

# SPRING 2006 Schedule of Classes

## ANTHROPOLOGY

**Anth 1111. Introductory Cultural Anthropology.** (SS; 4 cr)  
45214 9:15-10:20 am MWF Sci 2190 Chollett Max 70

**Anth 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45281 Arranged

**Anth 2301. Social Change and Development in Latin America.** (IP; 4 cr; prereq 1111 or Soc 1101 or instr consent)(Same as Soc 2301)  
65856 11:45-12:50 pm MWF Sci 1030 Chollett Max 15

**Anth 2452. Native American Women.** (HDiv; 4 cr; prereq 1111 or Soc 1101 or instr consent)(Same as Soc 2452)  
65858 8:00-9:40 am TTh Sci 3610 Pelletier Max 15

**Anth 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45282 Arranged

**Anth 3202. Culture and Biology.** (Envt; 4 cr; prereq 1111 or Soc 1101 or instr consent)  
45508 2:00-3:40 pm TTh Sci 2200 Templeman Max 20

**Anth 3301. India and South Asia.** (IP; 4 cr; prereq 1111 or Soc 1101 or instr consent)  
45215 4:00-5:40 pm TTh CS 132 Templeman Max 20

**Anth 3501. Critical Medical Anthropology.** (HDiv; 4 cr; prereq 2501 or #)  
65859 12:00-1:40 pm TTh CS 128 Pelletier Max 20

**Anth 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45283 Arranged

**Anth 4901. Seminar in Anthropological Theory.** (4 cr; prereq 1111 or Soc 1101, 4 addtl cr in Anth or Soc)  
45343 3:30-5:10 pm MW CS 128 Chollett Max 15

**Anth 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45216 Arranged

## ART HISTORY

**ArtH 1101. Principles of Art.** (FA; 4 cr)  
45097 11:45-12:50 pm MWF HFA 6 Schryver Max 50

**ArtH 1121. Renaissance to Modern Art.** (FA; 4 cr)  
45458 1:00-2:05 pm MWF HFA 6 Dabbs Max 50

**ArtH 3111. Art of Ancient Rome.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)  
45509 10:00-11:40 am TTh HFA 2 Schryver Max 15

**ArtH 3121. Medieval Italian Art.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)  
45510 9:15-10:20 am MWF HFA 2 Schryver Max 15

**ArtH 3171. Baroque Art.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)  
65860 3:30-4:35 pm MWF HFA 2 Dabbs Max 15

**ArtH 3211. Early Modernist Art: Symbolism to Surrealism.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)  
65861 12:00-1:40 pm TTh HFA 2 Eisinger Max 15

**ArtH 3231. History of Photography.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)  
65862 4:00-5:40 pm TTh HFA 2 Eisinger Max 15

**ArtH 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq any 1xxx ArtH course or jr status, approved directed study form)  
45249 Arranged

**ArtH 4901. Capstone Assessment of Student Experience in Art History.** (1 cr; prereq ArtH major, instr consent; S-N only)  
45608 Arranged Eisinger, Dabbs Schryver

**ArtH 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq any 1xxx ArtH course or jr status, approved directed study form)  
45098 Arranged

## ART, STUDIO

**ArtS 1002. Visual Studies for Non-majors: Digitally-Assisted Design.** (ArtP; 3 cr; intended for non-majors)  
68167 1:00-3:00 pm MW HFA 26 Larson Max 10

**ArtS 1080. First-Year Drawing.** (ArtP; 3 cr; repeatable to 6 cr; open to nonmajors; should not be taken by students who have completed Basic Studio [see Second-Year Drawing])  
45459 9:00-12:00 pm MW HFA 135 Otten Max 18

**ArtS 1102. Basic Studio Drawing II.** (ArtP; 2 cr; prereq 1101, coreq 1104, 1106; one 1xxx ArtH course recommended during the same year)  
45099 1:00-3:00 pm MW HFA 135 Eble Max 16

**ArtS 1104. Basic Studio 3-D Design.** (ArtP; 2 cr; prereq 1103, coreq 1102, 1106; one 1xxx ArtH course recommended during the same year)  
45100 10:00-12:00 pm TTh HFA 1 Buchmiller Max 16

**ArtS 1106. Basic Studio Discussion II.** (ArtP; 1 cr; prereq 1105, coreq 1102, 1104; one 1xxx ArtH course recommended during the same year)  
45101 12:00-12:50 pm Wed HFA 2 Larson, Eble Max 16

**ArtS 2050. Advanced Ceramics.** (ArtP; 3 cr; repeatable to 9 cr; prereq 1050 or instr consent)  
45102 9:15-11:15 am MWF HFA 145 Flicker Max 12

**ArtS 2102. Second-Year Drawing II.** (ArtP; 3 cr; prereq 2101 recommended)(Meets w/ArtS 3110)  
45103 9:00-12:00 pm TTh HFA 135 Larson Max 7

**ArtS 2202. Beginning Printmaking II.** (ArtP; 3 cr; prereq 2201)(Meets w/ArtS 3210)  
45104 1:00-4:00 pm MW HFA 15 Otten Max 7

**ArtS 2302. Beginning Painting II.** (ArtP; 3 cr; prereq major or minor or instr consent for nonmajor jrs and srs)(Meets w/ArtS 3310)

45105 9:15-12:15 pm MW HFA 130 Eble Max 7

**ArtS 2402. Beginning Sculpture II.** (ArtP; 3 cr; prereq 2401)(Meets w/ArtS 3410)

45106 1:00-4:00 pm TTh HFA 145 Buchmiller Max 7

**ArtS 2500. Photography.** (ArtP; 3 cr; repeatable to 9 cr; prereq major or minor or instr consent)

45107 4:00-6:00 pm MW HFA 14 Buchmiller Max 8

**ArtS 3003. Media Studies: Tilemaking.** (ArtP; 3 cr; prereq major or minor or instr consent)

65863 4:00-6:00 pm TTh HFA 145 Flicker Max 10

**ArtS 3005. Media Studies: Digital Imaging.** (ArtP; 3 cr; major or minor or instr consent)

45609 4:00-6:00 pm TTh HFA 26 Larson Max 10

**ArtS 3110. Third-Year Drawing II.** (ArtP; 3 cr; repeatable to 9 cr; prereq 2101, 2102; 3100 recommended)(Meets w/ArtS 2102)

45108 9:00-12:00 pm TTh HFA 135 Larson Max 7

**ArtS 3210. Advanced Printmaking II.** (ArtP; 3 cr; repeatable to 9 cr; prereq 2202)(Meets w/ArtS 2202)

45462 1:00-4:00 pm MW HFA 15 Otten Max 7

**ArtS 3310. Advanced Painting II.** (ArtP; 3 cr; repeatable to 9 cr; prereq 2302 or instr consent)(Meets w/ArtS 2302)

45463 9:15-12:15 pm MW HFA 130 Eble Max 7

**ArtS 3410. Advanced Sculpture II.** (ArtP; 3 cr; repeatable to 9 cr; prereq 2402)(Meets w/ArtS 2402)

45464 1:00-4:00 pm TTh HFA 145 Buchmiller Max 7

**ArtS 3881. Junior Review.** (0 cr; prereq jr studio art major; S-N only)

45109 Arranged Larson

**ArtS 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)

45250 Arranged

**ArtS 4901. Senior Exhibit.** (0 cr; prereq sr studio art major or minor; S-N only)

45110 Arranged Larson

**ArtS 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)

45111 Arranged

## BIOLOGY

**Biol 1001. Biological Rhythms.** (Sci-L; 4 cr; no elective cr for biol majors or minors)

Lec 1 9:15-10:20 am WF Sci 2185 Gooch  
65866 Lab 2 9:15-11:15 am Mon Sci 2130 Gooch Max 18  
65867 Lab 3 2:15-4:15 pm Mon Sci 2130 Gooch Max 18

**Biol 1002. Human Nutrition.** (Sci; 3 cr)

45616 8:50-9:55 am TTh Sci 3650 Hardy Max 30

**Biol 1052. Conservation Biology.** (Sci-L; 4 cr; no elective cr for biol majors or minors)

Lec 1 1:00-2:05 pm MW Sci 2200 Kuchenreuther  
65870 Lab 2 2:00-4:00 pm Tue+arr Sci 3160 Kuchenreuther Max 18  
65871 Lab 3 2:00-4:00 pm Thu+arr Sci 3160 Kuchenreuther Max 18

**Biol 1101. Freshman Seminar in Biological Principles.** (Sci; 3 cr; prereq biology major/minor or any health sciences preprofessional program or EEd or SeEd major with middle school specialties or instr consent)

Lec 1 10:00-11:25 am Tue Sci 2200 Myers  
Dis 2 Cancelled  
45017 Dis 3 10:00-11:20 am Thu+arr Sci 2555 Myers Max 15  
Dis 4 Cancelled Max 15  
45019 Dis 5 12:00-1:20 pm Thu+arr Sci 2555 Myers Max 15

**Biol 2101. Evolution of Biodiversity.** (Sci-L; 4 cr; prereq 1101 or instr consent)

Lec 1 1:00-2:05 pm MW Sci 2950 Anderson  
45021 Lab 2 10:00-12:00 pm Tue Sci 2130 Anderson Max 24  
45022 Lab 3 2:00-4:00 pm Tue Sci 2130 Anderson Max 24  
45023 Lab 4 10:00-12:00 pm Thu Sci 2130 Anderson Max 24  
45024 Lab 5 2:00-4:00 pm Thu Sci 2130 Anderson Max 24

**Biol 3101. Genetics.** (Sci-L; 4 cr; prereq 2111 or instr consent)

Lec 1 11:45-12:50 pm MW Sci 1020 Hoppe  
45026 Lab 2 12:00-2:00 pm Tue+arr Sci 3180 Hoppe Max 18  
45027 Lab 3 3:00-5:00 pm Tue+arr Sci 3180 Hoppe Max 18  
45028 Lab 4 12:00-2:00 pm Thu+arr Sci 3180 Hoppe Max 18  
45506 Lab 5 3:00-5:00 pm Thu+arr Sci 3180 Hoppe Max 18

**Biol 3121. Molecular Biology.** (Sci-L; 5 cr; prereq 2111, prereq or coreq 3101, Chem 2301 or instr consent)

Lec 1 10:00-11:40 am TTh Sci 1020 Cole  
45030 Lab 2 2:00-5:00 pm Tue+arr Sci 2170 Cole Max 12  
45031 Lab 3 1:00-4:00 pm Wed+arr Sci 2170 Cole Max 12  
45515 Lab 4 2:00-5:00 pm Thu+arr Sci 2170 Cole Max 12  
45516 Lab 5 1:00-4:00 pm Fri+arr Sci 2170 Cole temporary lab

**Biol 3701. Biological Communications.** (1 cr; prereq 2101, 2111, instr consent)

45382 Sec 1 8:00-9:05 am Wed rm TBA Anderson Max 4  
45383 Sec 2 8:00-9:05 am Wed rm TBA Cole Max 4  
45384 Sec 3 8:00-9:05 am Wed rm TBA Gooch Max 4  
45385 Sec 4 8:00-9:05 am Wed rm TBA Hoppe Max 4  
45386 Sec 5 8:00-9:05 am Wed rm TBA Kuchenreuther Max 4  
45387 Sec 6 8:00-9:05 am Tue rm TBA Myers Max 4  
Sec 7 Cancelled  
45517 Sec 8 8:00-9:05 am Wed rm TBA T. Wyckoff Max 3

**Biol 4102. Human Physiology.** (Sci; 4 cr; prereq 2111 or #)

65874 8:00-9:05 am MWF Sci 2950 Myers Max 70

**Biol 4111. Microbiology.** (Sci-L; 4 cr; prereq 2111, prereq or coreq 3101 or instr consent)

Lec 1 9:15-10:20 am MW Sci 2200 T. Wyckoff  
45033 Lab 2 2:00-5:00 pm Tue Sci 2150 T. Wyckoff Max 18  
45034 Lab 3 1:00-4:00 pm Thu Sci 2150 T. Wyckoff Max 18

**Biol 4331. Global Change Ecology.** (Sci; 4 cr; prereq 3131 or instr consent)

65875 10:30-11:35 am MWF Sci 2200 Kuchenreuther Max 12

**Biol 4600. Practicum in Biology.** (1-2 cr; repeatable to 4 cr; prereq instr consent; no elective cr for biol majors or minors; S-N only)

45035 Arranged

**Senior Seminar Continuation.** (students register fall semester only; course runs all year)

Sec 1 12:15-1:15 pm Tue Sci 1020  
 Sec 2 5:00-6:00 pm Thu Sci 1020

**Biol 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)

45036 Arranged

**CHEMISTRY**

**Chem 1102. General Chemistry II.** (Sci-L; 4 cr; prereq 1101)

Lec 1 9:15-10:20 am MWF Sci 2950 Togeas  
 45376 Lab 2 2:15-5:15 pm Mon Sci 3175 Togeas Max 28  
 45377 Lab 3 8:00-11:00 am Tue Sci 3175 Togeas Max 28  
 45378 Lab 4 12:00-3:00 pm Tue Sci 3175 Soderberg Max 28  
 Lab 5 **Cancelled**  
 45380 Lab 6 12:00-3:00 pm Thu Sci 3175 Togeas Max 28

**Chem 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)

45269 Arranged

**Chem 2302. Organic Chemistry II.** (Sci; 4 cr; prereq 2301, coreq 2321 or instr consent for chem majors)

45038 Sec 1 8:00-9:05 am MWF Sci 1020 Soderberg Max 40  
 65878 Sec 2 9:15-10:20 am MWF Sci 1020 Carpenter Max 40

**Chem 2312. Organic Chemistry Lab II.** (1 cr; prereq 2311, coreq 2302 or instr consent)

45039 Lab 1 8:00-11:00 am Tue Sci 3135 Soderberg (temporary lab)  
 45040 Lab 2 8:00-11:00 am Thu Sci 3135 Soderberg Max 16

**Chem 2321. Introduction to Research.** (Sci-L; 2 cr; coreq 2302 or instr consent)

45041 Lab 1 2:15-5:15 pm MW Sci 3135 Carpenter Max 8  
 45042 Lab 2 12:00-3:00 pm TTh Sci 3135 Alia/Pappenfus Max 8

**Chem 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)

45270 Arranged

**Chem 3111. Instrumental Analysis.** (Sci-L; 4 cr; prereq 3101)

Lec 1 10:30-11:35 am MW Sci 4655 Ropp  
 65880 Lab 2 2:15-5:15 pm M+Arr Sci 3040 Ropp Max 8  
 65881 Lab 3 12:00-3:00 pm Th+Arr Sci 3040 Ropp Max 8

**Chem 3502. Physical Chemistry II.** (Sci; 4 cr; prereq 3501, coreq 3511 or instr consent for chem majors)

45043 1:00-2:05 pm MWF Sci 4655 Alia

**Chem 3511. Physical Chemistry Lab.** (1 cr; coreq 3502)

45308 2:15-5:15 pm Mon+arr Sci 3130 Alia Max 10

**Chem 3701. Inorganic Chemistry.** (Sci; 3 cr; prereq 3501 or instr consent)

45389 8:00-9:05 am MWF Sci 1030 Pappenfus Max 24

**Chem 3711. Inorganic Chemistry Lab.** (1 cr; coreq 3701 or instr consent)

65883 12:00-3:00 pm Tue Sci 3130 Pappenfus Max 12

**Chem 3901. Chemistry Seminar I.** (1 cr; prereq 2321; required of all chem majors; may not count toward chem minor)

45588 4:00-5:00 pm Thu Sci 1020 Alia

**Chem 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)

45271 Arranged

**Chem 4901. Chemistry Seminar II.** (0 cr; prereq 3901; required of all chem majors; may not count toward chem minor)

65884 4:00-5:00 pm Thu Sci 2200 Ropp

**Chem 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)

45044 Arranged

**COMPUTERSCIENCE**

**CSci 1001. Introduction to the Computing World.** (M/SR; 2 cr; no elective cr for CSci majors or minors)

45045 9:00-9:50 am TTh Sci 1030 D. Lopez Max 35

**CSci 1101. Dynamic Web Programming.** (M/SR; 2 cr)

67233 2:00-2:50 pm TTh Sci 1030 Machkasova Max 35

**CSci 1301. Problem Solving and Algorithm Development I.** (M/SR; 4 cr)

45046 10:30-11:35 am MWF Sci 1030 Lamberty Max 35

**CSci 1302. Problem Solving and Algorithm Development II.** (M/SR; 4 cr)

45047 9:15-10:20 am MWF Sci 1030 Machkasova Max 35

**CSci 2101. Data Structures.** (M/SR; 5 cr; prereq 1301)

Lec 1 2:15-3:20 pm MWF Sci 2185 Lamberty  
 45465 Lab 2 10:00-11:50 am Thu Sci 2610 Lamberty Max 20

**CSci 2901. Seminar I.** (1 cr; prereq 1301, 1302; S-N only)

45390 4:00-4:50 pm Tue Sci 2185 McPhee Max 16

**CSci 3401. Models of Computing Systems.** (M/SR; 5 cr; prereq 1302, 2101)

Lec 1 1:00-2:05 pm MWF Sci 1030 A. Lopez  
 45466 Lab 2 12:00-1:50 pm Thu Sci 2610 A. Lopez Max 20

**CSci 3601. Software Design and Development.** (M/SR; 5 cr; prereq 1302, 2101)

Lec 1 11:45-12:50 pm MWF Sci 2185 McPhee  
 45381 Lab 2 12:00-1:50 pm Tue Sci 2610 McPhee Max 20

**CSci 4408. Systems: Computer Forensics.** (M/SR; 2 cr; prereq 3401)

67234 9:00-9:50 am TTh Sci 2185 A. Lopez Max 20

**CSci 4506. Theory: Fuzzy Logic and Fuzzy Sets.** (M/SR; 2 cr; prereq 2901, 3501 or #)

65887 2:15-3:05 pm TTh Sci 3665 McPhee Max 20

**CSci 4555. Theory: Neural Networks and Machine Learning.** (M/SR; 4 cr; prereq 3501)

65888 10:00-11:40 am TTh Sci 1030 D. Lopez Max 30

**CSci 4651. Programming and Languages: Programming Languages.** (M/SR; 4 cr; prereq 3601)

65890 10:30-11:35 am MWF Sci 2185 Machkasova Max 24

**CSci 4901. Seminar II.** (1 cr; prereq 2901, jr or sr; S-N only)  
45391 4:00-4:50 pm Thur Sci 2185 A. Lopez Max 16

**CSci 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45050 Arranged

## DANCE

**Dnce 1322. Introduction to Jazz and Modern Dance.** (ArtP; 1 cr; repeatable to 2 cr; S-N only)  
66884 Sec 1 2:00-3:30 pm Tue HFA 125 Angell Max 25  
66885 Sec 2 2:30-4:00 pm Wed HFA 125 Angell Max 25

**Dnce 1332. Intermediate Jazz Dance.** (ArtP; 1 cr; repeatable to 2 cr; prereq 1322 or WSS 1331 or instr consent)  
66886 2:00-3:30 pm Thu HFA 125 Angell Max 25

**Dnce 2301. Dance Production.** (ArtP; 2 cr; prereq instr consent)  
66887 4:00-5:30 pm Tue HFA 125 Angell Max 25  
5:00-6:30 pm Wed

## ECONOMICS

**Econ 1111. Principles of Microeconomics.** (SS; 4 cr; prereq high school algebra or instr consent)  
45398 11:45-12:50 pm MWF CS 132 Lawrence Max 40

**Econ 1112. Principles of Macroeconomics.** (SS; 4 cr; prereq high school algebra or instr consent)  
45400 Sec 1 1:00-2:05 pm MWF CS 134 Kepner Max 40  
45467 Sec 2 10:00-11:40 am TTh CS 134 Bina Max 40

**Econ 1951. Seminar for Social Science Majors.** (1 cr; prereq 1112; no cr for students who are concurrently enrolled in or have received cr for 3xxx Econ courses; S-N only)  
45220 Arranged Vo Max 10

**Econ 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45284 Arranged

**Econ 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45285 Arranged

**Econ 3007. Environmental and Natural Resource Economics I.** (Env; 2 cr; prereq 1111, 1112 or instr consent)  
65893 2:15-3:20 pm MWF(1st half) Sci 1030 Kildegaard Max 30

**Econ 3008. Environmental and Natural Resource Economics II.** (Env; 2 cr; prereq 3007 or instr consent)  
65894 2:15-3:20 pm MWF(2nd half) Sci 1030 Kildegaard Max 30

**Econ 3121. Public Economics I.** (SS; 2 cr; prereq 1111, 1112 or instr consent)  
65895 10:30-11:35 am MWF(1st half) CS 132 Kepner Max 30

**Econ 3122. Public Economics II.** (SS; 2 cr; prereq 1111, 1112 or instr consent)  
65896 10:30-11:35 am MWF(2nd half) CS 132 Kepner Max 30

**Econ 3202. Macroeconomic Theory.** (SS; 4 cr; prereq 1112, Math 1101

or instr consent)  
45221 1:00-2:05 pm MWF CS 132 Finzel Max 40

**Econ 3501. Introduction to Econometrics.** (M/SR; 4 cr; prereq 3201 or 3202, Stat 1601)  
45222 9:15-10:20 am MWF Sci 3610 Lawrence Max 30

**Econ 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45286 Arranged

**Econ 4121. International Trade Theory.** (SS; 2 cr; prereq 3201 or instr consent)  
45420 11:45-12:50 pm MWF(1st half) CS 128 Kildegaard Max 20

**Econ 4131. International Finance.** (SS; 2 cr; prereq 3202 or instr consent)  
45369 11:45-12:50 pm MWF(2nd half) CS 128 Kildegaard Max 20

**Senior Research Seminar Continuation.** (students register fall semester only; course runs all year):  
3:30-4:35 pm Wed Sci 1020

**Econ 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45223 Arranged

## EDUCATION

**Ed 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45242 Arranged

**Ed 2101. Foundations and Issues in Education.** (1 cr; coreq 2111)  
45002 Sec 110:00-11:40 am Tue(1st half) Edu 106 Solvie Max 15  
45003 Sec 2 12:00-1:40 pm Tue(1st half) Edu 106 Solvie Max 15  
45004 Sec 3 8:00-9:40 am Tue(1st half) Edu 106 Solvie Max 15

**Ed 2111. Tutor-Aide Practicum.** (1 cr; coreq 2101; S-N only)  
65900 Arranged Solvie

**Ed 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45243 Arranged

**Ed 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45244 Arranged

**Ed 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45005 Arranged

## EDUCATION, ELEMENTARY

**EIEd 3201. Preprimary Theory and Pedagogy.** (3 cr; prereq 3101, 3102, 3103, 3111)  
45421 2:00-3:40 pm TTh MRC 212 Marxen Max 40

**EIEd 3202. Middle Level Theory.** (2 cr; prereq 3101, 3102, 3103, 3111)  
45373 2:00-3:40 pm TTh MRC 205 Rudney Max 40

**EIEd 3211. Practicum II: Field Experience in a Preprimary Setting.**

(1 cr; prereq 3101, 3102, 3103, 3111; S-N only)  
45374 Arranged Marxen

**EIEd 3212. Practicum II: Field Experience in a Middle Level Setting.**  
(1 cr; prereq 3101, 3102, 3103, 3111; S-N only)  
45375 Arranged Hu

**EIEd 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45245 Arranged

**EIEd 4201. Directed Student Teaching in Primary and Intermediate Grades.** (HDiv; 10 cr; prereq 4101, 4102, 4103, 4104, 4111, 4112; S-N only)  
45329 Sec 1 Arranged Regional Rudney  
45309 Sec 2 Arranged Non-Regional Rudney

**EIEd 4204. Directed Student Teaching in International School at the Primary and Intermediate Level.** (IP; 10 cr; prereq 4101, 4102, 4103, 4104, 4111, 4112; S-N only)  
45304 Arranged Kuechle

**EIEd 4901. The Teacher and Professional Development.** (2 cr; prereq 4201 or 4204 or instr consent)  
45006 Sec 1 Arranged (2nd half) Rudney Max 8  
45500 Sec 2 Arranged (2nd half) Marxen Max 8  
45501 Sec 3 Arranged (2nd half) Solvie Max 8  
65901 Sec 4 Arranged (2nd half) Hu Max 6

**EIEd 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45007 Arranged

## EDUCATION, SECONDARY

**SeEd 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45302 Arranged

**SeEd 4201. Directed Student Teaching in the Middle and Secondary School.** (HDiv; 10 cr; prereq 4101, 4102, 4103, methods, Spch 1052 or exemption; S-N only)  
45330 Sec 1 Arranged Regional Page  
45310 Sec 2 Arranged Non-Regional Page

**SeEd 4204. Directed Student Teaching in International School at the Middle and Secondary Level.** (IP; 10 cr; prereq 4101, 4102, 4103, methods, Spch 1052 or exemptions; S-N only)  
45305 Arranged Kuechle

**SeEd 4901. The Teacher and Professional Development.** (2 cr; prereq 4201 or 4204 or instr consent)  
Sec 1 Cancelled  
45502 Sec 2 Arranged (2nd half) Trageser Max 13  
65902 Sec 3 Arranged (2nd half) Page Max 13

**SeEd 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45009 Arranged

## SECONDARY EDUCATION MIDDLE SCHOOL METHODS COURSES

These courses focus on the objectives, curricula, special methods, materials, and evaluation appropriate for teaching the various subject matter areas in the middle school. Students are expected to complete a methods course in their licensure areas. The requisites for each course are a major or minor in the discipline and admission to the secondary education program. The methods course must be successfully completed before student teaching in a specific field.

**EngE 4122. Methods of Teaching Communication Arts and Literature in the Middle School.** (1 cr; A-F only)  
45531 Arranged Rudney

**MthE 4122. Methods of Teaching Mathematics in the Middle School.** (1 cr; A-F only)  
45532 Arranged Hu

**SciE 4122. Methods of Teaching Science in the Middle School.** (1 cr; A-F only)  
45533 Arranged Hu

**SScE 4122. Methods of Teaching Social Science in the Middle School.** (1 cr; A-F only)  
45534 Arranged Rudney

## ENGLISH

**Engl 1011. College Writing.** (CW; 4 cr)  
45112 Sec 1 9:15-10:20 am MWF Hum 11 Blake Max 18  
45113 Sec 2 10:30-11:35 am MWF Hum 11 Minton Max 18  
45114 Sec 3 8:00-9:40 am TTh Hum 205 Butler Max 18  
Sec 4 Cancelled Max 18  
Sec 5 Cancelled  
45117 Sec 6 12:00-1:40 pm TTh Hum 111 Butler Max 18  
45118 Sec 7 2:00-3:40 pm TTh CS 128 Turk Max 18  
45119 Sec 8 2:00-3:40 pm TTh HFA 23 Heyman Max 18

**Engl 1131. Introduction to Literature.** (Hum; 4 cr; prereq 1011 or equiv)  
45478 Sec 1 10:30-11:35 am MWF Hum 205 Gercken-Hawkins Max 20  
45479 Sec 2 1:00-2:05 pm MWF Hum 105 Minton Max 20  
45654 Sec 3 2:15-3:20 pm MWF Hum 105 Gercken-Hawkins Max 20

**Engl 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
65903 Arranged

**Engl 2011. Introduction to Poetry and Poetic Language.** (Hum; 4 cr; prereq 1011 or equiv)  
45120 2:15-3:20 pm MWF Hum 211 D. Ericksen Max 20

**Engl 2031. Gender in Literature and Culture.** (HDiv; 4 cr; prereq 1011 or equiv)  
65904 2:00-3:40 pm TTh Hum 5 Murphy Max 25

**Engl 2106. Topics in Writing: The Environmental Imagination: Reading and Writing about the Natural World.** (Env; 4 cr; prereq 1011 or equiv)  
67038 12:00-1:40 pm TTh Hum 105 Graham Max 15

**Engl 2121. Topics in Writing: Introduction to Creative Writing.** (ArtP; 4 cr; prereq 1011 or equiv)  
45498 2:00-3:40 pm TTh MRC 10 Manolis Max 18

**Engl 2161. Topics in Writing: News Writing and Reporting.** (Hum; 4 cr; prereq 1011 or equiv)  
65906 2:15-3:20 pm MWF Hum 5 Blake Max 20

**Engl 2202. British Literature Survey II.** (Hum; 4 cr; prereq 1011 or equiv, 1131)  
45480 2:00-3:40 pm TTh Hum 205 Deane Max 25

**Engl 2212. American Literature Survey II.** (Hum; 4 cr; prereq 1011 or equiv, 1131)  
45122 9:15-10:20 am MWF Hum 111 Gercken-Hawkins Max 25

**Engl 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45251 Arranged

**Engl 3032. Creative Nonfiction.** (Hum; 4 cr; prereq 1011 or equiv)  
68168 10:00-11:40 am TTh HFA 18 Turk Max 20

**Engl 3010. Practicum in Writing Tutoring.** (Hum; 2 cr; repeatable to 4 cr; prereq 1011 or equiv, instr consent, S-N only)  
45595 Arranged Turk

**Engl 3014. Advanced Poetry Writing.** (ArtP; 4 cr; prereq instr consent)  
45535 3:30-5:30 pm MW Hum 105 Graham Max 15

**Engl 3159. Shakespeare.** (Hum; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212)  
45121 3:30-4:35 pm MWF Hum 111 Minton Max 25

**Engl 3231. Women and Modernism: A Room of Her Own.** (Hum; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212)  
65907 2:00-3:40 pm TTh Hum 111 Graham Max 20

**Engl 3301. U.S. Multicultural and Multiracial Literatures.** (HDiv; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212)  
45495 1:00-2:05 pm MWF Hum 5 Blake Max 25

**Engl 3411. Critical Approaches to Literature.** (Hum; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212)  
45481 10:00-11:40 am TTh Hum 111 Deane Max 20

**Engl 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45252 Arranged

**Engl 4004. Research Seminar: Old English Literature and Language.** (Hum; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212, instr consent)  
65908 10:00-11:40 am TTh Hum 12 J. Ericksen Max 12

**Engl 4016. Research Seminar: Women and the Market in 19<sup>th</sup>-Century America.** (Hum; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212, instr consent)  
65909 12:00-1:40 pm TTh Hum 12 Murphy Max 12

**Engl 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45123 Arranged

## FRENCH

Students who plan to complete courses in the same language that they studied in high school must take the proficiency/placement examination and abide by the placement recommendation.

**Fren 1002. Beginning French II.** (FL; 4 cr; prereq 1001 or placement or instr consent)  
45124 Sec 1 10:30-11:35 am MWF Hum 111 Berberi Max 25  
45125 Sec 2 11:45-12:50 pm MWF Hum 111 Berberi Max 25

**Fren 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45253 Arranged

**Fren 2002. Intermediate French II.** (IP; 4 cr; prereq 2001 or placement or instr consent)  
45126 2:15-3:20 pm MWF Hum 111 Buchanan Max 25

**Fren 2011. Introduction to French Phonetics.** (Hum; 2 cr; repeatable to 4 cr; open to all students of French; course does not count toward the FL requirement)  
65910 1:00-2:05 pm MWF(1st half) Hum 12 Buchanan Max 15

**Fren 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45254 Arranged

**Fren 3011. Reading and Analysis of Texts.** (Hum; 4 cr; prereq 3001 or instr consent)  
45345 9:15-10:20 am MWF Hum 105 T. Berberi

**Fren 3025. Early Modern Studies: Wonder and the Marvelous.** (Hum; 4 cr; prereq or coreq 3011 or instr consent)  
65911 12:00-1:40 pm TTh Sci 2185 Senior

**Fren 3042. Francophone Studies: Contes francophones.** (IP; 4 cr; prereq or coreq 3011 or instr consent)  
65912 10:00-11:40 am TTh Hum 105 Buchanan

**Fren 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45255 Arranged

**Fren 4901. Senior Seminar.** (4 cr; prereq completion of 32 cr toward the French major; must be taken on campus)  
45482 2:00-3:40 pm TTh Sci 3655 Senior

**Fren 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45127 Arranged

## GEOGRAPHY

**Geog 2001. Problems in Geography.** (Envnt; 4 cr)  
45317 4:00-5:40 pm TTh Hum 205 Heyman Max 35

## GEOLOGY

**Geol 1001. Environmental Geology: Geology in Daily Life.** (Sci; 4 cr; may not count toward geol major or minor)  
45051 11:45-12:50 pm MWF Sci 2950 Cotter Max 275

**Geol 1101. Physical Geology.** (Sci-L; 4 cr)  
 Lec 1 11:45-12:50 pm MWF Sci 3650 Brugger  
 45053 Lab 2 1:30-4:30 pm Mon Sci 1650 Brugger Max 24  
 45054 Lab 3 10:00-1:00 pm Tue Sci 1650 Brugger Max 24

**Geol 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
 45272 Arranged

**Geol 2111. Igneous and Metamorphic Petrology.** (Sci-L; 4 cr; prereq 2101)

Lec 1 12:00-1:40 pm MW Sci 1510 Jones  
 45059 Lab 2 9:00-12:00 pm Tue

**Geol 2151. Historical Geology: Earth History and Changing Scientific Perspectives.** (Sci-L; 4 cr)

Lec 1 10:00-11:40 am TTh Sci 3650 Cotter  
 45056 Lab 2 1:00-4:00 pm Wed Sci 1650 Cotter Max 24  
 45057 Lab 3 2:00-5:00 pm Tue Sci 1650 Cotter Max 24

**Geol 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
 45273 Arranged

**Geol 3004. Orogenic Belts.** (Sci; 4 cr; prereq 3001 or instr consent)

68227 2:00-3:40 pm TTh Sci 1510 Jones

**Geol 3101. Structural Geology.** (Sci-L; 4 cr; prereq 2111 or instr consent)

45061 2:00-5:00 pm TTh Sci 1515 Brugger

**Geol 3601. Introduction to Geochemistry.** (Sci; 4 cr; prereq Chem 1101 or instr consent)

Cancelled

**Geol 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
 45274 Arranged

**Geol 4902. Geology Senior Seminar Presentations.** (1 cr; prereq instr consent; required for geol major)

45062 Arranged

**Geol 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)

45063 Arranged

## GERMAN

Students who plan to complete courses in the same language that they studied in high school must take the proficiency/placement examination and abide by the placement recommendation.

**Ger 1002. Beginning German II.** (FL; 4 cr; prereq 1001 or placement or instr consent)

45128 9:15-10:20 am MWF Hum 205 Zhou Max 25

**Ger 1993. Directed Study.** (1-5 cr per semester; repeatable to 10 cr; prereq approved directed study form)

45256 Arranged

**Ger 2002. Intermediate German II: German Culture and Civilization.** (IP; 4 cr; prereq 2001 or instr consent)

45130 2:15-3:20 pm MWF Hum 205 Borchardt Max 25

**Ger 2993. Directed Study.** (1-5 cr per semester; repeatable to 10 cr; prereq approved directed study form)  
 45257 Arranged

**Ger 3011. Readings in German.** (IP; 4 cr; prereq 2011 or instr consent; may enroll concurrently with 2002; soph or higher recommended)

65913 11:45-12:50 pm MWF Hum 12 Zhou

**Ger 3102. Survey of German Literature and Culture II.** (Hum; 4 cr; prereq 3011 or instr consent)

45573 2:15-3:20 pm MWF Hum 12 Zhou

**Ger 3201. Periods: German Classicism.** (Hum; 4 cr; prereq 3101, 3102 or instr consent)

65914 2:00-3:40 pm TTh Hum 105 Borchardt

**Ger 3993. Directed Study.** (1-5 cr per semester; repeatable to 10 cr; prereq approved directed study form)

45258 Arranged

**Ger 4901. Senior Project.** (1-5 cr; repeatable to 10 cr; prereq 3011 or instr consent)

45132 Arranged

**Ger 4993. Directed Study.** (1-5 cr per semester; repeatable to 10 cr; prereq approved directed study form)

45131 Arranged

## HISTORY

**Hist 1102. Introduction to World History Since 1500.** (Hist; 4 cr)

45224 Sec 1 10:30-11:35 am MWF Sci 1020 Hinds Max 55

45413 Sec 2 2:15-3:20 pm MWF Sci 2950 He Max 55

45605 Sec 3 2:00-3:40 pm TTh Sci 4655 Ryan Max 55

**Hist 1301. Introduction to U.S. History.** (Hist; 4 cr)

45443 12:00-1:40 pm TTh Sci 2950 Guyotte Max 70

**Hist 1402. Women in U.S. History.** (HDiv; 4 cr)

65915 10:00-11:40 am TTh CS 132 Posadas Max 40

**Hist 1502. Introduction to East Asia, 1600-2000.** (IP; 4 cr)

68170 12:00-1:40 pm TTh Sci 2200 He Max 20

**Hist 1601. Latin American History: A Basic Introduction.** (IP; 4 cr)

45468 8:00-9:50 am TTh Sci 1020 Hinds Max 40

**Hist 3101. Renaissance and Reformation.** (Hist; 4 cr)

67172 1:00-2:05 pm MWF Sci 2190 J. Deane Max 30

**Hist 3103. Medieval Europe.** (Hist 4 cr)

67171 9:15-10:20 am MWF CS 134 J. Deane Max 30

**Hist 3252. Asian American History.** (HDiv; 4 cr)

68171 4:00-5:40 pm TTh Hum 211 Posadas Max 20

**Hist 3455. American Immigration.** (Hist; 4 cr)

65916 2:00-3:40 pm TTh CS 132 Guyotte Max 20

**Hist 3456. History of Religion in America.** (Hist; 4 cr)

45550 12:00-1:40 pm TTh CS 134 Gross Max 20

**Hist 3552. History of China.** (IP; 4 cr)

Cancelled

**Hist 3607. Aztec Culture and History.** (IP; 4 cr)  
67235 10:00-11:40 am TTh CS 128 Schwaller Max 20

**Hist 3707. Gender in East Asia.** (HDiv; 4 cr)  
65917 11:45-12:50 pm MWF CS 134 He Max 35

**Hist 3708. European Women's History, 1600-Preseent.** (IP; 4 cr;  
prereq 1101 or 1102 or 1301, WoSt 1101)  
12:00-1:40 pm TTh Sci 3650 Ryan Max 30

**Hist 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved  
directed study form)  
45287 Arranged

**Hist 4110. Tutorial in History.** (1 cr; no credit for 4110 until 4120  
completed; repeatable to 10 cr; prereq history major, instr  
consent)(Students need to request a permission slip from the Social Science  
Division Office before registering. Although the grading system for 4110/  
4120 can be A-F or S/N, students must register under the same system for  
both courses.)  
45347 Arranged

**Hist 4120. Tutorial in History.** (4 cr; no credit for 4110 until 4120  
completed; repeatable to 10 cr; prereq history major, instr  
consent)(Students need to request a permission slip from the Social Science  
Division Office before registering. Although the grading system for 4110/  
4120 can be A-F or S/N, students must register under the same system for  
both courses.)  
45225 Arranged

**Hist 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved  
directed study form)  
45303 Arranged

## HUMANITIES

**Hum 1002. Norse Saga.** (Hum; 4 cr)  
65918 8:00-9:40 am TTh Hum 11 J. Ericksen Max 25

**Hum 1571. Contemporary Latin American Women Writers.** (IP; 4  
cr)  
68352 1:00-2:05 pm MWF Sci 2185 Hidalgo-Nunez Max 25

**Hum 1993. Directed Study.** (1- 5 cr; repeatable to 10 cr; prereq approved  
directed study form)  
45259 Arranged

**Hum 2993. Directed Study.** (1- 5 cr; repeatable to 10 cr; prereq approved  
directed study form)  
45260 Arranged

**Hum 3993. Directed Study.** (1- 5 cr; repeatable to 10 cr; prereq approved  
directed study form)  
45261 Arranged

**Hum 4993. Directed Study.** (1- 5 cr; repeatable to 10 cr; prereq approved  
directed study form)  
45133 Arranged

## INTERDISCIPLINARY STUDIES

**IS 1061. Learning to Learn.** (SS; 2 cr; prereq instr consent; S-N only)  
45348 Sec 110:30-11:35 am MWF(1st half) MRC 10 Klopfleisch Max 15  
45349 Sec 2 1:00-2:05 pm MWF(1st half) MRC 10 Klopfleisch Max 15

**IS 1071. Systematic Introduction to the Art and Science of Emer-  
gency Medical Care.** (4 cr; prereq registration with the Stevens County  
Ambulance Service who conducts this course. If you have not already made  
arrangements with them, you need to immediately contact them at 320-  
589-7421. You can take the course from them without registering at  
UMM, but the inverse is not true. The Stevens County Ambulance Service  
sets and requires an independent fee; S-N only)  
45087 Arranged Hardy

**IS 1091. Ethical and Social Implications of Technology.** (E/CR; 2 cr)  
45306 1:00-1:50 pm TTh Sci 1030 Lamberty Max 25

**IS 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved  
directed study form)  
45239 Arranged

**IS 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved  
directed study form)  
45240 Arranged

**IS 3208H. Honors: Totalitarianism: Imagination, Theory, and  
Experience.** (SS; 2 cr; prereq participation in Honors Program or instr  
consent)  
66485 4:00-5:40 pm Tue Sci 1030 Hunt, Max 20  
Wojtaszek

**IS 3211H. Honors: Republic or Empire? The American 1890s.** (Hist; 2  
cr; prereq participation in Honors Program or instr consent)  
45496 3:30-5:10 pm Wed Hum 205 Guyotte, Max 20  
Murphy

**IS 3221H. Honors: Open Source vs. Proprietary Technology: The  
Economics of Networks and Innovation.** (SS; 2 cr; prereq participation  
in Honors Program or instr consent)  
66005 4:00-5:40 pm Thu Sci 1030 Kildegaard, Max 20  
McPhee

**IS 3710. Peer Tutoring in College.** (1 cr; repeatable to 3 cr; prereq  
3705)  
45307 Arranged Angell

**IS 3800. Practicum in Social Sciences.** (1-2 cr; repeatable to 4 cr;  
prereq instr consent; S-N only)(Students need to request a permission slip  
from the Social Science Division Office before registering.)  
45088 Arranged

**IS 3810. Practicum in the Humanities.** (2 cr; repeatable to 4 cr; prereq  
instr consent; S-N only)  
67804 Arranged

**IS 3893. Prior Learning Directed Study.** (1-4 cr; repeatable to 10 cr;  
prereq approved directed study form)  
45089 Arranged

**IS 3896. Prior Learning Internship.** (1-16 cr; repeatable to 32 cr; prereq  
approved Internship Form; S-N only)  
45090 Arranged

**IS 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45241 Arranged

**IS 3996. Interdisciplinary Internship.** (1-16 cr; repeatable to 32 cr; prereq approved Internship Form; S-N only)  
45091 Arranged

**IS 4101. Introduction to Professional Conduct Codes, Legal Constraints, and Ethics in the Human Services.** (E/CR; 2 cr; prereq jr, 10 credits 3xxx or 4xxx human services courses or instr consent)  
45350 Sec 1 2:00-3:40 pm TTh(2nd half) Sci 1020 Husted Max 40  
69049 Sec 2 6:00-7:40 pm TTh(2nd half) CS 134 Husted Max 40

**IS 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45092 Arranged

**IS 4994H. Senior Honors Project.** (1-4 cr; repeatable to 8 cr; prereq approved Honors project form, participation in Honors Program)  
45093 Arranged

### LATINAMERICANAREASTUDIES

The following requirements or elective courses outside of the LAAS discipline are offered Spring 2006. Simply click on the class and it will link you to the offering.

**Anth 2301, Engl 3301, Hist 1601, Hist 3607, Hum 1571, Pol 3505, Soc 2301, Span 1002, Span 2002, Span 2121, Span 3002, Span 3101, Span 3601, Span 3653, Span 3672, Span 4001**

**LAAS 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45483 Arranged Staff

**LAAS 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45484 Arranged Staff

**LAAS 3100. Contemporary Latin America.** (1 cr; prereq LAAS major; to be repeated each sem a student is in residence; only 4 cr may apply to LAAS major)  
45094 Arranged Chollett

**LAAS 3201. Bibliographical Tools and Journals in Latin American Area Studies.** (1 cr; prereq LAAS major)  
45095 Arranged Schwaller

**LAAS 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45485 Arranged Staff

**LAAS 4101. Senior Tutorial in Latin American Area Studies.** (1-4 cr; prereq 3201, sr LAAS major)  
45096 Arranged Hinds

**LAAS 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45486 Arranged Staff

### MANAGEMENT

**Mgmt 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45288 Arranged

**Mgmt 2102. Principles of Accounting II.** (4 cr; prereq 2101; [An evening exam will be required on February 23 and April 3. The exams will begin at 6:00 pm and students will be given as much time as needed to finish.])  
45226 Sec 1 9:15-10:20 am MWF Hum 5 Reicosky Max 40  
45227 Sec 2 10:30-11:35 am MWF Hum 5 Reicosky Max 40

**Mgmt 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45289 Arranged

**Mgmt 3151. Human Resource Management I.** (E/CR; 2 cr; prereq 2101 or instr consent)  
45470 10:30-11:35 am MWF(1st half) CS 134 Finzel Max 30

**Mgmt 3201. Marketing Principles and Strategy.** (SS; 4 cr; prereq 2102, Stat 1601 or instr consent)  
68595 4:00-5:40 pm TTh Sci 2190 Gausman Max 30

**Mgmt 3221. Management and Organization Theory.** (SS; 4 cr; prereq 2101, Econ 1111 or instr consent)  
66000 12:00-1:40 pm TTh Hum 5 Reicosky Max 30

**Mgmt 3513. Negotiation.** (SS; 4 cr; prereq 3221 or Psy 3501 or Mgmt/Psy 3701)(Same as Psy 3513)  
66001 10:00-11:40 am TTh Hum 11 Stewart Max 10

**Mgmt 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45290 Arranged

**Mgmt 4101. Investment and Portfolio Analysis.** (SS; 4 cr; prereq 2101, 2102, 3101)  
45401 10:00-11:40 am TTh MRC 10 Vo Max 30

**Mgmt 4501. Globalization and Business Strategy.** (IP; 2 cr; prereq 3601 or instr consent)  
66009 2:00-3:40 pm TTh(1st half) Sci 2190 Bina Max 30

**Mgmt 4502. Technological Change, Labor Markets, and Skill Formation.** (IP; 2 cr; prereq 3601 or instr consent)  
66013 2:00-3:40 pm TTh(2nd half) Sci 2190 Bina Max 30

**Mgmt 4602. Long-Term Financing.** (SS; 2 cr; prereq 3101 or instr consent)  
66014 2:00-3:40 pm TTh(2nd half) Sci 3650 Vo Max 30

**Mgmt 4896. Internship.** (1-4 cr; repeatable to 4 cr; 2 cr may be applied toward major or minor; prereq 2102, instr consent; S-N only)  
45314 Arranged Bina

**Mgmt 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45228 Arranged

## MATHEMATICS

**Math 1001. Survey of Math.** (M/SR; 4 cr; prereq 2 years of high school math)

45064	Sec 1	8:00-9:05 am	MWF	Sci 2200	Logan	Max 35
45423	Sec 2	2:15-3:20 pm	MWF	Sci 2200	McQuarrie	Max 35

**Math 1011. Pre-Calculus.** (4 cr; prereq high school higher algebra, geometry; intended to prepare students for Math 1101)

45065	Sec 1	8:00-9:05 am	MWF	Sci 3650	McQuarrie	Max 35
45424	Sec 2	3:30-4:35 pm	MWF	Sci 3650	DeRung	Max 35

**Math 1101. Calculus I.** (M/SR; 5 cr; prereq high school higher algebra, geometry, trigonometry or 1011)

45066	Sec 1	10:30-11:35 am	MWF	Sci 3510	Kahng	Max 35
		10:00-11:40 am	Thu			
45067	Sec 2	1:00-2:05 pm	MWF	Sci 3510	Li	Max 35
		12:00-1:40 pm	Thu			
45392	Sec 3	2:15-3:20 pm	MWF	Sci 3510	Tuba	Max 35
		2:00-3:40 pm	Tue			

**Math 1102. Calculus II.** (M/SR; 5 cr; prereq 1101)

45068	Sec 1	3:30-4:35 pm	MWF	Sci 3510	Tuba	Max 35
		4:00-5:40 pm	Tue			
45069	Sec 2	11:45-12:50 pm	MWF	Sci 3510	O'Reilly	Max 35
		12:00-1:40 pm	Tue			

**Math 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)

45275	Arranged
-------	----------

**Math 2101. Calculus III.** (M/SR; 4 cr; prereq 1102 or instr consent)

45072	8:00-9:05 am	MWF	Sci 2185	Kahng	Max 35
-------	--------------	-----	----------	-------	--------

**Math 2111. Linear Algebra.** (M/SR; 4 cr; prereq 1101 or instr consent)

45073	9:15-10:20 am	MWF	Sci 4655	Ng	Max 35
-------	---------------	-----	----------	----	--------

**Math 2202. Mathematical Perspectives.** (M/SR; 4 cr; prereq 1101)

45402	2:15-3:20 pm	MWF	Sci 4655	Logan	Max 30
-------	--------------	-----	----------	-------	--------

**Math 2993. Directed Study.** (1-5 cr; repeatable to 25 cr; prereq approved directed study form)

45276	Arranged
-------	----------

**Math 3231. Abstract Algebra I.** (M/SR; 4 cr; prereq 2111, 2202 or instr consent)

45403	4:00-5:40 pm	TTh	Sci 4655	O'Reilly	Max 30
-------	--------------	-----	----------	----------	--------

**Math 3401. Operations Research.** (M/SR; 4 cr; prereq 1100 or higher or instr consent)

45075	3:30-5:10 pm	MW	Sci 3655	Ng	Max 30
-------	--------------	----	----------	----	--------

**Math 3993. Directed Study.** (1-5 cr; repeatable to 25 cr; prereq approved directed study form)

45277	Arranged
-------	----------

**Math 4201. Complex Analysis.** (M/SR; 2 cr; prereq 3221 or instr consent)

66008	11:00-11:50 am	TTh	Sci 3665	Li	Max 20
-------	----------------	-----	----------	----	--------

**Math 4211. Real Analysis.** (M/SR; 2 cr; prereq 3221 or instr consent)

45555	10:00-10:50 am	TTh	Sci 3665	Li	Max 20
-------	----------------	-----	----------	----	--------

**Math 4401. Numerical Methods With Applications in Mathematical Modeling.** (M/SR; 4 cr; prereq 2111, 2401 or instr consent)

66010	8:00-9:40 am	TTh	Sci 4655	McQuarrie	Max 20
-------	--------------	-----	----------	-----------	--------

**Math 4993. Directed Study.** (1-5 cr; repeatable to 25 cr; prereq approved directed study form)

45077	Arranged
-------	----------

## MUSIC

**Mus 0100. Concert Attendance.** (0 cr; repeatable 7 times; prereq major; S-N only)

45134	Arranged	Hodgson
-------	----------	---------

**Mus 1041. Introduction to Music.** (FA; 4 cr)

45503	11:45-12:50 pm	MWF	HFA 185	Hodgson	Max 50
-------	----------------	-----	---------	---------	--------

**Mus 1044. Class Piano.** (ArtP; 1 cr; special fee required)

45135	Sec 1	12:00-12:50 pm	Tue	HFA 175	K. Carlson	Max 9
45136	Sec 2	1:00-1:50 pm	Tue	HFA 175	K. Carlson	Max 9

**Mus 1045. Class Guitar.** (ArtP; 1 cr; special fee required)

45449	Arranged	Sparks	Max 7
-------	----------	--------	-------

**Mus 1046. Class Voice.** (ArtP; 1 cr; special fee required)

68165	2:00-3:40 pm	TTh	HFA 170	DeJong	Max 15
-------	--------------	-----	---------	--------	--------

**Mus 1050. Accompanying.** (ArtP; 1 cr; repeatable to 8 cr; prereq instr consent; S-N only)

45137	Arranged	K. Carlson
-------	----------	------------

**Mus 1070. Instrumental Chamber Ensemble.** (ArtP; 1 cr; repeatable to 8 cr; prereq instr consent)

45142	Arranged	J. Carlson
-------	----------	------------

**Mus 1080. Jazz Combo.** (ArtP; 1 cr; repeatable to 8 cr; prereq instr consent)

45143	Arranged	J. Carlson
-------	----------	------------

**Mus 1090. Vocal Chamber Ensemble.** (ArtP; 1 cr; repeatable to 8 cr; prereq instr consent)

45144	Arranged	Hodgson
-------	----------	---------

**Mus 1102. Core Studies I: Music Theory II.** (M/SR; 4 cr; prereq 1101, major or minor or instr consent; concurrent enrollment in piano lessons until the piano proficiency test is passed)

45300	1:00-2:05 pm	MWF	HFA 185	R. Richards	Max 30
-------	--------------	-----	---------	-------------	--------

**Mus 1200-1223. Individual Performance Studies.** (ArtP; 1 cr per sem for each; repeatable to 8 cr; prereq instr consent; special fee required)

### Mus 1200. Piano

45145	Sec 1	Arranged	K. Carlson
45318	Sec 2	Arranged	J. Richards
45319	Sec 3	Arranged	Helder
45320	Sec 4	Arranged	Klemetson

### Mus 1201. Piano Accompanying

45146	Arranged	K. Carlson
-------	----------	------------

### Mus 1202. Organ

45147	Arranged	K. Carlson
-------	----------	------------

### Mus 1203. Harpsichord

45148	Arranged	K. Carlson
-------	----------	------------

### Mus 1204. Voice

45149	Sec 1	Arranged	H. Koehler
45321	Sec 2	Arranged	DeJong
45322	Sec 3	Arranged	W. Koehler
45323	Sec 4	Arranged	K. Miller

### Mus 1205. Violin

45150	Arranged	Laliberte
-------	----------	-----------

**Mus 1206. Viola**  
45151 Arranged Laliberte

**Mus 1207. Cello**  
45152 Arranged Eerdmans

**Mus 1208. Double Bass**  
45153 Arranged Laliberte

**Mus 1209. Flute**  
45154 Arranged J. Richards

**Mus 1210. Oboe**  
45155 Arranged Hodgson

**Mus 1211. Clarinet**  
45156 Arranged J. Ross

**Mus 1212. Saxophone**  
45157 Arranged E. Ross

**Mus 1213. Bassoon**  
45158 Arranged Hodgson

**Mus 1214. Trumpet**  
45159 Arranged J. Carlson

**Mus 1215. French Horn**  
45160 Arranged Schwagerl

**Mus 1216. Trombone**  
45161 Arranged Varpness

**Mus 1217. Baritone**  
45162 Arranged Varpness

**Mus 1218. Tuba**  
45163 Arranged Varpness

**Mus 1219. Percussion**  
45164 Arranged Svendsen

**Mus 1220. Recorder**  
45338 Arranged J. Richards

**Mus 1221. Guitar**  
45414 Arranged Sparks

**Mus 1222. Electric Bass**  
45415 Arranged Freudenberg

**Mus 1223. Composition**  
45593 Arranged E. Ross

**Mus 1300. Concert Band.** (ArtP; 1 cr; repeatable to 8 cr)  
45165 3:30-4:30 pm MWF HFA 180 J. Ross  
3:50-4:30 pm TTh

**Mus 1310. University Choir.** (ArtP; 1 cr; repeatable to 8 cr; prereq instr consent)  
45166 2:15-3:20 pm MWF HFA 170 Hodgson

**Mus 1320. Concert Choir.** (ArtP; 1 cr; repeatable to 8 cr; prereq instr consent)  
45167 4:35-5:30 pm M-F HFA 170 Hodgson

**Mus 1330. Jazz Ensemble.** (ArtP; 1 cr; repeatable to 8 cr)  
45138 Sec 1 11:45-12:50 pm MWF HFA 180 J. Carlson  
45139 Sec 2 12:00-12:50 pm TTh HFA 180 J. Carlson  
45140 Sec 3 1:00-1:50 pm TTh HFA 180 J. Carlson  
45141 Sec 4 6:35-7:50 pm Mon HFA 180 J. Carlson

**Mus 1340. Orchestra.** (ArtP; 1 cr; repeatable to 8 cr)  
45337 5:35-6:30 pm M-F HFA 180 J. Ross

**Mus 2102. Core Studies II: Music Theory IV.** (Hum; 4 cr; prereq 2101, major or minor or instr consent; concurrent enrollment in piano lessons until the piano proficiency test is passed)  
45168 2:15-3:20 pm MWF HFA 185 R. Richards Max 30

**Mus 3102. Core Studies III: Classical, Romantic, and 20th-Century Music.** (FA; 4 cr; prereq 1102, major or minor or instr consent)  
45586 10:30-11:35 am MWF HFA 185 E. Ross Max 30

**Mus 3200-3223. Advanced Individual Performance Studies.** (ArtP; 1 cr per sem for each; repeatable to 8 cr; prereq instr consent)

**Mus 3200. Piano**  
45169 Sec 1 Arranged K. Carlson  
45324 Sec 2 Arranged Klemetson  
45325 Sec 3 Arranged Helder

**Mus 3201. Piano Accompanying**  
45170 Arranged K. Carlson

**Mus 3202. Organ**  
45301 Arranged K. Carlson

**Mus 3203. Harpsichord**  
45171 Arranged K. Carlson

**Mus 3204. Voice**  
45172 Sec 1 Arranged H. Koehler  
45326 Sec 2 Arranged DeJong  
45327 Sec 3 Arranged W. Koehler  
45328 Sec 4 Arranged K. Miller

**Mus 3205. Violin**  
45173 Arranged Laliberte

**Mus 3206. Viola**  
45174 Arranged Laliberte

**Mus 3207. Cello**  
45175 Arranged Eerdmans

**Mus 3208. Double Bass**  
45176 Arranged Laliberte

**Mus 3209. Flute**  
45177 Arranged J. Richards

**Mus 3210. Oboe**  
45178 Arranged Hodgson

**Mus 3211. Clarinet**  
45179 Arranged J. Ross

**Mus 3212. Saxophone**  
45180 Arranged E. Ross

**Mus 3213. Bassoon**  
45181 Arranged Hodgson

**Mus 3214. Trumpet**  
45182 Arranged J. Carlson

**Mus 3215. French Horn**  
45183 Arranged Schwagerl

**Mus 3216. Trombone**  
45184 Arranged Varpness

**Mus 3217. Baritone**  
45185 Arranged Varpness

**Mus 3218. Tuba**  
45186 Arranged Varpness

**Mus 3219. Percussion**  
45187 Arranged Svendsen

**Mus 3220. Recorder**  
45339 Arranged J. Richards

**Mus 3221. Guitar**  
45472 Arranged Sparks

**Mus 3222. Electric Bass**  
45473 Arranged Freudenberg

**Mus 3223. Composition**  
45594 Arranged E. Ross

**Mus 3302. Instrumental Techniques: Brass and Percussion.** (1 cr; prereq major or minor or instr consent)  
45474 9:15-10:20 am MWF(1st half) HFA 180 J. Carlson

**Mus 3304. Vocal Techniques.** (1 cr; prereq major or minor or instr consent)  
65966 9:15-10:20 am MWF(2nd half) HFA 170 H. Koehler

**Mus 3351. Instrumental Arranging.** (ArtP; 2 cr; prereq 1102 or instr consent; A-F only)  
65967 1:00-2:05 pm MWF(1st half) HFA 180 E. Ross

**Mus 3352. Choral Arranging.** (ArtP; 2 cr; prereq 1102 or instr consent; A-F only)  
65968 1:00-2:05 pm MWF(2nd half) HFA 170 K. Hodgson

**Mus 3400. Opera Workshop.** (ArtP; 1 cr; repeatable to 4 cr; prereq instr consent)  
45188 2:00-3:40 pm TTh HFA 160 H. Koehler

**Mus 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45393 Arranged

**Mus 4102. Counterpoint.** (FA; 4 cr; prereq 2102 or instr consent)  
65969 10:00-11:40 am TTh HFA 185 R. Richards

**Mus 4901. Senior Project.** (1 cr; prereq major, instr consent; S-N only)  
45189 Arranged J. Carlson

## PHILOSOPHY

**Phil 1101. Introduction to Philosophy.** (Hum; 4 cr)  
66033 12:00-1:40 pm TTh Sci 4655 Collier Max 25

**Phil 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45262 Arranged

**Phil 2111. Introductory Ethics.** (Hum; 4 cr)  
45557 Sec 1 2:15-3:20 pm MWF HFA 18 Sommers Max 25  
45558 Sec 2 9:15-10:20 am MWF HFA 18 Sommers Max 25

**Phil 2141. Introduction to Analytic Feminism.** (Hum; 4 cr)  
~~Cancelled~~

**Phil 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45263 Arranged

**Phil 3131. Philosophy of Law.** (SS; 4 cr; prereq any 1xxx or 2xxx course or instr consent)  
66035 1:00-2:05 pm MWF HFA 18 Sommers Max 25

**Phil 3171. History of Modern Philosophy.** (Hist; 4 cr; prereq any 1xxx or 2xxx course or instr consent)  
45561 4:00-5:40 pm TTh Hum 111 Collier Max 25

**Phil 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45264 Arranged

**Phil 4130. Contemporary Issues in Philosophy.** (Hum; 4 cr; repeatable to 8 cr; prereq any 1xxx or 2xxx course or instr consent)  
~~Cancelled~~

**Phil 4901. Senior Philosophical Defense.** (2 cr)  
45190 Arranged Collier, Sommers

**Phil 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45191 Arranged

## PHYSICS

**Phys 1053. Introduction to Stars, Galaxies, and Cosmology.** (Sci; 4 cr)  
45487 10:00-11:40 am TTh Sci 3610 Kearns Max 50

**Phys 1092. Principles of Physics II.** (Sci-L; 5 cr; prereq 1091)  
Lec 1 10:30-11:35 am MWF Sci 3650 Korth  
45489 Lab 2 2:15-4:15 pm Wed Sci 4550 Korth Max 20  
45490 Lab 3 2:00-4:00 pm Thu Sci 4550 Korth Max 20

**Phys 1101. General Physics I.** (Sci-L; 5 cr; prereq Math 1101 or instr consent)  
Lec 1 10:30-11:35 am MWF Sci 2950 Boyd  
45079 Lab 2 2:15-4:15 pm Mon Sci 4550 Boyd Max 20  
45080 Lab 3 8:00-10:00 am Tue Sci 4550 Boyd Max 20  
45081 Lab 4 2:00-4:00 pm Tue Sci 4550 Boyd Max 20

**Phys 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45278 Arranged

**Phys 2101. Modern Physics.** (Sci-L; 5 cr; prereq 1102, Math 2401 or instr consent)  
Lec 1 10:30-11:35 am MWF Sci 3655 McIntosh  
45083 Lab 2 8:00-10:00 am Thu Sci 4650 McIntosh Max 12

**Phys 2201. Circuits and Electronic Devices.** (Sci-L; 4 cr; prereq 1102 or instr consent)  
45084 Lab 1 2:00-5:00 pm TTh Sci 4610 Keeler Max 12

**Phys 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45279 Arranged

**Phys 3003. Computer Modeling of Materials.** (Sci; 4 cr; prereq 1101, 1102)  
68172 8:00-9:05 am MWF Sci 3655 Boyd

**Phys 3301. Optics.** (Sci-L; 4 cr; prereq 2101)  
66038 3:30-4:35 pm MWF Sci 3665 Keeler

**Phys 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45280 Arranged

**Phys 4201. Quantum Mechanics.** (Sci; 4 cr; prereq 2101, Math 2101)  
45085 10:00-11:40 am TTh Sci 3655 McIntosh Max 15

**Senior Thesis Continuation.** (students register fall semester only; course runs all year)  
4:00-5:40 pm Thu Sci 3665

**Phys 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45086 Arranged

## POLITICALSCIENCE

**Pol 1201. American Government and Politics.** (E/CR; 4 cr)  
45229 10:30-11:35 am MWF HFA 6 Thorson Max 60

**Pol 1301. Comparative Politics.** (IP; 4 cr)  
45371 11:45-12:50 pm MWF Hum 205 C. Lee Max 30

**Pol 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq political science major, approved directed study form)  
45291 Arranged

**Pol 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq political science major, approved directed study form)  
45292 Arranged

**Pol 3231. Constitutional Law: Civil Liberties and Civil Rights.** (HDiv; 4 cr; prereq 1201 or instr consent)  
65964 12:00-1:40 pm TTh **Sci 2190** Thorson Max 35

**Pol 3261. State and Local Politics.** (SS; 4 cr; prereq 1201 or instr consent)  
**Cancelled**

**Pol 3352. Political Thought: Modern.** (Hum; 4 cr; prereq 1101 or instr consent)  
45230 1:00-2:05 pm MWF CS 128 Hunt Max 20

**Pol 3411. International Law.** (E/CR; 4 cr; prereq 1401 or instr consent)  
65970 10:00-11:40 am TTh **Hum 5** Joo Max 35

**Pol 3505. Military and Political Development.** (IP; 4 cr prereq 1301 or instr consent)  
67160 8:00-9:40 am TTh **Hum 5** C. Lee Max 35

**Pol 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq political science major, approved directed study form)  
45293 Arranged

**Pol 3996. Field Study in Political Science.** (1-16 cr; repeatable to 16 cr; max of 4 cr may be applied to the major or minor; prereq instr consent)  
45231 Arranged Staff

**Pol 4266. Media and Politics.** (SS; 4 cr; prereq 1201 or instr consent)  
65973 2:00-3:40 pm TTh CS 134 Bos Max 35

**Pol 4301. Contemporary Political Ideologies.** (Hum; 4 cr; prereq 1101 or instr consent)  
45354 10:30-11:35 am MWF CS 128 Hunt, J. Lee Max 25

**Pol 4451. Comparative Foreign Policy.** (IP; 4 cr; prereq 1401 or instr consent)  
45426 2:00-3:40 pm TTh **Hum 11** Joo Max 25

**Pol 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq political science major, approved directed study form)  
45232 Arranged

## PSYCHOLOGY

**Psy 1051. Introduction to Psychology.** (SS; 4 cr)  
Lec 1 12:00-1:40 pm TTh HFA 6 Stewart  
45436 Dis 2 2:15-3:05 pm Wed MRC 10 Staff Max 15  
45437 Dis 3 3:30-4:20 pm Wed MRC 10 Staff Max 15  
45438 Dis 4 9:00-9:50 am Thu MRC 10 Staff Max 15  
45439 Dis 5 2:00-2:50 pm Thu HFA 6 Staff Max 15  
45440 Dis 6 3:00-3:50 pm Thu HFA 6 Staff Max 15

**Psy 1061. Introduction to the Development of the Child and Adolescent.** (SS; 4 cr; prereq 1051 or instr consent)  
45233 10:00-11:40 am TTh **Sci 2190** Benson Max 55

**Psy 1081. Drugs and Human Behavior.** (SS; 2 cr)  
45370 2:15-3:20 pm MWF(1st half) **Sci 1020** Ratliff-Crain Max 70

**Psy 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45294 Arranged

**Psy 2001. Research Methods in Psychology.** (SS; 4 cr; prereq 1051, Stat 1601 or Stat 2601 or instr consent)  
45494 11:45-12:50 pm MWF **Sci 2190** Johnson, C. Stewart Max 30

**Psy 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45295 Arranged

**Psy 3051. The Psychology of Women and Gender.** (HDiv; 4 cr; prereq 1051 or instr consent)  
45234 8:00-9:40 am TTh CS 134 Wilcox Max 30

**Psy 3112. Cognition.** (SS; 4 cr; prereq 2001 or instr consent)  
45235 9:15-10:20 am MWF CS 132 Johnson Max 24

**Psy 3201. Comparative Psychology.** (Sci-L; 4 cr; prereq [1051, 2001] or Biol 2111)  
66015 2:15-3:20 pm MWF CS 134 Meek Max 24

**Psy 3302. Personality.** (SS; 4 cr; prereq 1051, Stat 1601 or 2601 or instr consent)  
45442 12:00-1:40 pm TTh **CS 132** Wilcox Max 40

**Psy 3313. Psychopathology.** (SS; 4 cr; prereq 3302, Stat 1601 or 2601)  
45404 12:00-1:40 pm TTh **Hum 11** Klinger Max 40

**Psy 3402. Developmental Psychology II: Adolescence.** (SS; 2 cr; prereq 1051, [1061 or 3401] or instr consent)  
45355 2:00-3:40 pm TTh(1st half) **Sci 3650** Benson Max 40

**Psy 3513. Negotiation.** (SS; 4 cr; prereq 3501 or Mgmt 3221 or Psy/Mgmt 3701)(Same as Mgmt 3513)  
66017 10:00-11:40 am TTh **MRC 10** Stewart Max 10

**Psy 3521. Health Psychology.** (SS; 4 cr; prereq 1051)  
45450 10:30-11:35 am MWF **Sci 2190** Ratliff-Crain Max 30

**Psy 3611. History and Philosophy of Psychology.** (Hist; 2 cr; prereq 1051)  
66018 10:00-11:40 am Tue **Sci 4655** Ratliff-Crain Max 20

**Psy 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45296 Arranged

**Psy 4101. Helping Relationships.** (SS; 4 cr; prereq 3302)  
45236 4:00-5:40 pm TTh **Hum 5** Husted Max 20

**Psy 4660. Empirical Investigations in Health Psychology I.** (SS; 2 cr; repeatable to 4 cr; prereq 2001, [3501 or 3521], instr consent; no cr for 4660 until 4760 completed)(Meets w/Psy 4760)  
45491 4:00-5:40 pm Tue **SCtr 5** Ratliff-Crain Max 10

**Psy 4710. Empirical Investigations in Cognitive Psychology II.** (SS; 2 cr; repeatable to 4 cr; prereq 4610, instr consent)  
45430 4:00-5:40 pm Tue **Hum 105** Johnson Max 10

**Psy 4720. Empirical Investigations in Biological and Comparative Psychology II.** (Sci; 2 cr; repeatable to 4 cr; prereq 2001, [3201 or 3211], 4620, instr consent)  
45614 4:00-5:40 pm Tue CS 134 Meek Max 10

**Psy 4730. Empirical Investigations in Personality, Psychopathology, and Psychological Intervention II.** (SS; 2 cr; repeatable to 4 cr; prereq 4630, instr consent)  
45431 Sec 1 4:00-5:40 pm Tue CS 128 Klinger Max 10  
Sec 2 **Cancelled**

**Psy 4740. Empirical Investigations in Developmental Psychology II.** (SS; 2 cr; repeatable to 4 cr; prereq 4640, instr consent)  
45432 Sec 1 4:00-5:40 pm Tue Sci 3655 Benson Max 10  
Sec 2 **Cancelled**

**Psy 4750. Empirical Investigations in Social and Organizational Psychology II.** (SS; 2 cr; repeatable to 4 cr; prereq 4650, instr consent)  
45433 4:00-5:40 pm Tue Hum 12 Stewart Max 10

**Psy 4760. Empirical Investigations in Health Psychology II.** (SS; 2 cr; repeatable to 4 cr; prereq 4660, instr consent)(Meets w/Psy 4660)  
45492 4:00-5:40 pm Tue SCTR 5 Ratliff-Crain Max 10

**Psy 4896. Field Experiences In Psychology.** (SS [if taken for 2 or more cr]; 1-4 cr; repeatable, only 4 cr may be applied toward the BA or the Psy major; prereq instr consent, which normally requires 4101 for work in psychiatric settings, 3302, 3401 or 3402 for work in schools; S-N only)  
45237 Arranged

**Psy 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45238 Arranged

## SOCIOLOGY

**Soc 1101. Introductory Sociology.** (SS; 4 cr)  
45217 1:00-2:05 pm MWF Sci 1020 Rothchild Max 70

**Soc 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45297 Arranged

**Soc 2301. Social Change and Development in Latin America.** (IP; 4 cr; prereq 1101 or Anth 1111 or instr consent)(Same as Anth 2301)  
65855 11:45-12:50 pm MWF **Sci 1030** Chollett Max 15

**Soc 2452. Native American Women.** (HDiv; 4 cr; prereq 1101 or Anth 1111 or instr consent)(Same as Anth 2452)  
65857 8:00-9:40 am TTh Sci 3610 Pelletier Max 15

**Soc 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45298 Arranged

**Soc 3102. Research Methodology II.** (4 cr; prereq 3101)  
45218 8:00-9:40 am TTh Sci 2200 Gilanshah Max 30

**Soc 3111. Sociology of Modernization.** (IP; 4 cr; prereq 1101 or Anth 1111 or instr consent)  
45427 12:00-1:40 pm TTh Sci 3610 Gashaw Max 30

**Soc 3252. Women in Muslim Society.** (IP; 4 cr; prereq 1101 or Anth 1111)  
45428 10:00-11:40 am TTh **Sci 2185** Gilanshah Max 30

**Soc 3402. Contemporary Sociological Theory.** (SS; 4 cr; prereq 1101, 4 addtl cr in Soc recommended)  
45429 2:00-3:40 pm TTh Sci 3610 Gashaw Max 40

**Soc 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45299 Arranged

**Soc 4991. Independent Project Seminar.** (5 cr; prereq 3101, 3401 or 3402)  
45475 4:00-5:40 pm TTh Sci 3650 Rothchild Max 15

**Soc 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45219 Arranged

## SPANISH

Students who plan to complete courses in the same language that they studied in high school must take the proficiency/placement examination and abide by the placement recommendation.

**Span 1002. Beginning Spanish II.** (FL; 4 cr; prereq 1001 or placement or instr consent)  
45192 Sec 1 8:00-9:05 am MWF Hum 211Hidalgo-Nunez Max 25  
45193 Sec 2 10:30-11:35 am MWF Hum 211Hidalgo-Nunez Max 25  
45194 Sec 3 1:00-2:05 pm MWF **Hum 11** Cabrera Max 25  
45195 Sec 4 8:00-9:40 am TTh Hum 211 Alvarez-Ogbesor Max 25

**Span 2002. Intermediate Spanish II.** (IP; 4 cr; prereq 2001 or placement or instr consent)  
45196 Sec 1 9:15-10:20 am MWF Hum 211Turner Max 25  
45197 Sec 2 11:45-12:50 pm MWF Hum 211Turner Max 25

**Span 2121. Associated Languages: Intensive Portuguese.** (IP; 4 cr; prereq 2002 or Fren 2002 or instr consent)  
45504 12:00-1:40 pm TTh Hum 211Aronson Max 25

**Span 3002. Spanish Composition and Conversation II.** (IP; 4 cr; prereq 3001)  
45198 Sec 1 10:00-11:40 am TTh Hum 205 Wojtaszek Max 20  
45447 Sec 2 12:00-1:40 pm TTh Hum 205 Wojtaszek Max 20

**Span 3101. Introduction to Hispanic Literature.** (Hum; 4 cr, prereq 3001, prereq or coreq 3002 for majors)  
45199 Sec 1 11:45-12:50 pm MWF Hum 11 Cabrera Max 20  
45448 Sec 2 2:15-3:20 pm MWF Hum 11 Cabrera Max 20

**Span 3601. Seminar: Reality Born on Paper in Colonial Latin America.** (Hum; 4 cr; prereq 3002, 3101)  
65982 10:00-11:40 am TTh Hum 211 Alvarez-Ogbeson Max 20

**Span 3672. Seminar: Reform in Spain: The Saint and the Journalist.** (Hum; 4 cr; prereq 3002, 3101)  
66347 1:00-2:05 pm MWF Hum 205 Turner Max 20

**Span 4001. Research Symposium.** (Hum; 4 cr; prereq instr consent; A-F only)  
65984 2:00-3:40 pm TTh Hum 211 Aronson

**Span 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45200 Arranged

## SPEECH COMMUNICATION

**Spch 2071. Introduction to the Principles and Practices of Speech Communication.** (Hum; 4 cr; prereq instr consent)  
65986 12:00-1:40 pm TTh HFA 18 Bezanson Max 25

**Spch 2101. Introduction to Theories of Speech Communication.** (Hum; 4 cr)  
45201 10:00-11:40 am TTh HFA 6 Bezanson,BurkeMax 50  
Leroux, Rojjanaprapayon

**Spch 3111. History of Rhetoric in the Contemporary Period.** (Hum; 4 cr; prereq 2101 or instr consent)  
65988 2:00-3:40 pm TTh HFA 18 Leroux Max 30

**Spch 3301. Media Theory, Criticism, and Problems.** (SS; 4 cr; prereq 2101 or instr consent)  
45202 8:00-9:40 am TTh HFA 18 Burke Max 35

**Spch 3311. Social Uses of the Media.** (E/CR; 4 cr; prereq 2101 or instr consent)  
45203 8:00-10:20 am MWF HFA 23 Burke Max 20

**Spch 3411. Intercultural communications Theory and Research.** (HDiv; 4 cr; prereq 2101 or #)  
68166 12:00-1:40 pm TTh HFA 23 Rojjanaprapayon Max 30

**Spch 3431. Interpersonal Communication Theory and Research.** (SS; 4 cr; prereq 2101 or instr consent)  
**Cancelled**

**Spch 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45265 Arranged

**Spch 4800. Directed Experience in Teaching Speech Communication.** (1-4 cr; repeatable to 8 cr; prereq instr consent; S-N only)  
45205 Arranged

**Spch 4901. Speech Communication Seminar II.** (Hum; 3 cr; prereq 2101, 3101, 3301, 3401, 4900, or sr status in the major and instr consent; A-F only)  
45206 10:00-11:40 am TTh HFA 23 Bezanson,BurkeMax 15  
Leroux, Rojjanaprapayon

**Spch 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45207 Arranged

## STATISTICS

**Stat 1601. Introduction to Statistics.** (M/SR; 4 cr; prereq high school higher algebra)  
45070 Sec 1 8:00-9:05 am MWF Sci 3610 C. Kim Max 45  
45071 Sec 2 10:30-11:35 am MWF Sci 3610 C. Kim Max 45  
45342 Sec 3 1:00-2:05 pm MWF Sci 3610 J. Kim Max 45  
45351 Sec 4 2:15-3:20 pm MWF Sci 3610 Winchester Max 45

**Stat 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45409 Arranged

**Stat 2601. Statistical Methods.** (M/SR; 4 cr; prereq Math 1101 or Math 1021)  
65990 9:15-10:20 am MWF **Sci 3650** J. Kim Max 25

**Stat 2611. Mathematical Statistics.** (M/SR; 4 cr; prereq Math 1101)  
45074 1:00-2:05 pm MWF Sci 3650 C. Kim Max 30

**Stat 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45410 Arranged

**Stat 3611. Multivariate Statistical Analysis.** (M/SR; 4 cr; prereq 1601 or 2601 or 2611 or instr consent)  
45076 2:00-3:40 pm TTh Sci 3550 Sungur Max 30

**Stat 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45411 Arranged

**Stat 4651. Applied Nonparametric Statistics.** (M/SR; 4 cr; prereq 1601 or 2601 or 2611 or instr consent)  
65991 12:00-1:40 pm TTh Sci 3655 Sungur Max 12

**Stat 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45412 Arranged

## THEATRE

**Th 1060. Production Experience.** (1 cr; repeatable to 8 cr; prereq instr consent; S-N only)  
45208 Arranged Bremer

**Th 1070. Performance Experience.** (ArtP; 1 cr; repeatable to 8 cr; prereq instr consent; S-N only)  
45209 Arranged Bremer

**Th 1111. Fundamentals of Acting.** (ArtP; 4 cr; prereq 1101, theatre arts major or minor or instr consent)  
45395 10:00-11:40 am TTh HFA 125 Bremer Max 15

**Th 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45266 Arranged

**Th 2111. Creative Drama with Children.** (ArtP; 4 cr; prereq 1101 or th or eled major or instr consent)  
45497 9:15-10:20 am MWF HFA 125 Schultz Max 25

**Th 2201. Voice and Movement.** (ArtP; 4 cr; prereq 1111, theatre arts major or minor or instr consent)  
45396 12:00-1:40 pm TTh HFA 125 Bremer Max 20

**Th 2301. Stagecraft.** (ArtP; 4 cr)  
45210 1:00-2:05 pm MWF HFA 120 Parboosingh Max 40

**Th 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45267 Arranged

**Th 3102. World Theatre: History and Literature II.** (FA; 4 cr)  
45211 1:00-2:05 pm MWF Hum 111 Schultz Max 15

**Th 3201. Advanced Acting.** (ArtP; 4 cr; prereq 1101, 1111, 2101)  
66027 10:30-11:35 am MWF HFA 125 Schultz Max 20

**Th 3304. Art Direction for Film & Television.** (FA; 4 cr)  
68173 11:45-12:50pm MWF HFA 26 Parboosingh Max 16

**Th 3302. Stage Costuming.** (FA; 4 cr; prereq 1301, 2301)  
66029 10:00-11:40 am TTh HFA 26 Parboosingh Max 16

**Th 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45268 Arranged

**Th 4901. Senior Project.** (2-4 cr; prereq theatre arts major, instr consent)  
45212 Arranged Schultz

**Th 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45213 Arranged

## WELLNESS AND SPORT SCIENCE

**WSS 1051. Fitness for Life.** (2 cr)  
45356 Sec 111:45-12:50 pm MWF(1st half) PEC 250 Grove Max 25  
45357 Sec 210:00-11:40 am TTh(2nd half) PEC 251 Thompson Max 25

**WSS 1052. Societal Issues in Health and Wellness.** (SS; 2 cr)  
45358 11:45-12:50 pm MWF(2nd half) PEC 251 Crandall Max 25

**WSS 1101. First Aid.** (1 cr)  
45359 Sec 111:45-12:50 pm MWF(1st half) PEC 251 Pennie Max 25  
45360 Sec 2 12:00-1:40 pm TTh(1st half) PEC 251 Pennie Max 25

**WSS 1219. Strength Training.** (0.5 cr; repeatable to 1 cr; S-N only)  
45361 9:15-10:20 am MWF(2nd half) PEC 240 Battle Max 20

**WSS 1401. Varsity Baseball** (Men; 0.5 cr; repeatable to 2 cr; S-N only)  
45010 Arranged Fohl

**WSS 1402. Varsity Basketball** (0.5 cr; repeatable to 2 cr; S-N only)  
45313 Sec 1 Men Arranged Grove  
45331 Sec 2 Women Arranged Peterson

**WSS 1406. Varsity Softball** (Women; 0.5 cr; repeatable to 2 cr; S-N only)  
45312 Arranged Pennie

**WSS 1407. Varsity Tennis** (0.5 cr; repeatable to 2 cr; S-N only)  
45011 Sec 1 Men Arranged Oakland  
45332 Sec 2 Women Arranged Oakland

**WSS 1408. Varsity Track and Field** (0.5 cr; repeatable to 2 cr; S-N only)  
45012 Sec 1 Men Arranged Karger-Gatzow  
45333 Sec 2 Women Arranged Karger-Gatzow

**WSS 1993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45246 Arranged

**WSS 2121. Prevention and Care of Injuries.** (4 cr; prereq 2111)  
Lec 1 8:00-9:05 am MWF PEC 251 Bowman  
45407 Lab 2 9:15-10:20 am Mon PEC 139 Bowman Max 22  
45408 Lab 3 8:00-9:05 am Tue PEC 139 Bowman Max 22

**WSS 2201. Baseball Coaching.** (2 cr)  
45362 9:15-10:20 am MWF(2nd half) PEC 251 Fohl Max 35

**WSS 2205. Track and Field Coaching.** (2 cr)  
45363 10:30-11:35 am MWF(2nd half) PEC 250 Karger-Gatzow Max 35

**WSS 2401. Sociological Aspects of Sports.** (SS; 2 cr)  
45405 10:30-11:35 am MWF(1st half) PEC 251 DeVries Max 25

**WSS 2402. Psychological Aspects of Sports.** (SS; 2 cr; prereq 2401)  
45444 10:30-11:35 am MWF(2nd half) PEC 251 DeVries Max 25

**WSS 2993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45247 Arranged

**WSS 3201. Coaching Internship.** (1 cr; prereq instr consent; S-N only)  
45013 Arranged Fohl

**WSS 3210. Internship in Wellness and Sport Science.** (1-12 cr; repeatable once; prereq instr consent; S-N only)  
45493 Arranged DeVries

**WSS 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45248 Arranged

**WSS 4101. Planning and Programming of Athletic Facilities.** (SS; 4 cr)  
45454 10:00-11:40 am TTh PEC 250 Hickman

**WSS 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45014 Arranged

## WOMEN'S STUDIES

The following requirements or elective courses outside of the WoSt discipline are offered Spring 2006. Simply click on the class and it will link you to the offering.

**Anth 2452, Biol 3101, Engl 3231, Hist 1402, Hist 3707, Hist 3708, Phil 2141, Psy 3051, Psy 4896, Soc 2452, Soc 3252**

**WoSt 1101. Introduction to Women's Studies.** (HDiv; 4 cr; A-F only)  
66032 11:45-12:50 pm MWF Sci 3610 Rothchild Max 30

**WoSt 3993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45367 Arranged

**WoSt 4901. Assessment of Student Learning in Women's Studies.** (1 cr; prereq completion of 32 cr in women's studies; S-N only)  
45397 Arranged Staff

**WoSt 4993. Directed Study.** (1-5 cr; repeatable to 10 cr; prereq approved directed study form)  
45368 Arranged

# Index

## A

A COLOR INDEX 18  
ANTHROPOLOGY 1  
ART HISTORY 1  
ART, STUDIO 1

## B

BIOLOGY 2

## C

CHEMISTRY 3  
COMPUTER SCIENCE 3

## D

DANCE 4

## E

EDUCATION 4  
EDUCATION, ELEMENTARY 4  
EDUCATION, SECONDARY 5  
ENGLISH 5

## F

FRENCH 6

## G

GEOGRAPHY 6  
GEOLOGY 6  
GERMAN 7

## H

HISTORY 7  
HUMANITIES 8

## I

INTERDISCIPLINARY STUDIES 8

## L

LATIN AMERICAN AREA STUDIES 9

## M

MANAGEMENT 9  
MATHEMATICS 10  
MUSIC 10

## P

PHILOSOPHY 11  
PHYSICS 12  
POLITICAL SCIENCE 12  
PSYCHOLOGY 13

## S

SECONDARY EDUCATION MIDDLE SCHOOL METHODS  
COURSES 5  
SOCIOLOGY 14  
SPANISH 14  
SPEECH COMMUNICATION 14  
STATISTICS 15

## T

THEATRE 15

## W

WELLNESS AND SPORT SCIENCE 15  
WOMEN'S STUDIES 16

## **COLOR INDEX**

**RED TYPE** denotes a class cancellation or change.

**BLUE TYPE** denotes a class addition

**GREEN TYPE** denotes a class that is tentative (may or may not be available) or a new course that is pending approval