit; Prereq: Pre-IESE, Sophomore standing, IESE 1010 and ECH 2025; credit will not be granted if already received for ELED 3331.) 61527 001 LEC, 17:00-19:30 W, Ed Endazhi-gikino'amaading 16, In Person Term Based; Jean Stevenson ; 3 cr.

3355 Critical Thinking Elementary Mathematics Methods I

(A-F only; Prereq: Admission to the IESE program and successful completion of Block One courses and associated field experience; credit will not be granted if already received for ELED 3355) 61816 001 DIS, 9:00- 9:50 MF, Ed Endazhi-gikino'amaading 17, In Person Term Based; Joan Kwako ; 2 cr.

3356 Elementary Mathematics Methods II

(A-F only; Prereq: Admission to IESE program and successful completion of Blocks One and Two courses

and associated field experiences; credit will not be granted if already received for ELED 3356)

61847 001 DIS, 9:30-10:45 TTh, Ed Endazhi-gikino'amaading 17, In Person Term Based; Joan Kwako ; 3 cr.

4344 Teaching Science and Environmental Education I

(A-F only; Prereq: Admission to IESE program and successful completion of Block One courses and associated field experience; no grad credit; credit will not be granted if already received for ELED 4344) 61670 001 LEC, 14:00-15:15 TTh, Montague Hall 151, In Person Term Based; ; 3 cr.

4346 Teaching Science & Environmental Education II

(A-F only; Prereq: Admission to IESE program and successful completion of Blocks One and Two courses and associated field experiences; no grad credit; credit will not be granted if already received for ELED 4346) 61849 001 LEC, 10:00-10:50 MF, Montague Hall 151, In Person Term Based; ; 2 cr.

4366 Teaching Elementary Social Studies I (A-F only;)

61817 001 DIS, 14:00-15:15 TTh, Ed Endazhi-gikino'amaading 17, In Person Term Based; Lynn Brice ; 3 cr.

4367 Teaching Elementary Social Studies II

(A-F only; Prereq: Admission to IESE program and successful completion of Block One courses and associated field experience; no grad credit; credit will not be granted if already received for ELED 4367) 61818 001 DIS, 15:30-17:10 Th, Ed Endazhi-gikino'amaading 17, In Person Term Based; Dan Corbett ; 2 cr.

Inter-Institutional Cross-Reg (IICR)

Interdisciplinary Studies (IS)

2001 Sustainability Across Disciplines

(A-F or Audit; SUSTAIN) 67357 001 LEC, 11:00-12:50 MW, Chester Park 122, In Person Term Based; Katie Van Wert ; 4 cr.

3093 Senior Project

(A-F or Audit; Prereq: instructor consent; credit will not be granted if already received for IS 3099) 62173 001 IND, 00:00-00:00 , , Independent/Directed Study; Katie Van Wert ; 1-10 cr.

International Studies (INTS)

1010 Introduction to International Studies

(A-F or Audit; GLOBAL PER) 62431 001 LEC, 14:00-15:15 TTh, M W Alworth Hall 195, In Person Term Based; Shannon Walsh ; 3 cr.

1191 International Study

(A-F or Audit; Prereq: department consent) 62193 001 IND, 00:00-00:00 , , Independent/Directed Study; Mary Caprioli ; 1-5 cr.

3191 International Study

(A-F or Audit; Prereq: department consent) 62679 001 IND, Independent/Directed Study; Mary Caprioli ; 1-5 cr.

3197 International Internship

(S-N or Audit; Prereq: minimum 50 credits, department consent; max 4 cr may be applied to IntS major) 62680 001 FWK, In Person Term Based; Mary Caprioli ; 1-6 cr.

4100 Seminar in International Studies

(A-F or Audit; Prereq: Pol 1050, 60 credits including 8 upper division credits approved IntS courses and instructor consent) 62380 001 LEC, 8:00- 9:50 TTh, Solon Campus Center 6, In Person Term Based; Mary Caprioli ; 4 cr.

Journalism (JOUR)

2001 Introduction to Journalism

(A-F or Audit;)
62269 001 LEC, 9:00- 9:50 MWF, Bohannon Hall 346, In Person Term Based; Chris Julin ; 3 cr.

2400 Community and Journalism

(A-F or Audit; GLOBAL PER)
62668 001 LEC, Completely Online; John Hatcher ; 3 cr.

2501 History of American Media

(A-F or Audit;)
65677 001 LEC, 10:00-10:50 MW, Chemistry Building 251, Partially Online; Jennifer Moore ; 3 cr.

3401 Digital Storytelling

(A-F or Audit; Prereq: 2001)
62307 001 LEC, 13:00-14:50 MW, Humanities Building 484, In Person Term Based; Jennifer Moore ; 4 cr.

3501 Audio stories for podcasts and radio

(A-F or Audit;)
65678 001 LEC, 11:00-12:50 MW, Darland Admin Bldg 16A, In Person Term Based; Chris Julin ; 3 cr.

3991 Independent Study in Journalism

(A-F or Audit; Prereq: 2001, instructor consent)
62266 001 IND, Independent/Directed Study; John Hatcher ; 1-5 cr.
62559 002 IND, 00:00-00:00 , , Independent/Directed Study; Jennifer Moore ; 1-5 cr.
62599 003 IND, Independent/Directed Study; Chris Julin ; 1-5 cr.

4021 Outdoor and Environmental Journalism

(A-F or Audit;)
62669 001 LEC, 15:30-16:45 TTh, Labovitz Schl Bus & Econ 265, In Person Term Based; John Hatcher ; 3 cr.

4102 Newsroom Practicum

(A-F or Audit; Prereq: 2001; no grad credit)
62313 001 LEC, 17:00-19:45 T, Labovitz Schl Bus & Econ 165, In Person Term Based; Meets With: 001 JOUR 5102; John Hatcher ; 3 cr.

4197 Journalism Internship

(S-N only; Prereq: 2001, 3700, minimum 60 credits, instructor consent, no grad credit)
62344 001 FWK, Independent/Directed Study; John Hatcher ; 1-3 cr.

4200 Social Media in the Digital Age: From Pictographs to Pixels

(A-F or Audit;)
67566 001 LEC, 17:00-19:40 M, Labovitz Schl Bus & Econ 265, In Person Term Based; Jennifer Moore ; 3 cr.

5102 Editing II: Newsroom Practicum

(A-F or Audit; Prereq: Grad Student; credit will not be granted if already received for 5102)
62314 001 LEC, 17:00-19:45 T, Labovitz Schl Bus & Econ 165, In Person Term Based; Meets With: 001 JOUR 4102; John Hatcher ; 3 cr.

5197 Journalism Internship

(S-N only; Prereq: College Grad or grad student, instructor consent)
62247 001 FWK, Independent/Directed Study; John Hatcher ; 1-3 cr.

Labovitz Schl of Business/Econ (LSBE)**397 LSBE Internship**

(S-N only;)
67373 001 FWK, In Person Term Based; Angie Soderberg ; 0 cr.

2000 Interpersonal and Teamwork Skills

(A-F or Audit;)
64112 001 LEC, 15:00-15:50 M, Labovitz Schl Bus & Econ 225, In Person Term Based; Antoinette Pearson ; 1 cr.
64113 002 LEC, 16:00-16:50 M, Labovitz Schl Bus & Econ 225, In Person Term Based; Antoinette Pearson ; 1 cr.
64114 003 LEC, 17:00-17:50 M, Labovitz Schl Bus & Econ 225, In Person Term Based; Antoinette Pearson ; 1 cr.
65808 004 LEC, 15:00-15:50 W, Labovitz Schl Bus & Econ 225, In Person Term Based; Ekaterina Elgayeva ; 1 cr.
65809 005 LEC, 16:00-16:50 W, Labovitz Schl Bus & Econ 225, In Person Term Based; Ekaterina Elgayeva ; 1 cr.
65810 006 LEC, 17:00-17:50 W, Labovitz Schl Bus & Econ 225, In Person Term Based; Ekaterina Elgayeva ; 1 cr.

3000 Career Development for the Business Professional

(A-F or Audit;)
65811 001 LEC, 15:00-15:50 Th, Sports and Health Center 207, In Person Term Based; Ekaterina Elgayeva ; 1 cr.
65812 002 LEC, 16:00-16:50 Th, Sports and Health Center 207, In Person Term Based; Ekaterina Elgayeva ; 1 cr.
65813 003 LEC, 17:00-17:50 Th, Sports and Health Center 207, In Person Term Based; Ekaterina Elgayeva ; 1 cr.

Lesb, Gay, Bi, Trans, Queer St (LGBT)**3153 Queer Media**

(A-F or Audit; Prereq: WS 1000 or CST 2001CDIVERSITY)
62595 001 LEC, 17:00-19:50 M, Cina Hall 316, In Person Term Based; Chloe Diamond-Lenow ; 3 cr.

Limnology (LIM)**5012 Integrated Approaches to the Study of Inland Waters II**

(A-F or Audit;)
63832 001 LEC, 14:00-15:15 TTh, Research Lab Building 200, In Person Term Based; Sergei Katsev, Robert Sterner, Byron Steinman, Kathryn Schreiner ; 3 cr.

5013 Laboratory and Discussion in Integrated Approaches to the Study of Inland Waters II

(A-F or Audit;)
63833 001 LAB, 13:00-15:50 W, Research Lab Building 200, In Person Term Based; Sergei Katsev, Robert Sterner, Byron Steinman, Kathryn Schreiner ; 2 cr.

5101 Physical Limnology

(A-F or Audit; Prereq: Math 1297, Phys 2012 or 2015 and 2016, or grad student)
66837 001 LEC, 8:00- 9:15 TTh, Research Lab Building 200, In Person Term Based; Jay Austin ; 3 cr.

5102 Chemical Limnology

(A-F or Audit; Prereq: Math 1296, Phys 1002 or 1202, Chem 1152 or 1162, or grad student; Credit will not be granted if already received for 5001)
65826 001 LEC, 8:00- 8:50 MWF, Research Lab Building 200, In Person Term Based; Elizabeth Austin-Minor ; 3 cr.

Linguistics (LING)**1811 Introduction to Linguistics**

(A-F or Audit; LOGIC & QR)
62166 001 LEC, 15:30-18:45 TTh, Labovitz Schl Bus & Econ 225, In Person Term Based; William Salmon ; 3 cr.

2600 Language in Society

(A-F or Audit; SOC SCI)
62682 001 LEC, 17:00-18:15 TTh, Montague Hall 206, In Person Term Based; William Salmon ; 3 cr.

3102 Introduction to Syntax

(A-F or Audit; Prereq: 1811 or instructor consent)
62279 001 LEC, 15:00-15:50 MWF, Bohannon Hall 104, In Person Term Based; Chongwon Park ; 3 cr.

3591 Independent Study in Linguistics

(A-F or Audit; Prereq: 1811 or instructor consent, department consent)
62267 001 IND, Independent/Directed Study; William Salmon ; 1-3 cr.
62560 002 IND, Independent/Directed Study; William Salmon ; 1-3 cr.

4104 Corpus Linguistics

(A-F only; Prerequisite linguistics course, students will learn several statistical tests widely used in linguistics and how those tests are applied to the data extracted from large corpora. Students will also acquire basic computer programming skills in Python and R to clean up and manipulate the data structure for the purpose of linguistic exploration. Students will be able to evaluate competing hypotheses using the results of their empirical investigations. pre-req: LING 1811)
69671 001 LEC, 11:00-11:50 MWF, Bohannon Hall 108, In Person Term Based; Chongwon Park ; 3 cr.

4852 Teaching Assistantship in Linguistics

(A-F or Audit; Prereq: 1811, 3101, 3102, instructor consent, no grad credit)
62315 001 FWK, Independent/Directed Study; Chongwon Park ; 1-3 cr.

5852 Practicum in Teaching Linguistics

(A-F or Audit; Prereq: College Grad or Grad student)
62197 001 FWK, Independent/Directed Study; Chongwon Park ; 3 cr.

8591 Independent Study in Linguistics

(A-F or Audit; Prereq: department approval)
62198 001 IND, 00:00-00:00 , , Independent/Directed Study; William Salmon ; 1-3 cr.
69876 002 IND, In Person Term Based; Chongwon Park ; 1-3 cr.

Management Studies (MGTS)**1101 Introduction to Business**

(A-F or Audit;)
64092 001 LEC, Completely Online; Lai La Lunde ; 3 cr.

3301 Production and Operations Management

(A-F or Audit; Prereq: LSBE candidate or approved non-LSBE business administration minor or college consent; credit will not be granted if already received for FMIS 3301)
64080 001 LEC, 11:00-12:15 TTh, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 002 MGTS 3301; Wenqing Zhang ; 3 cr.
64081 002 LEC, 11:00-12:15 TTh, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 001 MGTS 3301; Wenqing Zhang ; 3 cr.
64082 003 LEC, 14:00-15:15 TTh, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 004 MGTS 3301; Wenqing Zhang ; 3 cr.
64083 004 LEC, 14:00-15:15 TTh, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 003 MGTS 3301; Wenqing Zhang ; 3 cr.
64084 005 LEC, 16:00-17:15 MW, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 006 MGTS 3301; Lai La Lunde ; 3 cr.
64085 006 LEC, 16:00-17:15 MW, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 005 MGTS 3301; Lai La Lunde ; 3 cr.
64086 007 LEC, 12:00-12:50 MWF, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 008 MGTS 3301; Lai La Lunde ; 3 cr.
64087 008 LEC, 12:00-12:50 MWF, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 007 MGTS 3301; Lai La Lunde ; 3 cr.
64102 009 LEC, 15:00-15:50 MWF, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 010 MGTS 3301; Lai La Lunde ; 3 cr.
64103 010 LEC, 15:00-15:50 MWF, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 009 MGTS 3301; Lai La Lunde ; 3 cr.

3401 Organizational Behavior and Management

(A-F only; Prereq: LSBE candidate or business administration minor or approved Organizational Management minor or college consent)
63943 001 LEC, 11:00-11:50 MWF, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 002 MGTS 3401; Jon Pierce ; 3 cr.
63944 003 LEC, 13:00-13:50 MWF, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 004 MGTS 3401; Jon Pierce ; 3 cr.
63945 005 LEC, 8:00- 9:15 TTh, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 006 MGTS 3401; Antoinette Pearson ; 3 cr.
63964 002 LEC, 11:00-11:50 MWF, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 001 MGTS 3401; Jon Pierce ; 3 cr.
63965 004 LEC, 13:00-13:50 MWF, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 003 MGTS 3401; Jon Pierce ; 3 cr.
63966 006 LEC, 8:00- 9:15 TTh, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 007 MGTS 3401; Antoinette Pearson ; 3 cr.
63995 007 LEC, 9:30-10:45 TTh, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 008 MGTS 3401; Antoinette Pearson ; 3 cr.
63996 008 LEC, 9:30-10:45 TTh, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 007 MGTS 3401; Antoinette Pearson ; 3 cr.
65803 009 LEC, 18:00-20:40 T, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 010 MGTS 3401; Ekaterina Elgayeva ; 3 cr.

65804 010 LEC, 18:00-20:40 T, Labovitz Schl Bus & Econ 129, In Person Term Based; Meets With: 009 MGTS 3401; Ekaterina Elgayeva ; 3 cr.

3491 Independent Study

(A-F only; Prereq: department consent)
63951 002 IND, Independent/Directed Study; Geoffrey Bell ; 1-3 cr.

64061 003 IND, Independent/Directed Study; Sanjay Goel ; 1-3 cr.

64062 004 IND, Independent/Directed Study; Raymond Jones ; 1-3 cr.

64063 005 IND, Independent/Directed Study; Xin Liang ; 1-3 cr.

64064 006 IND, Independent/Directed Study; Jon Pierce ; 1-3 cr.

64066 008 IND, Independent/Directed Study; Lin Xiu ; 1-3 cr.

64067 009 IND, Independent/Directed Study; Wenqing Zhang ; 1-3 cr.

64068 001 IND, Independent/Directed Study; Jannifer David ; 1-3 cr.

3497 Organizational Management

Internship

(A-F only; Prereq: LSBE candidate, prior major coursework and consent of internship director)
64027 001 FWK, Independent/Directed Study; Angie Soderberg ; 1-6 cr.

3801 Human Resource Management

(A-F only; Prereq: LSBE candidate or approved non-LSBE business administration or approved non-LSBE HRM minors or college consent)

63935 001 LEC, 8:00- 9:15 TTh, A B Anderson Hall 235, In Person Term Based; Meets With: 002 MGTS 3801; Stacy Johnston ; 3 cr.

63936 003 LEC, 11:00-12:15 TTh, Engineering Building 290, In Person Term Based; Meets With: 004 MGTS 3801; Stacy Johnston ; 3 cr.

63970 002 LEC, 8:00- 9:15 TTh, A B Anderson Hall 235, In Person Term Based; Meets With: 001 MGTS 3801; Stacy Johnston ; 3 cr.

63971 004 LEC, 11:00-12:15 TTh, Engineering Building 290, In Person Term Based; Meets With: 003 MGTS 3801; Stacy Johnston ; 3 cr.

63989 005 LEC, 12:30-13:45 TTh, Engineering Building 290, In Person Term Based; Meets With: 006 MGTS 3801; Stacy Johnston ; 3 cr.

63990 006 LEC, 12:30-13:45 TTh, Engineering Building 290, In Person Term Based; Meets With: 005 MGTS 3801; Stacy Johnston ; 3 cr.

64017 007 LEC, Completely Online; Meets With: 008 MGTS 3801; Stacy Johnston ; 3 cr.

64018 008 LEC, Completely Online; Meets With: 007 MGTS 3801; Stacy Johnston ; 3 cr.

3897 Human Resources Internship

(A-F only;)
64026 001 FWK, Independent/Directed Study; Angie Soderberg ; 1-6 cr.

4411 High Performance Organization Design and Transformation

(A-F only; Prereq: 3401, LSBE candidate or college consent)

65805 001 LEC, 14:00-15:15 TTh, Labovitz Schl Bus & Econ 225, In Person Term Based; Xin Liang ; 3 cr.

4431 Leadership Studies

(A-F only; Prereq: 3401, LSBE candidate or Non-LSBE Organizational Management minor or college consent)

67986 001 LEC, 11:00-12:15 TTh, Labovitz Schl Bus & Econ 225, In Person Term Based; Ekaterina Elgayeva ; 3 cr.

4443 Teams in Organizations

(A-F only; Prereq: LSBE candidate, 3401 or instructor consent)

67985 001 LEC, 18:00-20:40 Th, Labovitz Schl Bus & Econ 225, In Person Term Based; Antoinette Pearson ; 3 cr.

4451 Management Inquiry

(A-F only; Prereq: 3401, 3801, approved LSBE candidate or approved non-LSBE Organizational Management minor or college consent)

63949 001 LEC, 15:00-16:15 MW, Labovitz Schl Bus & Econ 265, In Person Term Based; Jon Pierce ; 3 cr.

4463 Sustainability and Sustainable Management

(A-F or Audit; Prereq: 3401 and LSBE candidate or approved non-LSBE Organizational Management Minor or instructor consent; no grad credit)

64074 001 LEC, 10:00-10:50 MWF, Labovitz Schl Bus & Econ 225, In Person Term Based; Geoffrey Bell ; 3 cr.

4472 Entrepreneurship

(A-F only; Prereq: LSBE candidate or approved non-LSBE Organizational Management minor or college consent)

64088 001 LEC, 9:30-10:45 TTh, Labovitz Schl Bus & Econ 225, In Person Term Based; Raymond Jones ; 3 cr.

4481 Strategic Management

(A-F only; Prereq: 3401, 3801, Mktg 3701, FMIS 3301 or MGTS 3301, FMIS 3601, 90 credits, LSBE candidate or college consent; no grad credit)

63946 001 LEC, 12:00-12:50 MWF, Labovitz Schl Bus & Econ 233, In Person Term Based; Sanjay Goel ; 3 cr.

63947 002 LEC, 13:00-13:50 MWF, Labovitz Schl Bus & Econ 225, In Person Term Based; Geoffrey Bell ; 3 cr.

63948 003 LEC, 14:00-14:50 MWF, Labovitz Schl Bus & Econ 225, In Person Term Based; Geoffrey Bell ; 3 cr.

63977 004 LEC, 15:00-15:50 MWF, Labovitz Schl Bus & Econ 233, In Person Term Based; Sanjay Goel ; 3 cr.

65807 005 LEC, 9:30-10:45 TTh, Labovitz Schl Bus & Econ 233, In Person Term Based; Xin Liang ; 3 cr.

4851 Labor Relations

(A-F only; Prereq: 3801, LSBE candidate or college consent)

63981 001 LEC, 14:00-15:15 TTh, Labovitz Schl Bus & Econ 125, In Person Term Based; Lin Xiu ; 3 cr.

4881 Human Resource Issues and Trends

(A-F only; Prereq: 3801, LSBE candidate or college consent)

64115 001 LEC, 18:00-20:40 W, Labovitz Schl Bus & Econ 125, In Person Term Based; Stacy Johnston ; 3 cr.

4921 Entrepreneurial Finance

(A-F or Audit; Prereq: LSBE candidate, FMIS 3601, no grad credit)

64090 001 LEC, 12:30-13:45 TTh, Labovitz Schl Bus & Econ 265, In Person Term Based; Raymond Jones ; 3 cr.

4997 Entrepreneurial Internship

(A-F or Audit; Prereq: LSBE candidate, major coursework and consent of internship director; no grad credit)

64106 001 FWK, Independent/Directed Study; Angie Soderberg ; 1-6 cr.

Marketing (MKTG)

3701 Principles of Marketing

(A-F only; Prereq: LSBE candidate or non-LSBE Marketing minor or approved non-LSBE business administration minor or college consent)

63937 001 LEC, 8:00- 9:15 TTh, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 002 MKTG 3701; Ahmed Maamoun ; 3 cr.

63938 005 LEC, 14:00-14:50 MWF, Labovitz Schl Bus & Econ 125, In Person Term Based; Meets With: 006 MKTG 3701; John Kratz ; 3 cr.

63967 002 LEC, 8:00- 9:15 TTh, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 001 MKTG 3701; Ahmed Maamoun ; 3 cr.

63968 006 LEC, 14:00-14:50 MWF, Labovitz Schl Bus & Econ 125, In Person Term Based; Meets With: 005 MKTG 3701; John Kratz ; 3 cr.

64004 007 LEC, 15:00-15:50 MWF, Labovitz Schl Bus & Econ 125, In Person Term Based; Meets With: 008 MKTG 3701; John Kratz ; 3 cr.

64005 008 LEC, 15:00-15:50 MWF, Labovitz Schl Bus & Econ 125, In Person Term Based; Meets With: 007 MKTG 3701; John Kratz ; 3 cr.

64015 003 LEC, 9:30-10:45 TTh, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 004 MKTG 3701; Ahmed Maamoun ; 3 cr.

64016 004 LEC, 9:30-10:45 TTh, Labovitz Schl Bus & Econ 135, In Person Term Based; Meets With: 003 MKTG 3701; Ahmed Maamoun ; 3 cr.

3710 Green Marketing

(A-F or Audit; Prereq: 3701)

65797 001 LEC, 12:30-13:45 TTh, Labovitz Schl Bus & Econ 233, In Person Term Based; Ahmed Maamoun ; 3 cr.

3711 Marketing Research

(A-F only; Prereq: MgtS 3701 or Mktg 3701, LSBE candidate or Graphic Design and Marketing majors or Graphic Design with Marketing subplan major or non-LSBE Marketing Minor or college consent)

63941 001 LEC, 13:00-13:50 MWF, Labovitz Schl Bus & Econ 229, In Person Term Based; Timothy Reilly ; 3 cr.

63969 002 LEC, 15:00-15:50 MWF, Labovitz Schl Bus & Econ 229, In Person Term Based; Timothy Reilly ; 3 cr.

3731 Sales Analytics: An Introduction to Sales Analysis Techniques and Applications

(A-F or Audit;)
64108 001 DIS, 14:00-15:15 TTh, Labovitz Schl Bus & Econ 265, In Person Term Based; Sara Pitterle ; 3 cr.

3741 Fundamentals of Selling

(A-F only; Prereq: MgtS 3701 or Mktg 3701, LSBE candidate or Graphic Design and Marketing majors or Graphic Design with Marketing sub plan major or non-LSBE Marketing Minor or college consent)

63942 001 LEC, 11:00-11:50 MWF, Labovitz Schl Bus & Econ 233, In Person Term Based; John Kratz ; 3 cr.

3761 Marketing Analytic I: Introduction to Marketing Metrics and Fundamental Analytic Techniques

(A-F or Audit; Prereq: Marketing Analytics Major)
64059 001 LEC, 12:30-13:45 TTh, Labovitz Schl Bus & Econ 212, In Person Term Based; Sara Pitterle ; 3 cr.

3791 Independent Study

(A-F only; Prereq: department consent)
64038 001 IND, Independent/Directed Study; Rajiv Vaidyanathan ; 1-3 cr.

65791 002 IND, Independent/Directed Study; Marat Bakpayev ; 1-3 cr.

65792 003 IND, Independent/Directed Study; Stephen Castleberry ; 1-3 cr.

65793 004 IND, Independent/Directed Study; Sara Pitterle ; 1-3 cr.

65794 005 IND, Independent/Directed Study; Timothy Reilly ; 1-3 cr.

65795 006 IND, Independent/Directed Study; Linda Rochford ; 1-3 cr.

65796 007 IND, Independent/Directed Study; Nicole Wilde ; 1-3 cr.

3797 Marketing Internship

(A-F or Audit;)
64025 001 FWK, Independent/Directed Study; Angie Soderberg ; 1-6 cr.

4721 Advertising and Marketing Communications

(A-F only; Prereq: MgtS 3701 or Mktg 3701, LSBE candidate or Graphic Design and Marketing majors or Graphic Design with Marketing sub plan or non-LSBE Marketing Minor or college consent)

64007 001 LEC, 12:00-12:50 MWF, Labovitz Schl Bus & Econ 229, In Person Term Based; Marat Bakpayev ; 3 cr.

4731 Consumer Behavior

(A-F only; Prereq: MgtS 3701 or Mktg 3701, LSBE candidate or Graphic Design and Marketing majors or Graphic Design with Marketing sub plan major or non-LSBE Marketing Minor or college consent)

63940 001 LEC, 12:30-13:45 TTh, Labovitz Schl Bus & Econ 229, In Person Term Based; Rajiv Vaidyanathan ; 3 cr.

64012 002 LEC, 14:00-15:15 TTh, Labovitz Schl Bus & Econ 135, In Person Term Based; Rajiv Vaidyanathan ; 3 cr.

4742 Advanced Professional Selling

(A-F or Audit;)
67305 001 LEC, 12:30-13:45 TTh, Labovitz Schl Bus & Econ 165, In Person Term Based; Stephen Castleberry ; 3 cr.

4774 International Marketing

(A-F only; Prereq: MGTS 3701 or MKTG 3701, LSBE candidate or Graphic Design and Marketing majors or Graphic Design with Marketing sub plan or non-LSBE Marketing Minor or college consent; credit will not be granted if already received for 3781; no grad credit)

63980 001 LEC, 14:00-15:15 TTh, Labovitz Schl Bus & Econ 233, In Person Term Based; Nicole Wilde ; 3 cr.

64078 002 LEC, 15:30-16:45 TTh, Labovitz Schl Bus & Econ 233, In Person Term Based; Nicole Wilde ; 3 cr.

4781 Marketing Management and Strategy

(A-F only; Prereq: MgtS 3701 or Mktg 3701, MgtS 3711 or Mktg 3711, 1 other Marketing course, 90 credits, LSBE candidate or Graphic Design and Marketing majors or Graphic Design with Marketing sub plan major or grad or college consent)

63939 001 LEC, 8:00- 9:15 TTh, Labovitz Schl Bus & Econ 233, In Person Term Based; Linda Rochford ; 3 cr.

64002 002 LEC, 9:30-10:45 TTh, Labovitz Schl Bus & Econ 229, In Person Term Based; Linda Rochford ; 3 cr.

4795 Special Topics (Various Topics to be Assigned)

(A-F only; Prereq: LSBE cand or non-LSBE Marketing Minor or Graphic Design and Marketing majors, MKTG 3701 or concurrent registration, no grad cr)
65798 001 LEC, 18:00-20:40 Th, Labovitz Schl Bus & Econ 125, In Person Term Based; Nicole Wilde ; 3 cr.
65800 003 LEC, 9:00- 9:50 MWF, Labovitz Schl Bus & Econ 229, In Person Term Based; Marat Bakpayev ; 3 cr.
68297 004 LEC, 18:00-20:40 T, Sports and Health Center 39, In Person Term Based; Joshua Berlo ; 3 cr.

Master Tribal Admin Governance (MTAG)**5120 Principles of Tribal Sovereignty II**

(A-F or Audit; Prereq: 5110 or instructor consent)
62367 001 LEC, 8:30-11:30 Sa, Cina Hall 214, 8:30-11:30 Sa, Cina Hall 214, 8:30-11:30 Sa, Cina Hall 214, 8:30-11:30 Sa, Cina Hall 214, 8:30-11:30 Sa, Cina Hall 214, Partially Online; Tadd Johnson ; 3 cr.

5220 Administration and Governance II (Operations)

(A-F or Audit; Prereq: 5210 or instructor consent)
62368 001 LEC, 12:30-15:30 Sa, Kirby Plaza 385, 12:30-15:30 Sa, Kirby Plaza 385, 12:30-15:30 Sa, Kirby Plaza 385, 12:30-15:30 Sa, Kirby Plaza 385, 12:30-15:30 Sa, Kirby Plaza 385, Partially Online; Rebecca Webster ; 3 cr.

5240 Advanced Tribal Administration and Governance II (Project)

(A-F or Audit; Prereq: 5230 or instructor consent)
62383 001 LEC, 8:30-11:30 Sa, Kirby Plaza 385, 8:30-11:30 Sa, Kirby Plaza 385, 8:30-11:30 Sa, Kirby Plaza 385, 8:30-11:30 Sa, Kirby Plaza 385, 8:30-11:30 Sa, Kirby Plaza 385, Partially Online; Joseph Bauerkemper ; 3 cr.

5320 Applied Leadership and Ethics in an Indigenous Organizational Context

(A-F or Audit; Prereq: 5310 or instructor consent)
62369 001 LEC, 18:00-20:50 F, Cina Hall 214, 18:00-20:50 F, Cina Hall 214, 18:00-20:50 F, Cina Hall 214, 18:00-20:50 F, Cina Hall 214, 18:00-20:50 F, Cina Hall 214, Partially Online; Brian McInnes ; 3 cr.

5440 Tribal Finance, Accounting and Budgets II

(A-F or Audit; Prereq: 5430 or instructor consent)
62382 001 LEC, 18:00-20:50 F, Kirby Plaza 385, 18:00-20:50 F, Kirby Plaza 385, 18:00-20:50 F, Kirby Plaza 385, 18:00-20:50 F, Kirby Plaza 385, 18:00-20:50 F, Kirby Plaza 385, Partially Online; Kimberly Greiner ; 3 cr.

5540 Federal Indian Law II

(A-F or Audit; Prereq: 5530 or instructor consent)
62384 001 LEC, 12:30-15:30 Sa, Cina Hall 214, 12:30-15:30 Sa, Cina Hall 214, 12:30-15:30 Sa, Cina Hall 214, 12:30-15:30 Sa, Cina Hall 214, 12:30-15:30 Sa, Cina Hall 214, Partially Online; Tadd Johnson ; 3 cr.

Master of Business Admin (MBA)**8111 Business Ethics**

(A-F or Audit; Prereq: MBA student or college consent)
64110 800 LEC, 15:00-21:00 F, Room TBA, 8:00-12:30 Sa, Room TBA, 15:00-21:00 F, Room TBA, 8:00-12:30 Sa, Room TBA, 15:00-21:00 F, Room TBA, 8:00-12:30 Sa, Room TBA, In Person Term Based; Stephen Castleberry ; 2 cr.

8411 Strategic Management

(A-F or Audit; Prereq: 8311, 8501, 8611, 8711, 8811, MBA student or college consent)
64071 001 LEC, 18:00-20:40 W, Labovitz Schl Bus & Econ 265, In Person Term Based; Sanjay Goel ; 3 cr.

8611 Financial Management and Decision Making

(A-F or Audit; Prereq: FMIS 3601 or BUS 2600 or PMBA 2600 or equivalent, MBA student or college consent)
66763 001 LEC, 18:00-20:40 M, Labovitz Schl Bus & Econ 229, In Person Term Based; Jason Turkiela ; 3 cr.
66765 800 LEC, 15:00-21:00 F, Room TBA, 8:00-12:30 Sa, Room TBA, 15:00-21:00 F, Room TBA, 8:00-12:30 Sa, Room TBA, 15:00-21:00 F, Room TBA, 8:00-12:30 Sa, Room TBA, 15:00-21:00 F, Room TBA, 8:00-12:30 Sa, Room TBA, In Person Term Based; Jason Turkiela ; 3 cr.

8811 Human Resource Challenges

(A-F or Audit; Prereq: MGTS 3401 or BUS 2400 or PMBA 2400 or equivalent and MBA student or college consent)
66764 001 LEC, 18:00-20:40 T, Labovitz Schl Bus & Econ 265, In Person Term Based; Lin Xiu ; 2 cr.

8994 Directed Research

(A-F or Audit; Prereq: MBA student, college consent)
64033 001 IND, Independent/Directed Study; Alan Roline ; 1-6 cr.

Master of Liberal Studies (MLS)**8501 Seminar: Community Engagement**

(A-F or Audit; Prereq: graduate student and instructor consent)
65787 001 DIS, 16:30-19:20 T, Humanities Building 484, 16:30-19:20 T, Humanities Building 484, 16:30-19:20 T, Humanities Building 484, 16:30-19:20 T, Humanities Building 484, 16:30-19:20 T, Humanities Building 484, 16:30-19:20 T, Humanities Building 484, Partially Online; Olaf Kuhke ; 4 cr.

8591 Directed Study

(A-F or Audit; Prereq: MLS candidate or department consent)
62425 001 IND, Independent/Directed Study; David Beard ; 1-8 cr.
62525 002 IND, 00:00-00:00 , Independent/Directed Study; ; 1-8 cr.

Mathematics (MATH)**103 Basic Mathematics and Introductory Algebra**

(S-N or Audit; Prereq: [3 cr equiv]; cannot apply cr toward a degree, (the preparatory course fee is equal to 3 credits of resident tuition)
63428 001 LEC, 13:00-13:50 MF, Kathryn A Martin Library 206, In Person Term Based; Deepali Gupta ; 0 cr.
70211 002 DIS, 10:00-10:50 MF, Kathryn A Martin Library 206, In Person Term Based; Shahriyar Roshan Zamir ; 0 cr.

1005 College Algebra

(A-F or Audit; Prereq: Math ACT 21 or higher or MATH 0103 or department consent)
62968 001 LEC, 9:00- 9:50 W, Kathryn A Martin Library 206, In Person Term Based; Eugenie Ngandjeu Nya ; 5 cr.
62969 002 LEC, 10:00-10:50 W, Kathryn A Martin Library 206, In Person Term Based; Yizeng Li ; 5 cr.
63553 003 LEC, 11:00-11:50 W, Kathryn A Martin Library 206, In Person Term Based; Eugenie Ngandjeu Nya ; 5 cr.

1007 Algebra Review

(S-N or Audit; Prereq: Must be taken after or concurrently with MATH 1160 or 1250 or 1290 or 1296, a grade of C- or better in is required in all prerequisite courses)
63554 001 IND, In Person Term Based; Kate Niedzielski ; 1 cr.

1024 Introduction to Contemporary Mathematics

(A-F or Audit; Prereq: Math ACT 18 or higher or SSP 0103 or department consent, a grade of C- or better in is required in all prerequisite courses LOGIC & QR)
62993 001 LEC, 8:00- 8:50 MWF, Montague Hall 203, In Person Term Based; Rachel Breckenridge ; 3 cr.

1142 Mathematics for Elementary Education II

(A-F or Audit; Prereq: 1140)
63448 001 LEC, 9:00- 9:50 MWF, Chemistry Building 150, In Person Term Based; Carmen Latterell ; 3 cr.

1160 Finite Mathematics and Introduction to Calculus

(A-F or Audit; Prereq: Math ACT 24 or higher or a grade of at least C- in Math 1005 or department consent; if you have received credit for 1290 or 1296 or 1596, you will not receive credit for Math 1160. LOGIC & QR)
62726 001 LEC, 8:00- 8:50 MWF, Life Sciences Bldg 185, In Person Term Based; Aaron Shepanik ; 5 cr.
62727 002 DIS, 8:00- 8:50 TTh, Ed Endazhigikino'amaading 50, In Person Term Based; Aaron Shepanik ; 5 cr.
62729 004 DIS, 10:00-10:50 TTh, James I Swenson Sci Bldg 115, In Person Term Based; Aaron Shepanik ; 5 cr.

62730 005 DIS, 11:00-11:50 TTh, Kirby Plaza 385, In Person Term Based; Aaron Shepanik ; 5 cr.
62732 007 DIS, 13:00-13:50 TTh, Ed Endazhigikino'amaading 17, In Person Term Based; Aaron Shepanik ; 5 cr.
62733 008 LEC, 9:00- 9:50 MWF, Life Sciences Bldg 185, In Person Term Based; Aaron Shepanik ; 5 cr.
62734 009 DIS, 8:00- 8:50 TTh, Ed Endazhigikino'amaading 51, In Person Term Based; Aaron Shepanik ; 5 cr.
62735 010 DIS, 9:00- 9:50 TTh, Heller Hall 216, In Person Term Based; Aaron Shepanik ; 5 cr.
62736 011 DIS, 10:00-10:50 TTh, Sports and Health Center 210, In Person Term Based; Aaron Shepanik ; 5 cr.
62737 012 DIS, 14:00-14:50 TTh, M W Alworth Hall 191, In Person Term Based; Aaron Shepanik ; 5 cr.
62738 013 DIS, 15:00-15:50 TTh, A B Anderson Hall 435, In Person Term Based; Aaron Shepanik ; 5 cr.
62739 014 DIS, 16:00-16:50 TTh, Ed Endazhigikino'amaading 36, In Person Term Based; Aaron Shepanik ; 5 cr.
66886 015 LEC, 11:00-11:50 MWF, Life Sciences Bldg 185, In Person Term Based; 5 cr.
66888 016 DIS, In Person Term Based; 5 cr.

1250 Precalculus Analysis

(A-F or Audit; Prereq: Math ACT 24 or higher or a grade of at least C- in Math 1005 or department consent LOGIC & QR)
62740 001 LEC, 9:00- 9:50 TTh, Kathryn A Martin Library 206, In Person Term Based; Kate Niedzielski ; 4 cr.
62741 002 LEC, 10:00-10:50 TTh, Kathryn A Martin Library 206, In Person Term Based; Kate Niedzielski ; 4 cr.
62742 003 LEC, 11:00-11:50 TTh, Kathryn A Martin Library 206, In Person Term Based; Eugenie Ngandjeu Nya ; 4 cr.

1290 Calculus for the Natural Sciences

(A-F or Audit; Prereq: Math ACT 27 or higher or a grade of at least C- in Math 1250 or department consent LOGIC & QR)
62745 001 LEC, 10:00-10:50 MWThF, Ed Endazhigikino'amaading 40, In Person Term Based; Angela Sharp ; 5 cr.
62746 002 LAB, 10:00-10:50 T, Kirby Plaza 143, In Person Term Based; Angela Sharp ; 5 cr.

1296 Calculus I

(A-F or Audit; Prereq: Math ACT 27 or higher or a grade of at least C- in Math 1250 or department consent LOGIC & QR)
62754 008 LEC, 12:00-12:50 MWF, Life Sciences Bldg 185, In Person Term Based; Kate Niedzielski ; 5 cr.
62755 009 DIS, 11:00-11:50 TTh, James I Swenson Sci Bldg 216, In Person Term Based; 5 cr.
62756 010 DIS, 12:00-12:50 TTh, Ed Endazhigikino'amaading 36, In Person Term Based; Kate Niedzielski ; 5 cr.
62757 011 DIS, 13:00-13:50 TTh, Ed Endazhigikino'amaading 51, In Person Term Based; Kate Niedzielski ; 5 cr.
62758 012 DIS, 14:00-14:50 TTh, Sports and Health Center 207, In Person Term Based; Kate Niedzielski ; 5 cr.
62759 013 DIS, 15:00-15:50 TTh, M W Alworth Hall 191, In Person Term Based; Kate Niedzielski ; 5 cr.
62760 014 DIS, 16:00-16:50 TTh, Ed Endazhigikino'amaading 20, In Person Term Based; Kate Niedzielski ; 5 cr.
63303 015 LEC, 11:00-11:50 MWF, Ed Endazhigikino'amaading 36, In Person Term Based; Tom Sjoberg ; 5 cr.
63304 016 DIS, 11:00-11:50 TTh, Ed Endazhigikino'amaading 36, In Person Term Based; Tom Sjoberg ; 5 cr.
63844 017 LEC, 13:00-13:50 MWF, Ed Endazhigikino'amaading 36, In Person Term Based; Tom Sjoberg ; 5 cr.
63845 018 DIS, 13:00-13:50 TTh, Ed Endazhigikino'amaading 16, In Person Term Based; Tom Sjoberg ; 5 cr.

1297 Calculus II

(A-F or Audit; Prereq: A grade of at least C- in 1290 or 1296 or 1596 LOGIC & QR)
62761 001 LEC, 12:00-12:50 MWF, M W Alworth Hall 195, In Person Term Based; Angela Sharp ; 5 cr.
62762 002 DIS, 11:00-11:50 TTh, Cina Hall 214, In Person Term Based; Angela Sharp ; 5 cr.
63668 003 DIS, 12:00-12:50 TTh, Ed Endazhigikino'amaading 50, In Person Term Based; Angela Sharp ; 5 cr.
63669 004 DIS, 13:00-13:50 TTh, Ed Endazhigikino'amaading 40, In Person Term Based; Angela Sharp ; 5 cr.
63670 005 DIS, 14:00-14:50 TTh, Humanities Building 480, In Person Term Based; Angela Sharp ; 5 cr.

63671 006 DIS, 15:00-15:50 TTh, James I Swenson Sci Bldg 115, In Person Term Based; Angela Sharp ; 5 cr.
 63672 007 DIS, 16:00-16:50 TTh, Solon Campus Center 21, In Person Term Based; Angela Sharp ; 5 cr.
 63673 008 LEC, 13:00-13:50 MWF, Montague Hall 80, In Person Term Based; Chad Pierson ; 5 cr.
 63674 009 DIS, 9:00- 9:50 TTh, Chemistry Building 251, In Person Term Based; Chad Pierson ; 5 cr.
 63675 010 DIS, 10:00-10:50 TTh, Chemistry Building 251, In Person Term Based; Chad Pierson ; 5 cr.
 63676 011 DIS, 11:00-11:50 TTh, Ed Endazhi-gikino'amaading 32, In Person Term Based; Chad Pierson ; 5 cr.
 63677 012 DIS, 12:00-12:50 TTh, Ed Endazhi-gikino'amaading 51, In Person Term Based; Chad Pierson ; 5 cr.
 63678 013 DIS, 14:00-14:50 TTh, Chemistry Building 155, In Person Term Based; Chad Pierson ; 5 cr.
 63679 014 DIS, 15:00-15:50 TTh, Solon Campus Center 21, In Person Term Based; Chad Pierson ; 5 cr.
 63680 015 LEC, 9:00- 9:50 MWF, Chemistry Building 155, In Person Term Based; Angela Sharp ; 5 cr.
 63681 016 DIS, 9:00- 9:50 TTh, Ed Endazhi-gikino'amaading 36, In Person Term Based; Angela Sharp ; 5 cr.
 63846 017 LEC, 10:00-10:50 MWF, Labovitz Schl Bus & Econ 265, In Person Term Based; Tom Sjoberg ; 5 cr.
 63847 018 DIS, 10:00-10:50 TTh, Bohannon Hall 104, In Person Term Based; Tom Sjoberg ; 5 cr.

3091 Independent Study

(A-F or Audit; Prereq: department consent)
 62863 001 IND, Independent/Directed Study; ; 1-3 cr.
 62864 002 IND, Independent/Directed Study; ; 1-3 cr.
 62865 003 IND, Independent/Directed Study; ; 1-3 cr.
 62866 004 IND, Independent/Directed Study; ; 1-3 cr.
 62870 008 IND, Independent/Directed Study; 1-3 cr.

3097 Internship

(S-N or Audit; Prereq: Math major, department consent)
 62876 002 FWK, Independent/Directed Study; ; 1-3 cr.
 62877 003 FWK, Independent/Directed Study; ; 1-3 cr.
 62881 007 FWK, Independent/Directed Study; 1-3 cr.
 62887 013 FWK, Independent/Directed Study; 1-3 cr.
 62928 001 FWK, Independent/Directed Study; ; 1-3 cr.

3101 Mathematical Theory of Interest

(A-F or Audit;)
 63148 001 LEC, 11:00-11:50 MWF, Humanities Building 480, In Person Term Based; Aaron Shepanik ; 3 cr.

3110 Foundations of Mathematics and Geometry

(A-F or Audit; Prereq: 1290, or 1296 or 1596, teaching math major, a grade of C- or better in is required in all prerequisite courses)
 62763 001 LEC, 8:00- 8:50 MTWTh, Ed Endazhi-gikino'amaading 32, In Person Term Based; Carmen Latterell ; 4 cr.

3120 Mathematics Tutorial Project

(S-N or Audit; Prereq: 1290 or 1296 or 1596, SSP 3003, instructor consent, a grade of C- or better in is required in all prerequisite courses)
 62764 001 FWK, 00:00-00:00 , , Independent/Directed Study; Carmen Latterell ; 1-2 cr.

3280 Differential Equations with Linear Algebra

(A-F or Audit; Prereq: A grade of at least C- in 1297 or 1597)
 62765 001 LEC, 8:00- 8:50 MWThF, Ed Endazhi-gikino'amaading 20, In Person Term Based; Kristine Snyder ; 4 cr.
 62766 002 LAB, 8:00- 8:50 T, Montague Hall 209, In Person Term Based; Kristine Snyder ; 4 cr.
 62767 003 LEC, 9:00- 9:50 MWThF, Ed Endazhi-gikino'amaading 20, In Person Term Based; Richard Buckalew ; 4 cr.
 62768 004 LAB, 9:00- 9:50 T, Montague Hall 209, In Person Term Based; Richard Buckalew ; 4 cr.
 62769 005 LEC, 10:00-10:50 MWThF, Ed Endazhi-gikino'amaading 50, In Person Term Based; Bruce Peckham ; 4 cr.
 62770 006 LAB, 10:00-10:50 T, Montague Hall 209, In Person Term Based; Bruce Peckham ; 4 cr.
 62979 007 LEC, 11:00-11:50 MWThF, Ed Endazhi-gikino'amaading 50, In Person Term Based; Kristine Snyder ; 4 cr.
 62980 008 LAB, 11:00-11:50 T, Montague Hall 209, In Person Term Based; Kristine Snyder ; 4 cr.
 63262 009 LEC, 13:00-13:50 MWThF, Ed Endazhi-gikino'amaading 50, In Person Term Based; Marshall Hampton ; 4 cr.

63263 010 LAB, 13:00-13:50 T, Montague Hall 209, In Person Term Based; Marshall Hampton ; 4 cr.
 63544 011 LEC, 14:00-14:50 MWThF, Solon Campus Center 21, In Person Term Based; Diana Colt ; 4 cr.
 63545 012 LAB, 14:00-14:50 T, Montague Hall 209, In Person Term Based; Diana Colt ; 4 cr.
 63548 013 LEC, 15:00-15:50 MWThF, Ed Endazhi-gikino'amaading 20, In Person Term Based; Steven Trogdon ; 4 cr.
 63549 014 LAB, 15:00-15:50 T, Montague Hall 209, In Person Term Based; Steven Trogdon ; 4 cr.

3298 Calculus III

(A-F or Audit; Prereq: A grade of at least C- in 1297 or 1597)
 62771 001 LEC, 8:00- 8:50 MTWTh, Solon Campus Center 21, In Person Term Based; Zhuangyi Liu ; 4 cr.
 62772 002 LAB, 8:00- 8:50 Th, Montague Hall 209, In Person Term Based; Zhuangyi Liu ; 4 cr.
 62773 003 LEC, 9:00- 9:50 MTWTh, Ed Endazhi-gikino'amaading 50, In Person Term Based; Chad Pierson ; 4 cr.
 62774 004 LAB, 9:00- 9:50 Th, Montague Hall 209, In Person Term Based; Chad Pierson ; 4 cr.
 63170 005 LEC, 10:00-10:50 MTWTh, Ed Endazhi-gikino'amaading 36, In Person Term Based; Chad Pierson ; 4 cr.
 63171 006 LAB, 10:00-10:50 Th, Montague Hall 209, In Person Term Based; Chad Pierson ; 4 cr.
 63264 007 LEC, 11:00-11:50 MTWTh, Ed Endazhi-gikino'amaading 40, In Person Term Based; Rachel Breckenridge ; 4 cr.
 63265 008 LAB, 11:00-11:50 Th, Montague Hall 209, In Person Term Based; Rachel Breckenridge ; 4 cr.
 63449 009 LEC, 12:00-12:50 MTWTh, Solon Campus Center 21, In Person Term Based; Rachel Breckenridge ; 4 cr.
 63450 010 LAB, 12:00-12:50 Th, Montague Hall 209, In Person Term Based; Rachel Breckenridge ; 4 cr.
 63546 011 LEC, 13:00-13:50 MTWTh, Solon Campus Center 21, In Person Term Based; Eric Erdmann ; 4 cr.
 63547 012 LAB, 13:00-13:50 Th, Montague Hall 209, In Person Term Based; Eric Erdmann ; 4 cr.
 63550 013 LEC, 14:00-14:50 MTWTh, Swenson Civil Engineering 265, In Person Term Based; Eric Erdmann ; 4 cr.
 63551 014 LAB, 14:00-14:50 Th, Montague Hall 209, In Person Term Based; Eric Erdmann ; 4 cr.

3326 Vectors and Matrices

(A-F or Audit; Prereq: 1296 with a grade of C- or better)
 63515 001 LEC, 9:00- 9:50 MWF, Kirby Plaza 312, In Person Term Based; Eric Erdmann ; 3 cr.

3355 Discrete Mathematics

(A-F or Audit; Prereq: 1297 or 1597 or instructor consent, a grade of C- or better in is required in all prerequisite courses)
 62776 001 LEC, 11:00-11:50 MWThF, Ed Endazhi-gikino'amaading 20, In Person Term Based; Tracy Bibelnieks ; 4 cr.
 63454 002 LEC, 15:00-15:50 MTWTh, Engineering Building 290, In Person Term Based; Dalibor Froncek ; 4 cr.

3810 Applied Mathematics: Numerical Methods

(A-F or Audit; Prereq: previous or concurrent registration in 3280)
 63372 001 LEC, 10:00-10:50 MWF, Cina Hall 308, In Person Term Based; Steven Trogdon ; 4 cr.
 63373 002 LAB, 10:00-10:50 T, Engineering Building 204, In Person Term Based; 4 cr.

3941 Undergraduate Colloquium

(S-N or Audit; Prereq: Math major or minor, department consent; must register during semester of 16th point)
 62777 001 LEC, 15:00-16:50 Th, Solon Campus Center 120, In Person Term Based; Joseph Gallian ; 1 cr.

4180 Solving Industrial Mathematics Research Problems

(A-F or Audit;)
 63660 001 LEC, 9:00-10:15 TTh, Solon Campus Center 130, In Person Term Based; Tracy Bibelnieks ; 3 cr.

4201 Elementary Real Analysis

(A-F or Audit; Prereq: 3280, 3355, a grade of C- or better in is required in all prerequisite courses, no grad credit; credit will not be granted if already received for 3299)
 62775 001 LEC, 10:00-10:50 MWThF, Solon Campus Center 21, In Person Term Based; Guihua Fei ; 4 cr.

4230 Applied Mathematics: Complex Variables

(A-F or Audit; Prereq: 3280 with a grade of C- or better)
 63173 001 LEC, 9:00- 9:50 MWF, Heller Hall 216, In Person Term Based; Guihua Fei ; 3 cr.

4326 Linear Algebra

(A-F or Audit; Prereq: A grade of at least C- in 3280, 3355, no grad credit)
 62958 001 LEC, 14:00-14:50 MWF, James I Swenson Sci Bldg 115, In Person Term Based; Joseph Gallian ; 3 cr.

5202 Applied Functional Analysis

(A-F or Audit;)
 68146 001 LEC, 9:00- 9:50 MWF, Chemistry Building 251, In Person Term Based; Zhuangyi Liu ; 3 cr.

5233 Mathematical Foundations of Bioinformatics

(A-F or Audit; Prereq: MATH 3355, CS 1xxx or above, STAT 3411 or 3611)
 63174 001 LEC, 3:00- 3:50 M, Kirby Plaza 143, 15:00-15:50 WF, Ed Endazhi-gikino'amaading 36, In Person Term Based; Marshall Hampton ; 3 cr.

5270 Modeling with Dynamical Systems

(Student Option; Prereq: 3280 with a grade of C- or better)
 66894 001 LEC, 12:00-12:50 MWF, Ed Endazhi-gikino'amaading 50, In Person Term Based; Richard Buckalew ; 3 cr.

5327 Advanced Linear Algebra

(A-F or Audit; Prereq: Graduate student or instructor consent)
 62959 001 LEC, 14:00-14:50 MWF, Ed Endazhi-gikino'amaading 32, In Person Term Based; John Greene ; 3 cr.

5330 Theory of Numbers

(A-F or Audit; Prereq: 3355 with a grade of C- or better or instructor consent)
 66895 001 LEC, 15:00-15:50 MWF, Ed Endazhi-gikino'amaading 40, In Person Term Based; John Greene ; 3 cr.

5365 Graph Theory

(A-F or Audit; Prereq: 3355 with a grade of C- or better or instructor consent)
 63266 001 LEC, 16:00-17:15 MW, Ed Endazhi-gikino'amaading 50, In Person Term Based; Dalibor Froncek ; 3 cr.

5991 Independent Study

(A-F or Audit; Prereq: department consent; Maximum 6 credits to a grad program.)
 62888 001 IND, Independent/Directed Study; ; 1-4 cr.
 62889 002 IND, Independent/Directed Study; ; 1-4 cr.
 62890 003 IND, Independent/Directed Study; ; 1-4 cr.
 62891 004 IND, Independent/Directed Study; 1-4 cr.
 62892 005 IND, Independent/Directed Study; 1-4 cr.
 63635 018 IND, Independent/Directed Study; 1-4 cr.
 63636 019 IND, Independent/Directed Study; 1-4 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
 62687 001 IND, Independent/Directed Study; Zhuangyi Liu ; 1 cr.

8774 Plan B Final Project Research

(A-F or Audit;)
 67521 001 IND, Independent/Directed Study; Tracy Bibelnieks ; 1-3 cr.
 67522 002 IND, Independent/Directed Study; Richard Buckalew ; 1-3 cr.
 67523 003 IND, Independent/Directed Study; Thierry Chekouo Tekougang ; 1-3 cr.
 67524 004 IND, Independent/Directed Study; Guihua Fei ; 1-3 cr.
 67525 005 IND, Independent/Directed Study; Dalibor Froncek ; 1-3 cr.
 67526 006 IND, Independent/Directed Study; Joseph Gallian ; 1-3 cr.
 67527 007 IND, Independent/Directed Study; Richard Green ; 1-3 cr.
 67528 008 IND, Independent/Directed Study; John Greene ; 1-3 cr.
 67529 009 IND, Independent/Directed Study; Marshall Hampton ; 1-3 cr.
 67530 010 IND, Independent/Directed Study; Bethany Kubik ; 1-3 cr.
 67531 011 IND, Independent/Directed Study; Carmen Latterell ; 1-3 cr.
 67532 012 IND, Independent/Directed Study; Xuan Li ; 1-3 cr.
 67533 013 IND, Independent/Directed Study; Yang Li ; 1-3 cr.

67534 014 IND, Independent/Directed Study; Zhuangyi Liu ; 1-3 cr.
 67535 015 IND, Independent/Directed Study; Juming Pan ; 1-3 cr.
 67536 016 IND, Independent/Directed Study; Bruce Peckham ; 1-3 cr.
 67537 017 IND, Independent/Directed Study; Yongcheng Qi ; 1-3 cr.
 67538 018 IND, Independent/Directed Study; Kristine Snyder ; 1-3 cr.
 67539 019 IND, Independent/Directed Study; Steven Trogdon ; 1-3 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Maximum 18 credits per semester or summer; 10 credits total required (Plan A only))

62943 001 IND, Independent/Directed Study; 1-18 cr.
 63005 002 IND, Independent/Directed Study; John Greene ; 1-18 cr.
 63006 003 IND, Independent/Directed Study; 1-18 cr.

8994 Directed Research

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

62901 001 IND, Independent/Directed Study; 1-4 cr.
 62902 002 IND, Independent/Directed Study; 1-4 cr.
 62903 003 IND, Independent/Directed Study; 1-4 cr.

Mechanical Engineering (ME)**2105 Introduction to Material Science for Engineers**

(A-F or Audit; Prereq: Chem 1151 or 1153 and 1154; credit will not be granted if previously given for Engr 2110 or IE 2105.)

63184 001 LEC, 15:00-15:50 MWF, Engineering Building 177, In Person Term Based; Abigail Clarke-Sather ; 3 cr.
 63185 002 LEC, 9:00- 9:50 MWF, Engineering Building 290, In Person Term Based; Jake Dryke ; 3 cr.

2211 Thermodynamics

(A-F or Audit; Prereq: PHYS 2013; credit will not be granted if already received for ME 3211/SUSTAIN)

63367 002 LEC, 18:00-19:15 MW, Engineering Building 290, In Person Term Based; Brett Ballavance ; 3 cr.
 63526 001 LEC, 8:00- 8:50 MWF, Solon Campus Center 120, In Person Term Based; Brian Kohn ; 3 cr.

2226 Dynamics

(A-F or Audit; Prereq: CE 2017 and Math 3280 (concurrent registration allowed))

63297 001 LEC, 10:00-10:50 MWF, Engineering Building 290, In Person Term Based; Hossain Khorroosi ; 3 cr.
 63298 002 LEC, 15:00-15:50 MWF, Labovitz Schl Bus & Econ 118, In Person Term Based; Hossain Khorroosi ; 3 cr.

3111 Fluid Mechanics

(A-F or Audit; Prereq: Engr 2026 or ME 2226, ME 2211 or 3211, BSME candidate or instructor consent; credit will not be granted if already received for ChE 3111 or CE 3221)

63061 001 LEC, 10:00-10:50 MWF, Montague Hall 70, In Person Term Based; Puttagounder Dhanasekaran Swaminathan ; 3 cr.
 63721 002 LEC, 10:00-11:15 TTh, Voss-Kovach Hall 115, In Person Term Based; Alison Hoxie ; 3 cr.

3140 System Dynamics and Control

(A-F or Audit; Prereq: CS 1121 or 1411 or 1511 or 2121, EE 2006, Math 3280, BSME or BSEP candidate or instructor consent)

63062 001 LEC, 16:00-17:15 M, Engineering Building 204, 16:00-17:15 MW, Engineering Building 290, In Person Term Based; Subramanian Ramakrishnan ; 3 cr.

3222 Controls and Kinematics Laboratory

(A-F only; Prereq: 3140 with a grade of C- or better and 3230 (concurrent registration allowed))

63123 001 LEC, 12:00-12:50 M, Montague Hall 80, In Person Term Based; Debao Zhou, Michael Pluimer ; 2 cr.
 63124 002 LEC, 10:00-11:50 Th, Voss-Kovach Hall 106, In Person Term Based; Michael Pluimer ; 2 cr.
 63125 003 LEC, 13:00-14:50 Th, Voss-Kovach Hall 106, In Person Term Based; Michael Pluimer ; 2 cr.
 63126 005 LEC, 11:00-12:50 T, Voss-Kovach Hall 106, In Person Term Based; Debao Zhou ; 2 cr.
 63127 006 LEC, 13:00-14:50 T, Voss-Kovach Hall 106, In Person Term Based; Debao Zhou ; 2 cr.

3230 Kinematics and Mechatronics

(A-F only; Prereq: 3140, Math 3298)

63128 001 LEC, 8:00- 8:50 MWF, Engineering Building 204, In Person Term Based; Tarek Al-Geddawy ; 3 cr.

4112 Heat and Mass Transfer

(A-F or Audit; Prereq: 3111, Math 3298, BSME or BSChE candidate or instructor consent)

63053 001 LEC, 13:00-13:50 MWF, Voss-Kovach Hall 221, In Person Term Based; Nesrin Ozalp ; 3 cr.
 63722 002 LEC, 10:00-10:50 MWF, Montague Hall 203, In Person Term Based; Nesrin Ozalp ; 3 cr.

4122 Heat Transfer, Thermodynamics and Fluid Mechanics Laboratory

(A-F or Audit; Prereq: Must be taken after or concurrently with ME 4112 or ChE 3112 or instructor consent, BSME candidate)

63031 002 LAB, 8:00- 9:50 T, Voss-Kovach Hall 168, In Person Term Based; Danielle Werner ; 2 cr.
 63032 001 LEC, 15:00-15:50 M, Humanities Building 314, In Person Term Based; Danielle Werner ; 2 cr.
 63049 003 LAB, 13:00-14:50 T, Voss-Kovach Hall 168, In Person Term Based; Danielle Werner ; 2 cr.
 63186 005 LAB, 11:00-12:50 T, Voss-Kovach Hall 168, In Person Term Based; Danielle Werner ; 2 cr.
 63187 006 LAB, 8:00- 9:50 Th, Voss-Kovach Hall 168, In Person Term Based; Danielle Werner ; 2 cr.
 69981 007 LEC, 14:00-14:50 M, Engineering Building 118, In Person Term Based; Danielle Werner ; 2 cr.
 69982 008 LAB, 13:00-14:50 Th, Voss-Kovach Hall 168, In Person Term Based; Danielle Werner ; 2 cr.

4135 Robotics and Controls

(A-F or Audit; Prereq: ME 3140, 3230, ENGR 2026 or ME 2226, BSME or BSIE or BSEP candidate or instructor consent)

66793 001 LEC, 15:00-15:50 MWF, Voss-Kovach Hall 115, In Person Term Based; Scott Norr ; 3 cr.

4145 CAD/CAM

(A-F or Audit; Prereq: IE 1225 or Engr 1222, Engr 2016 or CE 2017, BSME or BSEP candidate, or instructor consent; credit will not be granted if already received for IE 4145)

62835 001 LEC, 11:00-11:50 MWF, Solon Campus Center 120, In Person Term Based; Puttagounder Dhanasekaran Swaminathan ; 4 cr.
 62836 002 LAB, 8:00- 9:50 T, Engineering Building 204, In Person Term Based; Puttagounder Dhanasekaran Swaminathan ; 4 cr.
 62837 003 LAB, 11:00-12:50 T, Engineering Building 204, In Person Term Based; Puttagounder Dhanasekaran Swaminathan ; 4 cr.

4175 Machine Design

(A-F or Audit; Prereq: Engr 2016 or CE 2017 and ME 2105, BSME or BSEP candidate or instructor consent; credit will not be granted if already received for IE 4175)

63054 001 LEC, 11:00-11:50 MWF, Engineering Building 290, In Person Term Based; Michael Greminger ; 3 cr.
 63723 002 LEC, 9:00- 9:50 MWF, Montague Hall 203, In Person Term Based; Jong Beom Lee ; 3 cr.

4196 Cooperative Education I

(A-F or Audit; Prereq: BSME candidate, instructor consent, no grad credit)

63033 001 FWK, 00:00-00:00 , , Independent/Directed Study; Daniel Pope ; 1 cr.

4197 Mechanical Engineering Internship

(A-F or Audit;)

66794 001 IND, In Person Term Based; Daniel Pope ; 1 cr.

4255 Multidisciplinary Senior Design

(A-F or Audit; Prereq: EMGT4110 and [(ME4112 & ME3230) or (ME4112 & ME4175) or (ME3230 & ME4175)] or instructor consent, no grad credit)

62987 001 LEC, 15:00-16:50 T, Solon Campus Center 120, In Person Term Based; Meets With: 001 IE 4255003 ME 4255; Jose Carrillo, Jong Beom Lee ; 4 cr.
 62988 002 LAB, 13:00-16:50 Th, Engineering Building 260, 13:00-16:50 Th, Voss-Kovach Hall 115, In Person Term Based; Meets With: 002 IE 4255; Jose Carrillo, Jong Beom Lee ; 4 cr.
 63528 004 LAB, 8:00-11:50 Th, Engineering Building 260, In Person Term Based; Meets With: 003 IE 4255; Jose Carrillo, Jong Beom Lee ; 4 cr.
 63530 003 LEC, 15:00-16:50 T, Solon Campus Center 120, In Person Term Based; Meets With: 001 IE 4255001 ME 4255; Jose Carrillo, Jong Beom Lee ; 4 cr.

4296 Cooperative Education II

(A-F or Audit; Prereq: 4196 or IE 4196; no grad credit)

63445 001 FWK, 00:00-00:00 , , Independent/Directed Study; Daniel Pope ; 2 cr.

4297 Mechanical Engineering Internship

(A-F or Audit;)

66790 001 IND, In Person Term Based; Daniel Pope ; 2 cr.

4375 Pipeline Engineering

(A-F or Audit; Prereq: ME 3111 or ChE 3111 or CE 3221)

63500 001 LEC, 18:00-20:40 M, Engineering Building 280, In Person Term Based; Kristopher Spenningsby ; 3 cr.

4491 Independent Study in Mechanical Engineering

(Student Option; Prereq: Senior standing in engineering discipline, instructor consent)

63021 001 IND, 00:00-00:00 , , Independent/Directed Study; Alison Hoxie ; 1-4 cr.
 63535 002 IND, 00:00-00:00 , , Independent/Directed Study; Abigail Clarke-Sather ; 1-4 cr.
 63536 003 IND, 00:00-00:00 , , Independent/Directed Study; Michael Greminger ; 1-4 cr.
 69750 004 IND, Independent/Directed Study; Brian Hinderliter ; 1-4 cr.

4495 Special Topics: (Various Titles to be Assigned)

(A-F or Audit; Prereq: BSME candidate or instructor consent, no grad credit)

69328 001 LEC, 12:00-12:50 F, Darland Admin Bldg 16A, In Person Term Based; Bryan Graddy ; 1-4 cr.
 69329 002 LEC, 10:00-10:50 MWF, Labovitz Schl Bus & Econ 233, In Person Term Based; Venkata Gireesh Menta, Robert Carlson ; 1-4 cr.

5220 Advanced Mechanics of Materials

(A-F or Audit;)

66873 001 LEC, 11:00-11:50 MWF, Sports and Health Center 207, In Person Term Based; Brian Hinderliter ; 3 cr.

5305 Computational Fluid Dynamics

(A-F only; Prereq: 4112 (concurrent registration allowed) or ChE 3112, BSChE, or BSME or BSIE candidate or instructor consent)

63478 001 LEC, 14:00-14:50 MWF, Kirby Plaza 143, In Person Term Based; Brian Kohn ; 3 cr.

5315 Nondestructive Evaluation of Engineering Materials

(A-F only; Prereq: 3140)

67633 001 LEC, 10:00-10:50 MWF, Bohannon Hall 108, In Person Term Based; Emmanuel Enemuoh ; 3 cr.

5355 Gas Turbines

(A-F or Audit; Prereq: 3111, 3211 and BSME or MEng or MSEM or instructor consent)

67344 001 LEC, 9:00- 9:50 MWF, Voss-Kovach Hall 115, In Person Term Based; Alison Hoxie ; 3 cr.

5365 Introduction to Medical Device Development

(A-F or Audit;)

66807 001 LEC, 8:00- 8:50 MWF, Voss-Kovach Hall 115, In Person Term Based; Michael Greminger ; 3 cr.

5991 Independent Study in Mechanical Engineering

(Student Option; Prereq: MSEM candidate, department consent)

63162 001 IND, Independent/Directed Study; 1-4 cr.

8310 Mechanical Engineering Capstone Project

(A-F or Audit; Prereq: MEng or MSME candidates and minimum of 12 credits successfully completed or department consent)

66796 001 FWK, In Person Term Based; Ping Zhao ; 3 cr.

8777 Thesis Credits: Master's?

(A-F or Audit;)

66797 001 IND, In Person Term Based; Debao Zhou ; 1-10 cr.
 66798 002 IND, In Person Term Based; Nesrin Ozalp ; 1-10 cr.
 66799 003 IND, In Person Term Based; Brian Hinderliter ; 1-10 cr.
 66800 004 IND, In Person Term Based; Alison Hoxie ; 1-10 cr.
 66801 005 IND, In Person Term Based; Michael Greminger ; 1-10 cr.
 66802 006 IND, In Person Term Based; Tarek Al-Geddawy ; 1-10 cr.
 66803 007 IND, In Person Term Based; Emmanuel Enemuoh ; 1-10 cr.
 66804 008 IND, In Person Term Based; Daniel Pope ; 1-10 cr.

66805 009 IND, In Person Term Based; Subramanian Ramakrishnan ; 1-10 cr.
66806 010 IND, In Person Term Based; Ping Zhao ; 1-10 cr.

8993 Graduate Seminar

(S-N or Audit;)
63838 001 DIS, 12:00-12:50 W, Montague Hall 80, In Person Term Based; Meets With: 001 IE 4993811 EMGT 8993; Puttagounder Dhanasekaran Swaminathan ; 1 cr.

Medicine (MED)

693 Directed Study

(P-N only; Prereq: Regis Med Student)
63880 001 IND, 00:00-00:00 , , Independent/Directed Study; Robin Michaels ; 3-12 cr.

694 Directed Medical Student Research

(P-N or Audit; Prereq: Regis Med Student)
63879 001 IND, 00:00-00:00 , , Independent/Directed Study; Robin Michaels ; 0 cr.

6573 Neurological Medicine

(P-N only; Prereq: Registered med student or instructor consent)
63891 001 LEC, 00:00-00:00 , , In Person Term Based; Pedro Fernandez-Funez ; 15 cr.

6724 Gastrointestinal Medicine

(P-N only; Prereq: Registered med student)
63894 001 LEC, 00:00-00:00 , , In Person Term Based; Andrew Skildum ; 9 cr.

6762 Hormonal and Reproductive Medicine

(P-N only; Prereq: Registered med student)
63882 001 LEC, 00:00-00:00 , , In Person Term Based; Jen Pearson, Aubie Shaw ; 7 cr.

Multi-Inst Cross Registration (MULT)

1 Multi-Institution Cross Registration

(No Grade Associated;)
64815 001 LEC, In Person Term Based; 0 cr.

Museum Studies (MST)

1100 Introduction to Museums

(A-F or Audit;)
62534 001 LEC, 11:00-11:50 Th, Bohannon Hall 112, 11:00-12:50 T, M W Alworth Hall 175, In Person Term Based; David Woodward ; 3 cr.

Music (MU)

100 Recital Hour

(S-N only; Prereq: Concurrent registration in applied instruction)
64247 001 LAB, In Person Term Based; Jefferson Campbell ; 0 cr.

200 Basic Piano Proficiency

(S-N only; Prereq: 1421, 1422, 2422)
64406 001 IND, Independent/Directed Study; Tracy Lipke-Perry ; 0 cr.

250 Advanced Piano Proficiency

(S-N only; Prereq: 200)
64702 001 IND, Independent/Directed Study; Tracy Lipke-Perry ; 0 cr.

300 Advanced Standing Exam

(S-N only; Prereq: three semesters of 1xxx level applied study, department consent)
64409 001 IND, Independent/Directed Study; William Barnard ; 0 cr.
64410 002 IND, Independent/Directed Study; Bradley Bombardier ; 0 cr.
64411 003 IND, Independent/Directed Study; Jefferson Campbell ; 0 cr.
64412 004 IND, Independent/Directed Study; ; 0 cr.
64413 005 IND, Independent/Directed Study; Derek Bromme ; 0 cr.
64414 006 IND, Independent/Directed Study; Ryan Frane ; 0 cr.

64431 007 IND, Independent/Directed Study; Betsy Husby ; 0 cr.

64714 008 IND, Independent/Directed Study; Rachel Inselman ; 0 cr.

64715 009 IND, Independent/Directed Study; Eugene Koshinski ; 0 cr.

64716 010 IND, Independent/Directed Study; Elias MOKOLE ; 0 cr.

64717 011 IND, Independent/Directed Study; Jean Perrault ; 0 cr.

64718 012 IND, Independent/Directed Study; Thomas Plotenbauer ; 0 cr.

64719 013 IND, Independent/Directed Study; James Pospisil ; 0 cr.

64720 014 IND, Independent/Directed Study; Justin Rubin ; 0 cr.

64721 015 IND, Independent/Directed Study; Paula Gudmundson ; 0 cr.

64722 016 IND, Independent/Directed Study; Theodore Schoen ; 0 cr.

64723 017 IND, Independent/Directed Study; Joshua Skinner ; 0 cr.

64724 018 IND, Independent/Directed Study; ; 0 cr.

64725 019 IND, Independent/Directed Study; Brett Linski ; 0 cr.

64726 020 IND, Independent/Directed Study; Mark Whitlock ; 0 cr.

64727 021 IND, Independent/Directed Study; ; 0 cr.

64728 022 IND, Independent/Directed Study; Brian Buckstead ; 0 cr.

64729 023 IND, Independent/Directed Study; Tracy Lipke-Perry ; 0 cr.

64730 024 IND, Independent/Directed Study; Alice Pierce ; 0 cr.

1001 Introduction to Music

(Student Option; Prereq: Not for music majors or minors FINE ARTS, GLOBAL PER)
64322 001 LEC, 10:00-10:50 MWF, Bohannon Hall 90, In Person Term Based; Timothy Broscious ; 3 cr.
64377 002 LEC, Completely Online; Justin Rubin ; 3 cr.

1005 Jazz Studies

(A-F only; CDIVERSITY, FINE ARTS)
64245 001 LEC, 11:00-11:50 MWF, Montague Hall 70, In Person Term Based; William Barnard ; 3 cr.
64246 002 LEC, 12:00-12:50 MWF, Montague Hall 70, In Person Term Based; William Barnard ; 3 cr.

1121 Tonal Harmony II

(A-F only; Prereq: 1111 LOGIC & QR)
64357 001 LEC, 8:00- 8:50 MWF, Humanities Building 150, In Person Term Based; Brian Buckstead ; 3 cr.
64404 002 LEC, 8:00- 8:50 MWF, Humanities Building 222, In Person Term Based; Bradley Bombardier ; 3 cr.

1122 Ear-Training II

(A-F only; Prereq: 1112)
64358 001 LAB, 8:00- 8:50 TTh, Weber Music Hall 206, In Person Term Based; Elizabeth Fisher ; 1 cr.
64359 002 LAB, 8:00- 8:50 TTh, Humanities Building 222, In Person Term Based; Derek Bromme ; 1 cr.

1311 Voice-Major

(A-F only; Prereq: Music major, department consent, performance majors register for 3 cr. in major instrument only, all others register for 2 cr.)
64202 001 LAB, 15:00-15:50 F, Weber Music Hall 206, In Person Term Based; Rachel Inselman, Elias MOKOLE, Alice Pierce ; 2-3 cr.
64257 002 LAB, 15:00-15:50 F, Room TBA, In Person Term Based; Rachel Inselman, Elias MOKOLE, Alice Pierce ; 2-3 cr.

1312 Voice-Non Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument; may be repeated)
64203 001 LAB, In Person Term Based; Rachel Inselman, Elias MOKOLE, Marcus McConico, Elizabeth Fisher, Alice Pierce, John Pierce ; 1 cr.

1321 Piano-Major

(A-F only; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64209 001 LAB, In Person Term Based; Tracy Lipke-Perry ; 2-3 cr.
64258 002 LAB, In Person Term Based; Tracy Lipke-Perry ; 2-3 cr.

1322 Piano-Non Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument; may be repeated)
64207 001 LAB, In Person Term Based; Tracy Lipke-Perry, Jian-Jun Chen-Edmund, Betsy Husby, Allison Laughlin ; 1 cr.

1325 Jazz Piano-Major

(A-F only; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64210 001 LAB, In Person Term Based; Ryan Frane ; 2-3 cr.
64259 002 LAB, In Person Term Based; Ryan Frane ; 2-3 cr.

1326 Jazz Piano-Non Major

(A-F only; Prereq: Non-music major or music major secondary instrument)
64212 001 LAB, In Person Term Based; Ryan Frane ; 1 cr.

1327 Jazz Applied

(A-F or Audit; Prereq: 2803, instructor consent)
64380 001 LAB, In Person Term Based; William Barnard ; 2 cr.
64524 002 LAB, In Person Term Based; Ryan Frane ; 2 cr.
64525 003 LAB, In Person Term Based; Eugene Koshinski ; 2 cr.
64526 004 LAB, In Person Term Based; Thomas Plotenbauer ; 2 cr.
64703 005 LAB, In Person Term Based; Joshua Skinner ; 2 cr.

1331 Organ-Major

(A-F only; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64213 001 LAB, In Person Term Based; Justin Rubin ; 2-3 cr.
64260 002 LAB, In Person Term Based; Justin Rubin ; 2-3 cr.

1332 Organ-Non Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument; may be repeated)
64215 001 LAB, In Person Term Based; Justin Rubin ; 1 cr.

1350 Violin - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64449 001 LAB, In Person Term Based; Jean Perrault, Brian Buckstead ; 1 cr.

1351 Violin - Major

(A-F only; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64217 001 LAB, In Person Term Based; Jean Perrault, Brian Buckstead ; 2-3 cr.
64261 002 LAB, In Person Term Based; Jean Perrault, Brian Buckstead ; 2-3 cr.

1352 Viola - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64219 001 LAB, In Person Term Based; Jean Perrault, Brian Buckstead ; 1 cr.

1353 Viola - Major

(A-F or Audit; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64460 001 LAB, In Person Term Based; Jean Perrault, Brian Buckstead ; 2-3 cr.
64461 002 LAB, In Person Term Based; Jean Perrault, Brian Buckstead ; 2-3 cr.

1354 Cello - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64450 001 LAB, In Person Term Based; Betsy Husby ; 1 cr.

1355 Cello - Major

(A-F or Audit; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64462 001 LAB, In Person Term Based; Betsy Husby ; 2-3 cr.
64463 002 LAB, In Person Term Based; Betsy Husby ; 2-3 cr.

1356 Harp - Non-Majors

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64451 001 LAB, In Person Term Based; Janell Lemire ; 1 cr.

1357 Harp - Major

(A-F only; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64221 001 LAB, In Person Term Based; Janell Lemire ; 2-3 cr.
64262 002 LAB, In Person Term Based; Janell Lemire ; 2-3 cr.

1358 Bass - Non-Majors

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64223 001 LAB, In Person Term Based; Joshua Skinner ; 1 cr.
64704 002 LAB, In Person Term Based; Joshua Skinner ; 1 cr.

1359 Bass - Major

(A-F or Audit; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64464 001 LAB, In Person Term Based; Joshua Skinner ; 2-3 cr.
64465 002 LAB, In Person Term Based; Joshua Skinner ; 2-3 cr.

1360 Clarinet - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64452 001 LAB, In Person Term Based; Theodore Schoen ; 1 cr.

1361 Clarinet - Major

(A-F only; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64225 001 LAB, In Person Term Based; Theodore Schoen ; 2-3 cr.
64263 002 LAB, In Person Term Based; Theodore Schoen ; 2-3 cr.

1362 Saxophone - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64227 001 LAB, In Person Term Based; Bradley Bombardier, Theodore Schoen ; 1 cr.

1363 Saxophone - Major

(A-F or Audit; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64466 001 LAB, In Person Term Based; Theodore Schoen, Bradley Bombardier ; 2-3 cr.
64467 002 LAB, In Person Term Based; Theodore Schoen, Bradley Bombardier ; 2-3 cr.

1364 Flute - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64453 001 LAB, In Person Term Based; Paula Gudmundson ; 1 cr.

1365 Flute - Major

(A-F or Audit; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64468 001 LAB, In Person Term Based; Paula Gudmundson ; 2-3 cr.
64469 002 LAB, In Person Term Based; Paula Gudmundson ; 2-3 cr.

1366 Oboe - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64454 001 LAB, In Person Term Based; Brett Linski ; 1 cr.

1367 Oboe - Major

(A-F or Audit; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64470 001 LAB, In Person Term Based; Brett Linski ; 2-3 cr.
64471 002 LAB, In Person Term Based; Brett Linski ; 2-3 cr.

1368 Bassoon - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64455 001 LAB, In Person Term Based; Jefferson Campbell ; 1 cr.

1369 Bassoon - Major

(A-F or Audit; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64472 001 LAB, In Person Term Based; Jefferson Campbell ; 2-3 cr.
64473 002 LAB, In Person Term Based; Jefferson Campbell ; 2-3 cr.

1370 Trumpet - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64456 001 LAB, In Person Term Based; Thomas Pfothenhauer ; 1 cr.

1371 Trumpet - Major

(A-F only; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64229 001 LAB, In Person Term Based; Thomas Pfothenhauer ; 2-3 cr.
64264 002 LAB, In Person Term Based; Thomas Pfothenhauer ; 2-3 cr.

1372 Trombone - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64250 001 LAB, In Person Term Based; Derek Bromme ; 1 cr.

1373 Trombone - Major

(A-F or Audit; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64474 001 LAB, In Person Term Based; Derek Bromme ; 2-3 cr.
64475 002 LAB, In Person Term Based; Derek Bromme ; 2-3 cr.

1374 French Horn - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64457 001 LAB, In Person Term Based; James Pospisil ; 1 cr.

1375 French Horn - Major

(A-F or Audit; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64476 001 LAB, In Person Term Based; James Pospisil ; 2-3 cr.
64477 002 LAB, In Person Term Based; James Pospisil ; 2-3 cr.

1376 Tuba - Non-major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64458 001 LAB, In Person Term Based; Derek Bromme ; 1 cr.

1377 Tuba - Major

(A-F or Audit; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64478 001 LAB, In Person Term Based; Derek Bromme ; 2-3 cr.
64479 002 LAB, In Person Term Based; Derek Bromme ; 2-3 cr.

1378 Euphonium - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64459 001 LAB, In Person Term Based; Derek Bromme ; 1 cr.

1379 Euphonium - Major

(A-F or Audit; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64480 001 LAB, In Person Term Based; Derek Bromme ; 2-3 cr.
64481 002 LAB, In Person Term Based; Derek Bromme ; 2-3 cr.

1381 Percussion-Major

(A-F only; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64231 001 LAB, In Person Term Based; Eugene Koshinski ; 2-3 cr.
64265 002 LAB, In Person Term Based; Eugene Koshinski ; 2-3 cr.

1382 Percussion - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64234 001 LAB, In Person Term Based; Timothy Broscius ; 1 cr.

1391 Classical Guitar-Major

(A-F only; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64235 001 LAB, In Person Term Based; Jacob Jonker ; 2-3 cr.
64266 002 LAB, In Person Term Based; Jacob Jonker ; 2-3 cr.

1392 Classical Guitar - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64237 001 LAB, In Person Term Based; Jacob Jonker ; 1 cr.

1395 Jazz Guitar-Major

(A-F only; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
64239 001 LAB, In Person Term Based; William Barnard ; 2-3 cr.
64267 002 LAB, In Person Term Based; William Barnard ; 2-3 cr.

1396 Jazz Guitar - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
64241 001 LAB, In Person Term Based; Jimi Cooper, William Barnard, Thomas O'Hara ; 1 cr.

1398 Pop Styles Guitar- Non Major

(A-F only; Prereq: Non-music major or music major secondary instrument)
64243 001 LAB, In Person Term Based; William Barnard, Jimi Cooper, Thomas O'Hara ; 1 cr.

1412 Diction: German

(A-F or Audit; Prereq: 1411 or instructor consent)
66891 001 LEC, 11:00-11:50 TTh, Humanities Building 150, In Person Term Based; Rachel Inselman ; 1 cr.

1422 Piano Class II

(A-F or Audit; Prereq: MU 1421, equivalent CE or instructor consent)
64342 001 LAB, 9:00- 9:50 MW, Humanities Building 160, In Person Term Based; Tracy Lipke-Perry ; 1 cr.
64343 002 LAB, 9:00- 9:50 TTh, Humanities Building 160, In Person Term Based; Tracy Lipke-Perry ; 1 cr.

1440 Survey of Instrumental Techniques

(A-F or Audit; Prereq: Music major or instructor consent)
64311 001 LAB, 11:00-11:50 MW, Humanities Building 222, In Person Term Based; Brian Buckstead, Paula Gudmundson, James Pospisil, Bradley Bombardier ; 1 cr.

1441 Vocal Techniques

(Student Option; Prereq: Music major or instructor consent)
64161 001 LEC, 10:00-10:50 TTh, Humanities Building 222, In Person Term Based; Elias MOKOLE ; 1 cr.

1501 Concert Band

(Student Option; Prereq: Instructor determines placementFINE ARTS)
64149 001 LAB, 14:00-14:50 MWF, Chester Park B13, In Person Term Based; Meets With: 001 MU 4501; Mark Whitlock ; 1 cr.

1502 Symphonic Wind Ensemble

(Student Option; Prereq: Instructor determines placementFINE ARTS)
64150 001 LAB, 15:05-16:35 MWF, Chester Park B13, In Person Term Based; Meets With: 001 MU 4502; Mark Whitlock ; 1 cr.

1503 Symphony Orchestra

(Student Option; Prereq: Instructor determines placementFINE ARTS)
64151 001 LAB, 15:15-17:40 TTh, Chester Park B13, In Person Term Based; Meets With: 001 MU 4503; Benjamin Nilles ; 1 cr.

1504 Chamber Orchestra

(Student Option; Prereq: instructor consentFINE ARTS)
64284 001 LAB, 17:00-18:20 MW, Chester Park B13, In Person Term Based; Meets With: 001 MU 4504; Brian Buckstead ; 1 cr.

1505 Jazz Ensemble

(Student Option; Prereq: Instructor determines placementFINE ARTS)
64159 001 LAB, 11:55-12:55 MWF, Chester Park B13, In Person Term Based; Meets With: 001 MU 4505; Ryan Frane ; 1 cr.
64160 002 LAB, 12:00-13:20 TTh, Chester Park B13, In Person Term Based; Meets With: 002 MU 4505; Joshua Skinner ; 1 cr.

1510 Concert Chorale

(Student Option; Prereq: instructor determines placementFINE ARTS)
64162 001 LAB, 13:20-14:50 TTh, Chester Park 209, In Person Term Based; Meets With: 001 MU 4510; Elizabeth Fisher ; 1 cr.

1511 University Singers

(Student Option; Prereq: Instructor determines placementFINE ARTS)
64163 001 LAB, 15:00-16:10 TTh, Chester Park 209, 15:20-16:30 MW, Chester Park 209, In Person Term Based; Meets With: 001 MU 4511; Richard Robbins ; 1 cr.

1512 Chamber Singers

(Student Option; Prereq: concurrent registration in 1511 or 4511; instructor determines placementFINE ARTS)
64165 001 LAB, 14:00-15:15 MW, Chester Park 209, In Person Term Based; Meets With: 001 MU 4512; Richard Robbins ; 1 cr.

1513 Vocal Jazz Ensemble

(Student Option; Prereq: instructor determines placementFINE ARTS)
64166 001 LAB, 17:00-18:30 MW, Chester Park 213, In Person Term Based; Meets With: 001 MU 4513; Elizabeth Fisher ; 1 cr.
64781 002 LAB, 18:00-19:00 TTh, Chester Park 213, In Person Term Based; Meets With: 002 MU 4513; Elizabeth Fisher ; 1 cr.

1515 Percussion Ensemble

(A-F or Audit; Prereq: Instructor consent; maximum of 10 credits between MU 1515 and 4515)

64705 001 LAB, 13:30-15:00 TTh, Chester Park B13, In Person Term Based; Meets With: 001 MU 4515; Eugene Koshinski ; 1 cr.

1541 Chamber Music

(A-F or Audit; Prereq: Instructor determines placement)

64175 001 LAB, In Person Term Based; Meets With: 001 MU 4541; Timothy Broscius ; 1 cr.

64176 002 LAB, 17:00-17:50 MW, Weber Music Hall 206, In Person Term Based; Meets With: 002 MU 4541; Ryan Frane ; 1 cr.

64177 003 LAB, 18:00-18:50 TTh, Weber Music Hall 206, In Person Term Based; Meets With: 003 MU 4541; Joshua Skinner ; 1 cr.

64178 004 LAB, 18:00-18:50 TTh, Humanities Building 171A, In Person Term Based; Meets With: 004 MU 4541; Thomas Pfothenhauer ; 1 cr.

64179 005 LAB, 18:00-18:50 MW, Weber Music Hall 206, In Person Term Based; Meets With: 005 MU 4541; William Barnard ; 1 cr.

64180 006 LAB, 18:00-20:00 Th, Chester Park B13, In Person Term Based; Meets With: 006 MU 4541; Timothy Broscius ; 1 cr.

64181 007 LAB, 16:00-16:50 MW, Weber Music Hall 206, In Person Term Based; Meets With: 007 MU 4541; William Barnard ; 1 cr.

64182 008 LAB, In Person Term Based; Meets With: 008 MU 4541; Betsy Husby, Brian Buckstead, Jean Perrault ; 1 cr.

64183 009 LAB, 19:00-19:50 MW, Weber Music Hall 206, In Person Term Based; Meets With: 009 MU 4541; Thomas Pfothenhauer ; 1 cr.

64184 010 LAB, In Person Term Based; Meets With: 010 MU 4541; Paula Gudmundson, Theodore Schoen, Jefferson Campbell ; 1 cr.

64300 013 LAB, 15:00-15:50 MW, Weber Music Hall 206, In Person Term Based; Meets With: 013 MU 4541; William Barnard ; 1 cr.

64333 014 LAB, In Person Term Based; Meets With: 014 MU 4541; Jacob Jonker ; 1 cr.

64366 015 LAB, In Person Term Based; Meets With: 015 MU 4541; Thomas Pfothenhauer ; 1 cr.

64367 016 LAB, In Person Term Based; Meets With: 016 MU 4541; Bradley Bombardier ; 1 cr.

64402 017 LAB, In Person Term Based; Meets With: 017 MU 4541; Mark Whitlock ; 1 cr.

64522 019 LAB, In Person Term Based; Meets With: 019 MU 4541; Elizabeth Fisher ; 1 cr.

64690 018 LAB, In Person Term Based; Joshua Skinner ; 1 cr.

64691 020 LAB, In Person Term Based; Meets With: 020 MU 4541; Tracy Lipke-Perry ; 1 cr.

64692 021 LAB, In Person Term Based; Meets With: 021 MU 4541; Theodore Schoen ; 1 cr.

64693 022 LAB, In Person Term Based; Meets With: 022 MU 4541; Paula Gudmundson ; 1 cr.

64707 023 LAB, In Person Term Based; Meets With: 023 MU 4541; Theodore Schoen ; 1 cr.

2001 Ethnic and Folk Music of the World

(Student Option; FINE ARTS)

64252 001 LEC, 12:00-12:50 MWF, Humanities Building 150, In Person Term Based; Paula Gudmundson ; 3 cr.

64280 002 LEC, 13:00-13:50 MWF, Humanities Building 150, In Person Term Based; Paula Gudmundson ; 3 cr.

2003 Survey of American Music

(Student Option; FINE ARTS, CDIVERSITY)

64347 001 LEC, 10:00-10:50 MWF, Humanities Building 222, In Person Term Based; Thomas Pfothenhauer ; 3 cr.

2105 Composition I

(A-F or Audit; Prereq: 1121 or 1122)

64195 001 LEC, 11:00-11:50 TTh, Humanities Building 222, In Person Term Based; Meets With: 001 MU 3105001 MU 4105; Justin Rubin ; 2 cr.

2110 Jazz Theory

(A-F or Audit; Prereq: 1111, 1421 or instructor consent)

64381 001 LEC, 10:00-10:50 MW, Humanities Building 160, In Person Term Based; Ryan Frane ; 2 cr.

2121 Tonal Harmony IV

(A-F only; Prereq: 2111)

64360 001 LEC, 9:00-9:50 MWF, Weber Music Hall 206, In Person Term Based; Justin Rubin ; 3 cr.

2122 Ear-Training, Sight Singing and Improvisation

(A-F only; Prereq: 2112)

64361 001 LAB, 9:00-9:50 TTh, Humanities Building 150, In Person Term Based; Richard Robbins ; 1 cr.

2445 String Techniques

(A-F or Audit; Prereq: Music major or instructor consent)

64383 001 LEC, 11:00-11:50 MW, Chester Park B13, In Person Term Based; Brian Buckstead, Betsy Husby, Joshua Skinner ; 1 cr.

2447 Brass Techniques

(A-F or Audit; Prereq: Music major or instructor consent)

64382 001 LAB, 11:00-11:50 MW, Chester Park 209, In Person Term Based; James Pospisil, Thomas Pfothenhauer ; 1 cr.

2605 Introduction to Music Education

(A-F or Audit; Prereq: Music Ed major or instructor consent)

64295 001 LEC, 9:00-9:50 F, Humanities Building 170, In Person Term Based; David Edmund ; 1 cr.

2803 Jazz Improvisation II

(A-F or Audit; Prereq: 2101, 2802 or instructor consent)

64745 001 LAB, 11:00-11:50 TTh, Weber Music Hall 206, In Person Term Based; Joshua Skinner ; 2 cr.

3105 Composition II

(A-F or Audit; Prereq: 2105)

64196 001 LEC, 11:00-11:50 TTh, Humanities Building 222, In Person Term Based; Meets With: 001 MU 2105001 MU 4105; Justin Rubin ; 2 cr.

3202 Music History II

(A-F or Audit; Prereq: 3201 or instructor consent)

64200 001 LEC, 10:00-10:50 MWF, Humanities Building 150, In Person Term Based; Brett Linski ; 3 cr.

3300 Junior Recital

(A-F or Audit; Prereq: department consent, may be repeated)

64168 001 IND, Independent/Directed Study; William Barnard ; 1 cr.

64432 002 IND, Independent/Directed Study; Bradley Bombardier ; 1 cr.

64433 003 IND, Independent/Directed Study; Jefferson Campbell ; 1 cr.

64434 004 IND, Independent/Directed Study; ; 1 cr.

64435 005 IND, Independent/Directed Study; Derek Bromme ; 1 cr.

64436 006 IND, Independent/Directed Study; Ryan Frane ; 1 cr.

64437 007 IND, Independent/Directed Study; Betsy Husby ; 1 cr.

64438 008 IND, Independent/Directed Study; Rachel Inselman ; 1 cr.

64439 009 IND, Independent/Directed Study; Jacob Jonker ; 1 cr.

64440 010 IND, Independent/Directed Study; Eugene Koshinski ; 1 cr.

64441 011 IND, Independent/Directed Study; Elias MOKOLE ; 1 cr.

64442 012 IND, Independent/Directed Study; Jean Perrault ; 1 cr.

64443 013 IND, Independent/Directed Study; Thomas Pfothenhauer ; 1 cr.

64444 014 IND, Independent/Directed Study; James Pospisil ; 1 cr.

64445 015 IND, Independent/Directed Study; Justin Rubin ; 1 cr.

64446 016 IND, Independent/Directed Study; Joshua Skinner ; 1 cr.

64516 017 IND, Independent/Directed Study; Alice Pierce ; 1 cr.

64528 018 IND, Independent/Directed Study; Theodore Schoen ; 1 cr.

64529 019 IND, Independent/Directed Study; Paula Gudmundson ; 1 cr.

64530 020 IND, Independent/Directed Study; ; 1 cr.

64531 021 IND, Independent/Directed Study; ; 1 cr.

64532 022 IND, Independent/Directed Study; ; 1 cr.

64533 023 IND, Independent/Directed Study; Mark Whitlock ; 1 cr.

64534 024 IND, Independent/Directed Study; ; 1 cr.

3350 Half-Recital

(S-N or Audit;)

64415 001 LEC, In Person Term Based; William Barnard ; 0 cr.

64416 002 LEC, In Person Term Based; Bradley Bombardier ; 0 cr.

64417 003 LEC, In Person Term Based; Jefferson Campbell ; 0 cr.

64418 004 LEC, In Person Term Based; ; 0 cr.

64419 005 LEC, In Person Term Based; Derek Bromme ; 0 cr.

64420 006 LEC, In Person Term Based; Ryan Frane ; 0 cr.

64421 007 LEC, In Person Term Based; Betsy Husby ; 0 cr.

64422 008 LEC, In Person Term Based; Rachel Inselman ; 0 cr.

64423 009 LEC, In Person Term Based; Jacob Jonker ; 0 cr.

64424 010 LEC, In Person Term Based; Eugene Koshinski ; 0 cr.

64425 011 LEC, In Person Term Based; Elias MOKOLE ; 0 cr.

64426 012 LEC, In Person Term Based; Jean Perrault ; 0 cr.

64427 013 LEC, In Person Term Based; Thomas Pfothenhauer ; 0 cr.

64428 014 LEC, In Person Term Based; James Pospisil ; 0 cr.

64429 015 LEC, In Person Term Based; Justin Rubin ; 0 cr.

64430 016 LEC, In Person Term Based; Joshua Skinner ; 0 cr.

64517 017 LEC, In Person Term Based; Alice Pierce ; 0 cr.

64535 018 LEC, In Person Term Based; Theodore Schoen ; 0 cr.

64536 019 LEC, In Person Term Based; Paula Gudmundson ; 0 cr.

64537 020 LEC, In Person Term Based; ; 0 cr.

64538 021 LEC, In Person Term Based; ; 0 cr.

64539 022 LEC, In Person Term Based; Tracy Lipke-Perry ; 0 cr.

64540 023 LEC, In Person Term Based; Mark Whitlock ; 0 cr.

64541 024 LEC, In Person Term Based; ; 0 cr.

3510 Opera Studio

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

64169 001 LEC, 16:15-18:00 TTh, Weber Music Hall 206, In Person Term Based; Meets With: 001 MU 5510; Alice Pierce ; 1 cr.

3600 Music in the Elementary Classroom

(A-F or Audit; Prereq: Successful completion of IESE 1010; credit will not be granted if already received for MU 1601 and 3601)

64447 001 LEC, 10:00-10:50 MWF, Humanities Building 170, In Person Term Based; Jian-Jun Chen-Edmund ; 3 cr.

64448 002 LEC, 11:00-11:50 MWF, Humanities Building 170, In Person Term Based; Jian-Jun Chen-Edmund ; 3 cr.

3607 Instrumental Music Methods

(A-F or Audit; Prereq: music major or instructor consent)

64152 001 LEC, 9:00-9:50 MWF, Chester Park 204, In Person Term Based; Mark Whitlock ; 3 cr.

3609 Teaching Elementary Music II

(A-F or Audit; Prereq: MU 3606, 3608 or instructor consent; credit will not be granted if credit was received for 3605.)

64384 001 LEC, 8:00-8:50 TTh, Humanities Building 170, In Person Term Based; David Edmund ; 2 cr.

3702 Choral Conducting and Methods II

(A-F or Audit; Prereq: MU 3701 or instructor consent)

64199 001 LEC, 9:00-9:50 MWF, Humanities Building 222, In Person Term Based; Richard Robbins ; 3 cr.

3706 Instrumental Conducting II

(A-F or Audit; Prereq: 3705 or instructor consent)

64153 001 LAB, 11:00-11:50 TTh, Humanities Building 170, In Person Term Based; Mark Whitlock ; 1 cr.

3991 Independent Study

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

64158 001 IND, Independent/Directed Study; Jefferson Campbell ; 1-3 cr.

64542 002 IND, Independent/Directed Study; ; 1-3 cr.

64543 003 IND, Independent/Directed Study; David Edmund ; 1-3 cr.

64544 004 IND, Independent/Directed Study; ; 1-3 cr.

64545 005 IND, Independent/Directed Study; Ryan Frane ; 1-3 cr.

64546 006 IND, Independent/Directed Study; Betsy Husby ; 1-3 cr.

64547 007 IND, Independent/Directed Study; Rachel Inselman ; 1-3 cr.

64548 008 IND, Independent/Directed Study; Eugene Koshinski ; 1-3 cr.

64549 009 IND, Independent/Directed Study; Jean Perrault ; 1-3 cr.

64550 010 IND, Independent/Directed Study; Thomas Pfothenhauer ; 1-3 cr.

64551 011 IND, Independent/Directed Study; Justin Rubin ; 1-3 cr.

64552 012 IND, Independent/Directed Study; Theodore Schoen ; 1-3 cr.

64553 013 IND, Independent/Directed Study; Paula Gudmundson ; 1-3 cr.

64554 014 IND, Independent/Directed Study; ; 1-3 cr.

64555 015 IND, Independent/Directed Study; ; 1-3 cr.

64556 016 IND, Independent/Directed Study; ; 1-3 cr.

64557 017 IND, Independent/Directed Study; Mark Whitlock ; 1-3 cr.
 64558 018 IND, Independent/Directed Study; ; 1-3 cr.
 64559 019 IND, Independent/Directed Study; 1-3 cr.

4105 Composition III

(A-F or Audit; Prereq: 3105)
 64197 001 LEC, 11:00-11:50 TTh, Humanities Building 222, In Person Term Based; Meets With: 001 MU 2105001 MU 3105; Justin Rubin ; 2 cr.

4300 Senior Recital

(A-F or Audit;)
 64385 001 LEC, In Person Term Based; William Barnard ; 1 cr.
 64386 002 LEC, In Person Term Based; Bradley Bombardier ; 1 cr.
 64387 003 LEC, In Person Term Based; Jefferson Campbell ; 1 cr.
 64388 004 LEC, In Person Term Based; ; 1 cr.
 64389 005 LEC, In Person Term Based; Derek Bromme ; 1 cr.
 64390 006 LEC, In Person Term Based; Ryan Frane ; 1 cr.
 64391 007 LEC, In Person Term Based; Betsy Husby ; 1 cr.
 64392 008 LEC, In Person Term Based; Rachel Inselman ; 1 cr.
 64393 009 LEC, In Person Term Based; Jacob Jonker ; 1 cr.
 64394 010 LEC, In Person Term Based; Eugene Koshinski ; 1 cr.
 64395 011 LEC, In Person Term Based; Elias MOKOLE ; 1 cr.
 64396 012 LEC, In Person Term Based; Jean Perrault ; 1 cr.
 64397 013 LEC, In Person Term Based; Thomas Plotenhauer ; 1 cr.
 64398 014 LEC, In Person Term Based; James Pospisil ; 1 cr.
 64399 015 LEC, In Person Term Based; Justin Rubin ; 1 cr.
 64400 016 LEC, In Person Term Based; Joshua Skinner ; 1 cr.
 64401 017 LEC, In Person Term Based; Alice Pierce ; 1 cr.
 64518 018 LEC, In Person Term Based; Theodore Schoen ; 1 cr.
 64560 019 LEC, In Person Term Based; Paula Gudmundson ; 1 cr.
 64561 020 LEC, In Person Term Based; Brett Linski ; 1 cr.
 64562 021 LEC, In Person Term Based; ; 1 cr.
 64563 022 LEC, In Person Term Based; ; 1 cr.
 64564 023 LEC, In Person Term Based; Mark Whitlock ; 1 cr.
 64565 024 LEC, In Person Term Based; ; 1 cr.

4311 Voice-Major

(A-F only; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
 64204 001 LAB, 15:00-15:50 F, Room TBA, In Person Term Based; Rachel Inselman, Elias MOKOLE, Alice Pierce ; 2-3 cr.
 64269 002 LAB, 15:00-15:50 F, Room TBA, In Person Term Based; Rachel Inselman, Alice Pierce, Elias MOKOLE ; 2-3 cr.

4312 Voice - Non-Major

(A-F or Audit; Prereq: Non-Music major or music major secondary instrument)
 64205 001 LAB, In Person Term Based; Rachel Inselman, Elias MOKOLE, John Pierce, Alice Pierce ; 1 cr.

4321 Piano-Major

(A-F only; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
 64208 001 LAB, In Person Term Based; Tracy Lipke-Perry ; 2-3 cr.
 64270 002 LAB, In Person Term Based; Tracy Lipke-Perry ; 2-3 cr.

4322 Piano - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
 64206 001 LAB, In Person Term Based; Tracy Lipke-Perry ; 1 cr.

4325 Jazz Piano-Major

(A-F only; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
 64214 001 LAB, In Person Term Based; Ryan Frane ; 2-3 cr.
 64515 002 LAB, In Person Term Based; Ryan Frane ; 2-3 cr.

4331 Organ-Major

(A-F only; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.)
 64214 001 LAB, In Person Term Based; Justin Rubin ; 2-3 cr.
 64271 002 LAB, In Person Term Based; Justin Rubin ; 2-3 cr.

4332 Organ - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
 64216 001 LAB, In Person Term Based; Justin Rubin ; 1 cr.

4350 Violin - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
 64482 001 LAB, In Person Term Based; Jean Perrault, Brian Buckstead ; 1 cr.

4351 Violin - Major

(A-F only; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.; MU 300)
 64218 001 LAB, In Person Term Based; Jean Perrault, Brian Buckstead ; 2-3 cr.
 64272 002 LAB, In Person Term Based; Jean Perrault, Brian Buckstead ; 2-3 cr.

4352 Viola - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
 64220 001 LAB, In Person Term Based; Jean Perrault, Brian Buckstead ; 1 cr.

4353 Viola - Major

(A-F or Audit; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.; MU 300)
 64493 001 LAB, In Person Term Based; Jean Perrault, Brian Buckstead ; 2-3 cr.
 64494 002 LAB, In Person Term Based; Jean Perrault, Brian Buckstead ; 2-3 cr.

4354 Cello - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
 64483 001 LAB, In Person Term Based; Betsy Husby ; 1 cr.

4355 Cello - Major

(A-F or Audit; Prereq: Music major; performance majors register for 3 cr., all others register for 2 cr.; MU 300)
 64495 001 LAB, In Person Term Based; Betsy Husby ; 2-3 cr.
 64496 002 LAB, In Person Term Based; Betsy Husby ; 2-3 cr.

4356 Harp - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
 64484 001 LAB, In Person Term Based; Janell Lemire ; 1 cr.

4357 Harp - Major

(Student Option; Prereq: Music major, MU 300; performance majors register for 3 cr., all others register for 2 cr.)
 64222 001 LAB, In Person Term Based; Janell Lemire ; 2-3 cr.
 64273 002 LAB, In Person Term Based; Janell Lemire ; 2-3 cr.

4358 Bass - Non-major

(Student Option; Prereq: Non-music major or music major secondary instrument)
 64224 001 LAB, In Person Term Based; Joshua Skinner ; 1 cr.

4359 Bass - Major

(A-F or Audit; Prereq: Music major, MU 300; performance majors register for 3 cr., all others register for 2 cr.)
 64497 001 LAB, In Person Term Based; Joshua Skinner ; 2-3 cr.
 64498 002 LAB, In Person Term Based; Joshua Skinner ; 2-3 cr.

4360 Clarinet - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
 64485 001 LAB, In Person Term Based; Theodore Schoen ; 1 cr.

4361 Clarinet - Major

(A-F only; Prereq: Music major, MU 300; performance majors register for 3 cr., all others register for 2 cr.)
 64226 001 LAB, In Person Term Based; Theodore Schoen ; 2-3 cr.
 64274 002 LAB, In Person Term Based; Theodore Schoen ; 2-3 cr.

4362 Saxophone - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
 64228 001 LAB, In Person Term Based; Bradley Bombardier, Theodore Schoen ; 1 cr.

4363 Saxophone - Major

(A-F or Audit; Prereq: Music major, MU 300; performance majors register for 3 cr., all others register for 2 cr.)

64499 001 LAB, In Person Term Based; Theodore Schoen, Bradley Bombardier ; 2-3 cr.
 64500 002 LAB, In Person Term Based; Theodore Schoen, Bradley Bombardier ; 2-3 cr.

4364 Flute - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
 64486 001 LAB, In Person Term Based; Paula Gudmundson ; 1 cr.

4365 Flute - Major

(A-F or Audit; Prereq: Music major, MU 300; performance majors register for 3 cr., all others register for 2 cr.)
 64501 001 LAB, In Person Term Based; Paula Gudmundson ; 2-3 cr.
 64502 002 LAB, In Person Term Based; Paula Gudmundson ; 2-3 cr.

4366 Oboe - Non-major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
 64487 001 LAB, In Person Term Based; Brett Linski ; 1 cr.

4367 Oboe - Major

(A-F or Audit; Prereq: Music major, MU 300; performance majors register for 3 cr., all others register for 2 cr.)
 64503 001 LAB, In Person Term Based; Brett Linski ; 2-3 cr.
 64504 002 LAB, In Person Term Based; Brett Linski ; 2-3 cr.

4368 Bassoon - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
 64488 001 LAB, In Person Term Based; Jefferson Campbell ; 1 cr.

4369 Bassoon - Major

(A-F or Audit; Prereq: Music major, MU 300; performance majors register for 3 cr., all others register for 2 cr.)
 64505 001 LAB, In Person Term Based; Jefferson Campbell ; 2-3 cr.
 64506 002 LAB, In Person Term Based; Jefferson Campbell ; 2-3 cr.

4370 Trumpet - Non-Major

(A-F or Audit; Prereq: non-music major or music major secondary instrument)
 64489 001 LAB, In Person Term Based; Thomas Plotenhauer ; 1 cr.

4371 Trumpet - Major

(A-F only; Prereq: Music major, MU 300; performance majors register for 3 cr., all others register for 2 cr.)
 64230 001 LAB, In Person Term Based; Thomas Plotenhauer ; 2-3 cr.
 64275 002 LAB, In Person Term Based; Thomas Plotenhauer ; 2-3 cr.

4372 Trombone - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)
 64251 001 LAB, In Person Term Based; Derek Bromme ; 1 cr.

4373 Trombone - Major

(A-F or Audit; Prereq: Music major, MU 300; performance major register for 3 cr., all others register for 2 cr.)
 64507 001 LAB, In Person Term Based; Derek Bromme ; 2-3 cr.
 64508 002 LAB, In Person Term Based; Derek Bromme ; 2-3 cr.

4374 French Horn - Non-Major

(A-F or Audit; Prereq: non-music major or music major secondary instrument)
 64490 001 LAB, In Person Term Based; James Pospisil ; 1 cr.

4375 French Horn - Major

(A-F or Audit; Prereq: Music major, MU 300; performance majors register for 3 cr., all others register for 2 cr.)
 64509 001 LAB, In Person Term Based; James Pospisil ; 2-3 cr.
 64510 002 LAB, In Person Term Based; James Pospisil ; 2-3 cr.

4376 Tuba - Non-Major

(A-F or Audit; Prereq: Non-music major or music major secondary instrument)

(A-F or Audit; Prereq: Grad student or instructor consent)
64304 001 LEC, 9:00- 9:50 W, Room TBA, In Person Term Based; Rachel Inselman ; 1-2 cr.

5207 Instrumental Chamber Music

Literature
(A-F or Audit; Prereq: Grad student or instructor consent)
64286 001 LEC, In Person Term Based; Mark Whitlock ; 1 cr.

5510 Opera Studio

(A-F or Audit; Prereq: 3510 or equivalent, Grad student or instructor consent)
64287 001 LAB, 16:15-18:00 TTh, Weber Music Hall 206, In Person Term Based; Meets With: 001 MU 3510; Alice Pierce ; 1 cr.

5991 Independent Study

(A-F or Audit; Prereq: Min 60 cr or Grad Student or instructor consent; can apply max 6 cr to a Grad program)

64248 001 IND, Independent/Directed Study; Jefferson Campbell ; 1-3 cr.
64605 002 IND, Independent/Directed Study; ; 1-3 cr.
64606 003 IND, Independent/Directed Study; ; 1-3 cr.
64607 004 IND, Independent/Directed Study; Ryan Frane ; 1-3 cr.
64608 005 IND, Independent/Directed Study; Betsy Husby ; 1-3 cr.
64609 006 IND, Independent/Directed Study; Rachel Inselman ; 1-3 cr.
64610 007 IND, Independent/Directed Study; Eugene Koshinski ; 1-3 cr.
64611 008 IND, Independent/Directed Study; Jean Perrault ; 1-3 cr.
64612 009 IND, Independent/Directed Study; Thomas Pfothenhauer ; 1-3 cr.
64613 010 IND, Independent/Directed Study; Justin Rubin ; 1-3 cr.
64614 011 IND, Independent/Directed Study; ; 1-3 cr.
64615 012 IND, Independent/Directed Study; Theodore Schoen ; 1-3 cr.
64616 013 IND, Independent/Directed Study; Paula Gudmundson ; 1-3 cr.
64617 014 IND, Independent/Directed Study; ; 1-3 cr.
64618 015 IND, Independent/Directed Study; ; 1-3 cr.
64619 016 IND, Independent/Directed Study; Alice Pierce ; 1-3 cr.
64620 017 IND, Independent/Directed Study; Mark Whitlock ; 1-3 cr.
64621 018 IND, Independent/Directed Study; ; 1-3 cr.

8300 Graduate Recital

(A-F or Audit; Prereq: Grad student, instructor consent)
64253 001 FWK, Independent/Directed Study; Jefferson Campbell ; 1 cr.
64622 002 FWK, Independent/Directed Study; ; 1 cr.
64623 003 FWK, Independent/Directed Study; ; 1 cr.
64624 004 FWK, Independent/Directed Study; Ryan Frane ; 1 cr.
64625 005 FWK, Independent/Directed Study; Betsy Husby ; 1 cr.
64626 006 FWK, Independent/Directed Study; Rachel Inselman ; 1 cr.
64627 007 FWK, Independent/Directed Study; Tracy Lipke-Perry ; 1 cr.
64628 008 FWK, Independent/Directed Study; Eugene Koshinski ; 1 cr.
64629 009 FWK, Independent/Directed Study; Jean Perrault ; 1 cr.
64630 010 FWK, Independent/Directed Study; Thomas Pfothenhauer ; 1 cr.
64631 011 FWK, Independent/Directed Study; Justin Rubin ; 1 cr.
64632 012 FWK, Independent/Directed Study; Theodore Schoen ; 1 cr.
64633 013 FWK, Independent/Directed Study; Alice Pierce ; 1 cr.
64634 014 FWK, Independent/Directed Study; ; 1 cr.
64635 015 FWK, Independent/Directed Study; Elias MOKOLE ; 1 cr.
64636 016 FWK, Independent/Directed Study; Mark Whitlock ; 1 cr.
64637 017 FWK, Independent/Directed Study; ; 1 cr.

8301 Graduate Applied Music: Major Instrument

(A-F or Audit; Prereq: Advanced proficiency, grad student, instructor consent)
64331 001 LAB, In Person Term Based; Jefferson Campbell ; 2 cr.
64638 002 LAB, In Person Term Based; ; 2 cr.
64639 003 LAB, In Person Term Based; ; 2 cr.

64640 004 LAB, In Person Term Based; Ryan Frane ; 2 cr.
64641 005 LAB, In Person Term Based; Betsy Husby ; 2 cr.
64642 006 LAB, In Person Term Based; Rachel Inselman ; 2 cr.
64643 007 LAB, In Person Term Based; Eugene Koshinski ; 2 cr.
64644 008 LAB, In Person Term Based; Jean Perrault ; 2 cr.
64645 009 LAB, In Person Term Based; Thomas Pfothenhauer ; 2 cr.
64646 010 LAB, In Person Term Based; Justin Rubin ; 2 cr.
64647 011 LAB, In Person Term Based; Theodore Schoen ; 2 cr.
64648 012 LAB, In Person Term Based; Elias MOKOLE ; 2 cr.
64649 013 LAB, In Person Term Based; James Pospisil ; 2 cr.
64650 014 LAB, In Person Term Based; Alice Pierce ; 2 cr.
64651 015 LAB, In Person Term Based; Mark Whitlock ; 2 cr.
64652 016 LAB, In Person Term Based; William Barnard ; 2 cr.
64755 017 LAB, In Person Term Based; Paula Gudmundson ; 2 cr.
64771 018 LAB, In Person Term Based; Tracy Lipke-Perry ; 2 cr.

8302 Graduate Applied Music: Secondary Instrument

(A-F or Audit; Prereq: Intermediate proficiency, grad student, instructor consent; may be repeated)
64332 001 LAB, In Person Term Based; Jefferson Campbell ; 1 cr.
64653 002 LAB, In Person Term Based; ; 1 cr.
64654 003 LAB, In Person Term Based; ; 1 cr.
64655 004 LAB, In Person Term Based; Ryan Frane ; 1 cr.
64656 005 LAB, In Person Term Based; Betsy Husby ; 1 cr.
64657 006 LAB, In Person Term Based; Rachel Inselman ; 1 cr.
64658 007 LAB, In Person Term Based; Eugene Koshinski ; 1 cr.
64659 008 LAB, In Person Term Based; Jean Perrault ; 1 cr.
64660 009 LAB, In Person Term Based; Thomas Pfothenhauer ; 1 cr.
64661 010 LAB, In Person Term Based; Justin Rubin ; 1 cr.
64662 011 LAB, In Person Term Based; Theodore Schoen ; 1 cr.
64663 012 LAB, In Person Term Based; Paula Gudmundson ; 1 cr.
64664 013 LAB, In Person Term Based; ; 1 cr.
64665 014 LAB, In Person Term Based; Tracy Lipke-Perry ; 1 cr.
64666 015 LAB, In Person Term Based; Mark Whitlock ; 1 cr.
64667 016 LAB, In Person Term Based; Derek Bromme ; 1 cr.

8401 Graduate Music Pedagogy

(A-F or Audit; Prereq: Graduate Student or instructor consent)
64741 002 LEC, 12:00-12:50 Th, Weber Music Hall 206, In Person Term Based; Thomas Pfothenhauer ; 1 cr.

8600 Methods of Research in Music Education

(A-F or Audit; Prereq: Grad student or instructor consent)
64711 001 LEC, In Person Term Based; Jian-Jun Chen-Edmund ; 3 cr.

8701 Graduate Applied Conducting

(A-F or Audit; Prereq: 3702, 3706 or equivalent; Graduate Student or instructor consent)
64288 001 LAB, In Person Term Based; Jean Perrault, Mark Whitlock ; 1-2 cr.

8899 Directed Project in Music Education

(A-F or Audit; Prereq: Grad, instructor consent)
64281 001 IND, Independent/Directed Study; David Edmund, Jian-Jun Chen-Edmund ; 1-12 cr.

8900 Psychology of Music

(A-F or Audit; Prereq: Grad student, instructor consent)
66910 001 LEC, 9:00-10:15 TTh, Humanities Building 170, In Person Term Based; David Edmund ; 3 cr.

8991 Independent Study

(A-F or Audit; Prereq: Grad student, instructor consent)
64244 001 IND, Independent/Directed Study; Jefferson Campbell ; 1-2 cr.
64668 002 IND, Independent/Directed Study; ; 1-2 cr.
64669 003 IND, Independent/Directed Study; ; 1-2 cr.
64670 004 IND, Independent/Directed Study; Ryan Frane ; 1-2 cr.
64671 005 IND, Independent/Directed Study; Betsy Husby ; 1-2 cr.

64672 006 IND, Independent/Directed Study; Rachel Inselman ; 1-2 cr.
64673 007 IND, Independent/Directed Study; ; 1-2 cr.
64674 008 IND, Independent/Directed Study; Eugene Koshinski ; 1-2 cr.
64675 009 IND, Independent/Directed Study; Jean Perrault ; 1-2 cr.
64676 010 IND, Independent/Directed Study; Thomas Pfothenhauer ; 1-2 cr.
64677 011 IND, Independent/Directed Study; Justin Rubin ; 1-2 cr.
64678 012 IND, Independent/Directed Study; Theodore Schoen ; 1-2 cr.
64679 013 IND, Independent/Directed Study; ; 1-2 cr.
64680 014 IND, Independent/Directed Study; Alice Pierce ; 1-2 cr.
64681 015 IND, Independent/Directed Study; Mark Whitlock ; 1-2 cr.
64682 016 IND, Independent/Directed Study; ; 1-2 cr.

Pharmacy (PHAR)

1001 Orientation to Pharmacy

(Student Option;)
64840 001 IND, Completely Online; Kristyn Williamson ; 2 cr.

1002 Medical Terminology

(Student Option;)
64848 001 IND, Completely Online; Jody Lounsbury ; 2 cr.

1003 Non-Prescription Medications and Self-Care: Treating Minor Conditions

(Student Option;)
64841 001 IND, Completely Online; Anna Milone ; 2 cr.

1004 Common Prescription Drugs and Diseases

(Student Option;)
64842 001 IND, Completely Online; Kristyn Williamson ; 2 cr.

3601 Basic Human Physiology for the Health Professions

(Student Option; Prereq: Anatomy required. Medical terminology recommended.)
64854 001 IND, Completely Online; Angela Cortese ; 3 cr.

3700 Fundamentals of Pharmacotherapy

(A-F only; Prereq: Medical terminology recommended)
64844 001 IND, Completely Online; Anna Milone ; 3 cr.

4200 Drugs and the U.S. Healthcare System

(Student Option;)
64845 001 IND, Completely Online; Anna Milone ; 3 cr.

5200 Drugs and the U.S. Healthcare System

(Student Option; Prereq: graduate or professional student)
64843 001 IND, Completely Online; Anna Milone ; 3 cr.

5201 Applied Medical Terminology

(Student Option; Prereq: Basic knowledge of human anatomy/physiology)
68326 001 IND, Completely Online; Jody Lounsbury ; 2 cr.

5205 Obesity: Issues, Interventions, Innovations

(Student Option; Prereq: Second or third year pharmacy student, or student enrolled in a graduate science or health-related program. Biochemistry and physiology suggested.)
64850 001 IND, Completely Online; Anna Milone ; 2 cr.

5700 Applied Fundamentals of

Pharmacotherapy

(A-F only; Prereq: Medical terminology recommended. Credit will not be granted if credit has been received for Phar 3700.)
68652 001 IND, In Person Term Based; Anna Milone ; 3 cr.

6150 CoP Honors: Medicinal Chemistry Seminar

(A-F only; Prereq: instructor consent)
64833 001 LEC, 15:30-17:00 T, Heller Hall 302, In Person Term Based; Carrie Haskell-Luevano ; 1 cr.

6160 CoP Honors: Experimental and Clinical Pharmacology Seminar

(A-F only; Prereq: instructor consent)
64834 001 LEC, 12:20-13:10 W, Life Sciences Bldg 160, In Person Term Based; Swayam Prabha ; 1 cr.

6204 College of Pharmacy Community Outreach

(A-F only; Prereq: Current student pharmacist in College of Pharmacy.)

64846 001 IND, 00:00-00:00 , Independent/Directed Study; Ollie Okoro, Tim Stratton ; 1-3 cr.

64871 002 IND, 00:00-00:00 , Independent/Directed Study; Ollie Okoro ; 1-3 cr.

64882 003 IND, 00:00-00:00 , Independent/Directed Study; Ollie Okoro, Tim Stratton ; 1-3 cr.

6217 Advanced Pharmaceutical Care Clinic (Student Option; Prereq: 2nd or 3rd yr pharmacy student)

64835 001 LEC, 16:40-18:35 M, , In Person Term Based; Meets With: 001 PHAR 6230; Karen Bastianelli ; 1-2 cr.

6219 Building a Pharmaceutical Practice (A-F only; Prereq: 2nd or 3rd year Pharmacy student)

64872 001 LEC, 15:35-17:30 W, Life Sciences Bldg 160, 15:35-17:30 W, Life Sciences Bldg 160, In Person Term Based; Amanda Drummel, Keri Hager ; 2 cr.

6220 Pediatric Drug Therapy

(A-F only; Prereq: 3rd or 4th yr pharmacy student)

64820 001 LEC, 8:00- 9:55 T, Life Sciences Bldg 160, In Person Term Based; Jacob Brown, Paul Jensen ; 2 cr.

6222 Advanced Pharmaceutical Compounding

(A-F only; Prereq: 2nd or 3rd yr pharmacy student)

64857 001 LEC, 18:00-21:00 T, Life Sciences Bldg 216, In Person Term Based; Tonya Meinerding ; 2 cr.

6223 Pharmacokinetics Research Seminar

(A-F only; Prereq: 6163 with a grade of "B" or better.)

64867 001 LEC, In Person Term Based; 1 cr.

6224 Pharmacogenomics: Genetic Basis for Variability in Drug Response

(A-F only; Prereq: 3rd year or later healthcare or related education program or equivalent experience, or instructor consent.)

64822 001 IND, 13:25-15:20 T, Life Sciences Bldg 165, In Person Term Based; Pamala Jacobson ; 2 cr.

6230 Ambulatory PC Clinic

(Student Option; Prereq: Enrolled pharmacy student)

64823 001 LEC, 16:40-18:35 M, , In Person Term Based; Meets With: 001 PHAR 6217; Karen Bastianelli ; 2 cr.

6231 Community Pharmacy Management

(A-F only; Prereq: 2nd or 3rd yr Pharmacy student)

64824 001 LEC, 10:10-12:05 Th, Life Sciences Bldg 160, In Person Term Based; Oscar Garza ; 2 cr.

6232 Health System Pharmacy Management

(A-F only; Prereq: 2nd or 3rd year pharmacy student)

64816 001 LEC, 15:35-17:30 Th, Life Sciences Bldg 163, 15:35-17:30 Th, Life Sciences Bldg 163, In Person Term Based; Christene Jolowsky, John Pastor III ; 2 cr.

6250 CoP Honors: Social and Administrative Pharmacy Seminar

(A-F only; Prereq: instructor consent)

64817 001 LEC, 15:30-17:00 Th, Life Sciences Bldg 165, In Person Term Based; Jon Schommer ; 1 cr.

6260 CoP Honors: Pharmaceutics Seminar

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

68327 001 LEC, 15:00-16:00 T, Life Sciences Bldg 163, In Person Term Based; Jayanth Panyam ; 1 cr.

6293 Directed Research I

(Student Option; Prereq: instructor consent)

68318 001 IND, Independent/Directed Study; Michael Swanoski ; 1-5 cr.

6294 Directed Study I

(Student Option;)

64901 003 IND, 00:00-00:00 , Independent/Directed Study; Meg Little ; 1-5 cr.

69327 004 IND, 15:35-17:30 Th, Heller Hall 302, 15:35-17:30 Th, Heller Hall 302, In Person Term Based; Dan Berkner ; 1-5 cr.

6301 Veterinary Pharmacotherapy

(A-F only; Prereq: 3rd year pharmacy student)

64852 001 LEC, Completely Online; Ann Philbrick ; 2 cr.

6393 Directed Research II

(Student Option; Prereq: instructor consent)

70116 002 IND, In Person Term Based; Heather Blue ; 1-5 cr.

6394 Directed Study II

(A-F or Audit;)

64896 003 IND, Independent/Directed Study; 1-5 cr.

64902 004 IND, Independent/Directed Study; 1-5 cr.

64911 006 IND, In Person Term Based; 1-5 cr.

69565 008 IND, 12:20-13:10 T, Kathryn A Martin Library 410, 12:20-13:10 T, Life Sciences Bldg 160, 12:20-13:10 T, Kathryn A Martin Library 410, In Person Term Based; Amy Pittenger ; 1-5 cr.

69614 009 IND, In Person Term Based; Ollie Okoro, Oscar Garza ; 1-5 cr.

70007 010 IND, In Person Term Based; Randall Seifert ; 1-5 cr.

70157 011 IND, 15:35-17:30 M, Heller Hall 302, In Person Term Based; Oscar Garza ; 1-5 cr.

6493 Directed Research III

(Student Option; Prereq: instructor consent)

69839 001 IND, In Person Term Based; Jacob Brown ; 1-5 cr.

6494 Directed Study III

(S-N or Audit;)

64858 001 IND, Independent/Directed Study; 1-5 cr.

64909 007 IND, In Person Term Based; 1-5 cr.

69654 008 IND, 15:35-16:25 Th, , 15:35-16:25 Th, , In Person Term Based; Megan Undeberg ; 1-5 cr.

6701 CoP Community Outreach

(No Grade Associated; Prereq: Current Student Pharmacist in the College of Pharmacy)

64908 001 FWK, In Person Term Based; Gardner Lepp, Tim Stratton, Tom Larson ; 0 cr.

6716 Applied Pharmaceutical Care

(A-F only; Prereq: Successful completion of Becoming a Pharmacist)

64859 001 DIS, 10:10-12:05 M, Kathryn A Martin Library 410, 10:10-12:05 W, Life Sciences Bldg 163, 8:00- 8:50 F, Kathryn A Martin Library 410, 10:10-12:05 W, Life Sciences Bldg 163, 10:10-12:05 W, Life Sciences Bldg 163, 8:00- 8:50 F, Kathryn A Martin Library 410, In Person Term Based; Tom Larson, Laura Palombi ; 3.2 cr.

6718 Drug Delivery II

(A-F only; Prereq: Successful completion of Drug Delivery I)

64860 001 LEC, 14:30-15:20 M, Kathryn A Martin Library 410, 9:05- 9:55 W, Life Sciences Bldg 163, 9:05- 9:55 F, Life Sciences Bldg 163, 9:05- 9:55 W, Life Sciences Bldg 163, 9:05- 9:55 W, Life Sciences Bldg 163, 9:05- 9:55 F, Life Sciences Bldg 163, In Person Term Based; Raj Suryanarayanan, Joseph Johnson, ; 2.4 cr.

6720 Pharmaceutical Care Skills Lab II

(A-F only; Prereq: Successful completion of Pharmaceutical Care Skills Lab I)

64864 001 LEC, 8:00- 9:55 T, Kathryn A Martin Library 410, 8:00- 9:55 T, Kathryn A Martin Library 410, In Person Term Based; Jennifer Chen, Karen Bastianelli ; 2 cr.

64865 002 LAB, 8:00- 9:55 Th, Life Sciences Bldg 216, 8:00- 9:55 Th, Life Sciences Bldg 216, In Person Term Based;

Jennifer Chen, Karen Bastianelli ; 2 cr.

64866 003 LAB, 10:10-12:05 Th, Life Sciences Bldg 216,

10:10-12:05 Th, Life Sciences Bldg 216, In Person Term Based; Jennifer Chen, Karen Bastianelli ; 2 cr.

6722 Principles of Medicinal Chemistry

(A-F only; Prereq: Successful completion of Integrated Biochemical Sciences)

64862 001 LEC, 10:10-11:00 T, Kathryn A Martin Library 410, 13:25-14:15 W, Life Sciences Bldg 163, 10:10-11:00 F, Kathryn A Martin Library 410, 10:10-11:00 T, Kathryn A Martin Library 410, 13:25-14:15 W, Life Sciences Bldg 163, 13:25-14:15 W, Life Sciences Bldg 163, 10:10-11:00 F, Kathryn A Martin Library 410, In Person Term Based; Natalia Tretyakova, Venkatram Mereddy, ; 2.1 cr.

6724 Introduction to the Immune System and Infectious Disease

(A-F only; Prereq: Successful completion of Integrated Biochemical Sciences)

64861 001 LEC, 13:25-14:15 M, Kathryn A Martin Library 410, 15:35-16:25 W, Life Sciences Bldg 163, 13:25-14:15 F, Life Sciences Bldg 163, 15:35-16:25 W, Life Sciences Bldg 163, 15:35-16:25 W, Life Sciences Bldg 163, 13:25-14:15 F, Life Sciences Bldg 163, In Person Term Based; Carston Wagner, Grant Anderson, ; 3.1 cr.

6726 Principles of Pharmacology

(A-F only; Prereq: Successful completion of Foundations of SAPH)

64863 001 LEC, 11:15-12:05 T, Kathryn A Martin Library 410, 14:30-15:20 W, Life Sciences Bldg 163, 11:15-12:05

F, Life Sciences Bldg 163, 11:15-12:05 T, Kathryn A Martin Library 410, 14:30-15:20 W, Life Sciences Bldg 163, 14:30-15:20 W, Life Sciences Bldg 163, 11:15-12:05 F, Life Sciences Bldg 163, In Person Term Based; Esam El-Fakahany, Amanda Klein, ; 2.3 cr.

6748 Biopharmaceutics

(A-F only; Prereq: Courses and/or content: Calculus, thermodynamics, viscosity, sedimentation, diffusion, chemical kinetics, novice to developing level understanding of dosage forms, developing understanding of pharmacokinetics/ pharmacodynamics, physiology, general chemistry, physics, biochemistry, enzyme kinetics, and metabolic pathways. It is strongly recommended that students review course materials in Drug Delivery I concurrent registration is required (or allowed) in II and Pharmacokinetics as well as anatomy, physiology, calculus, and physics with consideration of the application of the concepts to the delivery of drugs to patients.)

68325 001 LEC, 10:10-11:00 M, Life Sciences Bldg 163, 11:15-12:05 W, Life Sciences Bldg 165, 11:15-12:05 F, Kathryn A Martin Library 410, 11:15-12:05 F, Kathryn A Martin Library 410, In Person Term Based; Jayanth Panyam, David Stenebjerg, ; 2.6 cr.

6750 Pharmaceutical Care Skills Lab 4

(A-F only; Prereq: Students must have successfully completed Pharm Care Skills 1, 2, and 3, and Applied Pharmaceutical Care. Students must be concomitantly registered in all required PD2 courses in order to have the content required to complete integrated activities, e.g., students must be enrolled in Diabetes

in order to successfully complete the patient care sequence utilizing diabetes content in this course. Exceptions may be made on a case by case basis. Topic areas from prerequisites and corequisites: documentation and care plans, subject matter (GI, pain, cardiovascular, diabetes), medication history taking skills, aseptic technique, philosophy of pharmaceutical care, literature evaluation skills, motivational interviewing skills, pharmacy calculations, drug delivery.)

64873 001 LEC, 10:10-12:05 Th, Kathryn A Martin Library 410, 10:10-12:05 Th, Kathryn A Martin Library 410, 10:10-12:05 Th, Life Sciences Bldg 165, 10:10-12:05 Th, Kathryn A Martin Library 410, In Person Term Based; Jared Van Hooser, Nichole Rupnow, ; 2 cr.

64874 002 LAB, 13:25-15:20 T, Life Sciences Bldg 216, In Person Term Based; Jared Van Hooser, Nichole Rupnow ; 2 cr.

64875 003 LAB, 15:35-17:30 T, Life Sciences Bldg 216, In Person Term Based; Nichole Rupnow, Jared Van Hooser ; 2 cr.

6752 Integrated Endocrinology

(A-F only; Prereq: Students will need to have successfully completed: - Cellular Metabolism/ Nutrition, - Cardiovascular Pharmacotherapy - Pharmaceutical Care Skills Labs 1-3. Students should be concurrently enrolled in Kidney, Fluids, and Electrolytes, and Diabetes and Metabolic Syndrome. Students should be able to describe the function of the overall endocrine systems and the multiple roles of hormones in the body.)

64876 001 LEC, 8:00- 9:55 W, Kathryn A Martin Library 410, 8:00- 9:55 Th, Kathryn A Martin Library 410, 8:00- 9:55 F, Life Sciences Bldg 165, 8:00- 9:55 W, Kathryn A Martin Library 410, 8:00- 9:55 Th, Kathryn A Martin Library 410, 8:00- 9:55 Th, Life Sciences Bldg 165, 8:00- 9:55 Th, Kathryn A Martin Library 410, In Person Term Based; Sarah Westberg, Grant Anderson, ; 2.1 cr.

6754 Diabetes and Metabolic Syndrome

(A-F only; Prereq: Students will need to have successfully completed: Molecular Metabolism/ Nutrition, Cardiovascular Pharmacotherapy concurrent registration is required (or allowed) in Pharmaceutical Care Skills Lab 1-3. Students should be able to describe the physiology of insulin action, incretin hormones, amylin, and the fasting and fed states. Students should be able to describe how insulin is designed and manufactured. Students should be able to describe the following biochemistry topics: carbohydrate metabolism and lipid metabolism, and protein. Students should be able to assess a patient and determine most appropriate pharmacotherapy treatment options for a patient's hypertension and dyslipidemia treatments, including ability to describe, interpret and apply evidence-based guidelines. Students should be able to describe how nutrition impacts energy production, utilization and storage, and obesity. Students need to be able to describe the caloric content of carbohydrates, proteins and lipids

and be able to apply that knowledge to reading food labels and evaluating a patient's nutritional status.)
64877 001 LEC, 10:10-12:05 M, Life Sciences Bldg 165, 13:25-15:20 W, Life Sciences Bldg 165, 13:25-15:20 Th, Kathryn A Martin Library 410, 13:25-15:20 W, Life Sciences Bldg 165, 13:25-15:20 Th, Kathryn A Martin Library 410, In Person Term Based; Kylee Funk, Paul Ranelli, ; 2.1 cr.

6756 Kidney, Fluid, and Electrolytes

(A-F only; Prereq: Students must have completed the following courses successfully: - Applied Pharmaceutical Care, - Foundations of Social and Administrative Pharmacy, - Medicinal Chemistry and Pharmacology of Cardiovascular Agents, - Pharmacokinetics, - Cardiovascular Pharmacotherapy, - Cellular Metabolism and Nutrition See the course syllabus for more detailed prerequisites.)
64878 001 LEC, 8:00- 9:55 M, Kathryn A Martin Library 410, 10:10-12:05 W, Kathryn A Martin Library 410, In Person Term Based; Heather Muster, Wendy St Peter, ; 2.1 cr.

6758 Pulmonary Pharmacotherapy

(A-F only; Prereq: Students must have completed the following courses successfully: - Applied Pharmaceutical Care - Foundations of Social and Administrative Pharmacy - Medicinal Chemistry and Pharmacology of Cardiovascular Agents - Pharmacokinetics, - Cardiovascular Pharmacotherapy, - Cellular Metabolism and Nutrition See the course syllabus for more detailed prerequisites.)
64879 001 LEC, 10:10-12:05 M, Life Sciences Bldg 165, 13:25-15:20 Th, Kathryn A Martin Library 410, 13:25-14:15 W, Life Sciences Bldg 165, In Person Term Based; Megan Undeberg, Jean Moon, ; 1.1 cr.

6778 Pharmacy Law

(A-F only;)
64836 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Cody Wiberg, Jennell Bilek ; 0.7 cr.

6780 Pharmacy Outcomes

(A-F only; Prereq: Phar 6700, 6702, 6704, 6706, 6708, 6710, 7310, 6716, 6718, 6720, 6722, 6724, 6726, 7325, 6732, 6734, 6736, 6738, 6740, 6742, 7330, 6748, 6750, 6752, 6754, 6756, 6758, 7340, 7345, 6770, 6774, 6768, 6762)
64887 001 DIS, 13:25-15:20 Th, Life Sciences Bldg 165, In Person Term Based; Jeannine Conway, Mark Schneiderhan ; 2 cr.

6784 Integrated Oncology

(A-F only; Prereq: PD3 in good academic standing, students will find it helpful to review the following topic areas: Principles of Biochemistry (Lipids [Structure/Function], Proteins [Folding/Conformation]), Cellular Physiology Molecular Biology, Genetics (Cell Biology [signal transduction, DNA replication, transcription, protein translation, cell cycle, apoptosis], Immunology, Tumorigenesis, Angiogenesis, Genetics principles, Anatomy/Physiology [GI tract, pulmonary, hormone and feedback regulation])
64888 001 LEC, 9:05-11:00 W, Life Sciences Bldg 165, 11:15-12:05 M, Life Sciences Bldg 163, In Person Term Based; Venkatram Mereddy, Mark Kirstein, ; 2.8 cr.

6786 Acute Patient Care Pharmacotherapy

(A-F only; Prereq: successful completion of all 1st year, 2nd year, and fall 3rd year coursework)
64889 001 LEC, 13:25-15:20 M, Life Sciences Bldg 163, 13:25-15:20 W, Kathryn A Martin Library 410, 13:25-15:20 F, Kathryn A Martin Library 410, 13:25-15:20 W, Life Sciences Bldg 165, 13:25-15:20 W, Kathryn A Martin Library 410, 13:25-15:20 Th, Kathryn A Martin Library 410, 13:25-15:20 F, Kathryn A Martin Library 410, In Person Term Based; Heather Blue, Scott Chapman, ; 3.4 cr.

6799 Being a Pharmacist

(S-N only; Prerequisite: Successful completion of all courses in the PharmD rotation, with the exception of the final APPE rotation.)
70214 001 LEC, 9:00-17:00 F, , In Person Term Based; Marilyn Speedie ; 0.1 cr.

6900 Curricular Studies for Internship and Pharmacy Employment

(S-N only;)
69914 001 IND, In Person Term Based; Jeannine Conway, Gardner Lepp ; 1 cr.

6903 Assessment and Management of Psychiatric Disorders

(A-F only;)
64910 001 LEC, Primarily Online; Amy Pittenger ; 2 cr.

6908 Drugs of Abuse

(S-N only; Prereq: Organic Chemistry I and Phar 6702)
64855 001 LEC, 15:35-17:30 M, Kathryn A Martin Library 410, In Person Term Based; David Ferguson ; 2 cr.

6913 The Science and Spirit of Wellbeing

(A-F only; Prereq: instr consent)
64885 001 LEC, Completely Online; Meg Little ; 1 cr.

6938 Developing Adaptive Leadership

(A-F only; Prereq: Pharm.D. student; successful completion of Phar 6937)
64880 001 LEC, 15:35-17:30 Th, Life Sciences Bldg 160, 15:35-17:30 Th, Life Sciences Bldg 160, 15:35-17:30 Th, Life Sciences Bldg 160, Independent/Directed Study; Kerry Fierke, Todd Sorensen, Kristin Janke, ; 1 cr.

6940 Leading Change Experience II

(S-N only; Prereq: Phar 6937 and 6938)
64886 001 DIS, 15:35-17:30 Th, , In Person Term Based; Kerry Fierke, Kristin Janke, Todd Sorensen ; 2 cr.

6941 Leadership Best Sellers for Pharmacists

(A-F only;)
64907 001 DIS, Completely Online; Kristin Janke ; 2 cr.

6962 Ethics in Pharmacy Practice

(A-F only; Prereq: 3rd year Pharmacy student)
64904 001 DIS, 8:00- 9:55 M, Life Sciences Bldg 160, In Person Term Based; Tim Stratton ; 2 cr.

6966 Food Medicine: Contemporary Issues (Student Option No Audit;)

64906 001 LEC, In Person Term Based; 1 cr.

6968 Critical Care

(A-F only; Prereq: Successful completion of P1, P2, and Fall of P3 professional pharmacy program. Interest in critical care pharmacy practice and/or clinical research.)
68328 001 LEC, 13:25-15:20 T, Heller Hall 302, In Person Term Based; Dawn Carlson, Debra Skaar ; 1 cr.

6971 Geriatric Pharmacotherapy

(A-F or Audit; Prereq: 3rd or 4th year Pharmacy student)
64821 001 LEC, 10:10-12:05 T, Life Sciences Bldg 163, In Person Term Based; Shellina Scheiner, Michael Swanoski ; 2 cr.

7128 Acute Patient Care Practice Experience II

(A-F only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, proof of negative Mantoux test [or explanation of positive test], proof of chicken pox immunity)
64829 001 FWK, 00:00-00:00 , , In Person Term Based; 4 cr.

7213 Elective Practice Experience III

(A-F only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, proof of negative Mantoux test [or explanation of positive test], proof of chicken pox immunity)
64832 001 FWK, 00:00-00:00 , , In Person Term Based; 4 cr.

7214 Elective Practice Experience IV

(A-F only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, proof of negative Mantoux test [or explanation of positive test], proof of chicken pox immunity)
64847 001 IND, 00:00-00:00 , , Independent/Directed Study; 4 cr.

7340 Community Teacher Experience II

(S-N only; Prereq: Students must have completed or be currently enrolled in the following courses: Becoming a Pharmacist, Foundations of Pharmaceutical Care, Applied Pharmaceutical Care, Pharmaceutical Skills Lab I, II, and III, EPHCT I, and Foundations of SAPH)
64881 001 FWK, 00:00-00:00 , , Independent/Directed Study; Jeannine Conway, Keri Hager, Donald Uden ; 0.4 cr.

7401 Acute Patient Care Practice Experience

(S-N only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, proof of negative Mantoux test [or explanation of positive test], proof of chicken pox immunity)

64826 001 FWK, In Person Term Based; Scott Chapman ; 12 cr.

7411 Ambulatory Patient Care Practice Experience I

(S-N only; Prereq: Pharm.D. IV, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, proof of negative Mantoux test [or explanation of positive test], proof of chicken pox immunity)
64827 001 FWK, In Person Term Based; Jean Moon ; 5 cr.

7412 Ambulatory Care Elective 2

(S-N only; Prereq: Pharm.D. IV, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, proof of negative Mantoux test [or explanation of positive test], proof of chicken pox immunity)
68282 001 FWK, In Person Term Based; Jean Moon ; 5 cr.

7413 Community Pharmacy Practice Experience

(S-N only; Prereq: Pharm.D. IV, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, proof of negative Mantoux test [or explanation of positive test], proof of chicken pox immunity)
64825 001 FWK, In Person Term Based; Caitlin Frail ; 5 cr.

7421 Elective Practice Experience I

(S-N only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, proof of negative Mantoux test [or explanation of positive test], proof of chicken pox immunity)
64830 001 FWK, In Person Term Based; Angela Cortese, Christene Jolowsky, Ann Philbrick ; 5 cr.

7422 Elective Practice Experience II

(S-N only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, proof of negative Mantoux test [or explanation of positive test], proof of chicken pox immunity)
64831 001 FWK, In Person Term Based; Angela Cortese, Ann Philbrick, Christene Jolowsky ; 5 cr.

7431 Patient Care Practice Experience Elective I

(S-N only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, proof of negative Mantoux test [or explanation of positive test], proof of chicken pox immunity)
64828 001 FWK, In Person Term Based; Ann Philbrick, Christene Jolowsky ; 5 cr.

7432 Patient Care Practice Experience Elective 2

(S-N only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, proof of negative Mantoux test [or explanation of positive test], proof of chicken pox immunity)
68283 001 FWK, In Person Term Based; Ann Philbrick, Christene Jolowsky ; 5 cr.

7433 Patient Care Practice Experience Elective 3

(S-N only; Prereq: Pharm.D. I-III, MN Board of Pharmacy intern, criminal background check, BLS CPR certification, proof of negative Mantoux test [or explanation of positive test], proof of chicken pox immunity)
68284 001 FWK, In Person Term Based; Ann Philbrick, Christene Jolowsky ; 5 cr.

Philosophy (PHIL)

1001 Introduction to Philosophy

(A-F or Audit; HUMANITIES)
62156 001 LEC, 9:00- 9:50 MWF, Humanities Building 314, In Person Term Based; Jeanine Schroer ; 3 cr.
62321 002 LEC, 14:00-15:15 TTh, Humanities Building 314, In Person Term Based; Alexis Elder ; 3 cr.

1003 Ethics and Society

(A-F or Audit; Prereq: credit will not be granted if already received for CLA 1101HUMANITIES.CDIVERSITY)

62157 001 LEC, 11:00-12:15 TTh, Humanities Building 314, In Person Term Based; Sean Walsh ; 3 cr.

1007 Philosophy and World Religions

(A-F or Audit; HUMANITIES, GLOBAL PER)
62158 001 LEC, Completely Online; Sharon Rabinoff ; 3 cr.
62454 002 LEC, Completely Online; Sharon Rabinoff ; 3 cr.
69259 003 LEC, Completely Online; Kelly MacPhail ; 3 cr.

1018 Logic

(A-F or Audit; LOGIC & QR)
62627 001 LEC, 13:00-13:50 MTWF, Solon Campus Center 120, In Person Term Based; Robert Schroer ; 4 cr.

2001 Existential Literature

(A-F or Audit; Prereq: WRIT 1120, 30 cr or instructor consent) HUMANITIES
65667 001 LEC, 8:00- 8:50 MWF, Cina Hall 224, In Person Term Based; Jeanine Schroer ; 3 cr.

2011 Philosophy of Language

(A-F or Audit; Prereq: Course in logic or literary analysis or human communication or CS or math or instructor consent) SOC SCI
65668 001 LEC, 8:00- 9:15 TTh, Cina Hall 224, In Person Term Based; Jason Ford ; 3 cr.

3025 Philosophy of Race and Racism

(A-F or Audit; Prereq: minimum 30 credits or instructor consent)
62417 001 LEC, 14:00-15:50 MW, A B Anderson Hall 245, In Person Term Based; Jeanine Schroer ; 4 cr.

3231 Law and Punishment

(A-F or Audit; Prereq: 1001 or SOC 1301 or CRIM 1301)
65669 001 LEC, 14:00-15:50 TTh, A B Anderson Hall 225, In Person Term Based; Jason Ford ; 4 cr.

3281 Ethical Theory

(A-F or Audit; Prereq: 1001 or 1003 or instructor consent; credit will not be granted if already received for CLA 1101)
65670 001 LEC, 15:00-16:50 TTh, Heller Hall 216, In Person Term Based; Sean Walsh ; 4 cr.

3303 The Birth of Modern Philosophy

(A-F or Audit; Prereq: 30 cr, course in phil, hist, pol sci or lit or instructor consent)
67206 001 LEC, 8:00- 9:50 MW, Ed Endazhigikino/amaading 40, In Person Term Based; Robert Schroer ; 4 cr.

3325 Environmental Ethics

(A-F or Audit; Prereq: 30 cr or instructor consent) HUMANITIES, SUSTAIN
62629 001 LEC, 9:00-10:50 TTh, M W Alworth Hall 191, In Person Term Based; Alexis Elder ; 4 cr.

3655 Theory of Knowledge

(A-F or Audit; Prereq: (Min 45 cr or instructor consent), 1001, 1003, 1007, 1008, 1018, (1101 or 1118), credit will not be granted if already received for PHIL 4655)
65672 001 LEC, 11:00-12:50 MW, Heller Hall 216, In Person Term Based; Robert Schroer ; 4 cr.

3900 Colloquium for Majors

(S-N or Audit; Prereq: Phil major/minor, department consent ; attendance at 12 dept-approved lectures/discussions over 4-yr period; regis only during semester of 10th lect)
62203 001 LEC, In Person Term Based; Jason Ford ; 1 cr.

5991 Independent Study

(A-F or Audit; Prereq: instructor consent)
62210 001 IND, Independent/Directed Study; Robert Schroer ; 1-3 cr.
62631 002 IND, In Person Term Based; Jeanine Schroer ; 1-3 cr.
62632 003 IND, In Person Term Based; Jason Ford ; 1-3 cr.
62633 004 IND, In Person Term Based; Alexis Elder ; 1-3 cr.
62634 005 IND, In Person Term Based; Sharon Rabinoff ; 1-3 cr.
62635 006 IND, In Person Term Based; Sean Walsh ; 1-3 cr.

5997 Intern Teaching Assistantship

(A-F or Audit; Prereq: instructor consent)
62204 001 FWK, 00:00-00:00 , , Independent/Directed Study; Robert Schroer ; 2 cr.
62636 002 FWK, In Person Term Based; Jeanine Schroer ; 2 cr.
62637 003 FWK, In Person Term Based; Sean Walsh ; 2 cr.
62638 004 FWK, In Person Term Based; Sharon Rabinoff ; 2 cr.
62639 005 FWK, In Person Term Based; Jason Ford ; 2 cr.

62640 006 FWK, In Person Term Based; Alexis Elder ; 2 cr.

Physical Education (PE)

1300 Ballroom Dance

(Student Option;)
61886 001 LAB, 18:00-19:50 M, Sports and Health Center 135, 18:00-19:50 M, Sports and Health Center 155, In Person Term Based; Cynthia Carlson ; 1 cr.

1402 Tennis

(Student Option;)
61590 001 LAB, 10:00-10:50 MW, Ward Wells Field House 25, In Person Term Based; Ann Hockett ; 1 cr.

1500 Cross-Country Skiing

(Student Option;)
61544 001 LAB, 9:00-11:30 Th, Sports and Health Center 9A, In Person Term Based; Matti Erpestad ; 1 cr.

1502 Alpine Skiing

(A-F or Audit;)
61887 001 LAB, 18:00-21:00 W, Spirit Mountain, In Person Term Based; Gregory Petry ; 1 cr.

1507 Introduction to River Kayaking

(Student Option;)
61591 001 LAB, 14:00-15:40 T, Sports and Health Center 20, In Person Term Based; Randall Carlson ; 1 cr.

1530 Rock Climbing

(Student Option;)
61749 001 LAB, 14:00-18:00 T, Sports and Health Center 78, In Person Term Based; 1 cr.

1601 Aerobics

(Student Option;)
61546 001 LAB, 8:00- 8:50 MW, Sports and Health Center 135, 8:00- 8:50 MW, Sports and Health Center 155, In Person Term Based; Patricia Wendinger ; 1 cr.

1614 Self Defense

(Student Option;)
61854 001 LAB, 18:00-19:50 T, Sports and Health Center 135, 18:00-19:50 T, Sports and Health Center 155, In Person Term Based; Bruce Sodahl ; 1 cr.

1615 Jujutsu

(Student Option;)
61852 001 LAB, 12:00-12:50 TTh, Sports and Health Center 150A, 12:00-12:50 TTh, Sports and Health Center 155, In Person Term Based; Jason Davis ; 1 cr.

1616 Weight Training

(Student Option;)
61541 001 LAB, 9:30-10:20 TTh, Sports and Health Center 92, In Person Term Based; Patricia Wendinger ; 1 cr.

1708 Basketball

(Student Option;)
61586 001 LAB, 9:00- 9:50 MW, Sports and Health Center 150, 9:00- 9:50 MW, Sports and Health Center 155, In Person Term Based; Patricia Wendinger ; 1 cr.

1905 Varsity Basketball

(S-N only; Prereq: instructor consent)
61601 001 LAB, In Person Term Based; Matt Bowen ; 1 cr.
61602 002 LAB, In Person Term Based; Amanda Pearson ; 1 cr.

1907 Varsity Ice Hockey

(S-N only; Prereq: instructor consent)
61603 001 LAB, In Person Term Based; Scott Sandelin ; 1 cr.
61604 002 LAB, In Person Term Based; Maura Crowell ; 1 cr.

1917 Varsity Volleyball

(S-N only; Prereq: instructor consent)
69731 001 LAB, In Person Term Based; Jim Boos ; 1 cr.

1919 Varsity Track

(S-N only; Prereq: instructor consent)
61596 001 LAB, In Person Term Based; Joanna Warrington ; 1 cr.
61789 002 LAB, In Person Term Based; Paul Nisius ; 1 cr.

1921 Varsity Tennis

(S-N only; Prereq: instructor consent)
61739 001 LAB, In Person Term Based; Bob Skenzich ; 1 cr.

1925 Varsity Baseball

(S-N only; Prereq: instructor consent)
61594 001 LAB, In Person Term Based; Bob Rients ; 1 cr.

1927 Varsity Softball

(S-N only; Prereq: instructor consent)
61595 001 LAB, In Person Term Based; Jennifer Walter ; 1 cr.

Physical Education Teacher (PETE)

1003 Teaching Outdoor Activities in Physical Education

(A-F or Audit; Prereq: Pre-Physical Education Major)
61772 001 LEC, 8:00- 9:15 TTh, Sports and Health Center 150, 8:00- 9:15 TTh, Sports and Health Center 208, 8:00- 9:15 TTh, Sports and Health Center 90, In Person Term Based; Patricia Wendinger ; 2 cr.

1004 Teaching Recreational and Lifetime Activities

(A-F or Audit; Prereq: Pre-Physical Education major)
61771 001 LEC, 9:30-10:45 TTh, Sports and Health Center 150A, 9:30-10:45 T, Sports and Health Center 207, 9:30-10:45 Th, Ward Wells Field House 25, 9:30-10:45 TTh, Sports and Health Center 155, In Person Term Based; Jim Knapp ; 2 cr.

1005 Teaching Physical Fitness Activities

(A-F or Audit; Prereq: Pre PE major)
61828 001 LEC, 8:00- 8:50 MWF, Ward Wells Field House 25, 8:00- 8:50 MWF, Sports and Health Center 150, 8:00- 8:50 MWF, Sports and Health Center 92, 8:00- 8:50 MWF, Sports and Health Center 208, 8:00- 8:50 MWF, Sports and Health Center 90, In Person Term Based; Jim Knapp ; 2 cr.

1007 Teaching Dance Activities

(A-F or Audit; Prereq: Pre PE major)
61717 001 LEC, 9:00- 9:50 MWF, Sports and Health Center 135, 9:00- 9:50 MWF, Sports and Health Center 90, In Person Term Based; Jim Knapp ; 2 cr.

3200 Developmental Movement: Concepts and Experiences

(A-F or Audit;)
66905 001 LEC, 10:00-10:50 MWF, Engineering Building 177, In Person Term Based; Patricia Wendinger ; 3 cr.

3501 Teaching Cross-Country Skiing

(A-F or Audit; Prereq: PE 1500 or instructor consent)
61619 001 LEC, 9:00-11:30 T, Sports and Health Center 9A, In Person Term Based; Matti Erpestad ; 1 cr.

3507 Teaching Outdoor Skills II

(Student Option; Prereq: Environmental Outdoor Education or PE major and ENED 1201 or 1203 and ENED 1202 or 1204, and ENED 2300; credit will not be granted if already received for 1507)
61561 001 LEC, 14:00-16:50 T, Sports and Health Center 9, 14:00-16:50 T, Bagley Classroom, In Person Term Based; Matti Erpestad ; 2 cr.

4100 Elementary Physical Education Methods

(A-F or Audit; Prereq: 3400, 3500, Secondary Teacher Education Program (STEP), instructor consent; PETE 4125 (concurrent registration allowed))
62064 001 LEC, 8:00-11:50 TTh, Room TBA, In Person Term Based; Ann Hockett ; 4 cr.

4125 Apprenticeship: Elementary

(A-F or Audit; Prereq: Secondary Teacher Education Program (STEP), pre or co-req PETE 4100 and instructor consent; no grad credit)
61633 001 FWK, Independent/Directed Study; Ann Hockett ; 2 cr.

4250 Supervised Teaching College I: Planning for Instruction

(A-F only; Prereq: 4100 or 4200, Secondary Teacher Education Program (STEP), instructor consent; no grad credit)
61559 001 FWK, 13:00-13:50 Th, Sports and Health Center 207, Independent/Directed Study; Patricia Wendinger ; 1 cr.

4255 Supervised Teaching College II: Implementation and Class Management

(A-F or Audit; Prereq: 4250 and instructor consent; no grad credit)
61888 001 FWK, 9:00- 9:50 F, Sports and Health Center 8, Independent/Directed Study; Patricia Wendinger ; 1 cr.

4600 Seminar in Physical Education**(A-F or Audit; Prereq: Physical Education candidate; no grad credit)**

61783 001 LEC, 19:00-19:50 T, Sports and Health Center 210, In Person Term Based; Ann Hockett ; 1 cr.

4991 Independent Study**(A-F or Audit; Prereq: PE or Exer Sci major and instructor consent; no grad credit)**61760 002 IND, Independent/Directed Study; Jane Carlson ; 1-4 cr.
69706 003 IND, In Person Term Based; Mark Nierengarten ; 1-4 cr.**4992 Directed Readings****(A-F or Audit; Prereq: instructor consent; no grad credit)**

61773 001 IND, Independent/Directed Study; Jane Carlson ; 1-3 cr.

Physics (PHYS)**1001 Introduction to Physics I****(A-F or Audit; Prereq: Algebra, trigNAT SCI)**62981 001 LEC, 8:00- 8:50 MTWF, M W Alworth Hall 195, In Person Term Based; Darrin Johnson ; 5 cr.
62982 002 LAB, 9:00-10:50 T, M W Alworth Hall 275, In Person Term Based; 5 cr.
62983 003 LAB, 11:00-12:50 T, M W Alworth Hall 275, In Person Term Based; 5 cr.
62989 007 LAB, 8:00- 9:50 Th, M W Alworth Hall 275, In Person Term Based; 5 cr.
63698 004 LAB, 15:00-16:50 T, M W Alworth Hall 275, In Person Term Based; Darrin Johnson ; 5 cr.
63699 006 LAB, 13:00-14:50 W, M W Alworth Hall 275, In Person Term Based; Darrin Johnson ; 5 cr.
66758 008 LAB, 12:00-13:50 Th, M W Alworth Hall 275, In Person Term Based; Darrin Johnson ; 5 cr.**1002 Introduction to Physics II****(A-F or Audit; Prereq: 1001 or 2013 or 2017)**62690 001 LEC, 9:00- 9:50 MTWF, M W Alworth Hall 195, In Person Term Based; Jacob Wainman ; 5 cr.
62691 002 LAB, 10:00-11:50 T, M W Alworth Hall 249, In Person Term Based; 5 cr.
62692 003 LAB, 12:00-13:50 T, M W Alworth Hall 249, In Person Term Based; 5 cr.
62693 004 LAB, 14:00-15:50 T, M W Alworth Hall 249, In Person Term Based; 5 cr.
62694 006 LAB, 16:00-17:50 W, M W Alworth Hall 249, In Person Term Based; 5 cr.
62986 007 LAB, 8:00- 9:50 Th, M W Alworth Hall 249, In Person Term Based; 5 cr.
62990 008 LAB, 10:00-11:50 Th, M W Alworth Hall 249, In Person Term Based; 5 cr.
63810 009 LAB, 16:00-17:50 Th, M W Alworth Hall 249, In Person Term Based; 5 cr.**1011 Conceptual Physics****(A-F or Audit; Prereq: Will not satisfy major or minor requirements in physNAT SCI)**

63480 001 LEC, 13:00-13:50 MWF, M W Alworth Hall 195, In Person Term Based; Darrin Johnson ; 3 cr.

1033 Cosmology, String Theory and the Death of the Universe**(A-F or Audit; NAT SCI)**

67740 001 LEC, 11:00-11:50 MWF, M W Alworth Hall 195, In Person Term Based; John Hiller ; 3 cr.

2013 General Physics I**(A-F or Audit; Prereq: previous or concurrent registration in PHYS 2014. Prerequisite of Math 1290 or 1296 or 1596; credit will not be granted if already received for PHYS 1201 or 2011.NAT SCI)**63401 001 LEC, 14:00-15:50 TTh, M W Alworth Hall 347, In Person Term Based; Eric West ; 4 cr.
63402 011 LEC, 10:00-11:50 MW, M W Alworth Hall 347, In Person Term Based; Eric West ; 4 cr.
63466 002 DIS, 14:00-14:50 F, Cina Hall 316, In Person Term Based; Sophia Chabysheva ; 4 cr.
63467 003 DIS, 15:00-15:50 F, Cina Hall 316, In Person Term Based; Sophia Chabysheva ; 4 cr.
63468 012 DIS, 10:00-10:50 F, James I Swenson Sci Bldg 216, In Person Term Based; Sophia Chabysheva ; 4 cr.
63469 013 DIS, 11:00-11:50 F, James I Swenson Sci Bldg 216, In Person Term Based; Sophia Chabysheva ; 4 cr.
63650 021 LEC, 14:00-15:50 MW, M W Alworth Hall 347, In Person Term Based; Audrey Todhunter ; 4 cr.
63651 022 DIS, 14:00-14:50 F, Kirby Plaza 385, In Person Term Based; John Hiller ; 4 cr.
63652 023 DIS, 15:00-15:50 F, Kirby Plaza 385, In Person Term Based; John Hiller ; 4 cr.

63653 031 LEC, 10:00-11:50 TTh, M W Alworth Hall 347, In Person Term Based; Bruce Ludewig ; 4 cr.

63654 032 DIS, 10:00-10:50 F, James I Swenson Sci Bldg 115, In Person Term Based; John Gustafson ; 4 cr.

63655 033 DIS, 11:00-11:50 F, James I Swenson Sci Bldg 115, In Person Term Based; Eric West ; 4 cr.

63751 041 LEC, 8:00- 9:50 MW, M W Alworth Hall 347, In Person Term Based; Audrey Todhunter ; 4 cr.

63752 042 DIS, 8:00- 8:50 F, Ed Endazhi-gikinoo'amaading 40, In Person Term Based; John Gustafson ; 4 cr.

63753 043 DIS, 9:00- 9:50 F, Kirby Plaza 385, In Person Term Based; John Gustafson ; 4 cr.

2014 General Physics Lab I**(A-F or Audit; Prereq: previous or concurrent enrollment in PHYS 2013NAT SCI)**63403 001 LAB, 8:00- 9:50 T, M W Alworth Hall 277, In Person Term Based; 1 cr.
63405 004 LAB, 14:00-15:50 T, M W Alworth Hall 277, In Person Term Based; 1 cr.
63406 005 LAB, 16:00-17:50 T, M W Alworth Hall 277, In Person Term Based; 1 cr.
63407 007 LAB, 10:00-11:50 W, M W Alworth Hall 277, In Person Term Based; 1 cr.
63408 008 LAB, 13:00-14:50 W, M W Alworth Hall 277, In Person Term Based; 1 cr.
63409 009 LAB, 16:00-17:50 W, M W Alworth Hall 277, In Person Term Based; 1 cr.
63411 011 LAB, 8:00- 9:50 Th, M W Alworth Hall 277, In Person Term Based; 1 cr.
63412 012 LAB, 10:00-11:50 Th, M W Alworth Hall 277, In Person Term Based; 1 cr.
63413 013 LAB, 12:00-13:50 Th, M W Alworth Hall 277, In Person Term Based; 1 cr.
63414 015 LAB, 16:00-17:50 Th, M W Alworth Hall 277, In Person Term Based; Jonathan Maps ; 1 cr.
63811 016 LAB, 9:00-10:50 F, M W Alworth Hall 277, In Person Term Based; 1 cr.
66848 002 LAB, 10:00-11:50 T, M W Alworth Hall 277, In Person Term Based; 1 cr.
66850 006 LAB, 18:00-19:50 T, M W Alworth Hall 277, In Person Term Based; 1 cr.
66853 017 LAB, 13:00-14:50 F, M W Alworth Hall 277, In Person Term Based; 1 cr.**2015 General Physics II****(A-F or Audit; Prereq: previous or concurrent registration in 2016. Prerequisite of 2011 or 2013 and 2014, Math 1297 or 1597; credit will not be granted if already received for PHYS 1202, 1204 or 2012.)**63415 001 LEC, 12:00-13:50 MW, M W Alworth Hall 347, In Person Term Based; Bruce Ludewig ; 4 cr.
63416 011 LEC, 16:00-17:50 MW, M W Alworth Hall 347, In Person Term Based; Bill Wolz ; 4 cr.
63470 002 DIS, 12:00-12:50 F, Bohannon Hall 104, In Person Term Based; Robin Berglund ; 4 cr.
63471 003 DIS, 13:00-13:50 F, James I Swenson Sci Bldg 115, In Person Term Based; Robin Berglund ; 4 cr.
63472 012 DIS, 16:00-16:50 F, Cina Hall 316, In Person Term Based; Robin Berglund ; 4 cr.
63473 013 DIS, 17:00-17:50 F, Cina Hall 316, In Person Term Based; Robin Berglund ; 4 cr.
63804 021 LEC, 12:00-13:50 TTh, M W Alworth Hall 347, In Person Term Based; Audrey Todhunter ; 4 cr.
63805 022 DIS, 12:00-12:50 F, Kirby Plaza 385, In Person Term Based; Bill Wolz ; 4 cr.
63806 023 DIS, 13:00-13:50 F, Kirby Plaza 385, In Person Term Based; Bill Wolz ; 4 cr.
63807 031 LEC, 16:00-17:50 TTh, M W Alworth Hall 347, In Person Term Based; Jonathan Maps ; 4 cr.
63808 032 DIS, 16:00-16:50 F, Kirby Plaza 385, In Person Term Based; Bill Wolz ; 4 cr.
63809 033 DIS, 17:00-17:50 F, Kirby Plaza 385, In Person Term Based; Bill Wolz ; 4 cr.**2016 General Physics Lab II****(A-F or Audit; Prereq: Previous or concurrently enrollment in PHYS 2015 or 2018.)**63417 001 LAB, 8:00- 9:50 T, M W Alworth Hall 241, In Person Term Based; 1 cr.
63419 004 LAB, 14:00-15:50 T, M W Alworth Hall 241, In Person Term Based; 1 cr.
63420 005 LAB, 16:00-17:50 T, M W Alworth Hall 241, In Person Term Based; 1 cr.
63421 007 LAB, 10:00-11:50 W, M W Alworth Hall 241, In Person Term Based; 1 cr.
63422 008 LAB, 16:00-17:50 W, M W Alworth Hall 241, In Person Term Based; 1 cr.
63424 011 LAB, 10:00-11:50 Th, M W Alworth Hall 241, In Person Term Based; 1 cr.
63425 012 LAB, 14:00-15:50 Th, M W Alworth Hall 241, In Person Term Based; 1 cr.
63543 013 LAB, 16:00-17:50 Th, M W Alworth Hall 241, In Person Term Based; 1 cr.
63813 015 LAB, 8:00- 9:50 F, M W Alworth Hall 241, In Person Term Based; 1 cr.

66854 003 LAB, 12:00-13:50 T, M W Alworth Hall 241, In Person Term Based; 1 cr.

66856 009 LAB, 18:00-19:50 W, M W Alworth Hall 241, In Person Term Based; 1 cr.

2018 Honors General Physics II**(A-F or Audit; Prerequisites: Previous or concurrent registration in PHYS 2016; PHYS 2013 or 2017; co-registration in or prior completion of Math 1287 or 1597 or instruction permission. Credit will not be granted if already received for PHYS 1202 or 1204 or 2012 or 2015.)**

63656 001 LEC, 11:00-11:50 MTWTh, M W Alworth Hall 397, In Person Term Based; Richard Gran ; 4 cr.

63657 002 DIS, 11:00-11:50 F, M W Alworth Hall 397, In Person Term Based; Jay Austin ; 4 cr.

2021 Relativity and Quantum Physics**(A-F or Audit; Prereq: 1202 or 1204 or 2012 or (2015 and 2016))**

62695 001 LEC, 14:00-14:50 MTWF, M W Alworth Hall 397, In Person Term Based; Jay Austin ; 4 cr.

2033 Classical and Quantum Physics Lab**(A-F or Audit; Prereq: 2021 and 2022 (concurrent registration is allowed))**

62984 001 LAB, 9:00-12:50 T, M W Alworth Hall 395, In Person Term Based; Alec Habig ; 2 cr.

2199 Physics Tutoring**(S-N or Audit; Prereq: 2012 or 2015 and 2016, department consent)**

62703 001 IND, 00:00-00:00 , , Independent/Directed Study; Jay Austin ; 1-2 cr.

3091 Independent Study**(A-F or Audit; Prereq: department consent)**

62701 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.

3094 Physics Research**(S-N or Audit; Prereq: department consent)**

62702 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-6 cr.

4011 Electromagnetic Theory**(A-F or Audit; Prereq: 3033)**

63028 001 LEC, 15:00-16:40 TTh, M W Alworth Hall 397, In Person Term Based; Vitaly Vanchurin ; 4 cr.

4031 Thermal and Statistical Physics**(A-F or Audit; Prereq: 2021)**

63649 001 LEC, 10:00-10:50 MTWF, M W Alworth Hall 397, In Person Term Based; Richard Gran ; 4 cr.

5033 Introduction to Particle Physics**(A-F or Audit; Prereq: 2021, 2022, MATH 3280, 3298)**

66842 001 LEC, 13:00-13:50 MWF, M W Alworth Hall 397, In Person Term Based; John Hiller ; 3 cr.

5063 Theoretical Methods**(A-F or Audit;)**

66843 001 LEC, 15:00-16:15 MW, M W Alworth Hall 397, In Person Term Based; Vitaly Vanchurin ; 3 cr.

5090 Physics Seminar**(A-F or Audit; Prereq: Sr or grad student)**

63029 001 LEC, 16:00-16:50 F, M W Alworth Hall 191, In Person Term Based; Eric West ; 1 cr.

5511 Electrodynamics**(A-F or Audit; Prereq: 4011)**

63745 001 LEC, 12:00-12:50 MWF, M W Alworth Hall 397, In Person Term Based; Sophia Chabysheva ; 3 cr.

5531 Introduction to Solid State Physics**(A-F or Audit; Prereq: 4021, 4031)**

66844 001 LEC, 9:00- 9:50 MWF, M W Alworth Hall 397, In Person Term Based; Jonathan Maps ; 3 cr.

5591 Independent Study**(S-N or Audit; Prereq: Consent of director of graduate studies, instructor consent)**

62778 001 IND, 00:00-00:00 , , Independent/Directed Study; 1-3 cr.

5594 Physics Research**(S-N or Audit; Prereq: instructor consent)**

62779 001 IND, Independent/Directed Study; 1-3 cr.

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

62688 001 IND, Independent/Directed Study; 1 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required (Plan A only))
62944 001 IND, Independent/Directed Study; ; 1-18 cr.

Political Science (POL)**1011 American Government and Politics**

(A-F or Audit; SOC SCI)
62180 001 LEC, 12:00-12:50 MWF, Humanities Building 314, In Person Term Based; Cynthia Rugeley ; 3 cr.
62282 002 LEC, 9:30-10:45 TTh, Engineering Building 290, In Person Term Based; Geoff Sheagley ; 3 cr.

1050 International Relations

(A-F or Audit; GLOBAL PER)
62600 001 LEC, 14:00-14:50 MWF, Montague Hall 70, In Person Term Based; Cindy Christian ; 3 cr.

1500 Introduction to Comparative Politics

(A-F or Audit; GLOBAL PER)
62298 001 LEC, 9:00- 9:50 MWF, Labovitz Schl Bus & Econ 135, In Person Term Based; Runa Das ; 3 cr.

1610 Introduction to Political Theory

(A-F or Audit; HUMANITIES)
62181 001 LEC, 8:00- 8:50 MWF, A B Anderson Hall 245, In Person Term Based; Paul Sharp ; 3 cr.

1800 Mock Trial

(A-F or Audit; Prereq: Students may take this course twice for a maximum of 6 credits. Political Science majors and minors may only apply one attempt towards the major or minor. Political Science majors and minors may only take the course once.)
62404 001 LEC, 18:00-20:50 Th, Cina Hall 106, In Person Term Based; Nathan LaCourseire ; 3 cr.

3001 American Public Policy

(A-F or Audit; Prereq: 1011, min 45 cr or instructor consent)
65766 001 LEC, 14:00-14:50 MWF, Ed Endazhiginkoo/amaading 16, In Person Term Based; Cynthia Rugeley ; 3 cr.

3097 Government Internship

(S-N or Audit; Prereq: 60 cr; 4 cr max from 3097, 3197, 3297 may be applied toward advanced political science major requirements; instructor consent)
62214 001 FWK, 00:00-00:00 , , Independent/Directed Study; Paul Sharp ; 1-12 cr.
62254 002 FWK, 00:00-00:00 , , Independent/Directed Study; Joseph Staats ; 1-12 cr.

3151 American Constitutional Law II

(A-F or Audit; Prereq: 1011, 45 cr or instructor consent)
62182 001 LEC, 9:30-10:45 TTh, Ed Endazhiginkoo/amaading 32, In Person Term Based; Joseph Staats ; 3 cr.

3197 Nongovernmental Internship

(S-N or Audit; Prereq: 60 cr; 4 cr max from 3097, 3197, 3297 may be applied toward advanced political science major requirements; instructor consent)
62213 001 FWK, 00:00-00:00 , , Independent/Directed Study; Paul Sharp ; 1-12 cr.
62259 002 FWK, 00:00-00:00 , , Independent/Directed Study; Joseph Staats ; 1-12 cr.

3311 Public Opinion and Polling Methods

(A-F only; Prereq: 1011 or equivalent, 45 cr)
65768 001 LEC, 12:00-13:50 TTh, A B Anderson Hall 245, In Person Term Based; Geoff Sheagley ; 4 cr.

3456 International Security: War and More

(A-F or Audit; Prereq: Minimum 45 credits)
65767 001 LEC, 11:00-12:50 TTh, Humanities Building 470, In Person Term Based; Mary Caprioli ; 4 cr.

3518 Transitional Politics of Asia

(A-F only;)
65771 001 LEC, 13:00-13:50 MWF, M W Alworth Hall 191, In Person Term Based; Runa Das ; 3 cr.

3570 Politics of Developing Nations

(A-F or Audit; Prereq: 1050 or 1500 or 8 cr social sciences, 45 cr or instructor consent)
65770 001 LEC, 11:00-11:50 MWF, Chemistry Building 251, In Person Term Based; Runa Das ; 3 cr.

3575 Latin American Politics and Development

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

65772 001 LEC, 10:00-11:50 TTh, Cina Hall 102, In Person Term Based; Shannon Walsh ; 4 cr.

3580 Central American Politics

(A-F or Audit; Prereq: 1050, minimum 45 credits or instructor permission)
65773 001 LEC, 16:00-17:50 TTh, Kirby Plaza 312, In Person Term Based; Shannon Walsh ; 4 cr.

3610 Political Economy: An Introduction

(A-F or Audit; Prereq: minimum 45 credits or instructor consent)
65769 001 LEC, 14:00-15:15 TTh, A B Anderson Hall 245, In Person Term Based; Joseph Staats ; 3 cr.

4190 The Senior Seminar

(A-F or Audit; Prereq: 6 cr in relevant upper division political science courses, instructor consent)
62239 001 LEC, 18:00-21:50 W, Cina Hall 214, In Person Term Based; Cynthia Rugeley ; 4 cr.

4191 Independent Study

(A-F or Audit; Prereq: 8 cr in political science, 6 cr in other social sciences, instructor consent)
62192 001 IND, 00:00-00:00 , , Independent/Directed Study; Mary Caprioli ; 1-4 cr.
62261 003 IND, 00:00-00:00 , , Independent/Directed Study; Cynthia Rugeley ; 1-4 cr.
62262 004 IND, 00:00-00:00 , , Independent/Directed Study; Runa Das ; 1-4 cr.
62263 005 IND, 00:00-00:00 , , Independent/Directed Study; Joseph Staats ; 1-4 cr.
62292 006 IND, 00:00-00:00 , , Independent/Directed Study; Paul Sharp ; 1-4 cr.
62293 007 IND, 00:00-00:00 , , Independent/Directed Study; Shannon Walsh ; 1-4 cr.
69553 008 IND, Independent/Directed Study; Geoff Sheagley ; 1-4 cr.

4195 Special Topics: (Various Titles to Be Assigned)

(A-F or Audit; Prereq: 45 credits or instructor consent)
67372 001 LEC, 18:00-20:50 M, Cina Hall 106, In Person Term Based; Don Ness ; 3 cr.

4910 Teaching Assistantship in Political Science

(S-N or Audit; Prereq: 90 cr, political science major, instructor consent; 3 cr max may be applied to upper division political science major requirements and between Pol 3109 and 4910; no grad credit)
62215 001 FWK, 00:00-00:00 , , Independent/Directed Study; Runa Das ; 1-2 cr.
62255 002 FWK, 00:00-00:00 , , Independent/Directed Study; Mary Caprioli ; 1-2 cr.
62256 003 FWK, 00:00-00:00 , , Independent/Directed Study; Cynthia Rugeley ; 1-2 cr.
62257 004 FWK, 00:00-00:00 , , Independent/Directed Study; Cindy Christian ; 1-2 cr.
62258 005 FWK, 00:00-00:00 , , Independent/Directed Study; Shannon Walsh ; 1-2 cr.
62610 006 FWK, In Person Term Based; Geoff Sheagley ; 1-2 cr.

Psychology (PSY)**1003 General Psychology**

(A-F or Audit; SOC SCI)
61519 001 LEC, 13:00-13:50 MTWTh, Bohannon Hall 90, In Person Term Based; Kathryn Apostol ; 4 cr.
61520 002 LEC, 14:00-14:50 MTWTh, Bohannon Hall 90, In Person Term Based; Kathryn Apostol ; 4 cr.

2003 Psychology: Discipline and Profession

(A-F only; Prereq: Pre-psychology or psychology major)
61924 001 LEC, 14:00-14:50 W, Chemistry Building 150, In Person Term Based; ; 1 cr.

2020 Introduction to Statistics and Research Methods

(A-F or Audit; Prereq: psychology minor or Social Work major)
61925 050 LEC, Online & Distance Lrng (ODL); Ryan Hjellev ; 3 cr.

2021 Developmental Psychology

(A-F or Audit; SOC SCI, DIVERSITY)
61665 003 LEC, 9:00- 9:50 MTWTh, Bohannon Hall 90, In Person Term Based; Kathy Dowell ; 4 cr.

61767 004 LEC, 15:00-15:50 MTWTh, Life Sciences Bldg 185, In Person Term Based; Katie Axford ; 4 cr.
62013 051 LEC, Completely Online; Sandra Woolum ; 4 cr.

2023 Marriages and Families Worldwide

(A-F or Audit; GLOBAL PER)
61620 051 LEC, Completely Online; Katie Axford ; 4 cr.
65814 002 LEC, 13:00-13:50 MTWTh, Montague Hall 70, In Person Term Based; Kathy Dowell ; 4 cr.
68338 052 LEC, Completely Online; Katie Axford ; 4 cr.

2223 Gender in Society

(A-F or Audit; DIVERSITY)
61638 002 LEC, 15:00-15:50 MTWTh, Kirby Plaza 312, In Person Term Based; Karen Marsh ; 4 cr.

3010 Internship Preparation

(A-F only; Prereq: Psychology major or instructor consent)
61598 002 LEC, 12:00-12:50 MW, Cina Hall 106, In Person Term Based; Katie Axford ; 2 cr.

3011 Internship in Psychology

(A-F only; Prereq: 3010 or instructor consent)
61719 003 FWK, 13:00-13:50 T, Bohannon Hall 351, Independent/Directed Study; Katie Axford ; 3 cr.
61720 004 FWK, 9:00- 9:50 W, Bohannon Hall 351, Independent/Directed Study; Lara LaCaille ; 3 cr.

3020 Statistical Methods

(A-F or Audit; Prereq: Math ACT 21 or higher or MATH 1005)
61674 005 LEC, 14:00-14:50 MTWTh, Kirby Plaza 312, In Person Term Based; Robert Lloyd ; 4 cr.
61701 004 LEC, 13:00-13:50 MTWTh, Kirby Plaza 385, In Person Term Based; Turkan Ocal ; 4 cr.
61768 053 LEC, 00:00-00:00 , , Completely Online; Randall Gordon ; 4 cr.
61827 003 LEC, 15:00-15:50 MTWTh, Kirby Plaza 385, In Person Term Based; Turkan Ocal ; 4 cr.
68771 050 LEC, Completely Online; Turkan Ocal ; 4 cr.

3021 Experimental Design and Methodology

(A-F or Audit; Prereq: 2003, 3020, Psychology major prereq: 2003, 3020, Psychology major)
61549 001 LEC, 11:00-11:50 MWF, Kirby Plaza 312, In Person Term Based; Eric Hessler ; 4 cr.
61550 002 LAB, 11:00-11:50 T, Bohannon Hall 311, In Person Term Based; Eric Hessler ; 4 cr.
61551 003 LAB, 13:00-13:50 W, Bohannon Hall 311, In Person Term Based; Eric Hessler ; 4 cr.
61607 004 LEC, 10:00-10:50 MWF, Cina Hall 106, In Person Term Based; Rebecca Gilbertson ; 4 cr.
61608 005 LAB, 12:00-12:50 W, Bohannon Hall 311, In Person Term Based; Rebecca Gilbertson ; 4 cr.
61609 006 LAB, 14:00-14:50 W, Bohannon Hall 311, In Person Term Based; Rebecca Gilbertson ; 4 cr.
61759 050 LAB, 00:00-00:00 , ONLINE, Completely Online; Aydin Durgunoglu ; 4 cr.
61807 051 LEC, 00:00-00:00 , ONLINE, Completely Online; Aydin Durgunoglu ; 4 cr.

3022 Applied Methods and Measurement

(A-F or Audit; Prereq: psychology major, PSY 3020, 3021 or instructor consent prereq: psychology major, PSY 3020, 3021 or instructor consent)
61552 001 LEC, 14:00-14:50 MWF, Cina Hall 106, In Person Term Based; Keith Young ; 4 cr.
61553 002 LAB, 14:00-14:50 T, Bohannon Hall 311, In Person Term Based; Keith Young ; 4 cr.
61554 003 LAB, 9:00- 9:50 W, Bohannon Hall 311, In Person Term Based; Keith Young ; 4 cr.
61555 004 LEC, 12:00-12:50 MWF, Bohannon Hall 108, In Person Term Based; Mallory McCord ; 4 cr.
61556 005 LAB, 10:00-10:50 T, Bohannon Hall 311, In Person Term Based; Mallory McCord ; 4 cr.
61557 006 LAB, 15:00-15:50 T, Bohannon Hall 311, In Person Term Based; Mallory McCord ; 4 cr.
61621 007 LEC, 15:00-15:50 MWF, Bohannon Hall 108, In Person Term Based; Ashley Thompson ; 4 cr.
61622 008 LAB, 12:00-12:50 T, Bohannon Hall 311, In Person Term Based; Ashley Thompson ; 4 cr.
61623 009 LAB, 13:00-13:50 T, Bohannon Hall 311, In Person Term Based; Ashley Thompson ; 4 cr.

3061 Physiological Psychology

(A-F or Audit; Prereq: 1003 or instructor consent)
61875 003 LEC, 12:00-12:50 MTWTh, Bohannon Hall 104, In Person Term Based; Robert Lloyd ; 4 cr.
65762 050 LEC, Completely Online; Keith Young ; 4 cr.
67349 051 LEC, Completely Online; Robert Lloyd ; 4 cr.

3081 History and Systems of Psychology

(A-F or Audit; Prereq: 1003 or instructor consent)
61753 053 LEC, 00:00-00:00 , , Completely Online; Sandra Woolum ; 3 cr.
61822 002 LEC, 9:30-10:45 TTh, Bohannon Hall 346, In Person Term Based; Uwe Stuecher ; 3 cr.
61926 051 LEC, Completely Online; Carol Kivi ; 3 cr.

3111 Theories of Personality

(A-F or Audit; Prereq: 1003 or instructor consent)
61754 001 LEC, 14:00-15:15 TTh, Cina Hall 224, In Person Term Based; Uwe Stuecher ; 3 cr.
61876 053 LEC, Completely Online; Bud McClure ; 3 cr.
62014 052 LEC, 00:00-00:00 , , Completely Online; Sandra Woolum ; 3 cr.
68339 051 LEC, Completely Online; Carol Kivi ; 3 cr.

3121 Abnormal Psychology

(A-F or Audit; Prereq: 1003 or instructor consent)
61702 003 LEC, 12:00-12:50 MTWTh, Kirby Plaza 385, In Person Term Based; Karen Marsh ; 4 cr.
61826 051 LEC, 00:00-00:00 , , Completely Online; Rick LaCaille ; 4 cr.
65763 004 LEC, 10:00-10:50 MTWTh, Kirby Plaza 385, In Person Term Based; Karen Marsh ; 4 cr.
65764 005 LEC, 9:00- 9:50 MTWTh, Kirby Plaza 385, In Person Term Based; ; 4 cr.

3122 Child and Adolescent Abnormal Psychology

(A-F only; Prereq: PSY 1003 and PSY 2021 or instructor consent)
65776 001 LEC, 14:00-14:50 MWF, Bohannon Hall 104, In Person Term Based; Kathy Dowell ; 3 cr.

3201 Social Psychology

(A-F or Audit; Prereq: 1003 or instructor consent)
62015 052 LEC, 00:00-00:00 , , Completely Online; Randall Gordon ; 3 cr.
65765 053 LEC, Completely Online; Randall Gordon ; 3 cr.

3215 Topics in Human Sexuality

(A-F or Audit; Prereq: 1003 or instructor consent)
61877 051 LEC, 00:00-00:00 , ONLINE, Completely Online; ; 3 cr.

3231 Psychology of Drug Use

(A-F or Audit; Prereq: 1003 or instructor consent)
65777 001 LEC, 14:00-15:15 TTh, Cina Hall 106, In Person Term Based; Rebecca Gilbertson ; 3 cr.

3371 Child and Adolescent Psychology

(A-F or Audit; Prereq: PSY 1003 or instructor consent)
62032 051 LEC, 12:00-12:50 , ONLINE, Completely Online; Carol Kivi ; 3 cr.

3381 Adult Development and Aging

(A-F or Audit; Prereq: PSY 1003 or instructor consent)
65778 050 LEC, Completely Online; Aydin Durgunoglu ; 3 cr.

3445 Transpersonal Psychology

(A-F or Audit; Prereq: 1003 or instructor consent)
61928 050 DIS, 00:00-00:00 , ONLINE, Completely Online; Bud McClure ; 3 cr.

3520 Introduction to Industrial/Organizational Psychology

(A-F or Audit; Prereq: 1003 or instructor consent)
61878 050 LEC, 00:00-00:00 , , Completely Online; Alexandra Luong ; 4 cr.

3524 Basic Helping Skills

(A-F or Audit;)
62016 050 LEC, 00:00-00:00 , ONLINE, Completely Online; Carol Kivi ; 4 cr.

3525 Behavior Analysis in the Workplace

(A-F or Audit; Prereq: PSY 1003 or instructor consent)
65779 050 IND, Completely Online; Julie Slowiak ; 3 cr.

3601 Psychology of Personal Development

(A-F or Audit; Prereq: 1003 or instructor consent)
61929 051 LEC, 00:00-00:00 , ONLINE, Completely Online; Bud McClure ; 3 cr.

3611 Learning and Behavior

(A-F or Audit; Prereq: 1003 or instructor consent)
61769 002 LEC, 17:00-18:50 TTh, Cina Hall 224, In Person Term Based; Uwe Stuecher ; 4 cr.

3621 Cognition

(A-F or Audit; Prereq: 1003 or instructor consent)
62034 050 LEC, Completely Online; Ryan Hjelle ; 4 cr.
62035 002 LEC, 14:00-14:50 MTWTh, Kirby Plaza 385, In Person Term Based; Ryan Hjelle ; 4 cr.

3697 Sensation and Perception

(A-F or Audit;)
62036 050 LEC, Completely Online; Keith Young ; 4 cr.

3986 Honors Project

(A-F or Audit; Prereq: psychology major, 3.00 GPA overall; 3.25 GPA Psychology)
61784 001 IND, 00:00-00:00 , , Independent/Directed Study; Robert Lloyd ; 1-6 cr.

3989 Directed Instruction

(Student Option; Prereq: instructor consent)
61676 001 IND, 00:00-00:00 , , Independent/Directed Study; Robert Lloyd ; 1-4 cr.
61834 002 IND, 00:00-00:00 , , Independent/Directed Study; Kathy Dowell ; 1-4 cr.
61835 003 IND, 00:00-00:00 , , Independent/Directed Study; Christine Schilling ; 1-4 cr.
61836 004 IND, 00:00-00:00 , , Independent/Directed Study; Kathryn Apostol ; 1-4 cr.
61837 005 IND, 00:00-00:00 , , Independent/Directed Study; Randall Gordon ; 1-4 cr.
61838 006 IND, 00:00-00:00 , , Independent/Directed Study; Carol Kivi ; 1-4 cr.
61839 007 IND, 00:00-00:00 , , Independent/Directed Study; ; 1-4 cr.
61841 008 IND, 00:00-00:00 , , Independent/Directed Study; ; 1-4 cr.
61857 009 IND, 00:00-00:00 , , Independent/Directed Study; Eric Hessler ; 1-4 cr.

3991 Projects in Psychology

(S-N or Audit; Prereq: psychology major or minor, instructor consent)
61564 001 IND, 00:00-00:00 , , Independent/Directed Study; Carol Kivi ; 1-4 cr.
61918 002 IND, 00:00-00:00 , , Independent/Directed Study; Uwe Stuecher ; 1-4 cr.

3994 Directed Research in Psychology

(A-F or Audit; Prereq: psychology major or minor, instructor consent)
61599 001 IND, 00:00-00:00 , , Independent/Directed Study; Alexandra Luong ; 1-8 cr.
61833 002 IND, 00:00-00:00 , , Independent/Directed Study; Eric Hessler ; 1-8 cr.
61955 003 IND, 00:00-00:00 , , Independent/Directed Study; Catherine Reich ; 1-8 cr.
61956 004 IND, 00:00-00:00 , , Independent/Directed Study; Mallory McCord ; 1-8 cr.
70209 005 IND, Independent/Directed Study; Rick LaCaille ; 1-8 cr.
70304 006 IND, Independent/Directed Study; Scott Carlson ; 1-8 cr.
70311 007 IND, Independent/Directed Study; Randall Gordon ; 1-8 cr.

3996 Pre-Professional Field Placement

(S-N only; Prereq: 3010, 3011, instructor consent)
61723 001 FWK, 00:00-00:00 , , Independent/Directed Study; Lara LaCaille ; 1-4 cr.
61843 002 FWK, 00:00-00:00 , , Independent/Directed Study; ; 1-4 cr.

5021 Advanced Developmental Psychology

(A-F or Audit; Prereq: PSY graduate student or instructor consent)
62024 001 LEC, 17:00-19:40 W, Bohannon Hall 343, In Person Term Based; Turkan Ocal ; 3 cr.

5111 Advanced Personality Science and Research

(A-F or Audit;)
68829 001 LEC, 14:00-15:15 TTh, Bohannon Hall 351, In Person Term Based; Scott Carlson ; 3 cr.

8021 Research Methods and Evaluation

(A-F or Audit; Prereq: Grade of C or higher in PSY 5052, in an equivalent graduate-level statistics course, or in an undergraduate research methods course in a social science discipline.)
61930 001 LEC, 17:00-19:40 W, Bohannon Hall 351, In Person Term Based; Mallory McCord ; 3 cr.

8052 Advanced Statistics II

(A-F or Audit; Prereq: 5052 with a grade of B or better)
62041 001 LEC, 11:00-11:50 MWF, Bohannon Hall 351, In Person Term Based; Ashley Thompson ; 3 cr.

8097 Clinical-Counseling Practicum

(A-F or Audit; Prereq: Clinical counseling track psychology graduate student)
61931 001 FWK, 12:00-15:00 Th, Kirby Plaza 399, In Person Term Based; Catherine Reich ; 3 cr.

8099 Research Project in Psychology

(S-N or Audit; Prereq: psychology grad student)
65780 001 IND, In Person Term Based; Rick LaCaille ; 3 cr.
69874 002 IND, In Person Term Based; Rebecca Gilbertson ; 3 cr.
70026 003 IND, In Person Term Based; Julie Slowiak ; 3 cr.
70039 004 IND, In Person Term Based; Eric Hessler ; 3 cr.
70047 005 IND, In Person Term Based; Aydin Durgunoglu ; 3 cr.
70119 006 IND, In Person Term Based; Robert Lloyd ; 3 cr.
70303 007 IND, In Person Term Based; Scott Carlson ; 3 cr.

8197 Clinical Counseling Internship

(S-N or Audit; Prereq: 8097 and instructor consent)
62017 001 FWK, 14:30-16:30 W, Kirby Plaza 399, In Person Term Based; Lara LaCaille ; 3 cr.

8221 Individual Adult and Group Therapy/Counseling

(A-F or Audit; Prereq: Clinical counseling track psychology graduate student or instructor consent)
61932 001 LEC, 10:00-10:50 MWF, Kirby Plaza 399, In Person Term Based; Rick LaCaille ; 3 cr.

8224 Clinical Treatment Planning

(A-F or Audit; Prereq: Clinical counseling track psychology graduate student or instructor consent)
62042 001 LEC, 13:00-14:15 MW, Kirby Plaza 399, In Person Term Based; Catherine Reich ; 3 cr.

8232 Assessment II

(A-F or Audit; Prereq: 8231 and instructor consent)
61933 001 LEC, 12:00-12:50 MWF, Kirby Plaza 399, In Person Term Based; Scott Carlson ; 3 cr.

8701 Performance Evaluation and Management

(A-F or Audit; Prereq: psychology graduate student or instructor consent)
65781 001 LEC, 9:30-10:45 TTh, Bohannon Hall 351, In Person Term Based; Alexandra Luong ; 3 cr.

8706 Personnel Training & Development

(A-F or Audit; Prereq: psychology graduate student or instructor consent)
65782 001 LEC, 16:00-17:15 TTh, Bohannon Hall 346, In Person Term Based; Julie Slowiak ; 3 cr.

Russian (RUSS)**Safety (SAFE)****6012 Risk Management and Workers' Compensation**

(A-F or Audit; Prereq: MEHS student or department approval and instructor consent)
63364 001 LEC, 14:00-15:50 TW, Voss-Kovach Hall 201, In Person Term Based; Katherine Schofield ; 4 cr.

6051 Construction Safety

(A-F or Audit; Prereq: 6002 or department approval and instructor consent)
62844 001 LEC, 17:00-19:40 W, Voss-Kovach Hall 221, In Person Term Based; Sean Taylor ; 3 cr.

6102 Advanced Industrial Hygiene and Health Physics

(A-F or Audit; Prereq: 6101 or department approval and instructor consent)
63365 001 LEC, 17:00-19:40 M, Voss-Kovach Hall 221, In Person Term Based; Wade Roseth ; 3 cr.

6201 Fire Prevention and Emergency Preparedness

(A-F or Audit; Prereq: MEHS student or department approval and instructor consent)
66863 001 LEC, 17:00-19:40 T, Voss-Kovach Hall 201, In Person Term Based; Michael Marturano ; 3 cr.

6291 Independent Study in Industrial Safety

(S-N or Audit; Prereq: 6002, instructor consent)
62845 001 IND, 00:00-00:00 , , Independent/Directed Study; Robert Feyen ; 1-3 cr.

6302 Occupational Ergonomics and Injury Management

(A-F or Audit; Prereq: MEHS student or department approval and instructor consent)
62842 001 LEC, 10:00-11:15 MW, Voss-Kovach Hall 201, In Person Term Based; Robert Feyen ; 3 cr.

6997 Internship in Environmental Health and Safety

(S-N or Audit; Prereq: MEHS student, department approval)
63283 001 FWK, 00:00-00:00 , Independent/Directed Study; Robert Feyen ; 3 cr.
63855 002 FWK, Independent/Directed Study; Katherine Schofield ; 3 cr.

Social Work (SW)

1000 Introduction to Social Welfare

(A-F or Audit; SOC SCI)
61905 001 LEC, 9:30-10:45 TTh, Montague Hall 203, In Person Term Based; Leah Cleeland ; 3 cr.

1210 Global Issues

(A-F or Audit; SOC SCI, GLOBAL PER)
61722 001 LEC, 8:00- 9:15 TTh, Montague Hall 203, Partially Online; Jennifer McCleary ; 3 cr.

4102 Introduction to Social Work Research

(A-F only; Prereq: Admission to Social Work major; previously completed or concurrent registration with a statistics course (PSY 2020 or 3020 or STAT 1411 or 2411 or ECON 2030 or SOC 2155) or instructor consent; no grad credit)
61941 001 LEC, 15:00-16:50 T, Bohannon Hall 112, 15:00-16:50 T, Bohannon Hall 112, 15:00-16:50 T, Bohannon Hall 112, 15:00-16:50 T, Bohannon Hall 112, 15:00-16:50 T, Bohannon Hall 112, 15:00-16:50 T, Bohannon Hall 112, 15:00-16:50 T, Bohannon Hall 112, Partially Online; Wendy Anderson ; 3 cr.

4103 Senior Capstone Project

(S-N only; Prereq: SW 4121 (concurrent registration is allowed); admission to Social Work major; or instructor consent; no grad credit)
62020 001 LEC, 13:00-14:50 T, Bohannon Hall 112, 13:00-14:50 T, Bohannon Hall 112, 13:00-14:50 T, Bohannon Hall 112, 13:00-14:50 T, Bohannon Hall 112, 13:00-14:50 T, Bohannon Hall 112, 13:00-14:50 T, Bohannon Hall 112, 13:00-14:50 T, Bohannon Hall 112, 13:00-14:50 T, Bohannon Hall 112, Partially Online; Jennifer McCleary ; 2 cr.

4111 Introduction to Individual, Family and Group Practice

(A-F only; Prereq: Admission to social work program, 1000, 4101 or instructor consent; no grad credit)
61943 001 LEC, 13:00-14:50 T, Bohannon Hall 112, 13:00-14:50 T, Bohannon Hall 112, 13:00-14:50 T, Bohannon Hall 112, 13:00-14:50 T, Bohannon Hall 112, 13:00-14:50 T, Bohannon Hall 112, 13:00-14:50 T, Bohannon Hall 112, 13:00-14:50 T, Bohannon Hall 112, Partially Online; Sandra van den Bosse ; 3 cr.

4113 Introduction to Child Welfare Practice

(A-F only; Prereq: Admission to social work program, 1000 or instructor consent; no grad credit)
61944 001 LEC, 17:00-18:50 T, Bohannon Hall 112, 17:00-18:50 T, Bohannon Hall 112, 17:00-18:50 T, Bohannon Hall 112, 17:00-18:50 T, Bohannon Hall 112, 17:00-18:50 T, Bohannon Hall 112, 17:00-18:50 T, Bohannon Hall 112, 17:00-18:50 T, Bohannon Hall 112, Partially Online; Carina Barker ; 3 cr.

4120 Community Volunteer Experience

(S-N only; Prereq: Admission to social work program, background check, C+ or better in SW 1619, SW 4101 and SW 4201 and instructor consent; no grad credit)
61942 001 FWK, 11:00-11:50 T, Bohannon Hall 112, 11:00-11:50 T, Bohannon Hall 112, 11:00-11:50 T, Bohannon Hall 112, 11:00-11:50 T, Bohannon Hall 112, 11:00-11:50 T, Bohannon Hall 112, 11:00-11:50 T, Bohannon Hall 112, Independent/Directed Study; Sandra van den Bosse ; 1 cr.

4121 Senior Field Placement

(S-N only; Prereq: Admission to social work program; C= or better in SW 1619, SW 4101, SW 4201, SW 4102, SW 4111 and 'S' in SW 4120, instructor consent; no grad credit)
62018 001 FWK, 9:30-10:45 T, Bohannon Hall 112, 9:30-10:45 T, Bohannon Hall 112, 9:30-10:45 T, Bohannon Hall 112, 9:30-10:45 T, Bohannon Hall 112, 9:30-10:45 T, Bohannon Hall 112, 9:30-10:45 T, Bohannon Hall 112, In Person Term Based; Wendy Anderson ; 3-6 cr.

62021 003 FWK, 17:00-18:15 T, Bohannon Hall 112, 17:00-18:15 T, Bohannon Hall 112, 17:00-18:15 T, Bohannon Hall 112, 17:00-18:15 T, Bohannon Hall 112, 17:00-18:15 T, Bohannon Hall 112, 17:00-18:15 T, Bohannon Hall 112, In Person Term Based; Abel Knochel ; 3-6 cr.
62029 002 FWK, 9:30-10:45 T, Bohannon Hall 343, 9:30-10:45 T, Bohannon Hall 343, 9:30-10:45 T, Bohannon Hall 343, 9:30-10:45 T, Bohannon Hall 343, 9:30-10:45 T, Bohannon Hall 343, 9:30-10:45 T, Bohannon Hall 343, In Person Term Based; Sandra van den Bosse ; 3-6 cr.

4122 Cross-Cultural Exploration Through Learning Circles

(S-N or Audit;)
62056 001 DIS, 00:00-00:00 , In Person Term Based; Meets With: 001 SW 5120; Jim Amell, Brenda Bussey ; 1 cr.

4144 Grief, Loss and Coping

(A-F or Audit;)
65789 001 LEC, 15:00-16:50 Th, Bohannon Hall 112, In Person Term Based; Meets With: 001 SW 5144; Carina Barker ; 2 cr.

4190 American Indian Social Work Practice Issues

(A-F only; Prereq: 4111; admission to Social Work major or instructor consent; no grad credit)
65783 001 LEC, 15:00-16:50 T, Bohannon Hall 112, 15:00-16:50 T, Bohannon Hall 112, 15:00-16:50 T, Bohannon Hall 112, 15:00-16:50 T, Bohannon Hall 112, 15:00-16:50 T, Bohannon Hall 112, 15:00-16:50 T, Bohannon Hall 112, 15:00-16:50 T, Bohannon Hall 112, Partially Online; ; 3 cr.

5091 Independent Study

(Student Option; Prereq: instructor consent)
61776 001 IND, 00:00-00:00 , Independent/Directed Study; Wendy Anderson ; 1-4 cr.
61777 002 IND, 00:00-00:00 , Independent/Directed Study; Lake Dziengel ; 1-4 cr.
61778 003 IND, 00:00-00:00 , Independent/Directed Study; Jennifer McCleary ; 1-4 cr.
61779 004 IND, 00:00-00:00 , Independent/Directed Study; Sandra van den Bosse ; 1-4 cr.
61780 005 IND, 00:00-00:00 , Independent/Directed Study; ; 1-4 cr.
61781 006 IND, 00:00-00:00 , Independent/Directed Study; ; 1-4 cr.
61782 007 IND, 00:00-00:00 , Independent/Directed Study; ; 1-4 cr.

5096 Special Project

(S-N or Audit; Prereq: instructor consent)
61513 001 FWK, 00:00-00:00 , Independent/Directed Study; Wendy Anderson ; 1-4 cr.
61617 002 FWK, 00:00-00:00 , Independent/Directed Study; Lake Dziengel ; 1-4 cr.
61663 003 FWK, 00:00-00:00 , Independent/Directed Study; Jennifer McCleary ; 1-4 cr.
61664 006 FWK, 00:00-00:00 , Independent/Directed Study; ; 1-4 cr.
61691 004 FWK, 00:00-00:00 , Independent/Directed Study; Sandra van den Bosse ; 1-4 cr.
61710 007 FWK, 00:00-00:00 , Independent/Directed Study; ; 1-4 cr.
61775 005 FWK, 00:00-00:00 , Independent/Directed Study; ; 1-4 cr.

5120 Cross-Cultural Exploration Through Learning Circles

(S-N only; Prereq: Admission into MSW, 8100 or instructor consent)
61727 001 DIS, 00:00-00:00 , In Person Term Based; Meets With: 001 SW 4122; Jim Amell, Brenda Bussey ; 1 cr.

5144 Grief, Loss and Coping in Social Work Practice

(A-F or Audit; Prereq: Social Work graduate student)
65790 001 DIS, 15:00-16:50 Th, Bohannon Hall 112, In Person Term Based; Meets With: 001 SW 4144; Carina Barker ; 2 cr.

5990 Pre-Field Work

(No Grade Associated;)
61758 001 FWK, Independent/Directed Study; 0 cr.

8031 Advanced Practice in Child Welfare

(A-F only; Prereq: 5032, 8441)
61514 001 LEC, 8:30-18:30 Sa, Bohannon Hall 112, 8:30-18:00 Sa, Bohannon Hall 112, 8:30-18:00 Sa, Bohannon Hall 112, 8:30-18:00 Sa, Bohannon Hall 112, In Person Term Based; Mark Snyder ; 3 cr.

8070 Evidence-Based Practice in Clinical Social Work

(Student Option; Prereq: 8441)
61757 001 LEC, 8:30-18:30 Sa, Bohannon Hall 112, 8:30-18:30 Sa, Bohannon Hall 112, 8:30-18:30 Sa, Bohannon Hall 112, 8:30-18:30 Sa, Bohannon Hall 112, In Person Term Based; Carina Barker ; 3 cr.

8100 Social Work with Diverse Populations

(A-F only; Prereq: MSW students or instructor consent)
61693 001 LEC, 17:00-19:50 Th, Bohannon Hall 112, In Person Term Based; Abel Knochel ; 3 cr.

8101 Introduction to Research

(A-F only; Prereq: SW Grad student or instructor consent)
61508 001 LEC, 10:00-11:50 F, Bohannon Hall 343, In Person Term Based; Shawyn Lee ; 2 cr.

8102 Advanced Research

(A-F only; Prereq: 8101 or admission to advanced standing MSW program)
61821 001 LEC, 17:00-19:50 Th, Bohannon Hall 343, In Person Term Based; Shawyn Lee ; 3 cr.

8105 MSW Portfolio and Final Oral Seminar

(S-N or Audit; Prereq: 8102)
61800 001 IND, 00:00-00:00 , Independent/Directed Study; Jim Amell ; 0 cr.
61801 002 IND, 00:00-00:00 , Independent/Directed Study; Wendy Anderson ; 0 cr.
61802 003 IND, 00:00-00:00 , Independent/Directed Study; Lake Dziengel ; 0 cr.
61803 004 IND, 00:00-00:00 , Independent/Directed Study; Kathy Heltzer ; 0 cr.
61804 005 IND, 00:00-00:00 , Independent/Directed Study; Sandra van den Bosse ; 0 cr.
61805 006 IND, 00:00-00:00 , Independent/Directed Study; ; 0 cr.
62030 007 IND, Independent/Directed Study; 0 cr.

8112 Organization and Community Practice I

(A-F only; Prereq: 8111)
61512 001 LEC, 13:00-14:50 F, Bohannon Hall 343, Partially Online; Shawyn Lee ; 3 cr.

8235 American Indians and Social Policy

(A-F or Audit; Prereq: 5201 or advanced standing MSW program or instructor consent; credit will not be granted if already received for 5235.)
61692 001 LEC, 15:00-16:50 F, Bohannon Hall 112, Partially Online; Julia Jaakola ; 3 cr.

8332 Advanced Practice in Administration and Community Development

(A-F only; Prereq: 8331)
61713 001 LEC, 15:00-16:50 Th, Bohannon Hall 343, Partially Online; Abel Knochel ; 2-3 cr.

8443 Advanced Practice in Mental Health

(A-F only; Prereq: 8441 concurrent registration is required)
61694 001 LEC, 10:00-11:50 F, Montague Hall 239, Partially Online; Lake Dziengel ; 3 cr.

8771 Health in American Indian Communities

(A-F only; Prereq: 8235)
61515 001 LEC, 13:00-14:50 F, Bohannon Hall 112, In Person Term Based; Julia Jaakola ; 2 cr.

8801 Field Placement I

(S-N only; Prereq: 8111, 8112; SW Grad student, instructor consent)
61509 001 FWK, 8:30- 9:45 F, Cina Hall 102, Independent/Directed Study; Jim Amell ; 3-6 cr.

8802 Field Placement II

(S-N only; Prereq: concurrent registration in 8031 or 8332 or 8443 or 8544, SW Grad Student and instructor consent)
61511 002 FWK, 8:30- 9:45 F, Bohannon Hall 112, Independent/Directed Study; Leah Cleeland ; 3-8 cr.
61637 001 FWK, 8:30- 9:45 F, Bohannon Hall 222, Independent/Directed Study; Kathy Heltzer ; 3-8 cr.

8881 Dynamics of American Indian Families

(A-F only; Prereq: 8235 or instructor consent)
61516 001 LEC, 13:00-14:50 Th, Bohannon Hall 112, Partially Online; ; 2 cr.

Sociology (SOC)**1080 Development of Social Selves**

(A-F or Audit; SOC SCI)
62347 001 LEC, 10:00-10:50 MWF, Labovitz Schl Bus & Econ 165, In Person Term Based; Janelle Wilson ; 3 cr.

1101 Introduction to Sociology

(A-F or Audit; SOC SCI, DIVERSITY)
62167 001 LEC, 11:00-11:50 MTWTh, Montague Hall 80, In Person Term Based; Susan Janssen ; 4 cr.

1201 Sociology of the Family

(A-F or Audit; SOC SCI, DIVERSITY)
62442 001 LEC, 18:00-20:40 W, A B Anderson Hall 245, In Person Term Based; Ronald Gittings ; 3 cr.

2155 Introduction to Research Methods and Analysis

(A-F or Audit;)
62401 001 LEC, 8:00- 8:50 MTWTh, Cina Hall 102, In Person Term Based; Susan Janssen ; 4 cr.
62402 002 LEC, 9:00- 9:50 MTWTh, Cina Hall 102, In Person Term Based; Susan Janssen ; 4 cr.

3155 Quantitative Research Methods and Analysis

(A-F or Audit; Prereq: 2155, crim major or soc major or URS major, min 30 cr)
62270 001 LEC, 12:00-12:50 TWThF, Humanities Building 480, In Person Term Based; Scott Vollum ; 4 cr.
62664 002 LEC, 13:00-13:50 TWThF, Humanities Building 480, In Person Term Based; Scott Vollum ; 4 cr.

3156 Qualitative Research Methods and Analysis

(A-F or Audit; Prereq: (2155 or anth major or urs major or cst minor), at least 60 cr or instructor consent)
65659 001 LEC, 13:00-13:50 MTWTh, Cina Hall 102, In Person Term Based; Daniel Martin ; 4 cr.

3701 Social Psychology

(A-F or Audit; Prereq: Min 30 cr or instructor consent) SOC SCI
62645 001 LEC, 12:00-12:50 MWF, Cina Hall 102, In Person Term Based; Janelle Wilson ; 3 cr.

4587 Internship Preparation

(A-F only; Prereq: CRIM majors - CRIM 1301, 2311, SOC 2155; SOC majors - SOC 1101, 2155; min 60 cr, no grad credit)
62207 001 LEC, 11:00-11:50 W, Humanities Building 490, In Person Term Based; Robert Weidner ; 1 cr.

4597 Internship

(S-N only; Prereq: Internship coordinator consent, sociology or criminology major, 4587, WRIT 31xx; no grad credit)
62172 001 FWK, 13:00-13:50 W, A B Anderson Hall 425, Independent/Directed Study; Robert Weidner ; 6-8 cr.

4910 Teaching Assistantship in Sociology

(A-F only; Prereq: 60 cr, instructor consent; no grad credit; maximum 3 credits allowed between SOC 4910, 4997 and CRIM 4397, 4910)
62378 001 FWK, Independent/Directed Study; Scott Vollum ; 1-3 cr.
62464 002 FWK, Independent/Directed Study; Sheryl Grana ; 1-3 cr.
62477 003 FWK, Independent/Directed Study; ; 1-3 cr.

4949 Race and Ethnic Relations

(A-F or Audit; Prereq: 1101 or CRIM 1301 or Cst 1101 or Anth 1604, 60 cr, or instructor consent)
62450 001 LEC, 9:30-10:45 TTh, Cina Hall 308, In Person Term Based; Sheryl Grana ; 3 cr.

4981 Social Movements, Protest and Change

(A-F or Audit; Prereq: 60 cr or grad student or instructor consent)
62481 001 LEC, 15:00-16:50 MW, Sports and Health Center 208, In Person Term Based; Daniel Martin ; 4 cr.

4985 Critical Animal Studies

(A-F or Audit; Prereq: minimum 30 credits earned or instructor consent; no grad credit)
65655 001 LEC, 12:00-13:50 MW, Cina Hall 308, In Person Term Based; Meets With: 001 ANTH 4985; Emily Gaarder ; 4 cr.

4991 Independent Study in Sociology

(A-F or Audit; Prereq: instructor consent; maximum 6 credits allowed between SOC 4991 and CRIM 4391)
62208 001 IND, Independent/Directed Study; Janelle Wilson, Daniel Martin ; 1-6 cr.
62443 002 IND, Independent/Directed Study; ; 1-6 cr.
62473 003 IND, Independent/Directed Study; 1-6 cr.

4999 Honors Project Sociology

(A-F or Audit; Prereq: 90 cr, approval by dept honors program director; no grad credit; maximum 8 credits allowed between SOC 4999 and CRIM 4399)
62209 001 IND, Independent/Directed Study; ; 1-4 cr.

Spanish (SPAN)**1101 Beginning Spanish I**

(A-F or Audit; Prereq: Little or no prior formal study of this language, or instructor consent) COMM & LAN
62420 001 LEC, 11:00-11:50 MTThF, Humanities Building 464, In Person Term Based; Milagros Gomez ; 4 cr.

1102 Beginning Spanish II

(A-F or Audit; Prereq: 1-2 yrs high school Span or 1101 or instructor consent) COMM & LAN
62159 001 LEC, 9:00- 9:50 MTThF, Bohannon Hall 104, In Person Term Based; Andrew Snustad ; 4 cr.
62418 002 LEC, 13:00-13:50 MTThF, Humanities Building 490, In Person Term Based; Andrew Snustad ; 4 cr.
62419 003 LEC, 8:00- 8:50 MTThF, Humanities Building 464, In Person Term Based; Andrew Snustad ; 4 cr.

1201 Intermediate Spanish I

(A-F or Audit; Prereq: 3-4 yrs high school Span or 1102 or instructor consent) COMM & LAN
62471 001 LEC, 12:00-12:50 MTThF, Engineering Building 118, In Person Term Based; Andrew Snustad ; 4 cr.

1202 Intermediate Spanish II

(A-F or Audit; Prereq: 4 yrs high school Span or 1201 or instructor consent) COMM & LAN
62160 001 LEC, 11:00-11:50 MTThF, Humanities Building 490, In Person Term Based; Carol Wallace ; 4 cr.
62161 002 LEC, 12:00-12:50 MTThF, Humanities Building 490, In Person Term Based; Carol Wallace ; 4 cr.

2301 Advanced Spanish

(A-F or Audit; Prereq: 5 yrs high school Span or 1202 or instructor consent) COMM & LAN
62398 001 LEC, 14:00-14:50 MTThF, Sports and Health Center 208, In Person Term Based; Milagros Gomez ; 4 cr.

2550 Globalization and Sustainability in Latin America

(A-F or Audit; SUSTAIN)
65844 001 LEC, 14:00-15:50 MW, Humanities Building 490, In Person Term Based; Jennifer Gomez Menjivar ; 4 cr.

3042 Hispanic American Civilization and Culture

(A-F or Audit; Prereq: 2301 with C or better or instructor consent) GLOBAL PER, HUMANITIES
62286 001 LEC, 9:00-10:50 MF, Humanities Building 490, In Person Term Based; Milagros Gomez ; 4 cr.

3097 Internship

(S-N or Audit;)
69429 001 FWK, In Person Term Based; Jennifer Gomez Menjivar ; 1-6 cr.

4011 Hispanic American Prose

(A-F or Audit; Prereq: 2301 with C or better or instructor consent; no grad credit) HUMANITIES
62541 001 LEC, 9:00-10:50 TTh, Humanities Building 490, In Person Term Based; Carol Wallace ; 4 cr.

4027 Contemporary Literature and Culture of Spain

(A-F or Audit; Prereq: 2301 with C or better or instructor consent; no grad credit) HUMANITIES
65845 001 LEC, 16:00-17:50 MW, Humanities Building 490, In Person Term Based; Jennifer Brady ; 4 cr.

4028 Literature and Culture of Spain 18th to the 20th Century

(A-F or Audit; Prereq: 2301 with C or better or instructor consent; no grad credit) HUMANITIES
65846 001 LEC, 16:00-17:50 TTh, Humanities Building 490, In Person Term Based; Maureen Tobin Stanley ; 4 cr.

4090 Aspects of the Hispanic World

(A-F or Audit; Prereq: 2301 with C or better or instructor consent; no grad credit) HUMANITIES
62542 001 LEC, 14:00-15:50 TTh, Humanities Building 490, In Person Term Based; Jennifer Gomez Menjivar ; 4 cr.

4091 Independent Study

(A-F only; Prereq: 2301 with C or better, instructor consent; no grad credit)
62285 001 IND, 00:00-00:00 , Independent/Directed Study; Maureen Tobin Stanley ; 1-4 cr.
62538 002 IND, 00:00-00:00 , In Person Term Based; Jennifer Brady ; 1-4 cr.
62539 003 IND, 00:00-00:00 , In Person Term Based; Andrew Snustad ; 1-4 cr.
62540 004 IND, 00:00-00:00 , In Person Term Based; Milagros Gomez ; 1-4 cr.
65842 005 IND, In Person Term Based; Jennifer Gomez Menjivar ; 1-4 cr.
65843 006 IND, In Person Term Based; Carol Wallace ; 1-4 cr.

Special Education (SPED)**1357 Individuals with Disabilities in Society**

(A-F or Audit; DIVERSITY)
66781 001 LEC, 14:00-15:15 TTh, Montague Hall 203, In Person Term Based; Adrea Grocke ; 3 cr.

3103 Infants and Toddlers with Special Needs

(A-F or Audit; Prereq: Minimum 30 credits)
61712 001 LEC, 14:00-15:15 TTh, Ed Endazhigikino'amaading 51, Partially Online; Jennifer Bouchie ; 4 cr.

3415 Special Education in the Secondary School

(A-F only;)
61736 001 LEC, Completely Online; Joyce Strand ; 3 cr.

4204 Assessment in the General and Special Education Classroom

(A-F or Audit; Prereq: SPED 4433, admission to IESE program and successful completion of Block One courses and associated field experience or SPED post bac, no grad credit)
61708 001 LEC, 17:00-20:00 M, Montague Hall 151, In Person Term Based; Meets With: 001 SPED 5204; Adrea Grocke, Joan Kwak ; 4 cr.

4270 Methods for Teaching Children and Youth with Autism Spectrum Disorders

(A-F or Audit; Prereq: 4250 or 5250 or instructor consent, no grad credit)
70177 001 LEC, Completely Online; Jill Pring ; 4 cr.

4310 Response to Intervention in the General Education Classroom

(A-F or Audit; Prereq: Admission to IESE program or post bac special education; credit will not be granted if already received for 5310)
61625 001 LEC, 9:30-10:45 TTh, Ed Endazhigikino'amaading 51, Partially Online; Adrea Grocke ; 4 cr.

4381 Classroom and Behavior Management

(A-F or Audit; Prereq: 4433, Admission to IESE program or postbac sped; no grad credit)
61819 001 LEC, 17:15-20:15 Th, Ed Endazhigikino'amaading 17, In Person Term Based; Meets With: 001 SPED 5381; Jane Ellen Dietrich, Joyce Strand ; 4 cr.

4433 Foundations in Special Education

(A-F or Audit; Prereq: Min 45 cr, postbac grad or sped minor, no grad credit)
61868 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Meets With: 001 SPED 5433; Gerry Nierengarten ; 4 cr.
70087 002 LEC, Completely Online; Kevin Preckel ; 4 cr.

4435 Parent and Professional Communication and Collaboration

(A-F or Audit; Prereq: 4433, 45 cr, postbac or sped minor or instructor consent, no grad credit)
61635 001 LEC, 8:00-12:00 Sa, Ed Endazhigikino'amaading 17, 8:00-12:00 Sa, Ed Endazhigikino'amaading 17, 8:00-12:00 Sa, Ed Endazhigikino'amaading 17, 8:00-12:00 Sa, Ed Endazhigikino'amaading 17, Partially Online; Meets With: 001 SPED 5435; Adrea Grocke ; 4 cr.

4452 Academic Interventions for Students with Disabilities

(A-F or Audit; Prereq: SPED 4433, admission to IESE program and successful completion of Block One courses and associated field experience or SPED postbac or instructor consent)

61725 001 LEC, 17:00-20:00 T, Ed Endazhigikino'amaading 51, Partially Online, Meets With: 001 SPED 5452; Gerry Nierengarten ; 4 cr.

4455 Transitional Planning for Adolescents with Disabilities

(A-F or Audit; Prereq: Successful completion of Block Four, which is Student Teaching in a general education setting or postback or instructor consent, no grad credit)

61871 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Meets With: 001 SPED 5455; Joyce Strand ; 4 cr.

4585 Individual Education Plans: Development and Implementation

(A-F or Audit; Prereq: Admission to IESE program and successful completion of Blocks One and Two courses and associated field experiences, no grad credit)

61872 001 LEC, 17:00-19:30 M, Ed Endazhigikino'amaading 16, In Person Term Based; Meets With: 001 SPED 5585; Kevin Preckel ; 3 cr.

4600 Student Teaching

(S-N or Audit; Prereq: Successful completion of Block Four, which is Student teaching in a general education setting or postbac or instructor consent; no grad credit)

61636 001 FWK, 14:30-15:30 F, Room TBA, Independent/Directed Study; 1-12 cr.

61668 002 FWK, 14:30-15:30 F, Room TBA, Independent/Directed Study; 1-12 cr.

61669 003 FWK, 14:30-15:30 F, Room TBA, Independent/Directed Study; 1-12 cr.

61679 004 FWK, 14:30-15:30 F, Room TBA, Independent/Directed Study; 1-12 cr.

61680 005 FWK, 14:30-15:30 F, Room TBA, Independent/Directed Study; 1-12 cr.

61681 006 FWK, 14:30-15:30 F, Room TBA, Independent/Directed Study; 1-12 cr.

61682 007 FWK, 14:30-15:30 F, Room TBA, Independent/Directed Study; 1-12 cr.

61683 008 FWK, 14:30-15:30 F, Room TBA, Independent/Directed Study; 1-12 cr.

62001 009 FWK, 14:30-15:30 F, Room TBA, Independent/Directed Study; 1-12 cr.

62002 010 FWK, 14:30-15:30 F, Room TBA, Independent/Directed Study; 1-12 cr.

62003 011 FWK, 14:30-15:30 F, Room TBA, Independent/Directed Study; 1-12 cr.

62004 012 FWK, 14:30-15:30 F, Room TBA, Independent/Directed Study; 1-12 cr.

4610 Professional Issues

(A-F only; Prereq: No grad credit)

61770 001 LEC, 10:00-12:00 Sa, Montague Hall 151, 10:00-12:00 Sa, Montague Hall 151, 10:00-12:00 Sa, Montague Hall 151, 10:00-12:00 Sa, Montague Hall 151, Partially Online; Jennifer Bouchie ; 1 cr.

5204 Assessment in the General and Special Education Classroom

(A-F or Audit; Prereq: sped post-bac)

61709 001 LEC, 17:00-20:00 M, Montague Hall 151, In Person Term Based; Meets With: 001 SPED 4204; Adrea Grocke, Joan Kwako ; 4 cr.

5381 Classroom and Behavior Management

(A-F or Audit; Prereq: 4433, postbac grad)

61820 001 LEC, 17:15-20:15 Th, Ed Endazhigikino'amaading 17, In Person Term Based; Meets With: 001 SPED 4381; Jane Ellen Dietrich, Joyce Strand ; 4 cr.

5433 Foundations in Special Education

(Student Option; Prereq: Postbac grad student)

61870 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Meets With: 001 SPED 4433; Gerry Nierengarten ; 4 cr.

5435 Parent and Professional Communication and Collaboration

(Student Option; Prereq: 4433 or 5433, postbac grad or instructor consent)

61562 001 LEC, 8:00-12:00 Sa, Ed Endazhigikino'amaading 17, 8:00-12:00 Sa, Ed Endazhigikino'amaading 17, 8:00-12:00 Sa, Ed Endazhigikino'amaading 17, 8:00-12:00 Sa, Ed Endazhigikino'amaading 17, Partially Online; Meets With: 001 SPED 4435; Adrea Grocke, ; 4 cr.

5452 Academic Interventions for Students with Disabilities

(A-F or Audit; Prereq: 4433 or 5433, postbac grad or instructor consent)

61726 001 LEC, 17:00-20:00 T, Ed Endazhigikino'amaading 51, In Person Term Based; Meets With: 001 SPED 4452; Gerry Nierengarten ; 4 cr.

5455 Transitional Planning for Adolescents With Disabilities

(A-F or Audit; Prereq: 5433 or 4433, postbac grad or instructor consent)

61873 001 LEC, 00:00-00:00 , ONLINE, Completely Online; Meets With: 001 SPED 4455; Joyce Strand ; 4 cr.

5585 Individual Education Plans: Development and Implementation

(A-F or Audit;)

61874 001 LEC, 17:00-19:30 M, Ed Endazhigikino'amaading 16, In Person Term Based; Meets With: 001 SPED 4585; Kevin Preckel ; 3 cr.

5600 Student Teaching

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

61523 001 FWK, 14:30-15:30 F, Kirby Plaza 312, Independent/Directed Study; 1-12 cr.
62005 002 FWK, 14:30-15:30 F, Montague Hall 206, Independent/Directed Study; 1-12 cr.

Statistics (STAT)**1411 Introduction to Statistics**

(A-F or Audit; Prereq: Math ACT 21 or higher or a grade of at least C- in SSP 0103 or department approval LOGIC & QR)

62816 001 LEC, 10:00-10:50 MWF, A B Anderson Hall 245, In Person Term Based; Eugenie Ngandjeu Nya ; 3 cr.

2411 Statistical Methods

(A-F or Audit; Prereq: Math ACT 24 or higher or a grade of at least C- in Math 1005 or higher or department approval LOGIC & QR)

63151 002 LEC, 12:00-12:50 MWF, Montague Hall 203, In Person Term Based; Diana Colt ; 3 cr.

63305 001 LEC, 10:00-10:50 MWF, Solon Campus Center 120, In Person Term Based; Diana Colt ; 3 cr.

3411 Engineering Statistics

(A-F or Audit; Prereq: MATH 1297 with a grade of C- or better, cannot be applied to a math or statistics major)

63048 001 LEC, 9:00-9:50 MWF, Ed Endazhigikino'amaading 32, In Person Term Based; Jennifer Kohn ; 3 cr.

63306 003 LEC, 11:00-11:50 MWF, Labovitz Schl Bus & Econ 165, In Person Term Based; Mingqian Duan ; 3 cr.

66892 004 LEC, 12:00-12:50 MWF, Ed Endazhigikino'amaading 51, In Person Term Based; Jennifer Kohn ; 3 cr.

66893 005 LEC, 14:00-14:50 MWF, Labovitz Schl Bus & Econ 265, In Person Term Based; Jennifer Kohn ; 3 cr.

3611 Introduction to Probability and Statistics

(A-F or Audit; Prereq: A grade of at least C- in Math 1290 or Math 1296)

62817 001 LEC, 9:00-9:50 MWThF, Solon Campus Center 21, In Person Term Based; Mingqian Duan ; 4 cr.

62818 002 LEC, 10:00-10:50 MWThF, Ed Endazhigikino'amaading 20, In Person Term Based; Juming Pan ; 4 cr.

62819 003 LEC, 11:00-11:50 MWThF, Solon Campus Center 21, In Person Term Based; Yang Li ; 4 cr.

70088 004 LEC, 12:00-12:50 MWThF, Ed Endazhigikino'amaading 20, In Person Term Based; Mingqian Duan ; 4 cr.

3612 Introduction to Probability and Statistics II

(A-F or Audit; Prereq: 3611 and Math 1297 or equivalent or instructor consent)

63497 001 LEC, 9:00-9:50 MWF, Ed Endazhigikino'amaading 36, In Person Term Based; Xuan Li ; 3 cr.

4050 Introduction to Statistical Computing

(A-F or Audit; Prereq: A grade of at least C- in STAT 3411 or 3611 or instructor consent.)

63834 001 LEC, 12:00-12:50 MWF, Ed Endazhigikino'amaading 17, In Person Term Based; Xuan Li ; 3 cr.

4060 Introduction to Biostatistics

(A-F or Audit; Prereq: Math 1290 or 1296 or 1596 and STAT 2411 or 3411 or 3611 with grade of C- or better or consent of instructor.)

66900 001 LEC, 11:00-11:50 MWF, Ed Endazhigikino'amaading 32, In Person Term Based; Thierry Chekouo Tekougang ; 3 cr.

4101 Actuarial Probability

(S-N or Audit; Prereq: 3611, Math 3298 a grade of C- or better is required in all prerequisite courses; credit cannot be applied to math major or minor; no grad credit)

63249 001 LEC, 12:00-13:50 T, Chemistry Building 155, In Person Term Based; Richard Green ; 1 cr.

5511 Regression Analysis

(A-F or Audit; Prereq: 3611, Math 3280 or Math 4326, a grade of C- or better in is required in all prerequisite courses)

63524 001 LEC, 12:00-12:50 MWF, Ed Endazhigikino'amaading 40, In Person Term Based; Juming Pan ; 3 cr.

5521 Applied Time Series Analysis

(A-F or Audit; Prereq: Math 3280, Stat 3612 or 5511 or instructor consent)

66901 001 LEC, 10:00-10:50 MWF, Ed Endazhigikino'amaading 17, In Person Term Based; Yongcheng Qi ; 3 cr.

5531 Probability Models

(A-F or Audit; Prereq: 3611, Math 1297 or Math 1597, a grade of C- or better in is required in all prerequisite courses)

62821 001 LEC, 15:00-16:15 MWF, Chemistry Building 155, In Person Term Based; Thierry Chekouo Tekougang ; 4 cr.

5571 Probability

(A-F or Audit; Prereq: 3611, Math 3298, a grade of C- or better in is required in all prerequisite courses)

63295 001 LEC, 13:00-13:50 MWThF, Ed Endazhigikino'amaading 20, In Person Term Based; Yang Li ; 4 cr.

5572 Statistical Inference

(A-F or Audit; Prereq: STAT 3612 and 5571 with a grade of C- or better)

62820 001 LEC, 13:00-13:50 Th, Solon Campus Center 21, 13:00-13:50 MWF, Cina Hall 224, In Person Term Based; Richard Green ; 4 cr.

Supportive Services Program (SSP)**1050 Independent Study in Individualized Approaches to Learning**

(Student Option;)

61494 001 IND, Primarily Online; Jill Strand, Patrick Eidsmo, Kelley Newhouse ; 1 cr.

1052 College Writing Strategies

(A-F only; Prereq: credit will not be granted if already received for WRIT 1120)

61393 001 LEC, 13:00-13:50 MW, Kathryn A Martin Library 119, In Person Term Based; Patrick Eidsmo ; 2 cr.

1054 Learning Strategies

(A-F only;)

61376 001 LEC, 9:00-9:50 M, Kathryn A Martin Library 119, In Person Term Based; Kelley Newhouse ; 2 cr.

61377 002 DIS, 9:00-9:50 W, Kathryn A Martin Library 119, In Person Term Based; Meets With: 003 SSP 1054004 SSP 1054; Kelley Newhouse ; 2 cr.

61378 003 DIS, 9:00-9:50 W, Kathryn A Martin Library 119, In Person Term Based; Meets With: 002 SSP 1054004 SSP 1054; Kelley Newhouse ; 2 cr.

61379 004 DIS, 9:00-9:50 W, Kathryn A Martin Library 119, In Person Term Based; Meets With: 002 SSP 1054003 SSP 1054; Kelley Newhouse ; 2 cr.

2001 UMD Campus Tour Guide Training

(A-F or Audit;)

61488 001 LEC, Primarily Online; Patrick Eidsmo ; 1 cr.

2002 UMD Campus Tour Guide Practicum

(S-N or Audit;)

61489 001 LEC, Primarily Online; Patrick Eidsmo ; 1 cr.

3003 Tutor Training: Individualization of Instruction

(A-F only; Prereq: instructor consent)

61385 002 LEC, 14:00-15:50 T, Kathryn A Martin Library 119, In Person Term Based; Jill Strand ; 2 cr.
61456 003 LEC, 14:00-15:50 W, Kathryn A Martin Library 119, In Person Term Based; Jill Strand ; 2 cr.
61467 004 LEC, 10:00-11:50 Th, Kathryn A Martin Library 119, In Person Term Based; Kelley Newhouse ; 2 cr.

3004 Tutor Practicum

(Student Option; Prereq: 3003 or instructor consent)
61380 001 FWK, 00:00-00:00 , , Independent/Directed Study; Jill Strand, Kelley Newhouse, Patrick Eidsmo ; 1-2 cr.

3005 UMD Seminar Teaching Assistant Training

(A-F or Audit;)
61492 001 LEC, 8:00- 8:50 T, Kathryn A Martin Library 119, In Person Term Based; Kelley Newhouse ; 1 cr.

3010 Supplemental Instruction Leadership Training

(A-F or Audit;)
61485 001 LEC, Primarily Online; Patrick Eidsmo ; 2 cr.

3014 Financial Peer Mentor Leadership Training

(A-F or Audit;)
61495 001 LEC, 10:00-11:50 W, Kathryn A Martin Library 119, In Person Term Based; Jill Strand ; 2 cr.

3015 Financial Peer Mentor Leadership Practicum

(S-N or Audit;)
61493 001 FWK, In Person Term Based; Jill Strand ; 1 cr.

Theatre (TH)**1001 Introduction to Theatre Arts**

(A-F or Audit; FINE ARTS)
64320 001 LEC, 11:00-11:50 MWF, A B Anderson Hall 245, In Person Term Based; Jenna Soleo-Shanks ; 3 cr.

1021 Celebrities in Society

(A-F or Audit;)
69105 001 LEC, 11:00-12:45 TTh, M W Alworth Hall 195, In Person Term Based; Kelly Grussendorf ; 3 cr.

1031 Introduction to Theatrical Design

(A-F or Audit;)
64735 001 LEC, 9:00- 9:50 MWF, Marshall Perform Arts Ctr 51, In Person Term Based; Curtis Phillips ; 3 cr.

1053 Film and Society

(A-F or Audit;)
68497 001 LEC, 14:00-15:50 MW, A B Anderson Hall 235, In Person Term Based; Mark Stanfield ; 3 cr.

1071 Musical Theatre History

(A-F or Audit; HUMANITIES)
64121 001 LEC, 15:30-16:45 MW, Montague Hall 203, In Person Term Based; Rebecca Katz Harwood ; 3 cr.

1112 Acting I

(A-F or Audit; Prereq: 1001 or 1801 or BFA Th major or instructor consent)
64122 001 LAB, 14:00-15:15 MWF, Marshall Perform Arts Ctr 155, In Person Term Based; William Payne ; 3 cr.
64123 002 LAB, 10:00-11:50 TTh, Marshall Perform Arts Ctr 155, In Person Term Based; William Payne ; 3 cr.

1116 Audition Techniques I

(A-F or Audit; Prereq: instructor consent)
64127 001 LAB, 12:00-13:15 MW, Marshall Perform Arts Ctr 155, In Person Term Based; Ann Bergeron ; 2 cr.
64128 002 LAB, 15:30-16:45 TTh, Marshall Perform Arts Ctr 155, In Person Term Based; Ann Bergeron ; 2 cr.

1199 Performance Practicum I

(A-F or Audit; Prereq: instructor consent; by audition only)
64732 001 LAB, In Person Term Based; Ann Bergeron, Tom Isbell, William Payne ; 1 cr.

1301 Stagecraft

(A-F or Audit;)
64132 001 LEC, 9:00- 9:50 MWF, Montague Hall 206, In Person Term Based; Scott Boyle ; 5 cr.
64314 002 LAB, 14:00-16:50 MW, Room TBA, In Person Term Based; Samuel Shanks ; 5 cr.
64315 003 LAB, 14:00-16:50 TTh, Room TBA, In Person Term Based; Samuel Shanks ; 5 cr.
64683 004 LAB, 14:00-16:50 WF, Room TBA, In Person Term Based; Samuel Shanks ; 5 cr.

64684 005 LAB, 14:00-16:50 MF, Room TBA, In Person Term Based; Samuel Shanks ; 5 cr.
64749 006 LAB, 10:00-12:50 TTh, Room TBA, In Person Term Based; Samuel Shanks ; 5 cr.

1312 Musical Theatre Voice Lessons

(A-F or Audit;)
64800 001 LAB, In Person Term Based; Kate Ufema, Andrew Kust ; 1 cr.
69041 002 LAB, In Person Term Based; Christine Johnson ; 1 cr.

1399 Scenery and Properties Practicum

(A-F or Audit; Prereq: Th major or minor)
64325 001 LAB, In Person Term Based; Samuel Shanks ; 2 cr.

1401 Costume Construction I

(A-F or Audit;)
64133 001 LEC, 9:00- 9:50 MWF, Marshall Perform Arts Ctr 30, In Person Term Based; Kelsie Bias ; 5 cr.
64316 002 LAB, 10:00-11:50 MWF, Marshall Perform Arts Ctr 30, In Person Term Based; Kelsie Bias ; 5 cr.
64317 003 LAB, 13:00-14:50 MWF, Marshall Perform Arts Ctr 30, In Person Term Based; Kelsie Bias ; 5 cr.
64318 004 LAB, 14:00-16:50 TTh, Marshall Perform Arts Ctr 30, In Person Term Based; Kelsie Bias ; 5 cr.
64319 005 LAB, 10:00-12:50 TTh, Marshall Perform Arts Ctr 30, In Person Term Based; Kelsie Bias ; 5 cr.

1499 Costume Practicum

(A-F or Audit; Prereq: Th major or minor)
64329 001 LAB, In Person Term Based; Kelsie Bias ; 2 cr.

1551 Sound Design

(A-F or Audit; Prereq: 1001 or 1801 or instructor consent)
69042 001 LEC, 8:30- 9:45 MWF, Marshall Perform Arts Ctr 49, In Person Term Based; Mark Harvey ; 3 cr.

1599 Lighting/Sound Practicum

(A-F or Audit; Prereq: Th major or minor)
64326 001 LAB, 14:00-16:50 MW, Room TBA, In Person Term Based; Jon Brophy ; 1 cr.
69719 002 LAB, 14:00-16:50 TTh, Room TBA, In Person Term Based; Jon Brophy ; 1 cr.
69720 003 LAB, 14:00-16:50 WF, Room TBA, In Person Term Based; Jon Brophy ; 1 cr.
69721 004 LAB, 14:00-16:50 MF, Room TBA, In Person Term Based; Jon Brophy ; 1 cr.
69722 005 LAB, 10:00-12:50 TTh, Room TBA, In Person Term Based; Jon Brophy ; 1 cr.

1699 Running Crew Practicum

(A-F or Audit; Prereq: instructor consent)
64328 001 LAB, In Person Term Based; Mark Harvey ; 2 cr.

2113 Acting III: Shakespeare

(A-F or Audit; Prereq: 2112 or instructor consent)
64256 001 LAB, 10:00-11:15 MWF, Marshall Perform Arts Ctr 155, In Person Term Based; Tom Isbell ; 3 cr.

2114 Acting: Musical Theatre

(A-F or Audit; Prereq: instructor consent)
64154 001 LAB, 13:30-14:45 MWF, Marshall Perform Arts Ctr 49, In Person Term Based; Kate Ufema ; 3 cr.

2115 Musical Theatre Singing II: The Modes

(A-F or Audit;)
64759 001 LAB, In Person Term Based; Kate Ufema ; 1 cr.

2119 Stage Dialects

(A-F or Audit; Prereq: instructor consent)
64298 001 LAB, 12:00-13:15 MWF, Marshall Perform Arts Ctr 49, In Person Term Based; Kate Ufema ; 3 cr.

2399 Production Practicum II

(A-F or Audit; Prereq: 1301 or 1401, instructor consent)
64733 001 LAB, 14:00-16:50 MW, Marshall Perform Arts Ctr 130, In Person Term Based; Jon Brophy ; 1 cr.
64763 002 LAB, 14:00-16:50 TTh, Marshall Perform Arts Ctr 130, In Person Term Based; Jon Brophy ; 1 cr.
64764 003 LAB, 14:00-16:50 WF, Room TBA, In Person Term Based; Jon Brophy ; 1 cr.
64765 004 LAB, 14:00-16:50 MF, Room TBA, In Person Term Based; Jon Brophy ; 1 cr.
64766 005 LAB, 10:00-12:50 TTh, Marshall Perform Arts Ctr 130, In Person Term Based; Jon Brophy ; 1 cr.

2451 Hair and Wig Styling Techniques for the Theatre

(A-F or Audit;)
69043 001 LAB, 14:00-15:50 TTh, Marshall Perform Arts Ctr 22, In Person Term Based; Patricia Dennis ; 5 cr.

2851 Film History

(A-F only; Prereq: soph or instructor consent)
64337 001 LEC, 11:00-12:50 MW, A B Anderson Hall 225, In Person Term Based; Mark Stanfield ; 3 cr.

3115 Musical Theatre Singing III

(A-F or Audit;)
64760 001 LAB, In Person Term Based; Andrew Kust ; 1 cr.

3199 Performance Practicum II

(A-F or Audit; Prereq: instructor consent; by audition only)
64689 001 LAB, In Person Term Based; Ann Bergeron, Tom Isbell, William Payne ; 2 cr.

3201 Stage Direction

(A-F or Audit; Prereq: 1111 or 1112, 60 cr, Th major or minor or instructor consent)
64803 001 LAB, 12:00-13:50 TTh, Marshall Perform Arts Ctr 49, In Person Term Based; William Payne ; 3 cr.

3218 Acting V: Physical Theatre

(A-F or Audit;)
64761 001 LAB, 14:00-15:15 TTh, Marshall Perform Arts Ctr 1, In Person Term Based; Ann Bergeron ; 2 cr.

3301 Stagecraft II

(A-F or Audit; Prereq: 1301)
69044 001 LAB, 11:30-12:45 MWF, Marshall Perform Arts Ctr 51, In Person Term Based; Scott Boyle ; 3 cr.

3331 Scenic Design I

(A-F or Audit; Prereq: 1301 or instructor consent)
64137 001 LEC, 12:00-13:15 TTh, Marshall Perform Arts Ctr 51, In Person Term Based; Curtis Phillips ; 3 cr.

3352 Stage Rendering Techniques II

(A-F or Audit; Prereq: 1351)
69046 001 LAB, 14:30-15:45 MWF, Marshall Perform Arts Ctr 51, In Person Term Based; Curtis Phillips ; 3 cr.

3375 Mechanical Design for Stage

(A-F or Audit; Prereq: 1301 or instructor consent)
64712 001 DIS, 10:00-11:50 TTh, Marshall Perform Arts Ctr 225, In Person Term Based; Scott Boyle ; 3 cr.

3399 Production Practicum III

(A-F or Audit; Prereq: TH 1699 and instructor consent)
64734 001 LAB, 14:00-16:50 MW, Room TBA, In Person Term Based; Jon Brophy ; 2 cr.
64767 002 LAB, 14:00-16:50 TTh, Room TBA, In Person Term Based; Jon Brophy ; 2 cr.
64768 003 LAB, 14:00-16:50 WF, Room TBA, In Person Term Based; Jon Brophy ; 2 cr.
64769 004 LAB, 14:00-16:50 MF, Room TBA, In Person Term Based; Jon Brophy ; 2 cr.
64770 005 LAB, 10:00-12:50 TTh, Room TBA, In Person Term Based; Jon Brophy ; 2 cr.

3441 Costume Design I

(A-F or Audit; Prereq: 1401, 1001 or 1801 or instructor consent)
64138 001 LEC, 10:00-11:50 TTh, Marshall Perform Arts Ctr 51, In Person Term Based; Meets With: 001 TH 4441; Patricia Dennis ; 3 cr.

3699 Production Management

(A-F or Audit; Prereq: instructor consent)
64327 001 LAB, In Person Term Based; Mark Harvey ; 2 cr.

3871 Playwriting

(A-F or Audit; FINE ARTS)
64335 001 LEC, 14:00-15:15 MW, Darland Admin Bldg 16A, In Person Term Based; Tom Isbell ; 3 cr.

3991 Independent Study in Theatre

(A-F or Audit; Prereq: instructor consent; undergrads max 6 cr in 3991 and 5991 combined)
64143 001 IND, Independent/Directed Study; Mark Harvey ; 1-3 cr.

4112 Acting VI: Scene Study

(A-F or Audit; Prereq: instructor consent, no grad credit)
64754 001 LAB, 15:30-16:45 MWF, Marshall Perform Arts Ctr 155, In Person Term Based; Tom Isbell ; 3 cr.

4115 Musical Theatre Singing IV: Transition Into the Profession

(A-F or Audit;)
64762 001 LAB, In Person Term Based; Andrew Kust ; 1 cr.

4171 Acting VIII: Acting for the Camera

(A-F or Audit; Prereq: 4151 or instructor consent; no grad credit)

64330 001 LAB, 12:00-13:50 TTh, Marshall Perform Arts Ctr 155, In Person Term Based; Tom Isbell ; 3 cr.

4399 Theatre: Special Projects

(A-F or Audit; Prereq: instructor consent)
64144 001 DIS, In Person Term Based; Mark Harvey ; 2 cr.

4441 Costume Design II

(A-F or Audit; Prereq: 3441 or instructor consent)
69048 001 LEC, 10:00-11:50 TTh, Marshall Perform Arts Ctr 51, In Person Term Based; Meets With: 001 TH 3441; Patricia Dennis ; 3 cr.

4501 Advanced Stage Lighting

(A-F or Audit; Prereq: 1301 or instructor consent; no grad credit)
69047 001 LEC, 16:00-17:15 MWF, Marshall Perform Arts Ctr 51, In Person Term Based; Mark Harvey ; 3 cr.

4802 History of the Theatre II

(A-F or Audit; Prereq: 2841 or instructor consent)
64145 001 LEC, 10:00-10:50 MWF, Sports and Health Center 208, In Person Term Based; Jenna Soleo-Shanks ; 3 cr.

4841 Creative Collaboration

(A-F or Audit; Prereq: 2841 or instructor consent; no grad credit; credit will not be granted if already received for TH 2831)
68993 001 LAB, 14:00-15:15 TTh, Marshall Perform Arts Ctr 49, In Person Term Based; Jenna Soleo-Shanks ; 3 cr.

4901 Intern Teaching in Theatre

(A-F or Audit; Prereq: instructor consent, no grad credit)
64146 001 DIS, In Person Term Based; Mark Harvey ; 3 cr.

5991 Independent Study in Theatre

(A-F or Audit; Prereq: 1001 or 1801 or instructor consent)
64147 001 IND, Independent/Directed Study; Mark Harvey ; 1-3 cr.

5997 Internship in Professional Theatre

(S-N or Audit; Prereq: department approval; 1 cr for each 45 hrs work)
64148 001 FWK, Independent/Directed Study; Mark Harvey ; 1-12 cr.

Tribal Admin and Governance (TAG)

3230 American Indian Tribal Government and Law

(A-F or Audit; Prereq: minimum 30 credits and TAG major CDIVERSITY,SOC SCI)
62495 001 LEC, Completely Online; Joseph Bauerkemper ; 3 cr.

3997 Internship in American Indian Studies

(A-F only; Prereq: TAG major, 60 credits; instructor consent)
62490 001 FWK, Completely Online; Joseph Bauerkemper ; 4-8 cr.
62491 002 FWK, Completely Online; Jill Doerfler ; 4-8 cr.
62492 003 FWK, Completely Online; Linda Grover ; 4-8 cr.
62493 004 FWK, Completely Online; Tadd Johnson ; 4-8 cr.
62494 005 FWK, Completely Online; Erik Redix ; 4-8 cr.
65688 006 FWK, Completely Online; Rebecca Webster ; 4-8 cr.

4230 Introduction to Federal Indian Law

(A-F only; Prereq: TAG major and minimum 60 credits; credit will not be granted if already received for AMIN 3333; no grad credit CDIVERSITY,SOC SCI)
62489 001 LEC, Completely Online; Rebecca Webster ; 3 cr.

University Studies (UST)

1000 UMD Seminar

(A-F or Audit;)
61374 001 LEC, 13:00-13:50 MW, Heller Hall 306, In Person Term Based; Nicole Pechinski ; 1-2 cr.
61375 002 LEC, 15:00-15:50 T, Ed Endazhigikino'amaading 20, In Person Term Based; Timothy Walters ; 1-2 cr.
61401 003 LEC, 10:00-10:50 F, Kirby Plaza 385, In Person Term Based; Beth Cash ; 1-2 cr.
61405 004 LEC, 11:00-11:50 TTh, Sports and Health Center 208, In Person Term Based; Christiana Kapsner ; 1-2 cr.

Urban and Regional Studies (URS)

3097 Internship in Urban and Regional Studies

(S-N only; Prereq: URS major, jr or sr, instructor consent)
62190 001 FWK, 00:00-00:00 , Independent/Directed Study; Adam Pine ; 1-6 cr.

3991 Independent Study in Urban and Regional Studies

(Student Option; Prereq: instructor consent)
62242 001 IND, 00:00-00:00 , Independent/Directed Study; Adam Pine ; 1-4 cr.

Water Resources Science (WRS)

5101 Water Policy

(A-F or Audit; Prereq: Grad student or instructor consent; credit will not be granted if already received for CE 5201)
68293 001 LEC, 15:30-16:45 TTh, Cina Hall 224, In Person Term Based; Meets With: 001 CE 5201; Afton Clarke-Sather ; 3 cr.

8060 Directed Studies in Water Resources Science

(A-F or Audit; Prereq: instructor consent)
63868 001 IND, Independent/Directed Study; 1-3 cr.
63869 002 IND, Independent/Directed Study; Tedy Ozersky ; 1-3 cr.

8095 Plan B Project

(S-N or Audit; Prereq: instructor consent)
66874 001 IND, In Person Term Based; 3 cr.
66875 002 IND, In Person Term Based; 3 cr.

8333 FTE: Master's

(No Grade Associated; Prereq: Master's student, adviser and DGS consent)
66876 001 IND, In Person Term Based; 1 cr.

8444 FTE: Doctoral

(No Grade Associated; Prereq: Doctoral student, adviser and DGS consent)
66878 001 IND, In Person Term Based; 1 cr.

8581 Research and Professional Ethics in Water Resources and Environmental Science

(S-N only; Prereq: Graduate student)
63375 001 LEC, 16:00-17:50 W, James I Swenson Sci Bldg 203, In Person Term Based; Randall Hicks ; 0.5 cr.

8666 Doctoral Pre-Thesis Credits

(No Grade Associated; Prereq: Max 6 cr per semester or summer; doctoral student who has not passed prelim oral; no required consent for the first two registrations up to 12 cr; departmental consent for the third and fourth registrations up to an additional 12 cr, or 24 cr total (for doctoral students admitted summer 2007 and beyond; doctoral students admitted prior to summer 2007 may register up to 4 times totaling 60 cr))
63561 001 IND, 00:00-00:00 , Independent/Directed Study; Howard Mooers ; 1-6 cr.

8777 Thesis Credits: Master's

(No Grade Associated; Prereq: Max 18 cr per semester or summer; 10 cr total required (Plan A only))
63565 001 IND, 00:00-00:00 , Independent/Directed Study; Elizabeth Austin-Minor ; 1-18 cr.
63566 002 IND, 00:00-00:00 , Independent/Directed Study; Donn Branstrator ; 1-18 cr.
63567 003 IND, 00:00-00:00 , Independent/Directed Study; Chanlan Chun ; 1-18 cr.
63568 004 IND, 00:00-00:00 , Independent/Directed Study; Nathan Johnson ; 1-18 cr.
63569 005 IND, 00:00-00:00 , Independent/Directed Study; Tedy Ozersky ; 1-18 cr.
63570 006 IND, 00:00-00:00 , Independent/Directed Study; Kathryn Schreiner ; 1-18 cr.
63571 007 IND, 00:00-00:00 , Independent/Directed Study; 1-18 cr.

8888 Thesis Credits: Doctoral

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

66880 001 IND, In Person Term Based; Nathan Johnson ; 1-24 cr.
66881 002 IND, In Person Term Based; Sergei Katsev ; 1-24 cr.
69692 003 IND, In Person Term Based; Howard Mooers ; 1-24 cr.
69693 004 IND, In Person Term Based; Robert Sterner ; 1-24 cr.
69772 005 IND, In Person Term Based; Karen Gran, Lucinda Johnson ; 1-24 cr.
70321 006 IND, In Person Term Based; Cody Sheik ; 1-24 cr.

Women's Studies (WS)

1000 Introduction to Women's and Gender Studies

(A-F or Audit; SOC SCI,CDIVERSITY)
62249 001 LEC, 10:00-10:50 MWF, Humanities Building 314, In Person Term Based; Chloe Diamond-Lenow ; 3 cr.

2101 Women, Race, and Class

(A-F or Audit; CDIVERSITY,SOC SCI)
62223 001 LEC, 9:30-10:45 TTh, Chester Park 204, In Person Term Based; Njoki Kamau ; 3 cr.

3000 Transnational Perspectives on Feminism

(A-F or Audit; Prereq: 1000 or 2101 or instructor consent GLOBAL PER,SOC SCI)
62291 001 LEC, 14:00-14:50 MWF, Voss-Kovach Hall 115, In Person Term Based; Chloe Diamond-Lenow ; 3 cr.

3300 Women and Spirituality

(A-F or Audit; CDIVERSITY,HUMANITIES)
69431 001 LEC, 18:00-20:40 T, Cina Hall 214, In Person Term Based; 3 cr.

3595 Special Topics: (Various Titles to be Assigned)

(A-F or Audit; Prereq: 1000 or instructor consent)
65784 001 LEC, 11:00-11:50 MWF, Heller Hall 306, In Person Term Based; Chloe Diamond-Lenow ; 1-4 cr.
69336 003 LEC, 18:00-20:50 W, Cina Hall 224, In Person Term Based; 1-4 cr.

3750 Voices of African Women

(A-F or Audit; GLOBAL PER)
62296 001 LEC, 14:00-15:15 TTh, Humanities Building 484, In Person Term Based; Njoki Kamau ; 3 cr.

3891 Independent Study

(A-F or Audit; Prereq: 1000 or 2101, instructor consent)
62212 001 IND, 00:00-00:00 , Independent/Directed Study; Chloe Diamond-Lenow ; 1-3 cr.
62518 002 IND, 00:00-00:00 , Independent/Directed Study; 1-3 cr.
62519 003 IND, 00:00-00:00 , Independent/Directed Study; Njoki Kamau ; 1-3 cr.

3897 Internship

(S-N or Audit; Prereq: 1000, 2101, 3100, 15 cr WS or WS-related courses, WS major or minor, 53 cr, instructor consent)
62211 001 FWK, 00:00-00:00 , Independent/Directed Study; 1-9 cr.
62593 002 FWK, Independent/Directed Study; Njoki Kamau ; 1-9 cr.
62594 003 FWK, Independent/Directed Study; Chloe Diamond-Lenow ; 1-9 cr.

4000 Seminar

(A-F or Audit; Prereq: 1000, 2101, 3100, 15 cr WS or WS-related courses, WS major or minor, or instructor consent)
62168 001 LEC, 12:00-13:50 TTh, Humanities Building 484, In Person Term Based; Beth Bartlett ; 4 cr.

5897 Teaching Internship in Women's Studies

(S-N or Audit; Prereq: 1000, 2101, 90cr, WS major, instructor consent)
62253 001 FWK, 00:00-00:00 , Independent/Directed Study; 1-2 cr.
62520 002 FWK, 00:00-00:00 , Independent/Directed Study; Njoki Kamau ; 1-2 cr.
62521 003 FWK, 00:00-00:00 , Independent/Directed Study; Chloe Diamond-Lenow ; 1-2 cr.

5991 Independent Study

(A-F or Audit; Prereq: 1000, 3100, 15 cr WS or WS related courses or grad student, instructor consent)
62430 001 IND, 00:00-00:00 , Independent/Directed Study; Chloe Diamond-Lenow ; 1-4 cr.

62522 002 IND, 00:00-00:00 , , Independent/Directed Study; ; 1-4 cr.
62523 003 IND, 00:00-00:00 , , Independent/Directed Study; ; Njoki Kamau ; 1-4 cr.

Writing Studies (WRIT)

1006 Journal and Memoir Writing

(A-F or Audit;)
66751 001 LEC, 17:00-19:45 T, Kirby Plaza 309, In Person Term Based; Whitney Jacobson ; 3 cr.

1120 College Writing

(A-F or Audit; Prereq: Students speaking English as a second language must have TOEFL score of 550WRITING)

62066 001 LEC, 8:00- 8:50 MWF, Humanities Building 470, In Person Term Based; Rochelle Zuck ; 3 cr.
62067 002 LEC, 8:00- 8:50 MWF, Bohannon Hall 108, In Person Term Based; Nancy Peterson ; 3 cr.
62068 003 LEC, 8:00- 8:50 MWF, Bohannon Hall 104, In Person Term Based; Kevin Swanberg ; 3 cr.
62069 004 LEC, 8:00- 9:15 TTh, James I Swenson Sci Bldg 216, In Person Term Based; Sara Sowers-Wills ; 3 cr.
62070 005 LEC, 8:00- 9:15 TTh, Labovitz Schl Bus & Econ 265, In Person Term Based; Kelly MacPhail ; 3 cr.
62071 006 LEC, 9:00- 9:50 MWF, Humanities Building 470, In Person Term Based; Nancy Peterson ; 3 cr.
62072 007 LEC, 9:00- 9:50 MWF, Humanities Building 480, In Person Term Based; Brenda Palokangas ; 3 cr.
62073 008 LEC, 9:00- 9:50 MWF, Voss-Kovach Hall 221, In Person Term Based; Blair Powless ; 3 cr.
62074 009 LEC, 9:30-10:45 TTh, Humanities Building 470, In Person Term Based; Burke Scarborough ; 3 cr.
62075 010 LEC, 9:30-10:45 TTh, Chemistry Building 155, In Person Term Based; Kelly MacPhail ; 3 cr.
62076 013 LEC, 10:00-10:50 MWF, Chester Park 122, In Person Term Based; Faith King ; 3 cr.
62077 014 LEC, 11:00-11:50 MWF, Humanities Building 470, In Person Term Based; Kendra Carlson ; 3 cr.
62078 015 LEC, 11:00-11:50 MWF, Cina Hall 308, In Person Term Based; Katie Groves ; 3 cr.
62079 016 LEC, 11:00-11:50 MWF, Labovitz Schl Bus & Econ 229, In Person Term Based; Nancy Peterson ; 3 cr.
62080 017 LEC, 12:00-12:50 MWF, Humanities Building 470, In Person Term Based; Melissa Frank ; 3 cr.
62081 018 LEC, 12:00-12:50 MWF, Kirby Plaza 312, In Person Term Based; Brenda Palokangas ; 3 cr.
62082 019 LEC, 12:00-12:50 MWF, Labovitz Schl Bus & Econ 165, In Person Term Based; Jessica Jongquist ; 3 cr.
62083 020 LEC, 13:00-13:50 MWF, Humanities Building 470, In Person Term Based; Jessica Jongquist ; 3 cr.
62084 021 LEC, 13:00-13:50 MWF, Cina Hall 106, In Person Term Based; Kristine Koyama ; 3 cr.
62085 022 LEC, 13:00-13:50 MWF, Bohannon Hall 108, In Person Term Based; Kristina Cashin ; 3 cr.
62086 023 LEC, 13:00-13:50 MWF, Labovitz Schl Bus & Econ 165, In Person Term Based; Lisa Horton ; 3 cr.
62087 024 LEC, 14:00-14:50 MWF, Heller Hall 216, In Person Term Based; Katie Groves ; 3 cr.
62088 025 LEC, 14:00-14:50 MWF, Cina Hall 308, In Person Term Based; John Grauer ; 3 cr.
62089 026 LEC, 14:00-15:15 TTh, Humanities Building 470, In Person Term Based; Sara Sowers-Wills ; 3 cr.
62090 027 LEC, 15:00-15:50 MWF, Humanities Building 470, In Person Term Based; Kendra Carlson ; 3 cr.
62092 029 LEC, 15:00-16:15 MW, Cina Hall 224, In Person Term Based; Sara Sowers-Wills ; 3 cr.
62093 030 LEC, 15:30-16:45 TTh, Humanities Building 470, In Person Term Based; Whitney Jacobson ; 3 cr.
62094 031 LEC, 15:30-16:45 TTh, Cina Hall 308, In Person Term Based; Anthony Hows ; 3 cr.
62147 011 LEC, 10:00-10:50 MWF, Humanities Building 470, In Person Term Based; Molly Hunter ; 3 cr.
62148 012 LEC, 10:00-10:50 MWF, Engineering Building 118, In Person Term Based; Madeline Johnson ; 3 cr.

1506 Literacy, Technology and Society

(A-F or Audit; Prereq: Credit will not be granted if already received for Comp 1506.HUMANITIES)
62150 001 LEC, 14:00-14:50 MWF, Humanities Building 470, In Person Term Based; Craig Stroupe ; 3 cr.

3100 Advanced Writing: Language and Literature

(A-F or Audit;)
62146 001 LEC, 15:30-16:45 TTh, Chemistry Building 155, In Person Term Based; Kelly MacPhail ; 3 cr.

3110 Advanced Writing: Arts and Letters

(A-F or Audit;)
62116 001 LEC, 8:00- 8:50 MWF, Labovitz Schl Bus & Econ 229, In Person Term Based; Emily Woster ; 3 cr.

62359 003 LEC, 16:00-17:15 MW, Kirby Plaza 385, In Person Term Based; Mark Stanfield ; 3 cr.
62412 004 LEC, Completely Online; Kendra Carlson ; 3 cr.

3121 Advanced Writing: Business and Organizations

(A-F or Audit;)
62132 001 LEC, 8:00- 8:50 MWF, Kirby Plaza 312, In Person Term Based; Brenda Palokangas ; 3 cr.
62133 002 LEC, 9:30-10:45 TTh, Humanities Building 484, In Person Term Based; Sara Sowers-Wills ; 3 cr.
62134 003 LEC, 14:00-14:50 MWF, Bohannon Hall 346, In Person Term Based; Jessica Jongquist ; 3 cr.
62389 005 LEC, Completely Online; Susan Perala-Dewey ; 3 cr.
62553 006 LEC, Completely Online; Susan Perala-Dewey ; 3 cr.

3130 Advanced Writing: Engineering

(A-F or Audit;)
62118 001 LEC, 8:00- 9:15 TTh, Humanities Building 470, In Person Term Based; Kenneth Risdon ; 3 cr.
62360 002 LEC, 12:00-12:50 MWF, Labovitz Schl Bus & Econ 265, In Person Term Based; Chris Godsey ; 3 cr.
62390 003 LEC, 15:00-16:15 MW, Bohannon Hall 346, In Person Term Based; Chris Godsey ; 3 cr.
62391 004 LEC, Completely Online; Kenneth Risdon ; 3 cr.
62465 005 LEC, Completely Online; Amy Clark ; 3 cr.
70106 006 LEC, 17:00-19:45 T, Montague Hall 208, In Person Term Based; Emily Woster ; 3 cr.

3140 Advanced Writing: Human Services

(A-F or Audit;)
62119 001 LEC, 8:00- 8:50 MWF, Labovitz Schl Bus & Econ 165, In Person Term Based; Katie Groves ; 3 cr.
62121 003 LEC, 9:00- 9:50 MWF, Engineering Building 177, In Person Term Based; Lisa Horton ; 3 cr.
62122 004 LEC, 14:00-14:50 MWF, Cina Hall 224, In Person Term Based; Lisa Horton ; 3 cr.
62123 005 LEC, 15:30-16:45 TTh, Cina Hall 106, In Person Term Based; Susan Perala-Dewey ; 3 cr.
62153 006 LEC, Completely Online; Robin Fuller ; 3 cr.
62392 007 LEC, Completely Online; Robin Fuller ; 3 cr.

3150 Advanced Writing: Science

(A-F or Audit;)
62124 001 LEC, 8:00- 8:50 MWF, Labovitz Schl Bus & Econ 265, In Person Term Based; Chris Godsey ; 3 cr.
62125 002 LEC, 9:00- 9:50 MWF, Cina Hall 308, In Person Term Based; Emily Woster ; 3 cr.
62149 003 LEC, 9:30-10:45 TTh, Labovitz Schl Bus & Econ 265, In Person Term Based; Kenneth Risdon ; 3 cr.
62152 004 LEC, 13:00-13:50 MWF, Labovitz Schl Bus & Econ 265, In Person Term Based; John Grauer ; 3 cr.
62154 005 LEC, 15:30-16:45 TTh, Cina Hall 102, In Person Term Based; Amy Clark ; 3 cr.
62306 006 LEC, 17:00-18:15 MW, Kirby Plaza 311, In Person Term Based; John Grauer ; 3 cr.
62373 007 LEC, 17:00-18:15 TTh, Humanities Building 470, In Person Term Based; Robin Fuller ; 3 cr.
62374 008 LEC, Completely Online; Amy Clark ; 3 cr.
62393 009 LEC, Completely Online; John Grauer ; 3 cr.

3160 Advanced Writing: Social Sciences

(A-F or Audit;)
62126 001 LEC, 8:00- 8:50 MWF, Kirby Plaza 385, In Person Term Based; Lindsey Jungman ; 3 cr.
62128 003 LEC, 9:00- 9:50 MWF, Humanities Building 484, In Person Term Based; Lindsey Jungman ; 3 cr.
62129 004 LEC, 15:00-15:50 MWF, Cina Hall 102, In Person Term Based; Avesa Rockwell ; 3 cr.
62145 005 LEC, 15:30-16:45 TTh, James I Swenson Sci Bldg 216, In Person Term Based; Avesa Rockwell ; 3 cr.
62155 006 LEC, Completely Online; Rebecca Boyle ; 3 cr.
62394 007 LEC, Completely Online; Rebecca Boyle ; 3 cr.

3180 Honors: Advanced Writing

(A-F only; Prereq: min 60 cr, UMD Honors Program, or instructor consent)
62677 550 LEC, 11:00-12:15 TTh, Cina Hall 106, In Person Term Based; Rebecca Boyle ; 3 cr.

4197 Internship in Writing

(S-N only; Prereq: instructor consent, no grad credit)
62320 001 FWK, Independent/Directed Study; Elizabethada Wright ; 1-3 cr.

4200 Writing and Cultures

(A-F only; Prereq: 1120, minimum 60 cr)
62318 001 LEC, 17:00-19:45 W, Labovitz Schl Bus & Econ 165, In Person Term Based; Elizabethada Wright ; 3 cr.

4220 Document Design and Graphics

(A-F or Audit; Prereq: 1120, min 60 cr, no grad credit)

62659 001 LAB, 17:00-19:45 T, Montague Hall 209, In Person Term Based; Meets With: 001 WRIT 5220; Rob Wittig ; 3 cr.

4250 New Media Writing

(A-F or Audit; Prereq: minimum 60 cr, no grad credit)
62319 001 LEC, 15:00-16:15 M, Montague Hall 209, 15:50-16:15 W, Bohannon Hall 104, 15:00-15:50 W, Montague Hall 209, In Person Term Based; Meets With: 001 WRIT 5250; Craig Stroupe ; 3 cr.

4506 Capstone Course: Senior Portfolio Preparation

(S-N or Audit; Prereq: Min 90 cr, writing studies major)
62317 001 LEC, 00:00-00:00 , , In Person Term Based; Craig Stroupe ; 1 cr.

4591 Independent Study

(A-F or Audit; Prereq: instructor consent, no grad credit)
62345 001 IND, 00:00-00:00 , , Independent/Directed Study; Elizabethada Wright ; 1-3 cr.
62466 002 IND, 00:00-00:00 , , Independent/Directed Study; Kenneth Risdon ; 1-3 cr.
62474 003 IND, 00:00-00:00 , , Independent/Directed Study; Craig Stroupe ; 1-3 cr.
62476 004 IND, 00:00-00:00 , , Independent/Directed Study; ; 1-3 cr.

5197 Internship in Writing

(S-N only; Prereq: instructor consent, Coll Grad or Grad student)
62130 001 FWK, 00:00-00:00 , , Independent/Directed Study; ; 1-3 cr.

5220 Document Design and Graphics

(A-F or Audit; Prereq: Credit will not be granted if already received for Comp 5220, max 3 cr may be applied to Grad prog)
70460 001 LAB, 17:00-19:45 T, Montague Hall 209, In Person Term Based; Meets With: 001 WRIT 4220; Rob Wittig ; 3 cr.

5250 New Media Writing

(A-F or Audit; Prereq: Credit will not be granted if already received for WRIT 4250, Grad student)
62308 001 LEC, 15:00-16:15 M, Montague Hall 209, 15:50-16:15 W, Bohannon Hall 104, 15:00-15:50 W, Montague Hall 209, In Person Term Based; Meets With: 001 WRIT 4250; Craig Stroupe ; 3 cr.

5591 Independent Study

(Student Option; Prereq: College grad or grad student, credit will not be granted if already received for Comp 5991, max 3 cr may be applied to Grad prog, instructor consent)
62131 001 IND, 00:00-00:00 , , Independent/Directed Study; David Beard ; 1-3 cr.
62545 002 IND, 00:00-00:00 , , Independent/Directed Study; Kenneth Risdon ; 1-3 cr.
62546 003 IND, 00:00-00:00 , , Independent/Directed Study; Craig Stroupe ; 1-3 cr.
62547 004 IND, 00:00-00:00 , , Independent/Directed Study; Elizabethada Wright ; 1-3 cr.

8094 Plan B Research (DRS)

(S-N only; Prereq: instructor consent)
62563 001 IND, 00:00-00:00 , , Independent/Directed Study; Craig Stroupe ; 1 cr.
62564 002 IND, 00:00-00:00 , , Independent/Directed Study; Kenneth Risdon ; 1 cr.
62565 003 IND, 00:00-00:00 , , Independent/Directed Study; Craig Stroupe ; 1 cr.
62566 004 IND, 00:00-00:00 , , Independent/Directed Study; Elizabethada Wright ; 1 cr.

8910 Practicum in Teaching Writing

(A-F or Audit; Prereq: Credit will not be granted if already received for Engl 8910 or Comp 8910, instructor consent)
66767 001 FWK, In Person Term Based; Craig Stroupe ; 1-4 cr.

8994 Directed Research in Writing Studies

(A-F or Audit; Prereq: Credit will not be granted if already received for Comp 8994; 8902; instructor consent)
62548 001 IND, Independent/Directed Study; Craig Stroupe ; 1-3 cr.
62549 002 IND, 00:00-00:00 , , Independent/Directed Study; Kenneth Risdon ; 1-3 cr.
62550 003 IND, 00:00-00:00 , , Independent/Directed Study; Craig Stroupe ; 1-3 cr.
62551 004 IND, 00:00-00:00 , , Independent/Directed Study; Elizabethada Wright ; 1-3 cr.