

# SPRING 2005 Schedule of Classes

## ANTHROPOLOGY

**Anth 1111. Introductory Cultural Anthropology.** (SS; 4 cr)  
45246 9:15-10:20 am MWF Sci 1020 Chollett Max 70

**Anth 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45324 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)  
63499 11:45-12:50 pm MWF Sci 2185 Chollett Max 15

**Anth 2452. Native American Women.** (Hdiv; 4 cr; prereq 1111 or Soc 1101 or instr consent)(Same as Soc 2452)  
45519 12:00-1:40 pm TTh Sci 2200 Pelletier Max 15

**Anth 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45325 Arranged

**Anth 3201. Inequality Within and Among Nations.** (Env; 4 cr; prereq 1111 or Soc 1101 or instr consent)  
45509 4:00-5:40 pm TTh CS 128 Templeman Max 30

**Anth 3202. Culture and Biology.** (Env; 4 cr; prereq 1111 or Soc 1101 or instr consent)  
63500 1:00-2:05 pm MWF CS 128 Templeman Max 20

**Anth 3203. Indigenous Peoples of the World: A Cultural Perspective.** (IP; 4 cr; prereq 1111 or Soc 1101)(Same as Soc 3203)  
63846 2:00-3:40 pm TTh Sci 2200 Pelletier Max 20

**Anth 3301. India and South Asia.** (IP; 4 cr; prereq 1111 or Soc 1101 or instr consent)(Same as Soc 3301)  
45247 2:00-3:40 pm TTh CS 128 Templeman Max 20

**Anth 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45326 Arranged

**Anth 4901. Seminar in Anthropological Theory.** (4 cr; prereq 1111 or Soc 1101, 4 addtl cr in Anth or Soc)  
45390 3:30-5:10 pm MW CS 128 Chollett Max 20

**Anth 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45249 Arranged

**Anth 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45250 Arranged

## ART HISTORY

**ArtH 1101. Principles of Art.** (FA; 4 cr)  
Cancelled

**ArtH 1121. Renaissance to Modern Art.** (FA; 4 cr)  
45528 2:15-3:20 pm MWF HFA 6 Dabbs Max 50

**ArtH 3111. Art of Ancient Rome.** (FA; 4 cr; prereq any 1xxx ArtH class or jr status or instr consent)  
Cancelled

**ArtH 3121. Medieval Italian Art.** (FA; 4 cr; prereq any 1xxx ArtH class or jr status or instr consent)  
Cancelled

**ArtH 3191. American Art to 1900.** (FA; 4 cr; prereq any 1xxx ArtH class or jr status or instr consent)  
Cancelled

**ArtH 3241. African-American Art.** (FA; 4 cr; prereq any 1xxx ArtH class or jr status or instr consent)  
63504 12:00-1:40 pm TTh HFA 2 Eisinger Max 15

**ArtH 3261. Chinese Art.** (FA; 4 cr; prereq any 1xxx ArtH class or jr status or instr consent)  
63505 4:00-5:40 pm TTh HFA 2 Eisinger Max 15

**ArtH 3281. Women and Art.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)  
66043 10:30-11:35 am MWF HFA 2 Dabbs Max 15

**ArtH 3993. Directed Study.** (1-5 cr; prereq any 1xxx ArtH course or jr status, approved Directed Study Form)  
45291 Arranged

**ArtH 4901. Art History Capstone.** (1 cr; prereq ArtH major, instr consent)  
67057 Arranged Eisinger, Dabbs

**ArtH 4993. Directed Study.** (1-5 cr; prereq any 1xxx ArtH course or jr status, approved Directed Study Form)  
45112 Arranged

**ArtH 4994H. Senior Honors Project.** (1-5 cr; prereq any 1xxx ArtH course or jr status, approved Honors Project Form)  
45113 Arranged

## ART, STUDIO

**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])  
45534 Sec 1 9:00-12:00 pm MW HFA 135 Buchmiller Max 18  
45535 Sec 2 3:00-6:00 pm TTh HFA 135 Eble 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)  
45114 1:00-3:00 pm TTh HFA 135 Otten 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)  
45115 10:00-12:00 pm MW HFA 1 Larson 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)  
45116 12:00-12:50 pm Wed HFA 2 Larson, Otten Max 16

**ArtS 200x. Variable Topics in Digital Art: Topic to Be Announced.** (ArtP; 1-4 cr depending on topic; prereq major or minor or instr consent)  
**Cancelled**

**ArtS 2050. Advanced Ceramics.** (ArtP; 3 cr; repeatable; prereq 1050 or instr consent)  
 45117 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)  
 45118 9:00-12:00 pm TTh HFA 135 Otten Max 7

**ArtS 2202. Beginning Printmaking II.** (ArtP; 3 cr; prereq 2201)(Meets w/ArtS 3210)  
 45119 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 3300)  
 45120 9:00-12:00 pm MW HFA 130 Eble Max 7

**ArtS 2402. Beginning Sculpture II.** (ArtP; 3 cr; prereq 2401)(Meets w/ArtS 3410)  
 45121 1:00-4:00 pm TTh HFA 145 Nellis Max 7

**ArtS 2500. Photography.** (ArtP; 3 cr; repeatable; prereq major or minor or instr consent)  
 45122 4:00-6:00 pm TTh HFA 14 Buchmiller Max 8

**ArtS 3005. Variable Topics in Studio: Digital Imaging.** (ArtP; 4 cr; major or minor or instr consent)  
 67058 4:00-6:00 pm MW HFA 26 Larson Max 10

**ArtS 3007. Variable Topics in Studio Art: Printmaking.** (ArtP; 4 cr; prereq major or minor or instr consent)  
**Cancelled**

**ArtS 3110. Third-Year Drawing II.** (ArtP; 3 cr; repeatable; prereq 2101, 2102; 3100 recommended)(Meets w/ArtS 2102)  
 45123 9:00-12:00 pm TTh HFA 135 Otten Max 7

**ArtS 3210. Advanced Printmaking II.** (ArtP; 3 cr; repeatable; prereq 2202)(Meets w/ArtS 2202)  
 45537 1:00-4:00 pm MW HFA 15 Otten Max 7

**ArtS 3310. Advanced Painting II.** (ArtP; 3 cr; repeatable; prereq 2302 or instr consent)(Meets w/ArtS 2302)  
 45538 9:00-12:00 pm MW HFA 130 Eble Max 7

**ArtS 3410. Advanced Sculpture II.** (ArtP; 3 cr; repeatable; prereq 2402)(Meets w/ArtS 2402)  
 45539 1:00-4:00 pm TTh HFA 145 Nellis Max 7

**ArtS 3881. Junior Review.** (0 cr; prereq jr studio art major; S-N only)  
 45124 Arranged Larson

**ArtS 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
 45292 Arranged

**ArtS 4901. Senior Exhibit.** (0 cr; prereq sr studio art major or minor; S-N only)  
 45125 Arranged Larson

**ArtS 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
 45126 Arranged

**ArtS 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
 45127 Arranged

## BIOLOGY

**Biol 1002. Human Nutrition.** (Sci; 3 cr)  
 67454 8:50-9:55 am TTh Sci 2190 Hardy Max 30

**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 2950 Staff  
 45020 Dis 2 10:00-11:20 am Thu+arr Sci 3665 Gooch Max 15  
 45021 Dis 3 10:00-11:20 am Thu+arr Sci 3180 Kuchenreuther Max 15  
 Dis 4 **Cancelled**  
 45023 Dis 5 12:00-1:20 pm Thu+arr Sci 2555 Gooch Max 15  
 63506 Dis 6 12:00-1:20 pm Thu+arr Sci 1020 Kuchenreuther 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  
 45025 Lab 2 10:00-12:00 pm Tue Sci 2130 Anderson Max 24  
 45026 Lab 3 2:00-4:00 pm Tue Sci 2130 Anderson Max 24  
 45027 Lab 4 10:00-12:00 pm Thu Sci 2130 Anderson Max 24  
 45028 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 Myers  
 45030 Lab 2 12:00-2:00 pm Tue+arr Sci 3160 Myers Max 18  
 45031 Lab 3 3:00-5:00 pm Tue+arr Sci 3160 Myers Max 18  
 45032 Lab 4 12:00-2:00 pm Thu+arr Sci 3160 Myers Max 18  
 45687 Lab 5 3:00-5:00 pm Thu+arr Sci 3160 Myers 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  
 45035 Lab 2 2:00-5:00 pm Tue+arr Sci 2170 Cole Max 12  
 45036 Lab 3 1:00-4:00 pm Wed+arr Sci 2170 Cole Max 12  
 63507 Lab 4 2:00-5:00 pm Thu+arr Sci 2170 Cole Max 12  
 63508 Lab 5 1:00-4:00 pm Fri+arr Sci 2170 Cole Max 12

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

45434 Sec 1 Arranged Anderson Max 4  
 45435 Sec 2 Arranged Cole Max 4  
 45436 Sec 3 Arranged Gooch Max 4  
 45437 Sec 4 Arranged Hoppe Max 4  
 45438 Sec 5 Arranged Kuchenreuther Max 4  
 45439 Sec 6 Arranged Myers Max 4  
 45440 Sec 7 Arranged P. Wyckoff Max 3  
 63509 Sec 8 Arranged T. Wyckoff Max 3

**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  
 45038 Lab 2 2:00-5:00 pm Tue Sci 2150 T. Wyckoff Max 18  
 45039 Lab 3 1:00-4:00 pm Thu Sci 2150 T. Wyckoff Max 18

**Biol 4121. Herpetology.** (Sci-L; 4 cr; prereq 2101)

Lec 1 10:30-11:35 am MW Sci 3180 Hoppe  
 63511 Lab 2 2:15-5:15 pm Mon Sci 3180 Hoppe Max 8  
 63512 Lab 3 2:00-5:00 pm Tue Sci 3180 Hoppe Max 8

**Biol 4171. Plant Systematics and Evolution.** (Sci-L; 4 cr; prereq 2101, 2111 or instr consent; 3101 recommended)

Lec 1	1:00-2:05 pm	MF	Sci 2200	Kuchenreuther	
63514 Lab 2	2:15-5:15 pm	Wed	Sci 3180	Kuchenreuther	Max 12

**Biol 4321. Animal Physiology.** (Sci-L; 4 cr; prereq 2111)

Lec 1	2:15-3:20 pm	MF	Sci 1020	Gooch	
63516 Lab 2	3:00-5:00 pm	Tue	Sci 2110	Gooch	Max 20
63517 Lab 3	2:00-4:00 pm	Thu	Sci 2110	Gooch	Max 20

**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)

45040 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; prereq approved Directed Study Form)

45041 Arranged

**Biol 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)

45042 Arranged

## CHEMISTRY

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

Lec 1	8:00-9:05 am	MWF	Sci 2950	Ropp	
45428 Lab 2	2:15-5:15 pm	Mon	Sci 3175	Ropp	Max 28
45429 Lab 3	8:00-11:00 am	Tue	Sci 3175	Ropp	Max 28
45430 Lab 4	12:00-3:00 pm	Tue	Sci 3175	Khasawneh	Max 28
45431 Lab 5	2:15-5:15 pm	Wed	Sci 3175	Khasawneh	Max 28
45432 Lab 6	8:00-11:00 am	Thu	Sci 3175	Khasawneh	Max 28

**Chem 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)

45312 Arranged

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

45044	9:15-10:20 am	MWF	Sci 2950	Khasawneh	Max 80
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**Chem 2312. Organic Chemistry Lab II.** (1 cr; prereq 2311, coreq 2302 or instr consent)

45045 Lab 1	8:00-11:00 am	Thur	Sci 3135	Soderberg	Max 16
45046 Lab 2	2:15-5:15 pm	Fri	Sci 3135	Soderberg	Max 16

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

45047 Lab 1	2:15-5:15 pm	MW	Sci 3135	Pappenfus	Max 12
45048 Lab 2	12:00-3:00 pm	TTh	Sci 3135	Alia, Soderberg	Max 12

**Chem 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)

45313 Arranged

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

45049	1:00-2:05 pm	MWF	Sci 4655	Alia	
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**Chem 3511. Physical Chemistry Lab.** (1 cr; coreq 3502)

45351	2:15-3:20 pm	Mon	Sci 3130	Alia	Max 10
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**Chem 3701. Inorganic Chemistry.** (Sci; 3 cr; prereq 3501 or instr consent)

45441	8:00-9:05 am	MWF	Sci 4655	Pappenfus	
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**Chem 3901. Chemistry Seminar I.** (1 cr; prereq 2321)

63848	4:00-5:00 pm	Thu	Sci 2200	Ropp	
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**Chem 4351. Bioorganic Chemistry.** (Sci; 3 cr; prereq 2302, Biol 4211)

63871	9:15-10:20 am	MWF	Sci 4655	Soderberg	
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**Chem 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)

45314 Arranged

**Chem 4902. Chemistry Seminar II.** (1 cr; required of all chem majors; may not count toward chem minor; prereq 4901; S-N only)

45050	4:00-5:00 pm	Thu	Sci 1020	Soderberg	
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**Chem 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)

45051 Arranged

**Chem 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)

45052 Arranged

## COMPUTERSCIENCE

**CSci 1001. Introduction to Computer Science.** (M/SR; 2 cr)

45053 Sec 1	9:00-9:50 am	TTh	Sci 1030	D. Lopez	Max 35
63518 Sec 2	11:00-11:50 am	TTh	Sci 1030	D. Lopez	Max 35

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

45054	2:15-3:20 pm	MWF	Sci 1030	D. Lopez	Max 35
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**CSci 1302. Problem Solving and Algorithm Development II.** (M/SR; 4 cr)

45055	10:30-11:35 am	MWF	Sci 1030	McPhee	Max 35
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**CSci 2101. Data Structures.** (M/SR; 5 cr; prereq 1301, 1302)

Lec 1	9:15-10:20 am	MWF	Sci 2185	Machkasova	
45547 Lab 2	10:00-11:50 am	Thu	Sci 2610	Machkasova	Max 20

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

45442	4:00-4:50 pm	Tue	Sci 2185	Anwar	Max 16
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**CSci 3401. Models of Computing Systems.** (M/SR; 5 cr; prereq 2101)

Lec 1	1:00-2:05 pm	MWF	Sci 1030	A. Lopez	
45548 Lab 2	12:00-1:50 pm	Thu	Sci 2610	A. Lopez	Max 35

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

Lec 1	1:00-2:05 pm	MWF	Sci 3655	Anwar	
45433 Lab 2	12:00-1:50 pm	Tue	Sci 2610	Anwar	Max 20

**CSci 4406. Variable Topics in Computing Systems: Wireless Data Networks.** (M/SR; 2 cr; prereq 2901, 3401 or instr consent)

63519	8:00-8:50 am	TTh	Sci 2185	A. Lopez	Max 20
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**CSci 4509. Theory: Cryptographic Protocols.** (M/SR; 2 cr; prereq 3501 or instr consent)

63520	9:00-9:50 am	TTh	Sci 2185	Machkasova	Max 20
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**CSci 4553. Variable Topics in Theory: Evolutionary Computation and Artificial Intelligence.** (M/SR; 4 cr; prereq 3501)  
63521 2:15-3:20 pm MWF Sci 2185 McPhee Max 20

**CSci 4653. Variable Topics in Programming and Languages: Software Engineering.** (M/SR; 4 cr; prereq 3601)  
63522 11:45-12:50 pm MWF Sci 1030 Anwar Max 30

**CSci 4901. Seminar II.** (1 cr; prereq 2901, jr or sr; S-N only)  
45443 4:00-4:50 pm Thur Sci 2185 A. Lopez Max 16

**CSci 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45058 Arranged

**CSci 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45059 Arranged

## ECONOMICS

**Econ 1111. Principles of Microeconomics.** (SS; 4 cr; prereq high school algebra or instr consent)  
45452 Sec 1 11:45-12:50 pm MWF CS 132 Lawrence Max 40  
45453 Sec 2 8:00-9:40 am TTh CS 132 Vo Max 40

**Econ 1112. Principles of Macroeconomics.** (SS; 4 cr; prereq high school algebra or instr consent)  
45454 Sec 1 10:30-11:35 am MWF CS 132 Kildegaard Max 40  
45553 Sec 2 10:00-11:40 am TTh CS 134 Bina Max 40

**Econ 1951. Seminar for Social Science Majors.** (1 cr; prereq 1111, 1112; no cr for students who are concurrently enrolled in or have received cr for 3xxx Econ courses; S-N only)  
45256 Sec 1 Arranged Vo Max 10  
45474 Sec 2 Arranged Vo Max 10

**Econ 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45327 Arranged

**Econ 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45328 Arranged

**Econ 3003. Variable Topics in Economics: Political Economy I.** (SS; 2 cr; prereq 1111, 1112 or instr consent)  
45475 12:00-1:40 pm TTh(1st 7.5 wk) Hum 111 Bina Max 30

**Econ 3004. Variable Topics in Economics: Political Economy II.** (SS; 2 cr; prereq 3003 or instr consent)  
45476 12:00-1:40 pm TTh(2nd 7.5 wk) Hum 111 Bina Max 30

**Econ 3005. Variable Topics in Economics: Experimental and Behavioral Economics I.** (SS; 2 cr; prereq 1111, 1112, 3201 or instr consent)  
45517 11:45-12:50 pm MWF(1st 7.5 wk) CS 134 Burks Max 30

**Econ 3006. Variable Topics in Economics: Experimental and Behavioral Economics II.** (SS; 2 cr; prereq 3005 or instr consent)  
45518 11:45-12:50 pm MWF(2nd 7.5 wk) CS 134 Burks Max 30

**Econ 3202. Macroeconomic Theory.** (SS; 4 cr; prereq 1112, Math 1101 or instr consent)  
45257 10:30-11:35 am MWF CS 134 Finzel Max 40

**Econ 3501. Introduction to Econometrics.** (M/SR; 4 cr; prereq 3201 or 3202, Stat 1601)  
45258 10:00-11:40 am TTh Hum 111 Lawrence Max 30

**Econ 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45329 Arranged

**Econ 4121. International Trade Theory.** (SS; 2 cr; prereq 3201 or instr consent)(Meets w/Econ 4121H)  
45477 2:15-3:20 pm MWF(1st 7.5 wk) CS 134 Lawrence Max 20

**Econ 4121H. Honors: International Trade Theory.** (SS; 2 cr; prereq 3201 or instr consent, participation in Honors Program or instr consent)(Meets w/Econ 4121)  
45478 2:15-3:20 pm MWF(1st 7.5 wk) CS 134 Lawrence Max 5

**Econ 4131. International Finance.** (SS; 2 cr; prereq 3202 or instr consent)(Meets w/Econ 4131H)  
45420 2:15-3:20 pm MWF(2nd 7.5 wk) CS 134 Kildegaard Max 20

**Econ 4131H. Honors: International Finance.** (SS; 2 cr; prereq 3202 or instr consent, participation in Honors Program or instr consent)(Meets w/Econ 4131)  
45421 2:15-3:20 pm MWF(2nd 7.5 wk) CS 134 Kildegaard Max 5

**Economic Research Continuation:**  
3:30-4:35 pm Wed CS 134

**Econ 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45259 Arranged

**Econ 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45260 Arranged

## EDUCATION

**Ed 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45284 Arranged

**Ed 2101. Foundations and Issues in Education.** (1 cr)(Students also complete 30 hrs of field experience in the schools.)  
45001 Sec 1 8:00-9:40 am Tue(1st 7.5 wk) Edu 106 Solvie Max 15  
Sec 2 10:00-11:40 am Tue(1st 7.5 wk) Edu 106 Solvie Max 15  
45003 Sec 3 cancelled  
45378 Sec 4 2:00-3:40 pm Tue(1st 7.5 wk) Edu 106 Solvie Max 15

**Ed 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45285 Arranged

**Ed 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45286 Arranged

**Ed 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45004 Arranged

**Ed 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45005 Arranged

**EDUCATION, ELEMENTARY**

**EIEd 3201. Preprimary Theory and Pedagogy.** (3 cr; prereq 3101, 3102, 3103, 3111)  
45479 2:00-3:40 pm TTh MRC 212 Marxen Max 40

**EIEd 3202. Middle Level Theory.** (2 cr; prereq 3101, 3102, 3103, 3111)  
45425 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)  
45426 Arranged Marxen

**EIEd 3212. Practicum II: Field Experience in a Middle Level Setting.** (1 cr; prereq 3101, 3102, 3103, 3111; S-N only)  
45427 Arranged Rudney

**EIEd 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45287 Arranged

**EIEd 4201. Directed Student Teaching in Primary and Intermediate Grades.** (Hdiv; 10 cr; prereq 4101, 4102, 4103, 4104, 4111, 4112; S-N only)  
45372 Sec 1 Arranged Regional Rudney  
45352 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)  
45347 Arranged Kuechle

**EIEd 4901. The Teacher and Professional Development.** (2 cr; prereq 4201 or 4204 or instr consent)  
45006 Sec 1 Arranged (2nd 7.5 wk) Rudney Max 10  
45645 Sec 2 Arranged (2nd 7.5 wk) Marxen Max 10  
45646 Sec 3 Arranged (2nd 7.5 wk) Solvie Max 10

**EIEd 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45007 Arranged

**EIEd 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45008 Arranged

**EDUCATION, SECONDARY**

**SeEd 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45345 Arranged

**SeEd 4201. Directed Student Teaching in the Middle and Secondary School.** (Hdiv; 10 cr; prereq 4101, 4102, 4103, methods, Spch 1000 or 1051 or exemption; S-N only)  
45373 Sec 1 Arranged Regional Kuechle  
45353 Sec 2 Arranged Non-Regional Kuechle

**SeEd 4204. Directed Student Teaching in International School at the Middle and Secondary Level.** (IP; 10 cr; prereq 4101, 4102, 4103, methods, Spch 1000 or 1051 or exemptions; S-N only)  
45348 Arranged Kuechle

**SeEd 4901. The Teacher and Professional Development.** (2 cr; prereq 4201 or 4204 or instr consent)  
45009 Sec 1 Arranged (2nd 7.5 wk) Kuechle Max 10  
45647 Sec 2 Arranged (2nd 7.5 wk) Trageser Max 10

**SeEd 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45010 Arranged

**SeEd 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45011 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 4102. Methods of Teaching Communication Arts and Literature in the Middle School.** (1 cr; A-F only)  
63523 Arranged Rudney

**MthE 4102. Methods of Teaching Mathematics in the Middle School.** (1 cr; A-F only)  
63524 Arranged Rudney

**SciE 4102. Methods of Teaching Science in the Middle School.** (1 cr; A-F only)  
63525 Arranged Rudney

**SSEc 4102. Methods of Teaching Social Science in the Middle School.** (1 cr; A-F only)  
63526 Arranged Rudney

**ENGLISH**

**Engl 1011. College Writing.** (CW; 4 cr)

Sec 1 Cancelled  
Sec 2 Cancelled  
45130 Sec 3 9:15-10:20 am MWF Hum 11 Gercken-Hawkins Max 18  
45131 Sec 4 10:30-11:35 am MWF Sci 4655 Hall Max 18  
Sec 5 Cancelled  
45133 Sec 6 11:45-12:50 pm MWF Sci 4655 Hall Max 18  
45134 Sec 7 1:00-2:05 pm MWF Hum 5 Heyman Max 18  
45135 Sec 8 2:15-3:20 pm MWF Hum 111 Gercken-Hawkins Max 18  
Sec 9 Cancelled

**Engl 1131. Introduction to Literature.** (Hum; 4 cr)  
45604 Sec 1 10:30-11:35 am MWF Hum 105 Minton Max 20  
45605 Sec 2 8:00-9:40 am TTh Hum 11 J. Ericksen Max 20  
67449 Sec 3 11:45-12:50 pm MWF HFA 23 Murphy Max 20

**Engl 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45293 Arranged

**Engl 2011. Introduction to Poetry and Poetic Language.** (Hum; 4 cr; prereq 1011 or equiv)  
Cancelled

**Engl 2106. Topics in Writing: Environmental Imagination: Reading & Writing About the Natural World.** (Envt; 4 cr; prereq 1011 or equiv)  
67449 12:00-1:40 pm TTh Hum 205 Graham Max 20

**Engl 2121. Introduction to Creative Writing.** (ArtP; 4 cr; prereq 1011 or equiv)  
45639 10:00-11:40 am TTh HFA 18 Manolis Max 18

**Engl 2202. British Literature Survey II.** (Hum; 4 cr; prereq 1011 or equiv, 1131)  
45606 12:00-1:40 pm TTh Hum 5 Deane Max 25  
67809 Sec 2 8:00-9:40 am TTh Hum 205D. Purdy Max 25

**Engl 2212. American Literature Survey II.** (Hum; 4 cr; prereq 1011 or equiv, 1131)  
45138 11:45-12:50 pm MWF Hum 5 Blake Max 25

**Engl 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45294 Arranged

**Engl 3010. Practicum in Writing Tutoring.** (Hum; 2 cr; prereq 1011 or equiv, instr consent; S-N only)  
63888 Arranged Heyman

**Engl 3014. Advanced Poetry Writing.** (ArtP; 4 cr; prereq instr consent)  
63527 3:30-5:30 pm MW Hum 5 Graham Max 18

**Engl 3156. Modern Irish Literature.** (Hum; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212)  
63528 12:00-1:40 pm TTh HFA 18 D. Purdy Max 25

**Engl 3159. Shakespeare.** (Hum; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212)  
45137 1:00-2:05 pm MWF Hum 111 Minton Max 25

**Engl 3162. Chaucer.** (Hum; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212)(Meets w/Engl 3162H)  
63529 10:00-11:40 am TTh Hum 11 J. Ericksen Max 20

**Engl 3162H. Honors: Chaucer.** (Hum; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212, participation in Honors Program or instr consent)(Meets w/Engl 3162)  
63530 10:00-11:40 am TTh Hum 11 J. Ericksen Max 5

**Engl 3301. U.S. Multicultural and Multiracial Literatures.** (Hdiv; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212)  
45623 10:30-11:35 am MWF Hum 11 Gercken-Hawkins Max 25

**Engl 3411. Critical Approaches to Literature.** (Hum; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212)  
45607 9:15-10:20 am MWF Hum 12 Murphy Max 20

**Engl 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45295 Arranged

**Engl 4018. Variable Topics Seminar: American Postmodern Literature.** (Hum; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212, instr consent)  
67547 3:30-5:30 pm MW Hum 105 Blake Max 12

**Engl 4021. Variable Topics Seminar: British Literature of the Fin de Siecle.** (Hum; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212, instr consent)  
67518 2:00-3:40 pm TTh Hum 205 Deane Max 12

**Engl 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45139 Arranged

**Engl 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45140 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)  
45141 Sec 1 10:30-11:35 am MWF Hum 111 Buchanan Max 25  
45142 Sec 2 11:45-12:50 pm MWF Hum 111 Gilmore Max 25

**Fren 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45296 Arranged

**Fren 2002. Intermediate French II.** (IP; 4 cr; prereq 2001 or placement or instr consent)  
45143 8:00-9:05 am MWF Hum 111 Buchanan Max 25

**Fren 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45297 Arranged

**Fren 3011. Reading and Analysis of Texts.** (Hum; 4 cr; prereq 2002 or instr consent)  
45392 9:15-10:20 am MWF Hum 105 T. Berberi

**Fren 3051. French Literature I: Medieval and Early Modern France.** (Hum; 4 cr; prereq 3011)  
63531 10:00-11:40 am TTh Hum 12 Senior

**Fren 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45298 Arranged

**Fren 4011. Theme et Version.** (Hum; 4 cr; prereq 3001 or equiv or instr consent)  
63532 10:30-11:35 am MWF Hum 12 T. Berberi

**Fren 4901. Senior Seminar.** (4 cr; prereq 3001)  
45609 3:30-5:10 pm MW Sci 3665 Senior

**Fren 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45144 Arranged

**Fren 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45145 Arranged

## GEOGRAPHY

**Geog 2001. Problems in Geography.** (Envt; 4 cr)  
45360 2:15-3:20 pm MWF Hum 5 Heyman Max 35

## GEOLOGY

**Geol 1001. Environmental Geology: Geology in Daily Life.** (Sci; 4 cr; may not count toward the geol major or minor)  
45060 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  
45062 Lab 2 1:30-4:30 pm Mon Sci 1650 Brugger Max 24  
45063 Lab 3 10:00-1:00 pm Tue Sci 1650 Brugger Max 24

**Geol 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45315 Arranged

**Geol 2111. Igneous and Metamorphic Petrology.** (Sci-L; 4 cr; prereq 2101)  
Lec 1 1:00-3:30 pm MWF Sci 1510 Zuluaga  
45068 Lab 2 Arranged

**Geol 2141. Glacial and Quaternary Geology.** (Sci; 4 cr; prereq 1101 or 1101H)  
Lec 1 12:00-1:40 pm TTh Sci 3665 Cotter  
63534 Lab 2 2:15-5:50 pm Fri Room TBA

**Geol 2151. Historical Geology: Earth History and Changing Scientific Perspectives.** (Sci-L; 4 cr)  
Lec 1 10:00-11:40 am TTh Sci 3650 VanAlstine  
45065 Lab 2 1:00-4:00 pm Wed Sci 1650 VanAlstine Max 24  
45066 Lab 3 2:00-5:00 pm Tue Sci 1650 VanAlstine Max 24

**Geol 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45316 Arranged

**Geol 3003. Volcanology.** (Sci; 3 cr)  
67137 9:15-10:20 am MW Sci 1510 Zuluaga Max 20

**Geol 3101. Structural Geology.** (Sci-L; 4 cr; prereq 2111 or instr consent)  
45070 2:00-5:00 pm TTh Sci 1515 Brugger

**Geol 3421. Airphoto Interpretation.** (Sci; 4 cr; prereq 1101 or 1101H or instr consent)  
Lec 1 10:30-11:35 am MW Sci 1540 VanAlstine  
63536 Lab 2 Arranged

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

**Geol 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45317 Arranged

**Geol 4902. Geology Senior Seminar Presentations.** (1 cr; prereq instr consent; required for geol major)  
45071 Arranged

**Geol 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45072 Arranged

**Geol 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45073 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)  
45146 Sec 1 9:15-10:20 am MWF Hum 205 Zhou Max 25  
45147 Sec 2 11:45-12:50 pm MWF Hum 205 Borchardt Max 25

**Ger 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45299 Arranged

**Ger 2002. Intermediate German II: German Culture and Civilization.** (IP; 4 cr; prereq 2001 or instr consent)  
45148 2:15-3:20 pm MWF Hum 205 Borchardt Max 25

**Ger 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45300 Arranged

**Ger 3021. Advanced German Conversation and Composition.** (IP; 4 cr; prereq 3001, 3011 or instr consent)  
45149 3:30-4:35 pm MWF Hum 12 Zhou

**Ger 3101. Survey of German Literature and Culture I.** (Hum; 4 cr; prereq 3011 or instr consent)  
**Cancelled**

**Ger 3102. Survey of German Literature and Culture II.** (Hum; 4 cr; prereq 3011 or instr consent)  
63575 11:45-12:50 pm MWF Hum 12 Zhou

**Ger 3211. German Romanticism.** (Hum; 4 cr; prereq 3101, 3102 or instr consent)  
63538 2:00-3:40 pm TTh Hum 12 Borchardt

**Ger 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45301 Arranged

**Ger 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45150 Arranged

**Ger 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45151 Arranged

## HISTORY

**Hist 1102. Introduction to World History Since 1500.** (Hist; 4 cr)  
45262 Sec 1 10:30-11:35 am MWF Sci 1020 Hinds Max 70  
45467 Sec 2 11:45-12:50 pm MWF HFA 6 Shorb Max 70  
66954 Sec 3 12:00-1:40 pm TTh Sci 2190 Houseman Max 50

**Hist 1301. Introduction to U.S. History.** (Hist; 4 cr)  
45505 12:00-1:40 pm TTh Sci 2950 Guyotte Max 70

**Hist 1601. Latin American History: A Basic Introduction.** (IP; 4 cr)  
45566 8:00-9:50 am TTh CS 134 Hinds Max 40

**Hist 3005. Variable Topics in History: Africa Since 1700.** (Hist 4 cr)  
66939 2:15-3:20 pm MWF Hum 211 Houseman Max 40

**Hist 3008. Variable Topics in History: Islamic Thought and Culture, 500-1000 CE.** (Hist; 4 cr)  
63539 9:15-10:20 am MWF Sci 1030 Kidd Max 20

**Hist 3031. Cross-Cultural Contacts in the Medieval World.** (IP; 4 cr)  
63540 1:00-2:05 pm MWF Hum 205 Kidd Max 30

**Hist 3154. Variable Topics in European History II: The Scientific Revolution.** (Hist; 4 cr)  
Cancelled

**Hist 3356. Variable Topics in U.S. History Since 1860: Civil Rights Movement, 1954-1974.** (Hist; 4 cr)  
45480 2:00-3:40 pm TTh Sci 2185 Guyotte Max 20

**Hist 3358. Variable Topics in Colonial and U.S. History Before 1860: Civil War and Reconstruction.** (Hist; 4 cr)  
63542 8:00-9:40 am TTh Sci 2200 Ahern Max 40

**Hist 3451. Variable Topics in U.S. History: Facing West.** (HDiv; 4 cr)  
63543 10:00-11:40 am TTh Sci 2200 Ahern Max 40

**Hist 3456. Variable Topics in U.S. History: History of Religion in America.** (Hist; 4 cr)  
63544 12:00-1:40 pm TTh Sci 4655 Gross Max 20

**Hist 3462. Strange Harvest: A History of Rural America.** (Hist; 4 cr)  
63849 2:00-3:40 pm TTh Sci 4655 Gross Max 20

**Hist 3552. Variable Topics in Asian National History: History of China.** (IP; 4 cr)  
63545 9:15-10:20 am MWF Sci 3610 Shorb Max 20

**Hist 3703. Variable Topics in the History of Women: 20th-Century European Women.** (Hist; 4 cr; prereq 1101 or 1102 or 1301, WoSt 1101)  
66940 3:30-4:35 pm MWF Hum 11 Houseman Max 40

**Hist 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45330 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.)  
45394 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.)  
45263 Arranged

**Hist 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45346 Arranged

**Hist 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45264 Arranged

## HUMANITIES

**Hum 1551. Literature and Culture of Spain.** (IP; 4 cr; does not count toward Span major or minor)(Meets w/Hum 1551H)  
67135 12:00-1:40 pm TTh Hum 105 Wojtaszek Max 15

**Hum 1551H. Honors: Literature and Culture of Spain.** (IP; 4 cr; prereq participation in Honors Program or instr consent; does not count toward Span major or minor)(Meets w/Hum 1551)  
67136 12:00-1:40 pm TTh Hum 105 Wojtaszek Max 10

**Hum 1993. Directed Study.** (1- 5 cr; prereq approved Directed Study Form)  
45302 Arranged

**Hum 2993. Directed Study.** (1- 5 cr; prereq approved Directed Study Form)  
45303 Arranged

**Hum 3051. Russian Literature.** (Hum; 4 cr)  
67519 3:30-4:35 pm MWF Hum 111 Minton Max 25

**Hum 3993. Directed Study.** (1- 5 cr; prereq approved Directed Study Form)  
45304 Arranged

**Hum 4993. Directed Study.** (1- 5 cr; prereq approved Directed Study Form)  
45152 Arranged

**Hum 4994H. Senior Honors Project.** (1- 5 cr; prereq approved Honors Project Form)  
45153 Arranged

## INTERDISCIPLINARY STUDIES

**IS 1061. Learning to Learn.** (SS; 2 cr; prereq instr consent; S-N only)  
45396 Sec 1 10:00-11:40 am TTh(1st 7.5 wk) Sci 2185 Klopffleisch Max 15  
45397 Sec 2 1:00-2:05 pm MWF(1st 7.5 wk) Sci 2185 Angell Max 15

**IS 1071. Systematic Introduction to the Art and Science of Emergency 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)  
45100 Arranged Hardy

**IS 1091. Ethical and Social Implications of Technology.** (E/CR; 2 cr)  
45349 Sec 1 10:00-10:50 am TTh Sci 1030 McPhee Max 25  
45573 Sec 2 1:00-1:50 pm TTh Sci 1030 Machkasova Max 25

**IS 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45281 Arranged

**IS 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45282 Arranged

**IS 3205H. Honors: The Early Modern Body in Literature, Philosophy, and Science.** (Hum; 2 cr; prereq participation in Honors Program or instr consent)  
67520 2:00-3:40 pm Tue Hum 11 Senior, Kidd Max 20

**IS 3211H. Honors: Republic or Empire? The American 1890s.** (Hist; 2 cr; prereq participation in Honors Program or instr consent)  
45627 3:30-5:10 pm Wed Hum 205 Guyotte, Murphy Max 20

**IS 3710. Peer Tutoring in College II.** (1 cr; repeatable to 3 cr; prereq 3705)  
45350 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.)  
45101 Arranged

**IS 3893. Prior Learning Directed Study.** (1-4 cr; prereq approved Directed Study Form)  
45102 Arranged

**IS 3896. Prior Learning Internship.** (1-16 cr; prereq approved Internship Form; S-N only)  
45103 Arranged

**IS 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45283 Arranged

**IS 3996. Interdisciplinary Internship.** (1-16 cr; prereq approved Internship Form; S-N only)  
45104 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)  
45398 2:00-3:40 pm TTh(2nd 7.5 wk) CS 132 Husted Max 40  
67818 Sec 2 6:00-7:40 pm TTh(2nd 7.5 wk) Hum 205 Husted Max 40

**IS 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45105 Arranged

**IS 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45106 Arranged

### LATINAMERICANAREASTUDIES

The following requirements for the LAAS major, outside of the discipline, are offered Spring 2005. Simply click on the class and it will link you to the offering.

**Anth 2301, Hist 1601, Pol 3504, Soc 2301, Span 1002, Span 2002, Span 3002, Span 3101, Span 3202, Span 3302, Span 4993, Span 4994H**

**LAAS 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45611 Arranged Staff

**LAAS 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45612 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)  
45107 Arranged Kildegaard

**LAAS 3201. Bibliographical Tools and Journals in Latin American Area Studies.** (1 cr; prereq LAAS major)  
45108 Arranged Schwaller

**LAAS 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45613 Arranged Staff

**LAAS 4101. Senior Tutorial in Latin American Area Studies.** (1-4 cr; prereq 3201, sr LAAS major)  
45109 Arranged Hinds

**LAAS 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45614 Arranged Staff

**LAAS 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45110 Arranged

### MANAGEMENT

**Mgmt 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45331 Arranged

**Mgmt 2102. Principles of Accounting II.** (4 cr; prereq 2101; [An evening exam will be required on February 28 and April 6. The exams will begin at 6:00 pm and students will be given as much time as needed to finish.])  
45265 Sec 1 9:15-10:20 am MWF Hum 5 Reicosky Max 40  
45266 Sec 2 10:30-11:35 am MWF Hum 5 Reicosky Max 40

**Mgmt 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45332 Arranged

**Mgmt 3151. Human Resource Management I.** (E/CR; 2 cr; prereq 2101 or instr consent)  
45574 1:00-2:05 pm MWF(1st 7.5 wk) CS 134 Finzel Max 30

**Mgmt 3161. Labor Management Relations I.** (SS; 2 cr; prereq Econ 1111 or instr consent)  
63546 1:00-2:05 pm MWF(2nd 7.5 wk) CS 134 Finzel Max 30

**Mgmt 3201. Marketing Principles and Strategy.** (SS; 4 cr; prereq 2102, Stat 1601 or instr consent)  
45414 4:00-5:40 pm TTh CS 132 Gausman Max 40

**Mgmt 3512. Group Dynamics.** (SS; 2 cr; prereq 3221 or Psy 3501 or Mgmt/Psy 3701)(Same as Psy 3512)  
63547 10:00-11:40 am TTh(1st 7.5 wk) Sci 4655 Stewart Max 10

**Mgmt 3513. Negotiation.** (SS; 2 cr; prereq 3221 or Psy 3501 or Mgmt/Psy 3701)(Same as Psy 3513)  
63548 10:00-11:40 am TTh(2nd 7.5 wk) Sci 4655 Stewart Max 10

**Mgmt 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45333 Arranged

**Mgmt 4101. Investment and Portfolio Analysis.** (SS; 4 cr; prereq 2101, 2102, 3101)  
45455 2:00-3:40 pm TTh Sci 1030 Vo Max 30

**Mgmt 4201. Variable Topics in Managerial Economics: Introduction to Industry Analysis.** (SS; 2 cr; prereq 2101, Econ 1111, 1112, Math 1101, Stat 1601 or instr consent)  
63549 9:15-10:20 am MWF(1st 7.5 wk) CS 128 Burks Max 30

**Mgmt 4202. Variable Topics in Managerial Economics: Introduction to Strategic Positioning.** (SS; 2 cr; prereq 2101, Econ 1111, 1112, Math 1101, Stat 1601 or instr consent)  
63550 9:15-10:20 am MWF(2nd 7.5 wk) CS 128 Burks Max 30

**Mgmt 4896. Internship.** (1-4 cr; repeatable to 4 cr; 2 cr may be applied to the major or minor; prereq 2102, instr consent; S-N only)  
45357 Arranged Bina

**Mgmt 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45267 Arranged

**Mgmt 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45268 Arranged

## MATHEMATICS

**Math 1001. Survey of Math.** (M/SR; 4 cr; prereq 2 years of high school math)  
45074 Sec 1 8:00-9:05 am MWF Sci 2200 McQuarrie Max 35  
45481 Sec 2 2:15-3:20 pm MWF Sci 3650 Logan Max 35

**Math 1011. Pre-Calculus.** (4 cr; prereq high school higher algebra, geometry; intended to prepare students for Math 1101)  
45075 Sec 1 8:00-9:05 am MWF Sci 3650 Kahng Max 35  
45482 Sec 2 2:15-3:20 pm MWF Sci 2200 DeRung Max 35

**Math 1101. Calculus I.** (M/SR; 5 cr; prereq high school higher algebra, geometry, trigonometry or 1011)  
45076 Sec 1 10:30-11:35 am MWF Sci 3510 Logan Max 35  
10:00-11:40 am Thu  
45077 Sec 2 1:00-2:05 pm MWF Sci 3510 Roberts Max 35  
12:00-1:40 pm Thu  
45444 Sec 3 2:15-3:20 pm MWF Sci 3510 Li Max 35  
2:00-3:40 pm Tue

**Math 1102. Calculus II.** (M/SR; 5 cr; prereq 1101)  
Sec 1 Cancelled  
45079 Sec 2 9:15-10:20 am MWF Sci 3510 McQuarrie Max 35  
10:00-11:40 am Tue  
45354 Sec 3 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; prereq approved Directed Study Form)  
45318 Arranged

**Math 2101. Calculus III.** (M/SR; 4 cr; prereq 1102 or instr consent)  
45082 10:30-11:35 am MWF Sci 2200 Kahng Max 35

**Math 2111. Linear Algebra.** (M/SR; 4 cr; prereq 1101 or instr consent)  
45083 1:00-2:05 pm MWF Sci 3650 Li Max 35

**Math 2202. Mathematical Perspectives.** (M/SR; 4 cr; prereq 1101)  
45456 2:15-3:20 pm MWF Sci 4655 Roberts Max 30

**Math 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45319 Arranged

**Math 3231. Abstract Algebra I.** (M/SR; 4 cr; prereq 2111, 2202 or instr consent)  
45457 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)  
45085 8:00-9:05 am MWF Sci 3655 Ng Max 30

**Math 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45320 Arranged

**Math 4211. Real Analysis.** (M/SR; 2 cr; prereq 3221 or instr consent)  
63551 12:00-12:50 pm TTh Sci 3655 Kahng Max 20

**Math 4231. Abstract Algebra II.** (M/SR; 2 cr; prereq 3231 or instr consent)  
67066 Arranged Roberts

**Math 4452. Variable Topics in Applied Mathematics: Mathematical Modeling.** (M/SR; 4 cr; prereq instr consent)  
63570 3:30-5:10 pm MW Sci 3655 Ng Max 20

**Math 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45087 Arranged

**Math 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45088 Arranged

## MUSIC

**Mus 0100. Concert Attendance.** (0 cr; repeatable; prereq major; S-N only)  
45154 Arranged J. Carlson

**Mus 1041. Introduction to Music.** (FA; 4 cr)  
45650 11:45-12:50 pm MWF HFA 185 H. Koehler Max 50

**Mus 1042. Fundamentals of Music.** (FA; 4 cr)  
45578 12:00-1:40 pm TTh HFA 185 Ross Max 27

**Mus 1044. Class Piano.** (ArtP; 1 cr; special fee required)  
45155 Sec 1 12:00-12:50 pm Tue HFA 175 K. Carlson Max 9  
45156 Sec 2 1:00-1:50 pm Tue HFA 175 K. Carlson Max 9

**Mus 1045. Class Guitar.** (ArtP; 1 cr; special fee required)  
45515 2:00-3:00 pm Tue HFA 180 Dingo Max 10

**Mus 1050. Accompanying.** (ArtP; 1 cr; repeatable to 8 cr; prereq instr consent; S-N only)  
45157 Arranged K. Carlson

**Mus 1070. Instrumental Chamber Ensemble.** (ArtP; 1 cr; repeatable to 8 cr; prereq instr consent)  
45162 Arranged J. Carlson

**Mus 1080. Jazz Combo.** (ArtP; 1 cr; repeatable to 8 cr; prereq instr consent)  
45163 Arranged J. Carlson

**Mus 1090. Vocal Chamber Ensemble.** (ArtP; 1 cr; repeatable to 8 cr; prereq instr consent)  
45164 Arranged Hodgson

**Mus 1102. Core Studies I: Music Theory II.** (M/SR; 4 cr; prereq 1101, major or minor or instr consent)  
45343 1:00-2:05 pm MWF HFA 185 R. Richards Max 30

**Mus 1200-1222. Individual Performance Studies.** (ArtP; 1 cr each; repeatable to 8 cr; prereq instr consent; special fee required)

**Mus 1200. Piano**

45165 Sec 1 Arranged K. Carlson  
45361 Sec 2 Arranged J. Richards  
45362 Sec 3 Arranged Helder  
45363 Sec 4 Arranged Staff

**Mus 1201. Piano Accompanying**

45166 Arranged K. Carlson

**Mus 1202. Organ**

45167 Arranged K. Carlson

**Mus 1203. Harpsichord**

45168 Arranged K. Carlson

**Mus 1204. Voice**

45169 Sec 1 Arranged Hodgson  
45364 Sec 2 Arranged H. Koehler  
45365 Sec 3 Arranged W. Koehler  
45366 Sec 4 Arranged K. Miller

**Mus 1205. Violin**

45170 Arranged Panton

**Mus 1206. Viola**

45171 Arranged Panton

**Mus 1207. Cello**

45172 Arranged Staff

**Mus 1208. Double Bass**

45173 Arranged Staff

**Mus 1209. Flute**

45174 Arranged J. Richards

**Mus 1210. Oboe**

45175 Arranged Staff

**Mus 1211. Clarinet**

45176 Arranged Ross

**Mus 1212. Saxophone**

45177 Arranged Ross

**Mus 1213. Bassoon**

45178 Arranged Staff

**Mus 1214. Trumpet**

45179 Arranged J. Carlson

**Mus 1215. French Horn**

45180 Arranged Schwagerl

**Mus 1216. Trombone**

45181 Arranged Varpness

**Mus 1217. Baritone**

45182 Arranged Varpness

**Mus 1218. Tuba**

45183 Arranged Varpness

**Mus 1219. Percussion**

45184 Arranged Svendsen

**Mus 1220. Recorder**

45382 Arranged J. Richards

**Mus 1221. Guitar**

45470 Arranged Dingoo

**Mus 1222. Electric Bass**

45471 Arranged Freudenberg

**Mus 1223. Composition**  
63886 Arranged J. Carlson

**Mus 1300. Concert Band.** (ArtP; 1 cr; repeatable to 8 cr)  
45185 3:30-4:30 pm MWF HFA 180 Ross  
3:50-4:30 pm TTh

**Mus 1310. University Choir.** (ArtP; 1 cr; repeatable to 8 cr)  
45186 2:15-3:20 pm MWF HFA 170 Hodgson

**Mus 1320. Concert Choir.** (ArtP; 1 cr; repeatable to 8 cr; prereq instr consent)  
45187 4:35-5:30 pm M-F HFA 170 Hodgson

**Mus 1330. Jazz Ensemble.** (ArtP; 1 cr; repeatable to 8 cr)  
45158 Sec 1 11:45-12:50 pm MWF HFA 180 J. Carlson  
45159 Sec 2 12:00-12:50 pm TTh HFA 180 J. Carlson  
45160 Sec 3 1:00-1:50 pm TTh HFA 180 J. Carlson  
45161 Sec 4 6:35-7:50 pm Mon HFA 180 J. Carlson

**Mus 1340. Orchestra.** (ArtP; 1 cr; repeatable to 8 cr)  
45381 5:35-6:30 pm M-F HFA 180 Panton

**Mus 1401. English, Italian, German, and French Diction for Singers.** (ArtP; 1 cr)

63850 9:15-10:20 am MWF(2nd 7.5 wk) HFA 185 H. Koehler Max 25

**Mus 2102. Core Studies II: Music Theory IV.** (Hum; 4 cr; prereq 2101, major or minor or instr consent)  
45188 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)  
63595 10:30-11:35 am MWF HFA 185 Panton Max 30

**Mus 3200-3222. Advanced Individual Performance Studies.** (ArtP; 1 cr each; repeatable to 8 cr; prereq instr consent)

**Mus 3200. Piano**

45190 Sec 1 Arranged K. Carlson  
45367 Sec 2 Arranged Staff  
45368 Sec 3 Arranged Helder

**Mus 3201. Piano Accompanying**

45191 Arranged K. Carlson

**Mus 3202. Organ**

45344 Arranged K. Carlson

**Mus 3203. Harpsichord**

45192 Arranged K. Carlson

**Mus 3204. Voice**

45193 Sec 1 Arranged Hodgson  
45369 Sec 2 Arranged H. Koehler  
45370 Sec 3 Arranged W. Koehler  
45371 Sec 4 Arranged K. Miller

**Mus 3205. Violin**

45194 Arranged Panton

**Mus 3206. Viola**

45195 Arranged Panton

**Mus 3207. Cello**

45196 Arranged Staff

**Mus 3208. Double Bass**

45197 Arranged Staff

**Mus 3209. Flute**

45198 Arranged J. Richards

**Mus 3210. Oboe**

45199 Arranged Staff

**Mus 3211. Clarinet**

45200 Arranged Ross

	<b>Mus 3212. Saxophone</b>				
45201	Arranged Ross				
	<b>Mus 3213. Bassoon</b>				
45202	Arranged Staff				
	<b>Mus 3214. Trumpet</b>				
45203	Arranged J. Carlson				
	<b>Mus 3215. French Horn</b>				
45204	Arranged Schwagerl				
	<b>Mus 3216. Trombone</b>				
45205	Arranged Varpness				
	<b>Mus 3217. Baritone</b>				
45206	Arranged Varpness				
	<b>Mus 3218. Tuba</b>				
45207	Arranged Varpness				
	<b>Mus 3219. Percussion</b>				
45208	Arranged Svendsen				
	<b>Mus 3220. Recorder</b>				
45383	Arranged J. Richards				
	<b>Mus 3221. Guitar</b>				
45579	Arranged Dingo				
	<b>Mus 3222. Electric Bass</b>				
45580	Arranged Freudenberg				
	<b>Mus 3223. Composition</b>				
63887	Arranged J. Carlson				

**Mus 3302. Instrumental Techniques: Brass and Percussion.** (1 cr; prereq major or minor or instr consent)

45581 9:15-10:20 am MWF(1st 7.5 wk) HFA 180 J. Carlson

**Mus 3321. Instrumental Conducting and Materials.** (2 cr; prereq 3311, major or minor or instr consent)

45400 1:00-2:05 pm MWF(1st 7.5 wk) HFA 180 Ross Max 20

**Mus 3331. Choral Conducting and Materials.** (2 cr; prereq 3311, major or minor or instr consent)

45401 1:00-2:05 pm MWF(2nd 7.5 wk) HFA 170 Hodgson

**Mus 3400. Opera Workshop.** (ArtP; 1 cr; repeatable to 4 cr; prereq instr consent)

45209 2:00-3:40 pm TTh HFA 160 H. Koehler

**Mus 3500. Composition.** (1-4 cr; repeatable; prereq 1101, major or minor or instr consent)

Cancelled (replaced with Mus 1223 and Mus 3223)

**Mus 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)

45445 Arranged

**Mus 4101. Form and Analysis.** (4 cr; prereq 1102, major or minor or instr consent)

63553 10:00-11:40 am TTh HFA 185 R. Richards

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

45211 Arranged J. Carlson

**Mus 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)

45212 Arranged

## NATURALSCEINCE

**NSci 1051. The State of the Planet.** (Env; 4 cr)

66944 3:30-4:35 pm MWF Sci 2200 P Wyckoff Max 40

## PHILOSOPHY

**Phil 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)

45305 Arranged

**Phil 2101. Introduction to Symbolic Logic.** (M/SR; 4 cr)

63574 1:00-2:05 pm MWF HFA 23 Lemke Max 25

**Phil 2111. Introductory Ethics.** (Hum; 4 cr)

63554 Sec 1 9:15-10:20 am MWF HFA 18 Schaup Max 25

63555 Sec 2 10:30-11:35 am MWF HFA 18 Schaup Max 25

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

63556 12:00-1:40 pm TTh Sci 3610 Garavaso Max 25

**Phil 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)

45306 Arranged

**Phil 3101. Metaphysics.** (Hum; 4 cr; prereq any 1xxx or 2xxx course except 2101 or instr consent)

63557 2:00-3:40 pm TTh Hum 111 Garavaso Max 25

**Phil 3171. History of Modern Philosophy.** (Hist; 4 cr; prereq any 1xxx or 2xxx course except 2101)

63558 10:30-11:35 am MWF HFA 23 Lemke Max 25

**Phil 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)

45307 Arranged

**Phil 4111. Ethical Theory.** (Hum; 4 cr; prereq any 1xxx or 2xxx course except 2101 or instr consent)

63559 8:00-9:40 am TTh Hum 12 Schaup Max 25

**Phil 4901. Senior Philosophical Defense.** (2 cr)

45213 Arranged

**Phil 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)

45214 Arranged

**Phil 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)

45215 Arranged

## PHYSICS

**Phys 1053. Introduction to Stars, Galaxies, and Cosmology.** (Sci; 4 cr)

45615 11:45-12:50 pm MWF 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

45617 Lab 2 2:15-4:15 pm Wed Sci 4550 Korth Max 20

45618 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

45090 Lab 2 2:15-4:15 pm Mon Sci 4550 Boyd Max 20

45091 Lab 3 8:00-10:00 am Tue Sci 4550 Boyd Max 20

45092 Lab 4 2:00-4:00 pm Tue Sci 4550 Boyd Max 20

**Phys 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45321 Arranged

**Phys 2101. Modern Physics.** (Sci-L; 5 cr; prereq 1102, Math 2401 or instr consent)  
Lec 1 9:15-10:20 am MWF Sci 3655 McIntosh  
45094 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)  
45096 2:00-5:00 pm TTh Sci 4610 Keeler Max 12

**Phys 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45322 Arranged

**Phys 3002. Topics in Biological and Medical Physics.** (Sci; 3 cr; prereq 1101, 1102; 2101 recommend)  
63571 1:00-1:50 pm MWF Sci 3665 Keeler

**Phys 3501. Statistical Physics.** (Sci; 4 cr; prereq 2101)  
63560 8:00-9:05 am MWF Sci 3665 Boyd

**Phys 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45323 Arranged

**Phys 4201. Quantum Mechanics.** (Sci; 4 cr; prereq 2101, Math 2101)  
45097 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; prereq approved Directed Study Form)  
45098 Arranged

**Phys 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45099 Arranged

## POLITICALSCIENCE

**Pol 1201. American Government and Politics.** (E/CR; 4 cr)  
45269 9:15-10:20 am MWF HFA 6 Thorson Max 60

**Pol 1301. Comparative Politics.** (IP; 4 cr)  
45423 11:45-12:50 pm MWF HFA 18 C. Lee Max 30

**Pol 1993. Directed Study.** (1-5 cr; prereq political science major, approved Directed Study Form)  
45334 Arranged

**Pol 2993. Directed Study.** (1-5 cr; prereq political science major, approved Directed Study Form)  
45335 Arranged

**Pol 3232. Constitutional Law: Governmental Powers and Constraints.** (SS; 4 cr; prereq 1201 or instr consent)  
63561 10:00-11:40 am TTh Sci 3610 Thorson Max 35

**Pol 3263. Political Psychology.** (SS; 4 cr; prereq 1201; Psy 1051 recommended)  
Cancelled

**Pol 3352. Political Thought: Modern.** (Hum; 4 cr; prereq 1101 or instr consent)  
45270 3:30-4:35 pm MWF Hum 211Hunt Max 20

**Pol 3353. American Political Thought.** (Hum; 4 cr; prereq 1101 or instr consent)  
45483 2:00-3:40 pm TTh Hum 211Hunt Max 35

**Pol 3421. International Organizations.** (E/CR; 4 cr; prereq 1401 or instr consent)  
Cancelled

**Pol 3504. Latin American Politics.** (IP; 4 cr; prereq 1301 or instr consent)  
45447 12:00-1:40 pm TTh CS 134 C. Lee Max 25

**Pol 3993. Directed Study.** (1-5 cr; prereq political science major, approved Directed Study Form)  
45336 Arranged

**Pol 3996. Field Study in Political Science.** (1-16 cr; repeatable; max of 4 cr may be applied to the major or minor; prereq instr consent)  
45271 Arranged O'Loughlin

**Pol 4301. Contemporary Political Ideologies.** (Hum; 4 cr; prereq 1101 or instr consent)  
45402 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)  
Cancelled

**Pol 4503. Women in Politics Worldwide.** (IP; 4 cr; prereq 1201, 2101 or instr consent)  
63564 2:15-3:20 pm MWF CS 132 O'Loughlin Max 35

**Pol 4993. Directed Study.** (1-5 cr; prereq political science major, approved Directed Study Form)  
45272 Arranged

**Pol 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45273 Arranged

## PSYCHOLOGY

**Psy 1051. Introduction to Psychology.** (SS; 4 cr)  
Lec 1 12:00-1:40 pm TTh HFA 6 Stewart  
45496 Dis 2 2:15-3:05 pm Wed Hum 105Staff Max 15  
45497 Dis 3 3:30-4:20 pm Wed MRC 10 Staff Max 15  
45498 Dis 4 9:00-9:50 am Thu MRC 10 Staff Max 15  
45499 Dis 5 2:00-2:50 pm Thu HFA 18 Staff Max 15  
45500 Dis 6 3:00-3:50 pm Thu HFA 18 Staff Max 15

**Psy 1061. Introduction to the Development of the Child and Adolescent.** (SS; 4 cr; prereq 1051 or instr consent)  
45274 10:00-11:40 am TTh Sci 2190 Benson Max 55

**Psy 1081. Drugs and Human Behavior.** (SS; 2 cr)  
45422 3:30-4:35 pm MWF(1st 7.5 wk) Sci 2950 Ratliff-Crain Max 70

**Psy 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45337 Arranged

**Psy 2001. Research Methods in Psychology.** (SS; 4 cr; prereq 1051, Stat 1601 or Stat 2601 or instr consent)  
45622 11:45-12:50 pm MWF Sci 2190 Johnson, Max 30  
Ratliff-Crain

**Psy 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45338 Arranged

**Psy 3051. The Psychology of Women.** (Hdiv; 4 cr; prereq 1051)  
45275 1:00-2:05 pm MWF CS 132 Hostetler Max 30

**Psy 3112. Cognition.** (SS; 4 cr; prereq 2001 or instr consent)  
45276 9:15-10:20 am MWF CS 134 Johnson Max 24

**Psy 3302. Personality.** (SS; 4 cr; prereq 1051, Stat 1601 or 2601 or instr consent)  
45503 10:30-11:35 am MWF MRC 10 Hostetler Max 30

**Psy 3313. Psychopathology.** (SS; 4 cr; prereq 3301 or 3311 or 3302, Stat 1601 or 2601)  
45458 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)  
45403 2:00-3:40 pm TTh(1st 7.5 wk) Sci 3650 Benson Max 40

**Psy 3512. Group Dynamics.** (SS; 2 cr; prereq 3501 or Mgmt 3221 or Psy/Mgmt 3701)(Same as Mgmt 3512)  
63576 10:00-11:40 am TTh(1st 7.5 wk) Sci 4655 Stewart Max 10

**Psy 3513. Negotiation.** (SS; 2 cr; prereq 3501 or Mgmt 3221 or Psy/Mgmt 3701)(Same as Mgmt 3513)  
63577 10:00-11:40 am TTh(2nd 7.5 wk) Sci 4655 Stewart Max 10

**Psy 3521. Health Psychology.** (SS; 4 cr; prereq 1051)  
45516 10:30-11:35 am MWF Sci 2190 Ratliff-Crain Max 30

**Psy 3541. Cultural and Cross-Cultural Psychology.** (HDiv; 2 cr; prereq 2001, 3302 or 3313 or 3401 or 3402 or 3403 or 3501 or 3521 or instr consent )  
65704 2:15-3:20 pm MWF(1st 7.5 wk) CS 128 Hostetler Max 30

**Psy 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45339 Arranged

**Psy 4101. Helping Relationships.** (SS; 4 cr; prereq 3302)  
45277 4:00-5:40 pm TTh Hum 205 Husted Max 20

**Psy 4660. Empirical Investigations in Health Psychology I.** (SS; 2 cr; repeatable; prereq 2001, [3501 or 3521], instr consent; no cr for 4660 until 4760 completed)(Meets w/Psy 4760)  
45619 4:00-5:40 pm Tue SCTR 5 Ratliff-Crain Max 10

**Psy 4710. Empirical Investigations in Cognitive Psychology II.** (SS; 2 cr; repeatable; prereq 4610, instr consent)  
45489 4:00-5:40 pm Tue Hum 105 Johnson Max 10

**Psy 4730. Empirical Investigations in Personality, Psychopathology, and Psychological Intervention II.** (SS; 2 cr; repeatable; prereq 4630, instr consent)  
45491 Sec 1 4:00-5:40 pm Tue CS 128 Klinger Max 10  
45494 Sec 2 4:00-5:40 pm Tue Hum 5 Hostetler Max 5

**Psy 4740. Empirical Investigations in Developmental Psychology II.** (SS; 2 cr; repeatable; prereq 4640, instr consent)  
45492 Sec 1 4:00-5:40 pm Tue Sci 3655 Benson Max 10  
45502 Sec 2 4:00-5:40 pm Tue Hum 5 Hostetler Max 5

**Psy 4750. Empirical Investigations in Social and Organizational Psychology II.** (SS; 2 cr; repeatable; prereq 4650, instr consent)  
45493 4:00-5:40 pm Tue Hum 12 Stewart Max 10

**Psy 4760. Empirical Investigations in Health Psychology II.** (SS; 2 cr; repeatable; prereq 4660, instr consent)(Meets w/Psy 4660)  
45620 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)  
45278 Arranged

**Psy 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45279 Arranged

**Psy 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45280 Arranged

## SOCIOLOGY

**Soc 1101. Introductory Sociology.** (SS; 4 cr)  
45251 1:00-2:05 pm MWF Sci 1020 Rothchild Max 70

**Soc 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45340 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)  
63565 11:45-12:50 pm MWF Sci 2185 Chollett Max 15

**Soc 2452. Native American Women.** (Hdiv; 4 cr; prereq 1101 or Anth 1111 or instr consent)(Same as Anth 2452)  
45521 12:00-1:40 pm TTh Sci 2200 Pelletier Max 15

**Soc 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45341 Arranged

**Soc 3102. Research Methodology II.** (4 cr; prereq 3101)  
45253 8:00-9:40 am TTh Sci 4655 Gilanshah Max 30

**Soc 3111. Sociology of Modernization.** (IP; 4 cr; prereq 1101 or Anth 1111 or instr consent)  
45485 12:00-1:40 pm TTh CS 132 Gashaw Max 30

**Soc 3203. Indigenous Peoples of the World: A Cultural Perspective.** (IP; 4 cr; prereq 1101 or Anth 1111)(Same as Anth 3203)  
63847 2:00-3:40 pm TTh Sci 2200 Pelletier Max 20

**Soc 3121.Sociology of Gender.** (HDiv; 4 cr; prereq 1101 or Anth 1111 or instr consent)  
63583 9:15-10:20 am MWF Sci 3650 Rothchild Max 25

**Soc 3252. Variable Topics in Social Structure: Women in Muslim Society.** (IP; 4 cr; prereq 1101 or Anth 1111)  
45486 12:00-1:40 pm TTh Sci 3650 Gilanshah Max 30

**Soc 3301. India and South Asia.** (IP; 4 cr; prereq 1101 or Anth 1111 or instr consent)(Same as Anth 3301)  
45248 2:00-3:40 pm TTh CS 134 Templeman Max 20

**Soc 3402. Contemporary Sociological Theory.** (SS; 4 cr; prereq 1101, 4 adtl cr in Soc recommended)  
45487 10:00-11:40 am TTh CS 132 Gashaw Max 40

**Soc 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45342 Arranged

**Soc 4991. Independent Project Seminar.** (5 cr; prereq 3101, 3401 or 3402)  
45596 4:00-5:40 pm TTh Sci 1030 Rothchild Max 20

**Soc 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45254 Arranged

**Soc 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45255 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)  
45216 Sec 1 8:00-9:05 am MWF Hum 211Turner Max 25  
45217 Sec 2 9:15-10:20 am MWF Hum 211Alvarez Max 25  
45218 Sec 3 10:30-11:35 am MWF Hum 211Gilmore Max 25  
45219 Sec 4 1:00-2:05 pm MWF Hum 211Alvarez Max 25

**Span 2002. Intermediate Spanish II.** (IP; 4 cr; prereq 2001 or placement or instr consent)  
45220 Sec 1 9:15-10:20 am MWF Hum 111Turner Max 25  
45221 Sec 2 11:45-12:50 pm MWF Hum 211Turner Max 25

**Span 3621. Confessions and Letters in Latin American Fiction.** (Hum; 4 cr; prereq 3002, 3101)  
67139 1:00-2:05 pm MWF Hum 11 Cabrera Max 25

**Span 3002. Advanced Spanish II.** (IP; 4 cr; prereq 3001)  
45222 Sec 1 10:00-11:40 am TTh Hum 211Aronson Max 25  
45511 Sec 2 12:00-1:40 pm TTh Hum 211Aronson Max 25

**Span 3101. Introduction to Spanish Literature.** (Hum; 4 cr, prereq 3001, prereq or coreq 3002 for majors)  
45223 Sec 1 11:45-12:50 pm MWF Hum 11 Cabrera Max 25  
45512 Sec 2 2:15-3:20 pm MWF Hum 11 Cabrera Max 25

**Span 3202. Masterpieces of Spanish Peninsular Literature II.** (Hum; 4 cr; prereq 3002, 3101)  
45224 10:00-11:40 am TTh Hum 205Wojtaszek Max 25

**Span 3302. Masterpieces of Latin American Literature II.** (Hum; 4 cr; prereq 3002, 3101)  
45225 10:30-11:35 am MWF Hum 205Alvarez Max 25

**Span 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45226 Arranged

**Span 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45227 Arranged

## SPEECH COMMUNICATION

**Spch 1051. Introduction to Public Speaking.** (E/CR; 4 cr)  
63879 Sec 1 8:00-9:05 am MWF HFA 18 Schreck Max 25  
63880 Sec 2 2:15-3:20 pm MWF HFA 18 Schreck Max 25

**Spch 2101. Introduction to Speech Communication.** (Hum; 4 cr)  
45229 10:00-11:40 am TTh HFA 6 Bezanson, Max 50  
Burke, Rojjanaprapayon

**Spch 3202. Variable Topics in Public Address: Presidential Inaugurals.** (Hum; 4 cr; prereq 2101 or instr consent)  
63566 12:00-1:40 pm TTh HFA 23 Bezanson Max 30

**Spch 3301. Media Theory, Criticism and Problems.** (SS; 4 cr; prereq 2101 or instr consent)  
45231 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)  
45232 8:00-10:20 am MWF HFA 23 Burke Max 20

**Spch 3421. Organizational Communication Theory and Research.** (SS; 4 cr; prereq 2101 or instr consent)  
45233 2:00-3:40 pm TTh HFA 23 Rojjanaprapayon Max 35

**Spch 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45308 Arranged

**Spch 4800. Directed Experience in Teaching Speech Communication.** (1-4 cr; repeatable to 8 cr; prereq instr consent; S-N only)  
45235 Arranged

**Spch 4901. Speech Communication Seminar.** (Hum; 4 cr; prereq sr, 2101, 3101, 3301, 3401, or instr consent)  
45236 10:00-11:40 am TTh HFA 23 Bezanson, Max 15  
Burke, Rojjanaprapayon

**Spch 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45237 Arranged

**Spch 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45238 Arranged

## STATISTICS

**Stat 1601. Introduction to Statistics.** (M/SR; 4 cr; prereq high school higher algebra)  
45080 Sec 1 8:00-9:05 am MWF Sci 3610 Kim Max 45  
45081 Sec 2 10:30-11:35 am MWF Sci 3610 Anderson Max 45  
45387 Sec 3 1:00-2:05 pm MWF Sci 3610 Sungur Max 45  
45399 Sec 4 2:15-3:20 pm MWF Sci 3610 Sungur Max 45

**Stat 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45463 Arranged

**Stat 2611. Mathematical Statistics.** (M/SR; 4 cr; prereq Math 1101)  
45084 11:45-12:50 pm MWF Sci 2200 Kim Max 30

**Stat 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45464 Arranged

**Stat 3611. Multivariate Statistical Analysis.** (M/SR; 4 cr; prereq 1601 or 2601 or 2611 or instr consent)  
45086 2:00-3:40 pm TTh Sci 3550 Sungur Max 30

**Stat 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45465 Arranged

**Stat 4601. Biostatistics.** (M/SR; 4 cr; prereq 1601 or 2601 or 2611 or instr consent)  
45598 12:00-1:40 pm TTh Sci 3550 Anderson Max 30

**Stat 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45466 Arranged

**Stat 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
63567 Arranged

## THEATRE

**Th 1060. Production Experience.** (1 cr; repeatable to 8 cr; prereq instr consent; S-N only)  
45239 Arranged Bremer

**Th 1070. Performance Experience.** (ArtP; 1 cr; repeatable to 8 cr; prereq instr consent; S-N only)  
45240 Arranged Bremer

**Th 1111. Fundamentals of Acting.** (ArtP; 4 cr; prereq 1101, theatre arts major or minor or instr consent)  
45448 10:00-11:40 pm TTh HFA 125 Bremer Max 15

**Th 1993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45309 Arranged

**Th 2111. Creative Drama with Children.** (ArtP; 4 cr; prereq 1101 or th or eled major or instr consent)  
45633 10:30-11:35 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)  
45449 12:00-1:40 pm TTh HFA 125 Bremer Max 20

**Th 2211. Oral Interpretation.** (ArtP; 4 cr)  
45599 9:15-10:20 am MWF HFA 120 Bremer Max 25

**Th 2301. Stagecraft.** (ArtP; 4 cr)  
45241 1:00-2:05 pm MWF HFA 120 Parboosingh Max 40

**Th 2993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45310 Arranged

**Th 3102. World Theatre: History and Literature II.** (FA; 4 cr)  
45242 1:00-2:05 pm MWF HFA 18 Schultz Max 15

**Th 3301. Stage Lighting.** (ArtP; 4 cr; prereq 1301, 2301)  
63568 10:30-11:35 am MWF HFA 26 Parboosingh Max 16

**Th 3993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45311 Arranged

**Th 4301. Scenic Design.** (FA; 4 cr; prereq 1301, 2301)  
63569 10:00-11:40 am TTh HFA 26 Parboosingh Max 16

**Th 4901. Senior Project.** (2-4 cr; prereq theatre arts major, instr consent)  
45243 Arranged Schultz

**Th 4993. Directed Study.** (1-5 cr; prereq approved Directed Study Form)  
45244 Arranged

**Th 4994H. Senior Honors Project.** (1-5 cr; prereq approved Honors Project Form)  
45245 Arranged

## WELLNESS AND SPORT SCIENCE

**WSS 1051. Fitness for Life.** (2 cr)  
45404 Sec 111:45-12:50 pm MWF(1st 7.5 wk) PEC 250 Grove Max 25  
45405 Sec 210:00-11:40 am TTh(2nd 7.5 wk) PEC 251 Hall Max 25

**WSS 1052. Societal Issues in Health and Wellness.** (SS; 2 cr)  
45406 11:45-12:50 pm MWF(2nd 7.5 wk) PEC 251 Crandall Max 25

**WSS 1101. First Aid.** (1 cr)  
45407 Sec 111:45-12:50 pm MWF(1st 7.5 wk) PEC 251 Pennie Max 25  
45408 Sec 2 12:00-1:40 pm TTh(1st 7.5 wk) PEC 251 Pennie Max 25

**Variable Topics in Wellness Skills.** (0.5 cr each; only 4 credits may be applied toward the BA degree; S-N only)

**WSS 1219. Topics in Wellness Skills: Strength Training.** (0.5 cr)  
45410 9:15-10:20 am MWF(2nd 7.5 wk) PEC 240 R. Sarvis Max 20

### Varsity Athletics

All varsity athletics carry 0.5 credit and are repeatable to a total of 2 credits.

**WSS 1401. Varsity Baseball** (Men; 0.5 cr)  
45012 Arranged Fohl

**WSS 1402. Varsity Basketball (0.5 cr)**

45356 Sec 1 Men Arranged Grove  
45374 Sec 2 Women Arranged Hall

**WSS 1406. Varsity Softball (Women; 0.5 cr)**

45355 Arranged Pennie

**WSS 1407. Varsity Tennis (0.5 cr)**

45013 Sec 1 Men Arranged P. Phelps  
45375 Sec 2 Women Arranged P. Phelps

**WSS 1408. Varsity Track and Field (0.5 cr)**

45014 Sec 1 Men Arranged Karger-Gatzow  
45376 Sec 2 Women Arranged Karger-Gatzow

**WSS 1993. Directed Study. (1-5 cr; prereq approved Directed Study Form)**

45288 Arranged

**WSS 2121. Prevention and Care of Injuries. (4 cr; prereq 2111)**

Lec 1	8:00-9:05 am	MWF	PEC 251	Bowman	
45461 Lab 2	9:15-10:20 am	Mon	PEC 139	Bowman	Max 22
45462 Lab 3	8:00-9:05 am	Tue	PEC 139	Bowman	Max 22

**WSS 2201. Baseball Coaching. (2 cr)**

45411 9:15-10:20 am MWF(2nd 7.5 wk) PEC 251 Fohl Max 35

**WSS 2205. Track and Field Coaching. (2 cr) Karger-Gatzow**

45412 10:30-11:35 am MWF(2nd 7.5 wk) PEC 251 Max 35

**WSS 2401. Sociological Aspects of Sports. (SS; 2 cr)**

45459 10:30-11:35 am MWF(1st 7.5 wk) PEC 250 DeVries Max 25

**WSS 2402. Psychological Aspects of Sports. (SS; 2 cr; prereq 2401)**

45506 10:30-11:35 am MWF(2nd 7.5 wk) PEC 250 DeVries Max 25

**WSS 2993. Directed Study. (1-5 cr; prereq approved Directed Study Form)**

45289 Arranged

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

45016 Arranged Fohl

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

45621 Arranged DeVries

**WSS 3993. Directed Study. (1-5 cr; prereq approved Directed Study Form)**

45290 Arranged

**WSS 4101. Planning and Programming of Athletic Facilities. (SS; 4 cr)**

45522 10:00-11:40 am TTh PEC 250 Hickman

**WSS 4993. Directed Study. (1-5 cr; prereq approved Directed Study Form)**

45017 Arranged

**WSS 4994H. Senior Honors Project. (1-5 cr; prereq approved Honors Project Form)**

45018 Arranged

**WOMEN'S STUDIES**

The following courses which can apply to the WoSt major, outside of the discipline, are offered Spring 2005. Simply click on the class and it will link you to the offering.

**Anth 2452, Biol 3101, Hist 3703, Phil 2141, Pol 4503, Psy 3051, Soc 2452, Soc 3121, Soc 3252**

**WoSt 3993. Directed Study. (1-5 cr; prereq approved Directed Study Form)**

45418 Arranged

**WoSt 4101. Feminist Theory. (HDiv; 4 cr; prereq 1101 or 1111 or instr consent)**

67599 10:00-11:40 am TTh Hum 105 Buchanan Max 20

**WoSt 4801. Culminating Experience in Women's Studies. (Hdiv; 4 cr; prereq completion of 32 cr in women's studies)**

45450 Arranged Staff

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

45451 Arranged Staff

**WoSt 4993. Directed Study. (1-5 cr; prereq approved Directed Study Form)**

45419 Arranged

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*Red type indicates course change or cancellation*  
*Blue Type indicates course addition*

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