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SPRING 2011 Schedule of Classes

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### AMERICAN INDIAN STUDIES

**AmIn 1101. Introduction to American Indian Studies.** (Hdiv; 4 cr)
- Time: 3:30-5:15 pm, MW
- Location: Sci 2190
- Instructor: Blansett
- Max: 25

**AmIn 1312. Anishinaabe Language II.** (FL; 4 cr; prereq 1311)
- Time: 11:45-12:50 pm, MWF
- Location: Hum 11
- Instructor: Desrosiers
- Max: 25

**AmIn 1801. American Indian Song and Dance.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
- Time: 2:00-2:50 pm, TTh
- Location: HFA 18
- Instructor: Desrosiers
- Max: 18

**AmIn 4901. Senior Project in American Indian Studies.** (4 cr; prereq 1101, instr consent)
- Time: Arranged
- Instructor: Gercken

*Spring Semester 2011*
### ANTHROPOLOGY

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<td>Anth 1111.</td>
<td>Introductory Cultural Anthropology. (SS; 4 cr)</td>
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<td></td>
<td>10:00-11:40 am TTh</td>
<td>IH 111, Dean</td>
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<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<td>Anth 2101.</td>
<td>Physical Anthropology. (Sci-L; 4 cr)</td>
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<td>8:00-9:40 am TTh</td>
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<td></td>
<td>Lec 1</td>
<td></td>
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<td></td>
<td>10:30-12:00 pm Tue</td>
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<td></td>
<td>4:00-5:30 pm</td>
<td>IH 3, Beaver</td>
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<td></td>
<td>Lab 3</td>
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<td></td>
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<td>1:00-2:30 pm</td>
<td>IH 3, Beaver</td>
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<td>Lab 4</td>
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<td>Anth 2993.</td>
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<td>Culture, Food, and Agriculture. (Envt; 4 cr; = [Soc 3204]; prereq 1111 or Soc 1101 or instr consent)</td>
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<td>11:45-12:50 pm MWF</td>
<td>IH 114, Chollett</td>
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<td>Anth 3402.</td>
<td>Representations from the Field: American Indian Ethnography. (HDiv; 4 cr; prereq 1111 or Soc 1101)</td>
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<td>1:00-2:05 pm MWF</td>
<td>IH 101, Blansett</td>
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<tr>
<td>Anth 3411.</td>
<td>Seminar in Anthropological Methodology. (E/CR; 4 cr; prereq 1111 or Soc 1101, 4 addtl cr in Anth or Soc)</td>
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<td>9:15-10:20 am MWF</td>
<td>IH 217, Chollett</td>
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<td>Anth 3603.</td>
<td>Latin American Archaeology. (SS; 4 cr prereq 1111 or 2103)</td>
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<td>Seminar in Anthropological Theory. (SS; 4 cr; prereq 1111 or Soc 1101, 4 addtl cr in Anth or Soc)</td>
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<td>3:30-5:10 pm MW</td>
<td>IH 217, Chollett</td>
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## ART HISTORY

**ArtH 1101. Principles of Art.** (FA; 4 cr) *Reserved seats: 10 seniors, 10 juniors, 15 sophomores, 15 freshmen*

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>53113</td>
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<td>MWF</td>
<td>HFA 6</td>
<td>Dabbs</td>
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</table>

**ArtH 1111. Ancient to Medieval Art.** (FA; 4 cr) *Reserved seats: 10 seniors, 10 juniors, 15 sophomores, 15 freshmen*

<table>
<thead>
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<th>Code</th>
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<th>Days</th>
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<td>72105</td>
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<td>HFA 6</td>
<td>Schryver</td>
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<tr>
<td>74899</td>
<td>12:00-1:00 pm</td>
<td>TTh</td>
<td>HFA 2</td>
<td>Schryver</td>
<td>15</td>
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**ArtH 1121. Renaissance to Modern Art.** (FA; 4 cr) *Reserved seats: 10 seniors, 10 juniors, 15 sophomores, 15 freshmen*

<table>
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<td>53675</td>
<td>2:00-3:40 pm</td>
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**ArtH 3112. Art and the Byzantine Empire.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)

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**ArtH 3133. Boundaries and Transitions in Medieval Art.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)
*Canceled – 11/22/2010*

**ArtH 3171. Baroque Art.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)

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<td>72108</td>
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**ArtH 3261. Chinese Art.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)

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<tr>
<td>72109</td>
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**ArtH 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq any 1xxx ArtH course or jr status, approved directed study form)
*Arranged*

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

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<td>Dabbs, Eisinger, Schryver</td>
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**ArtH 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq any 1xxx ArtH course or jr status, approved directed study form)
*Arranged*
ART, STUDIO

Arts 1004. Visual Studies for Non-Majors: Printmaking. (ArtP; 3 cr [max 6 cr]; no elective cr for ArtS majors or minors)

53831  2:15-4:15 pm  MWF  HFA 15  Otten  Max 12

Arts 1050. Beginning Ceramics. (ArtP; 3 cr [max 6 cr])

72110  2:15-4:15 pm  MWF  HFA 145  Flicker  Max 12

Arts 1102. Basic Studio Drawing II. (ArtP; 2 cr; prereq 1101, coreq 1104, 1106; one 1xxx ArtH course recommended during the same year)

53117  2:00-4:00 pm  TTh  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)

53119 Sec 1  9:15-11:15 am  MW  HFA 135  Nellis  Max 12
54247 Sec 2  2:15-4:15 pm  MW  HFA 135  Nellis  Max 12

Arts 1106. Basic Studio Discussion II. (ArtP; 1 cr; prereq 1105, coreq 1102, 1104; one 1xxx ArtH course recommended during the same year)

53121  11:45-1:15 pm  Wed  HFA 2  Eble  Max 16

Arts 1500. Beginning Photography. (ArtP; 3 cr [max 6 cr])

53743  6:00-9:00 pm  Wed  HFA 14  Peper  Max 12

Arts 2050. Advanced Ceramics. (ArtP; 3 cr [max 9 cr]; prereq 1050 or instr consent)

53123  9:15-11:15 am  MW  HFA 145  Flicker  Max 12

Arts 2102. Drawing from Life II. (ArtP; 3 cr; prereq 2101 recommended)(Meets w/ArtS 3110)

53125  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)

53833  11:45-1:45 pm  MWF  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)

53127  9:15-11:15 am  MW  HFA 130  Eble  Max 7

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

53129  1:00-4:00 pm  TTh  HFA 145  Nellis  Max 7

Arts 3005. Media Studies: Digital Imaging. (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent)

72111  2:15-4:15 pm  MWF  HFA 26  Larson  Max 10

Arts 3007. Media Studies: Printmaking. (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent)

72112  4:00-6:00 pm  TTh  HFA 15  Otten  Max 10

Arts 3110. Advanced Drawing II. (ArtP; 3 cr [max 9 cr]; prereq 2101, 2102; 3100 recommended)(Meets w/ArtS 2102)

53131  9:00-12:00 pm  TTh  HFA 135  Larson  Max 7

Arts 3210. Advanced Printmaking II. (ArtP; 3 cr [max 9 cr]; prereq 2202)(Meets w/ArtS 2202)

53835  11:45-1:45 pm  MW  HFA 15  Otten  Max 7

Arts 3310. Advanced Painting II. (ArtP; 3 cr [max 9 cr]; prereq 2302 or instr consent)(Meets w/ArtS 2302)

53677  9:15-11:15 am  MW  HFA 130  Eble  Max 7

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<td>Prereq 2402 (Meets w/ArtS 2402)</td>
<td>3 cr</td>
<td>HFA 145</td>
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<td>Prereq 4902</td>
<td>1 cr</td>
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<td>1-5 cr</td>
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# BIOSCIENCE

## BIOLOGY

**Biol 1002. Human Nutrition.** (Sci; 3 cr; no elective cr for biol majors or minors)

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<tr>
<td>53767</td>
<td>8:50-9:55 am</td>
<td>TTh</td>
<td>Sci 3650</td>
<td>Hardy</td>
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**Biol 1111. Fundamentals of Genetics, Evolution, and Development.** (Sci; 3 cr; prereq biol major/minor or chem major or any health sciences preprofessional program or EIEd or SeEd major with middle school science specialties or instr consent)

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<th>Max</th>
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<tbody>
<tr>
<td>53837</td>
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<td>TTh</td>
<td>Sci 3610</td>
<td>Waye</td>
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<tr>
<td>54021</td>
<td>10:00-11:15 am</td>
<td>TTh</td>
<td>Sci 2200</td>
<td>Myers</td>
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**Biol 2101. Evolution of Biodiversity.** (Sci-L; 4 cr; prereq 1101 or 1111 or instr consent)

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<td>53005</td>
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<td>Sci 2130</td>
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<td>53007</td>
<td>2:00-5:00 pm</td>
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<td>Sci 2130</td>
<td>Kuchenreuther</td>
<td>18</td>
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<tr>
<td>72113</td>
<td>9:00-12:00 pm</td>
<td>Thu</td>
<td>Sci 2130</td>
<td>Kuchenreuther</td>
<td>18</td>
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<tr>
<td>72114</td>
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<td>Sci 2130</td>
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<td>72115</td>
<td>2:15-5:15 pm</td>
<td>Wed</td>
<td>Sci 2130</td>
<td>Anderson</td>
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**Biol 2102. Introduction to Human Physiology.** (Sci; 4 cr; prereq 2102 or WSS 2102 or instr consent; no elective cr for biol majors or minors)

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<tr>
<td>54031</td>
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<td>Sci 3610</td>
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**Biol 3121. Molecular Biology.** (Sci-L; 5 cr; prereq 2111, Chem 2301 or instr consent)

<table>
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<td>53011</td>
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<td>Sci 1020</td>
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<td>53013</td>
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<td>53839</td>
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<td>Fri</td>
<td>Sci 2170</td>
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<tr>
<td>74663</td>
<td>1:00-4:00 pm</td>
<td>Mon</td>
<td>Sci 2170</td>
<td>Shawgo</td>
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**Biol 3700. Biological Communication I.** (1 cr; prereq Biol 2101, 2111)

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<td>Sci 2185</td>
<td>Myers</td>
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<td>Thu</td>
<td>Sci 2185</td>
<td>Mumford</td>
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**Biol 3701. Biological Communication II.** (1 cr; prereq 3700, instr consent)

65 min/week discussion arranged

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**Biol 4004. Principles of Public Health and Epidemiology.** (Sci-L; 4 cr; prereq Stat 1601 or 2601, jr status or instr consent)

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<td>Sci 2200</td>
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**Biol 4111. Microbiology.** (Sci-L; 4 cr; prereq 2111, prereq or coreq 3121 or instr consent)

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<td>53019</td>
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<td>Thu</td>
<td>Sci 2150</td>
<td>Shawgo</td>
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*Spring Semester 2011*
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<th>Course</th>
<th>Description</th>
<th>Credits</th>
<th>Prerequisites</th>
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<th>Location</th>
<th>Instructor</th>
<th>Max Enrollment</th>
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<td><strong>Biol 4121. Herpetology.</strong></td>
<td>(Sci-L; 4 cr; prereq Biol 2101 or EnSt 2101 or instr consent)</td>
<td></td>
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<td>Lec 1 10:30-11:35 am MW Sci 1020 Waye</td>
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<td>72117 Lab 2 2:15-5:15 pm Mon Sci 3180 Waye Max 18</td>
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<td>74563 Lab 3 2:00-5:00 pm Tue Sci 3180 Waye Max 18</td>
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<td><strong>Biol 4161. Evolution.</strong></td>
<td>(Sci; 4 cr; prereq Biol 2101, 3121 or instr consent)</td>
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<td>54357 2:15-3:20 pm MWF Sci 3650 Kuchenreuther Max 20</td>
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<td><strong>Biol 4312. Genetics.</strong></td>
<td>(Sci-L; 4 cr =[Biol 3101]; prereq 2111 or instr consent)</td>
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<td>Lec 1 11:45-12:50 pm MW Sci 1020 Burke</td>
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<td>72119 Lab 2 12:00-3:00 pm Tue Sci 3160 Burke Max 18</td>
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<td>72120 Lab 3 3:00-6:00 pm Tue Sci 3160 Burke Max 18</td>
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<td>74664 Lab 4 1:00-4:00 pm Thu Sci 3160 Burke Max 18</td>
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<td><strong>Biol 4600. Practicum in Biology.</strong></td>
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<td><strong>Senior Seminar Continuation.</strong></td>
<td>(students register fall semester only; course runs all year)</td>
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<td>Sec 1 12:00-12:50 pm Tue Sci 1020 Cole</td>
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<td>Sec 2 5:00-6:05 pm Thu Sci 1020 Cole</td>
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<td><strong>Biol 4993. Directed Study.</strong></td>
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CHEMISTRY

Chem 1102. General Chemistry II. (Sci-L; 4 cr; prereq 1101)
  Lec 1 8:00-9:05 am MWF Sci 2950 McIntosh
  53919 Lab 2 2:15-5:15 pm Mon Sci 3175 Goodnough Max 20
  53587 Lab 3 8:00-11:00 am Tue Sci 3175 McIntosh Max 20
  53589 Lab 4 12:00-3:00 pm Tue Sci 3175 Soderberg Max 20
  53591 Lab 5 2:15-5:15 pm Wed Sci 3175 McIntosh Max 20
  53593 Lab 6 8:00-11:00 am Thu Sci 3175 McIntosh Max 20
  53981 Lab 7 12:00-3:00 pm Thu Sci 3175 McIntosh Max 20
  72121 Lab 8 4:00-7:00 pm Thu Sci 3175 Soderberg Max 20
  Lab 9 Canceled – 10/04/2010

Chem 1993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
  Arranged

Chem 2302. Organic Chemistry II. (Sci; 4 cr; =[Chem 2304]; prereq 2301, coreq 2321 or instr consent for chem majors)
  53027 9:15-10:20 am MWF Sci 2950 Carpenter Max 80

Chem 2321. Introduction to Research I. (1 cr; prereq 2311, coreq 2302 or instr consent)
  53029 Lab 1 2:15-5:15 pm MW (1st half) Sci 3135 Carpenter Max 8
  53031 Lab 2 12:00-3:00 pm TTh (1st half) Sci 3135 Carpenter, Soderberg Max 8

Chem 2322. Introduction to Research II. (1 cr; prereq 2321, coreq 2302, instr consent)
Students obtain a permission slip from a chemistry faculty member before registering.
  Lab 1 2:15-5:15 pm MW (2nd half) Sci 3135 Staff
  Lab 2 12:00-3:00 pm TTh (2nd half) Sci 3135 Staff

Chem 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
  Arranged

Chem 3111. Instrumental Analysis. (Sci-L; 4 cr; prereq 3101)
  Lec 1 10:00-11:05 am TTh Sci 3665 J. Goodnough
  54047 Lab 2 12:00-3:00 pm Thu + 3 hrs arr Sci 3040 J. Goodnough Max 8

Chem 3502. Physical Chemistry II. (Sci; 4 cr; prereq 3501, coreq 3511 or instr consent for chem majors)
  53033 1:00-2:05 pm MWF Sci 4655 Togeas Max 30

Chem 3511. Physical Chemistry Lab. (1 cr; coreq 3502)
  53491 2:15-5:15 pm Mon+arr Sci 3130 Togeas Max 12

Chem 3901. Chemistry Seminar I. (0.5 cr; prereq 2321; required of all chem majors; may not count toward chem minor)
  53753 4:00-5:05 pm Tue Sci 2200 Carpenter Max 40

Chem 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
  Arranged

Chem 4351. Bioorganic Chemistry. (Sci; 3 cr; prereq 2302, Biol 4211)
  53923 10:30-11:35 am MWF Sci 3655 Soderberg Max 25

Chem 4551. Theoretical Chemistry. (Sci; 3 cr; prereq 3502 or instr consent)
  72123 Arranged Togeas

Chem 4901. Chemistry Seminar II. (0.5 cr; prereq 3901; required of all chem majors; may not count toward chem minor)
  53773 4:00-5:00 pm Tue Sci 1020 Togeas Max 40
Chem 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged
CHINESE

Chn 1002. Beginning Modern Chinese II. (FL; 4 cr; prereq 1001 or instr consent)
53789  2:00-3:40 pm  TTh  Sci 2185  Gao  Max 25

Spring Semester 2011
## COMMUNICATION, MEDIA, AND RHETORIC

**CMR 1052. Introduction to Public Speaking.** (E/CR; 2 cr)
- 53865 Sec 1: 10:00-11:40 am TTh (1st half) HFA 18 Leroux Max 22
- 53867 Sec 2: 10:00-11:40 am TTh (2nd half) HFA 18 Leroux Max 22

**CMR 1101. Introduction to Theories of Communication, Media, and Rhetoric.** (Hum; 4 cr)
- 53297: 10:00-11:40 am TTh HFA 6 Bezanson, Burke Max 50

**CMR 1388. College Newspaper Experience.** (1 cr [max 2 cr]; prereq instr consent)
- 54051: Arranged Burke

**CMR 1389. College Radio Experience.** (1 cr [max 2 cr]; prereq instr consent)
- 54053: Arranged Burke

**CMR 2311. Media History and Society.** (SS; 4 cr)
- 72124: 9:15-10:20 am MWF HFA 23 Burke Max 25

**CMR 3111. Rhetorical Theory and Criticism in the 20th Century.** (Hum; 4 cr; prereq 1101 or instr consent)
- 72125: 2:00-3:40 pm TTh HFA 23 Leroux Max 25

**CMR 3251. Rhetorical Criticism and Free Speech Discourse.** (E/CR; 4 cr; prereq 1101 or instr consent)
- 72126: 12:00-1:40 pm TTh HFA 23 Bezanson Max 25

**CMR 3401. Communication Theory.** (SS; 4 cr; prereq 1101 or instr consent)
- 54055: 1:00-2:05 pm MWF HFA 23 Burke Max 25

**CMR 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

**CMR 4800. Directed Experience in Teaching Communication, Media, and Rhetoric.** (1-4 cr [max 8 cr]; prereq instr consent; S-N only)
- 53301: Arranged Bezanson

**CMR 4901. Communication, Media, and Rhetoric Seminar II.** (Hum; 3 cr; prereq 4900 or sr status in the major, instr consent; A-F only)
- 53869: Arranged Bezanson, Burke Max 15

**CMR 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

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COMPUTER SCIENCE

CSci 1201. Introduction to Digital Media Computation. (M/SR; 4 cr)
53815 1:00-2:05 pm MWF Sci 1020 Lamberty Max 30

CSci 1251. Computational Data Management and Manipulation. (M/SR; 4 cr; no elective cr for CSci majors or minors)
54059 2:15-3:20 pm MWF Sci 1030 McPhee Max 30

CSci 1302. Foundations of Computer Science. (M/SR; 4 cr)
53037 9:15-10:20 am MWF Sci 1030 Machkasova Max 35

CSci 1993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

CSci 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

CSci 3601. Software Design and Development. (M/SR; 5 cr; prereq 1302, 2101 or instr consent)
Lec 1 10:30-11:35 am MWF Sci 2185 Lamberty
53595 Lab 2 10:00-11:50 am Tue Sci 2610 Lamberty Max 24

CSci 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

CSci 4453. Systems: Database Systems. (M/SR; 4 cr; prereq 2101 or instr consent)
72127 11:45-12:50 pm MWF Sci 2185 McPhee Max 24

CSci 4657. Programming and Languages: Programming Languages for Client-Server Systems. (M/SR; 4 cr; prereq 3601 or instr consent)
73143 1:00-2:05 pm MWF Sci 2185 Machkasova Max 24

CSci 4901. Seminar II. (1 cr; prereq 2901, jr or sr; S-N only)
53611 4:00-4:50 pm Tue Sci 2185 Machkasova Max 16

CSci 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

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DANCE

Dnce 1321. Introduction to Modern Dance and Ballet. (ArtP; 1 cr [max 2 cr]; S-N only)
73107  4:00-5:30 pm  Thu  HFA 125  Ferrian  Max 25

Dnce 1334. Tap Dance I. (ArtP; 1 cr [max 2 cr]; prereq 1323 or instr consent)
73106  4:00-5:30 pm  Mon  HFA 125  Ferrian  Max 25
### ECONOMICS

**Econ 1111. Principles of Microeconomics.** (SS; 4 cr; prereq high school algebra or instr consent)
- 53617 Sec 1 1:00-2:05 pm MWF IH 111 Xiao Max 40

**Econ 1112. Principles of Macroeconomics.** (SS; 4 cr; prereq high school algebra or instr consent)
- 72648 Sec 1 2:15-3:20 pm MWF IH 111 Imai Max 40
- 53619 Sec 2 2:00-3:40 pm TTh IH 111 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)
- 53325 4:00-4:50 pm Tue IH 203 Lawrence Max 10

**Econ 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

**Econ 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

**Econ 3009. Political Economy.** (SS; 4 cr; prereq 1111, 1112 or instr consent)
- 74153 10:00-11:40 am TTh IH 217 Bina Max 30

**Econ 3113. Money, Banking, and Financial Markets.** (SS; 4 cr; prereq 1111, 1112 or instr consent)
- 72130 11:45-12:50 pm MWF IH 111 Imai Max 35

**Econ 3133. Economics of China.** (IP; 2 cr; prereq 1111, 1112)
- 54261 11:45-12:50 pm MWF (2nd half) IH 101 Xiao Max 30

**Econ 3134. Cooperative Business Model.** (SS; 2 cr; prereq 1111 or instr consent)
- 73420 1:00-2:05 pm MWF (1st half) IH 112 Finzel Max 15

**Econ 3202. Macroeconomic Theory.** (SS; 4 cr; prereq 1112, Math 1101 or instr consent)
- 53327 9:15-10:20 am MWF IH 112 Imai Max 35

**Econ 3211. History of Economic Thought I.** (Hist; 2 cr; prereq 1111, 1112)
- 72131 4:00-5:40 pm TTh (1st half) IH 113 Bina Max 30

**Econ 3501. Introduction to Econometrics.** (M/SR; 4 cr; prereq 3201 or 3202, Stat 1601)
- 53329 12:00-1:40 pm TTh IH 112 Lawrence Max 30

**Econ 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

**Econ 4101. Labor Economics I.** (Hdiv; 2 cr; prereq 3201 or instr consent)
- 72649 2:00-3:40 pm TTh (1st half) IH 203 Finzel Max 30

**Econ 4102. Labor Economics II.** (SS; 2 cr; prereq 3201 or instr consent)
- 72650 2:00-3:40 pm TTh (2nd half) IH 203 Finzel Max 30

_Spring Semester 2011_
Econ 4121. International Trade Theory. (SS; 2 cr; prereq 3201 or instr consent)
72132  1:00-2:05 pm  MWF (1st half)  IH 217  Kildegaard  Max 30

Econ 4131. International Finance. (SS; 2 cr; prereq 3202 or instr consent)
72133  1:00-2:05 pm  MWF (2nd half)  IH 217  Kildegaard  Max 30

Senior Research Seminar Continuation. (students register fall semester only; course runs all year):
    3:30-5:10 pm  Wed  IH 109

Econ 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
    Arranged

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EDUCATION

Ed 1012. Beginning Sign Language II. (FL; 3 cr; prereq 1011)
53741  6:00-8:30 pm  Mon  IH 101  Poore  Max 25

Ed 1993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Ed 2111. Tutor-Aide Practicum. (1 cr; coreq 2121; S-N only)
73480  Arranged  Page

Ed 2121. Introduction to Education. (SS; 3 cr; coreq 2111)
73479  8:00-9:40 am  TTh  HFA 6  Page  Max 45

Ed 2131. Foundations of Reading. (Hum; 2 cr)
73481  8:00-9:05 am  MW  MRC 205  Solvie  Max 35

Ed 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Ed 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Ed 4901. The Teacher and Professional Development. (1 cr; prereq ElEd or SeEd 4201 or 4204 or instr consent)
73483 Sec 1  Arranged  (2nd half)  Staff  Max 9
73484 Sec 2  Arranged  (2nd half)  Staff  Max 9
73485 Sec 3  Arranged  (2nd half)  Staff  Max 9
73486 Sec 4  Arranged  (2nd half)  Staff  Max 9
73487 Sec 5  Arranged  (2nd half)  Staff  Max 9

Ed 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

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Spring Semester 2011
EDUCATION, ELEMENTARY

**EIEd 3201. Preprimary Theory: Three-, Four-, and Five-Year-Olds in School.** (1 cr; prereq 3101, 3102, 3103, 3111; A-F only)
- 73488  2:00-3:40 pm  Tue (1st half)  MRC 205  Marxen  Max 40

**EIEd 3202. Middle Level Theory.** (1 cr; prereq 3101, 3102, 3103, 3111; A-F only)
- 73489  2:00-3:40 pm  Thu (1st half)  MRC 205  Rudney  Max 40

**EIEd 3203. Preprimary Methods: Curriculum and Instruction for Three-, Four-, and Five-Year Olds.** (3 cr prereq 3101, 3102, 3103, 3111; A-F only)
- 73490  12:00-1:40 pm  TTh  MRC 205  Marxen  Max 40

**EIEd 3211. Practicum II: Field Experience in a Preprimary Setting.** (1 cr; prereq 3101, 3102, 3103, 3111; S-N only)
- 53583  Arranged  Marxen

**EIEd 3212. Practicum II: Field Experience in a Middle Level Setting.** (1 cr; prereq 3101, 3102, 3103, 3111; S-N only)
- 53585  Arranged  Kuechle

**EIEd 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

**EIEd 4201. Directed Student Teaching in Primary and Intermediate Grades.** (HDiv; 12 cr; prereq 4101, 4102, 4103, 4104, 4111, 4112; S-N only)
- 73491 Sec 1  Arranged  Marxen
- 73492 Sec 2  Arranged  Bovre
- 73493 Sec 3  Arranged  (Non-Regional)  Marxen

**EIEd 4202. Directed Student Teaching in Primary and Intermediate Grades.** (1-16 cr; prereq instr consent; S-N only)
- 53501  Arranged  Solvie

**EIEd 4204. Directed Student Teaching in International School at the Primary and Intermediate Level.** (IP; 12 cr; prereq 4101, 4102, 4103, 4104, 4111, 4112)
- 73494  Arranged  Solvie

**EIEd 4205. Directed Student Teaching in the Elementary School.** (1-16 cr; prereq instr consent; A-F only)
- 53761  Arranged  Solvie

**EIEd 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

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EDUCATION, SECONDARY

**SeEd 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
  Arranged

**SeEd 4115. Advanced Content Reading.** (Hum; 2 cr; prereq 4105; A-F only)
  74141  Arranged  Page

**SeEd 4201. Directed Student Teaching in the Middle and Secondary School.** (HDiv; 12 cr; prereq 4102, 4103, 4104, 4105, methods, CMR 1042 or 1052; S-N only)
  53529 Sec 1  Arranged  Staff
  53495 Sec 2  Arranged  Staff
  73104 Sec 3  Arranged  Staff

**SeEd 4202. Directed Student Teaching in the Middle and Secondary School.** (1-16 cr; prereq instr consent; S-N only)
  54001  Arranged  Solvie

**SeEd 4204. Directed Student Teaching in International School at the Middle and Secondary Level.** (IP; 12 cr; prereq 4102, 4103, 4104, 4105, methods, CMR 1042 or 1052; S-N only)
  53487  Arranged  Solvie

**SeEd 4205. Directed Student Teaching in the Secondary School.** (1-16 cr; prereq instr consent; A-F only)
  53763  Arranged  Solvie

**SeEd 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
  Arranged

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<table>
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<th>Course Code</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
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<th>Instructor</th>
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<td>Engl 1002</td>
<td>53811</td>
<td>2:00-3:40 pm</td>
<td>TTh</td>
<td>Hum 5</td>
<td>Smith</td>
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<td>Hum 11</td>
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<td>MWF</td>
<td>Hum 11</td>
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<td>Hum 211</td>
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<td>73802</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 2190</td>
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*Spring Semester 2011*
**Engl 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

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ENVIROMENTAL SCIENCE

ESci 3196. Environmental Science Field Camp. (Sci; 2-4 cr; prereq jr status, department consent)
Arranged Staff

ESci 4902. Environmental Science Senior Seminar II. (1 cr; prereq 4901, instr consent; A-F only)
72138 Arranged Cotter

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### ENVIRONMENTAL STUDIES

**EnSt 1101. Environmental Problems and Policy.** (Envt; 4 cr)
53929 10:00-11:40 am TTh Sci 1030 Mumford Max 40

**EnSt 3996. Internship/Field Experience in Environmental Studies.** (2-4 cr [max 4 cr]; prereq jr status or instr consent, approved internship proposal; S-N only)
Arranged Staff

**EnSt 4901. Senior Capstone Experience.** (4 cr; prereq 3996, sr status or instr consent; A-F only)
54085 8:00-9:40 am TTh IH 217 Kildegaard Max 20

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### FRENCH

**Fren 1002. Beginning French II.** (FL; 4 cr; prereq 1001 or placement or instr consent)
- 53151 Sec 1: 2:15-3:20 pm MWF Hum 11 Buchanan Max 25
- 54233 Sec 2: 3:30-4:35 pm MWF Hum 11 Buchanan Max 25

**Fren 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

**Fren 2002. Intermediate French II.** (IP; 4 cr; prereq 2001 or placement or instr consent)
- 53153: 9:15-10:20 am MWF Hum 211 Buchanan Max 25

**Fren 2011. Introduction to French Phonetics.** (Hum; 4 cr; open to all students of French)
- 54087: 2:00-3:40 pm TTh IH 112 Martin Max 15

**Fren 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

**Fren 3011. Reading and Analysis of Texts.** (Hum; 4 cr; prereq 3001 or instr consent)
- 53549: 1:00-2:05 pm MWF Hum 211 Berberi Max 15

**Fren 3044. Francophone Studies: L’Amerique Francophone.** (Hum; 4 cr; prereq or coreq 3011 or instr consent)
- 72139: 10:00-11:40 am TTh Hum 12 Berberi Max 15

**Fren 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

**Fren 4901. Senior Seminar.** (4 cr; prereq completion of 32 cr toward the French major; must be taken on campus)
- 53695: 4:00-5:40 pm TTh Hum 12 Martin Max 15

**Fren 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

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GENDER, WOMEN, AND SEXUALITY STUDIES
The following requirements or elective courses outside of the GWSS discipline are offered Spring 2011.

GWSS 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

GWSS 4901. Assessment of Student Learning in Gender, Women, and Sexuality Studies. (1 cr; prereq completion of 32 cr in women’s studies; S-N only)
54095 Arranged Rothchild

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GEOGRAPHY

Geog 3501. Geographic Information Systems. (Envt; 4 cr; prereq any 1xxx course in social or natural sciences)

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<th>Days</th>
<th>Room</th>
<th>Instructor</th>
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## GEOLOGY

### Geol 1001. Environmental Geology: Geology in Daily Life. (Sci; 4 cr; may not count toward geol major or minor)
- **Class Code:** 53041
- **Time:** 11:45-12:50 pm
- **Location:** MWF Sci 2950
- **Instructor:** Cotter
- **Max Limit:** 275

### Geol 1101. Physical Geology. (Sci-L; 4 cr)
- **Lec 1**
  - **Class Code:** 53045
  - **Time:** 11:45-12:50 pm
  - **Location:** MWF Sci 3650
  - **Instructor:** Brugger
- **Lab 2**
  - **Class Code:** 53047
  - **Time:** 1:30-4:30 pm
  - **Location:** Mon Sci 1650
  - **Instructor:** Brugger
  - **Max Limit:** 24
- **Lab 3**
  - **Class Code:** 53047
  - **Time:** 10:00-1:00 pm
  - **Location:** Tue Sci 1650
  - **Instructor:** Brugger
  - **Max Limit:** 24

### Geol 1993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
- **Class Code:** Arranged

### Geol 2111. Igneous and Metamorphic Petrology. (Sci-L; 4 cr; prereq 2101)
- **Lec 1**
  - **Class Code:** 53993
  - **Time:** 11:45-12:50 pm
  - **Location:** MWF Sci 3665
  - **Instructor:** Gilbertson
- **Lab 2**
  - **Class Code:** 53993
  - **Time:** 2:15-5:15 pm
  - **Location:** Mon Sci 1510
  - **Instructor:** Gilbertson
  - **Max Limit:** 20

### Geol 2141. Glacial and Quaternary Geology. (Sci; 4 cr; prereq 1101)
- **Lec 1**
  - **Class Code:** 72141
  - **Time:** 12:00-1:40 pm
  - **Location:** TTh Sci 3665
  - **Instructor:** Cotter
- **Lab 2**
  - **Class Code:** 72141
  - **Time:** 2:15-5:50 pm
  - **Location:** Fri Room TBA
  - **Instructor:** Cotter
  - **Max Limit:** 20

### Geol 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
- **Class Code:** Arranged

### Geol 3011. Earth Resources. (Envt; 4 cr; prereq any 1xxx or 2xxx Geol course or instr consent)
- **Class Code:** 72142
- **Time:** 9:15-10:20 am
- **Location:** MWF Sci 4655
- **Instructor:** Gilbertson
  - **Max Limit:** 20

### Geol 3101. Structural Geology. (Sci-L; 4 cr; prereq 2111 or instr consent)
- **Class Code:** 53963
- **Time:** 2:00-5:00 pm
- **Location:** TTh Sci 1515
- **Instructor:** Brugger
  - **Max Limit:** 12

### Geol 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
- **Class Code:** Arranged

### Geol 4902. Geology Senior Seminar Presentations. (1 cr; prereq instr consent; required for geol major)
- **Class Code:** 53057
  - **Instructor:** Cotter

### Geol 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
- **Class Code:** Arranged

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GERMAN

Ger 1002. Beginning German II. (FL; 4 cr; prereq 1001 or placement or instr consent)
53157  11:45-12:50 pm  MWF  Sci 2190  Foteva  Max 25

Ger 1993. Directed Study. (1-5 cr per semester [max 10 cr]; prereq approved directed study form)
Arranged

Ger 2002. Intermediate German II: German Culture and Civilization. (IP; 4 cr; prereq 2001 or instr consent)
53159  2:15-3:20 pm  MWF  Hum 205  Foteva  Max 25

Ger 2993. Directed Study. (1-5 cr per semester [max 10 cr]; prereq approved directed study form)
Arranged

Ger 3102. Survey of German Literature and Culture II. (Hum; 4 cr; prereq 3011 or instr consent)
72143  2:00-3:40 pm  TTh  Hum 12  Foteva  Max 25

Ger 3993. Directed Study. (1-5 cr per semester [max 10 cr]; prereq approved directed study form)
Arranged

Ger 4901. Senior Project. (1-5 cr [max 10 cr]; prereq 3011 or instr consent)
53163  Arranged  Foteva

Ger 4993. Directed Study. (1-5 cr per semester [max 10 cr]; prereq approved directed study form)
Arranged

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**HISTORY**

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<th>Course Code</th>
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*Spring Semester 2011*
Hist 4120. Tutorial in History. (4 cr; no credit for 4110 until 4120 completed [max 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.)
   Arranged

Hist 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
   Arranged

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HUMANITIES

Hum 1993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Hum 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Hum 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Hum 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged
### INTERDISCIPLINARY STUDIES

**IS 1061. Mastering Skills for College Success.** (2 cr; prereq instr consent; S-N only)
- **54237** 1:00-2:05 pm MWF (1st half) Sci 2190 Schewe 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; arrangements must be made by contacting 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)
- **53097** Arranged Hardy

**IS 1091. Ethical and Social Implications of Technology.** (E/CR; 2 cr)
- **53489** 3:00-3:50 pm TTh Sci 1030 McPhee Max 24

**IS 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

**IS 2011. English Language Teaching Assistant Program.** (IP; 6-13 cr; credit will not be granted if credit has been received for: IS 3011; S-N only)
- **53541** Arranged Solvie

**IS 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

**IS 3011. English Language Teaching Assistant Program for Majors.** (IP; 6-13 cr; credit will not be granted if credit has been received for: IS 2011; prereq jr status, instr consent)
- **53819** Arranged Solvie

**IS 3217H. Honors: The Trial of Galileo.** (Hist; 2 cr; prereq participation in Honors Program or instr consent)
- **72305** 3:30-5:10 pm Wed IH 113 J. Deane, Togeas Max 18

**IS 3235H. Honors: Politics and Film.** (Hum; 2 cr; prereq participation in Honors Program or instr consent)
- **74004** 7:00-9:00 pm Tue IH 112 O'Loughlin, Blodgett Max 18

**IS 3705. Peer Tutoring Theory.** (SS; 3 cr; prereq instr consent)
- **54241** Arranged Schewe Max 10

**IS 3710. Peer Tutoring in College.** (1 cr [max 3 cr]; prereq 3705)
- **54239** Arranged Schewe Max 10

**IS 3720. Tutoring Writing Across the Disciplines.** (1-2 cr [max 6 cr]; prereq Engl 1011 or equiv, soph standing, #; coreq Engl 3005 for students in their first semester at the Writing Room; S-N only)
- **53797** Arranged Turk

**IS 3796. Interdisciplinary Internship in the Helping Professions.** (1-16 cr [max 32 cr]; prereq IS 4101, approved internship form; Psy 4101 recommended.)
- Arranged

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

**IS 3810. Practicum in the Humanities.** (1-2 cr [max 4 cr]; prereq instr consent; S-N only)(Students need to request a permission slip from the Humanities Division Office before registering.)
- Arranged

*Spring Semester 2011*
IS 3893. Prior Learning Directed Study. (1-4 cr [max 10 cr]; prereq approved directed study form)  
Arranged

IS 3896. Prior Learning Internship. (1-16 cr [max 32 cr]; prereq approved Internship Form; S-N only)  
Arranged

IS 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)  
Arranged

IS 3996. Interdisciplinary Internship. (1-16 cr [max 32 cr]; prereq approved Internship Form; S-N only)  
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)  
53553 9:15-10:20 am MWF(1st half) IH 111 Joos Max 30

IS 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)  
Arranged

IS 4994H. Senior Honors Project. (1-4 cr [max 8 cr]; prereq approved Honors project form, participation in Honors Program)  
Arranged

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### ITALIAN

**Ital 1302. Beginning Italian II.** (FL; 4 cr; prereq 1301 or placement or instr consent)  
53661  11:45-12:50 pm  MWF  Hum 111  Berberi  Max 25

**Ital 1311. Modern Italy through Literature and Film.** (Hum; 4 cr)  
72152  2:00-3:40 pm  TTh  Hum 111  Berberi  Max 25

**Ital 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)  
Arranged  Staff

**Ital 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)  
Arranged  Staff

**Ital 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)  
Arranged  Staff

**Ital 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)  
Arranged  Staff
FOREIGN LANGUAGES AND LITERATURES

**Lang 1061. Writing in the American University.** (3 cr [max 6 cr]; prereq non-native speaker of English, instr consent)

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<th>Location</th>
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<td>Sci 2185</td>
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<td>Hum 111</td>
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**Lang 1062. Reading in the American University.** (1 cr; [max 2 cr]; prereq non-native speaker of English, instr consent; S-N only)

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<td>74478</td>
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<td>Hum 211</td>
<td>Gao</td>
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**Lang 1063. Academic Culture and Oral Skills in the American University.** (2 cr; [max 4 cr]; prereq non-native speaker of English, instr consent; S-N only)

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<tr>
<td>Lec 1</td>
<td>10:00-11:05 am</td>
<td>Tue</td>
<td>Hum 111</td>
<td>Schamp</td>
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<tr>
<td>74477</td>
<td>10:00-11:35 am</td>
<td>Thu</td>
<td>Hum 111</td>
<td>Schamp</td>
<td>20</td>
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</tbody>
</table>
LATIN AMERICAN AREA STUDIES
The following requirements or elective courses outside of the LAAS discipline are offered Spring 2011. Anth 3602, Anth 3603, Hist 1601, Soc 3602, Span 3002, Span 3101, Span 3212, Span 36xx, Span 4001

LAAS 1993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
   Arranged                      Staff

LAAS 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
   Arranged                      Staff

LAAS 3100. Contemporary Latin America. (1 cr [max 8 cr]; prereq LAAS major; to be repeated each sem a student is in residence; only 4 cr may apply to LAAS major)
   53111  Arranged                 Kildegaard

LAAS 3201. Bibliographical Tools and Journals in Latin American Area Studies. (1 cr; prereq LAAS major)
   72153  Arranged                 Hinds

LAAS 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
   Arranged                      Staff

LAAS 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
   Arranged                      Staff

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MANAGEMENT

Mgmt 1993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form) 
   Arranged

Mgmt 2102. Principles of Accounting II. (2 cr; prereq 2101) 
   53337 Sec 1 12:00-1:40 pm TTh (1st half) Sci 2190 Gausman Max 40
   53899 Sec 2 10:00-11:40 am TTh (1st half) IH 101 Gausman Max 40

Mgmt 2800. Rural Entrepreneurship Practicum. (1 cr [max 5]; prereq instr consent; S-N only) 
   75230 Arranged Kildegaard

Mgmt 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form) 
   Arranged

Mgmt 3134. Cooperative Business Model. (SS; 2 cr; =Econ 3134; prereq Econ 1111 or instr consent) 
   73421 1:00-2:05 pm MWF (1st half) IH 112 Finzel Max 15

Mgmt 3141. Business Law I. (SS; 2 cr; prereq 2101 or instr consent) 
   73141 12:00-1:40 pm TTh (1st half) Sci 3650 Economou Max 30

Mgmt 3142. Business Law II. (SS; 2 cr; prereq 2101 or instr consent) 
   73142 12:00-1:40 pm TTh (2nd half) Sci 3650 Economou Max 30

Mgmt 3151. Human Resource Management I. (E/C; 2 cr; prereq 2101 or instr consent) 
   73184 8:00-9:40 am TTh (1st half) IH 114 Deger Max 30

Mgmt 3152. Human Resource Management II. (Hdiv; 2 cr; prereq 2101 or instr consent) 
   73185 8:00-9:40 am TTh (2nd half) IH 114 Deger Max 30

Mgmt 3201. Marketing Principles and Strategies. (SS; 4 cr; prereq 2102, Stat 1601 or instr consent) 
   73568 2:00-3:40 pm TTh IH 109 Gausman Max 30

Mgmt 3503. Consumer Psychology. (SS; 2 cr; =Psy 3503; prereq Stat 1601 or Stat 2601 or instr consent) 
   Canceled – 04/21/2010

Mgmt 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form) 
   Arranged

Mgmt 4101. Investment and Portfolio Analysis. (SS; 4 cr; prereq 2101, 2102, 3101) 
   53621 2:15-3:20 pm MWF IH 112 Xiao Max 30

Mgmt 4896. Internship. (1-4 cr [max 4 cr]; prereq 2102, instr consent; 2 cr may be applied toward major or minor; S-N only) 
   Arranged Lawrence

Mgmt 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form) 
   Arranged

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Spring Semester 2011
MATHEMATICS

Math 1001. Survey of Math. (M/SR; 4 cr; prereq 2 yrs high school math)
53061  4:20-6:00 pm  TTh  Sci 2190  Kehoe  Max 35

Math 1012. PreCalculus I: Functions. (4 cr; prereq placement)
54119  2:15-3:20 pm  MWF  Sci 3610  Falkner  Max 35

Math 1013. PreCalculus II: Trigonometry. (M/SR; 2 cr; prereq placement)
54121  9:00-9:50 am  TTh  Sci 1030  Roberts  Max 35

Math 1021. Survey of Calculus. (M/SR; 4 cr; prereq 1012 or placement)
72155  3:30-4:35 pm  MWF  Sci 3650  Roberts  Max 35

Math 1101. Calculus I. (M/SR; 5 cr; prereq 1012, 1013 or placement)
53063 Sec 1  10:30-11:35 am  MWF  Sci 3510  McQuarrie  Max 35
10:00-11:40 am  Tue
53065 Sec 2  2:15-3:20 pm  MWF  Sci 3510  D'Ambroise  Max 35
2:00-3:40 pm  Tue
75117 Sec 3  3:30-4:35 pm  MWF  Sci 3510  McQuarrie  Max 35
2:00-3:40 pm  Thu

Math 1102. Calculus II. (M/SR; 5 cr; prereq 1101)
53067 Sec 1  9:15-10:20 am  MWF  Sci 3510  D'Ambroise  Max 35
8:00-9:40 am  Tue
53069 Sec 2  1:00-2:05 pm  MWF  Sci 3510  O'Reilly  Max 35
12:00-1:40 pm  Tue

Math 1993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Math 2101. Calculus III. (M/SR; 4 cr; prereq 1102 or instr consent)
73795  11:45-12:50 pm  MWF  Sci 3610  D'Ambroise  Max 30

Math 2111. Linear Algebra. (M/SR; 4 cr; prereq 1101 or instr consent)
53075  9:15-10:20 am  MWF  Sci 3650  Ng  Max 30

Math 2202. Mathematical Perspectives. (M/SR; 4 cr; prereq 1101)
53623  2:15-3:20 pm  MWF  Sci 2200  Roberts  Max 30

Math 2993. Directed Study. (1-5 cr [max 25 cr]; prereq approved directed study form)
Arranged

Math 3231. Abstract Algebra I. (M/SR; 4 cr; prereq 2111, 2202 or instr consent)
53625  3:30-4:35 pm  MWF  Sci 1030  O'Reilly  Max 30

Math 3401. Operations Research. (M/SR; 4 cr; prereq 1100 or higher or instr consent)
72156  4:40-6:40 pm  Mon  Sci 4655  Ng  Max 30
4:40-6:00 pm  Wed

Math 3993. Directed Study. (1-5 cr [max 25 cr]; prereq approved directed study form)
Arranged

Math 4231. Abstract Algebra II. (M/SR; 2 cr; prereq 3231 or instr consent)
72157  Arranged  O'Reilly  Max 30

Spring Semester 2011
Math 4993. Directed Study. (1-5 cr [max 25 cr]; prereq approved directed study form)  
Arranged

MUSIC

**Mus 0100. Concert Attendance.** (0 cr; repeatable 7 times; prereq major or minor; S-N only)  
<table>
<thead>
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<tbody>
<tr>
<td>53167</td>
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<td>R. Richards</td>
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</table>

**Mus 1041. Introduction to Music.** (FA; 4 cr)  
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<th>Notes</th>
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<tbody>
<tr>
<td>53725</td>
<td>9:15-10:20 am MWF</td>
<td>HFA 185</td>
<td>Hodgson Max 50</td>
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**Mus 1042. Fundamentals of Music.** (FA; 4 cr)  
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<th>Notes</th>
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<tbody>
<tr>
<td>54223</td>
<td>2:00-3:40 pm TTh</td>
<td>HFA 185</td>
<td>D. Odello Max 30</td>
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</tbody>
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**Mus 1044. Class Piano.** (ArtP; 1 cr; special fee required)  
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<th>Course</th>
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<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>53169 Sec 1</td>
<td>12:00-12:50 pm Tue</td>
<td>HFA 175</td>
<td>DuHamel Max 9</td>
</tr>
<tr>
<td>53171 Sec 2</td>
<td>1:00-1:50 pm Tue</td>
<td>HFA 175</td>
<td>DuHamel Max 9</td>
</tr>
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**Mus 1045. Class Guitar.** (ArtP; 1 cr; special fee required)  
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<tr>
<td>53669</td>
<td>2:00-3:00 pm Tue</td>
<td>HFA 170</td>
<td>Flegel Max 12</td>
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**Mus 1050. Accompanying.** (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)  
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<th>Course</th>
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<tbody>
<tr>
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</table>

**Mus 1070. Instrumental Chamber Ensemble.** (ArtP; 1 cr [max 8 cr]; prereq instr consent)  
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</thead>
<tbody>
<tr>
<td>53183</td>
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</table>

**Mus 1080. Jazz Combo.** (ArtP; 1 cr [max 8 cr]; prereq instr consent)  
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<th>Notes</th>
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<tbody>
<tr>
<td>53185</td>
<td>6:00-7:00 pm Tue</td>
<td>HFA 180</td>
<td>J. Carucci</td>
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</table>

**Mus 1090. Vocal Chamber Ensemble.** (ArtP; 1 cr [max 8 cr]; prereq instr consent)  
<table>
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<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>53187</td>
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</table>

**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)  
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>53477</td>
<td>11:45-12:50 pm MWF</td>
<td>HFA 185</td>
<td>R. Richards Max 30</td>
</tr>
</tbody>
</table>

**Mus 1200-1223. Individual Performance Studies.** (ArtP; 1 cr per sem for each [max 8 cr per instrument]; prereq instr consent; special fee required)  
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>53189 Sec 1</td>
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<td>DuHamel</td>
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<tr>
<td>53505 Sec 2</td>
<td>Arranged</td>
<td>J. Richards</td>
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</tr>
<tr>
<td>53507 Sec 3</td>
<td>Arranged</td>
<td>Helder</td>
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<tr>
<td>53509 Sec 4</td>
<td>Arranged</td>
<td>Klemetson</td>
<td></td>
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<tr>
<td>54251 Sec 5</td>
<td>Arranged</td>
<td>Morken</td>
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<tr>
<td>74864 Sec 6</td>
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**Mus 1201. Piano Accompanying**  
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<th>Notes</th>
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<tbody>
<tr>
<td>53191</td>
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</table>

**Mus 1202. Organ**  
<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>53193</td>
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<td>Morken</td>
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</table>

**Mus 1203. Harpsichord**  
<table>
<thead>
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<tbody>
<tr>
<td>53195</td>
<td>Arranged</td>
<td>DuHamel</td>
<td></td>
</tr>
</tbody>
</table>
Mus 1204. Voice
53197 Sec 1  Arranged  Hanson
53511 Sec 2  Arranged  DeJong
53513 Sec 3  Arranged  Hodgson
53515 Sec 4  Arranged  K. Miller

Mus 1205. Violin
53199  Arranged  Salvo

Mus 1206. Viola
53201  Arranged  Salvo

Mus 1207. Cello
53203  Arranged  Salvo

Mus 1208. Double Bass
53205  Arranged  Salvo

Mus 1209. Flute
53207  Arranged  J. Richards

Mus 1210. Oboe
53209  Arranged  D. Odello

Mus 1211. Clarinet
53211  Arranged  Seggelke

Mus 1212. Saxophone
53213  Arranged  J. Carucci

Mus 1213. Bassoon
53215  Arranged  C. Carucci

Mus 1214. Trumpet
53217  Arranged  Rossmiller

Mus 1215. French Horn
53219  Arranged  Schwagerl

Mus 1216. Trombone
53221  Arranged  Varpness

Mus 1217. Baritone
53223  Arranged  Varpness

Mus 1218. Tuba
53225  Arranged  M. Odello

Mus 1219. Percussion
53227  Arranged  Svendsen

Mus 1220. Recorder
53535  Arranged  J. Richards

Mus 1221. Guitar
53645  Arranged  Flegel

Mus 1222. Electric Bass
53647  Arranged  Flegel

Mus 1223. Composition
53853 Sec 1  Arranged  Hodgson
74812 Sec 2  Arranged  J. Carucci

Mus 1300. UMM Symphonic Winds. (ArtP; 1 cr [max 8 cr])
53229  3:30-4:50 pm  MWF  HFA 180  Seggelke
53231  3:45-4:50 pm  TTh  HFA 180

Mus 1310. University Choir. (ArtP; 1 cr [max 8 cr])
53231  1:00-2:05 pm  MWF  HFA 170  Hanson

Mus 1320. Concert Choir. (ArtP; 1 cr [max 8 cr]; prereq instr consent)
53223  5:00-6:00 pm  M-F  HFA 170  Hodgson

Mus 1330. Jazz Ensemble. (ArtP; 1 cr [max 8 cr])
53175 Sec 1  11:45-12:50 pm  MWF  HFA 180  J. Carucci
53177 Sec 2  12:00-12:50 pm  TTh  HFA 180  J. Carucci
### Mus 1360. Concert Choir Tour
(0.5 cr; coreq 1320, instr consent; a program fee is attached to this course to cover the expenses of the concert tour; S-N only)
- **54279** Arranged Hodgson

### Mus 1370. String Orchestra
(Art; 1 cr [max 8 cr]; A-F only)
- **73278** 6:30-8:00 pm Mon HFA 170 Salvo

### Mus 1401. English, Italian, German, and French Diction for Singers
(ArtP; 1 cr; A-F only)
- **72158** 9:15-10:20 am MWF (1st half) HFA 175 Hanson Max 30

### 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)
- **53235** 2:15-3:20 pm MWF HFA 185 R. Richards Max 30

### Mus 3200-3223. Advanced Individual Performance Studies
(ArtP; 1 cr per sem for each [max 8 cr per instrument]; prereq instr consent)
#### Mus 3200. Piano
- **53237** Sec 1 Arranged DuHamel
- **53517** Sec 2 Arranged Klemetson
- **53519** Sec 3 Arranged Helder

#### Mus 3201. Piano Accompanying
- **53329** Arranged DuHamel

#### Mus 3202. Organ
- **53479** Arranged Morken

#### Mus 3203. Harpsichord
- **53241** Arranged DuHamel

#### Mus 3204. Voice
- **53243** Sec 1 Arranged Hanson
- **53251** Sec 2 Arranged DeJong
- **53253** Sec 3 Arranged Hodgson
- **53255** Sec 4 Arranged K. Miller

#### Mus 3205. Violin
- **53245** Arranged Salvo

#### Mus 3206. Viola
- **53247** Arranged Salvo

#### Mus 3207. Cello
- **53249** Arranged Salvo

#### Mus 3208. Double Bass
- **53251** Arranged Salvo

#### Mus 3209. Flute
- **53253** Arranged J. Richards

#### Mus 3210. Oboe
- **53255** Arranged D. Odello

#### Mus 3211. Clarinet
- **53257** Arranged Seggelke

#### Mus 3212. Saxophone
- **53259** Arranged J. Carucci

#### Mus 3213. Bassoon
- **53261** Arranged C. Carucci

#### Mus 3214. Trumpet
- **53263** Arranged Rossmiller

#### Mus 3215. French Horn
- **53265** Arranged Schwagerl

#### Mus 3216. Trombone
- **53267** Arranged Varpness

#### Mus 3217. Baritone
- **53269** Arranged Varpness

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*Spring Semester 2011*
Mus 3218. Tuba
53271 Arranged M. Odello

Mus 3219. Percussion
53273 Arranged Svendsen

Mus 3220. Recorder
53537 Arranged J. Richards

Mus 3221. Guitar
53683 Arranged Flegel

Mus 3222. Electric Bass
53685 Arranged Flegel

Mus 3223. Composition
53855 Sec 1 Arranged Hodgson
74813 Sec 2 Arranged J. Carucci

Mus 3301. Instrumental Techniques: Woodwind. (1 cr; prereq major or minor or instr consent)
53885 9:15-10:20 am MWF (2nd half) HFA 180 J. Carucci Max 30

Mus 3321. Instrumental Conducting and Materials. (2 cr; prereq 3311, major or minor or instr consent)
53799 1:00-2:05 pm MWF(1st half) HFA 180 Seggelke Max 30

Mus 3331. Choral Conducting and Materials. (2 cr; prereq 3311, major or minor or instr consent)
53801 1:00-2:05 pm MWF(2nd half) HFA 185 Hodgson Max 30

Mus 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Mus 4103. Seminar: Topics in Music History. (1102, major or minor or instr consent)
74002 10:00-11:40 am TTh HFA 185 D. Odello Max 30

Mus 4901. Senior Project. (1 cr; prereq major, instr consent; S-N only)
53277 Arranged Hodgson

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PHILOSOPHY

Phil 1993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Phil 2111. Introductory Ethics. (Hum; 4 cr)
72159 Sec 1 11:45-12:50 pm MWF Hum 5 Demetriou Max 25
72160 Sec 2 1:00-2:05 pm MWF Hum 5 Demetriou Max 25

Phil 2121. Philosophy of Religion. (Hum; 4 cr)
72161 10:30-11:35 am MWF IH 114 Lemke Max 25

Phil 2151. Philosophy of Mind. (Hum; 4 cr)
72162 10:00-11:40 am TTh IH 114 Collier Max 25

Phil 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Phil 3121. Political Philosophy. (SS; 4 cr; prereq 1101 or 2101 or 2111 or instr consent)
72163 9:15-10:20 am MWF Sci 2185 Demetriou Max 25

Phil 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Phil 4000. History of Philosophy Seminar. (Hist; 4 cr [max 8 cr]; prereq 1101 or 2101 or 2111 or instr consent)
72164 2:00-3:40 pm TTh IH 202 Collier Max 25

Phil 4002. Existentialism. (Hist; 4 cr; prereq any 1xxx or 2xxx or instr consent)
73369 12:00-1:40 pm TTh Hum 211 Lemke Max 25

Phil 4121. Philosophy of Language. (Hum; 4 cr; prereq 2101 or instr consent)
Canceled – 04/01/2010

Phil 4901. Senior Philosophical Defense. (2 cr; prereq phil major)
54141 Sec 1 Arranged Collier
72166 Sec 2 Arranged Demetriou
72167 Sec 3 Arranged Lemke

Phil 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

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Spring Semester 2011
# PHYSICS

**Phys 1053. Introduction to Stars, Galaxies, and Cosmology.** (Sci; 4 cr)
- 53705 8:00-9:05 am MWF Sci 2190 McIntosh Max 50

**Phys 1092. Principles of Physics II.** (Sci-L; 5 cr; prereq 1091)
- Lec 1 10:30-11:35 am MWF Sci 2200 Falkner
- 53709 Lab 2 8:00-10:00 am Thu Sci 4550 Falkner 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
- 53085 Lab 2 2:15-4:15 pm Mon Sci 4550 Boyd Max 20
- 53087 Lab 3 8:00-10:00 am Tue Sci 4550 Falkner Max 20
- 53089 Lab 4 2:00-4:00 pm Tue Sci 4550 McIntosh Max 20
- 54355 Lab 5 2:15-4:15 pm Wed Sci 4550 Boyd Max 20
- 75143 Lab 6 11:00-1:00 pm Tue Sci 4550 Boyd Max 20

**Phys 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

**Phys 2101. Modern Physics.** (Sci-L; 5 cr; prereq 1102, Math 2401 or instr consent)
- Lec 1 1:00-2:05 pm MWF Sci 3650 McIntosh
- 53093 Lab 2 8:00-11:00 am Tue Sci 4650 McIntosh Max 12
- 72181 Lab 3 2:00-5:00 pm Tue Sci 4650 McIntosh 
  [tentative lab]

**Phys 2201. Circuits and Electronic Devices.** (Sci-L; 4 cr; prereq 1102 or instr consent)
- 72168 2:00-5:00 pm TTh Sci 4610 Keeler Max 14

**Phys 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

**Phys 3002. Biological and Medical Physics.** (Sci; 4 cr; prereq 1101, 1102; 2101 recommended)
- 72169 1:00-2:05 pm MWF Sci 3665 Keeler Max 20

**Phys 3501. Statistical Physics.** (Sci; 4 cr; prereq 2101)
- 72170 8:00-9:05 am MWF Sci 3655 Boyd Max 20

**Phys 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

**Senior Thesis Continuation.** (students register fall semester only; course runs all year)
- 5:00-5:50 pm Tue Sci 3665

**Phys 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

*Spring Semester 2011*
POLITICAL SCIENCE

Pol 1201. American Government and Politics. (E/CR; 4 cr)
54225  10:00-11:40 am  TTh  IH 109  Rose  Max 75

Pol 1993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Pol 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Pol 3272. Making Environmental Public Policy. (Envt; 4 cr; prereq 1101 or 1201 or 1401)
74155  2:00-3:40 pm  TTh  Sci 2190  Rose  Max 30

Pol 3411. International Law. (E/CR; 4 cr; prereq 1401 or instr consent)
72172  2:00-3:40 pm  TTh  IH 113  Joo  Max 30

Pol 3503. Women in Politics Worldwide. (IP; 4 cr; prereq 1201 or instr consent)
Canceled – 10/05/2010

Pol 3504. Latin American Politics. (IP; 4 cr; prereq 1301 or instr consent)
74156  3:30-5:10 pm  MW  IH 112  Rose  Max 30

Pol 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

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

Pol 4452. International Relations. (IP; 4 cr; prereq 1401, 2001 or instr consent)
72174  10:00-11:40 am  TTh  IH 202  Joo  Max 30

Pol 4905. Senior Research Seminar in Political Science. (SS; 4 cr; prereq 2001, Stat 1601 or Stat 2601, at least one Pol 4xxx course)
54157  4:00-5:40 pm  Tue  IH 101  O'Loughlin  Max 30

Pol 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

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## PSYCHOLOGY

### Psy 1051. Introduction to Psychology. (SS; 4 cr)
- **73514**  9:15-10:20 am  MWF  IH 109  C. Stewart  Max 75

### Psy 1061. Introduction to the Development of the Child and Adolescent. (SS; 4 cr; prereq 1051 or instr consent)
- **53345**  10:00-11:40 am  TTh  Sci 2190  Benson  Max 50

### Psy 1993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

### Psy 2001. Research Methods in Psychology. (SS; 4 cr; prereq 1051, Stat 1601 or Stat 2601 or instr consent)
- **53713 Sec 1**  11:45-12:50 pm  MWF  IH 113  C. Stewart  Max 20
- **53891 Sec 2**  1:00-2:05 pm  MWF  IH 113  Johnson  Max 20

### Psy 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged

### Psy 3112. Cognition. (SS; 4 cr; prereq 2001 or instr consent)
- **53347**  9:15-10:20 am  MWF  IH 101  Johnson  Max 24

### Psy 3201. Comparative Psychology. (Sci-L; 4 cr; prereq [1051, 2001] or Biol 2111)
- **53781**  2:15-3:20 pm  MWF  IH 113  Meek  Max 24

### Psy 3221. Behavioral Biology of Women. (Sci; 2 cr; prereq 3211 or Biol 2111 or instr consent)
- Canceled – 10/05/2010

### Psy 3313. Psychopathology. (SS; 4 cr; prereq 1051 or instr consent)
- Canceled – 10/28/2010

### Psy 3401. Developmental Psychology I: Child Psychology. (SS; 4 cr prereq 1051 or instr consent)
- **53895**  1:00-2:05 pm  MWF  IH 109  Benson  Max 30

### Psy 3402. Developmental Psychology II: Adolescence. (SS; 2 cr; prereq 1051 or instr consent)
- **53557**  2:00-3:40 pm  TTh(1st half)  Sci 3650  Benson  Max 30

### Psy 3501. Social Psychology. (SS; 4 cr; prereq 1051 or Soc 1101 or instr consent)
- **73564**  10:00-11:40 am  TTh  IH 112  D. Stewart  Max 30

### Psy 3502. Psychology and Law.
- Canceled – 04/21/2010

### Psy 3503. Consumer Psychology. (SS; 2 cr; =Mgmt 3503; prereq Stat 1601 or Stat 2601 or instr consent)
- Canceled – 04/21/2010

### Psy 3504. Educational Psychology. (SS; 4 cr; prereq 1051)
- **43964**  12:00-1:40 pm  TTh  IH 101  C. Stewart  Max 30

### Psy 3521. Health Psychology. (SS; 4 cr; prereq 1051)
- **53671**  2:00-3:40 pm  TTh  IH 101  Ratliff-Crain  Max 30

### Psy 3611. History and Philosophy of Psychology. (Hist; 4 cr; prereq 1051)
- **54195**  10:30-11:35 am  MWF  IH 101  Meek  Max 20

### Psy 3800. Research Practicum. (1-6 cr [max 6 cr]; prereq instr consent)
- Arranged  Staff
Psy 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Psy 4101. Helping Relationships. (SS; 4 cr; prereq 3302 or 3313)
53349 12:00-1:40 pm TTh Hum 111 Stefanek Max 20

Psy 4896. Field Experiences In Psychology. (SS [if taken for 2 or more cr]; 1-4 cr [max 4 cr]; prereq instr consent, which normally requires 4101, IS 4101, other courses appropriate to field experience; only 4 cr may be applied toward the BA or Psy major; S-N only)
Arranged

Psy 4910. Advanced Seminar in Cognitive Psychology. (SS; 4 cr; =[Psy 4710]; prereq 2001, 3111 or 3112, sr status, instr consent; A-F only)
54189 4:00-5:40 pm TTh IH 202 Johnson Max 7

Psy 4920. Advanced Seminar in Biological or Comparative Psychology. (SS; 4 cr; =[Psy 4720]; prereq 2001, 3201 or 3211, sr status, instr consent; A-F only)
53857 10:00-11:40 am TTh IH 10 Meek Max 7

Psy 4950. Advanced Seminar in Social Psychology. (SS; 4 cr; =[Psy 4750]; prereq 2001, 3501, sr status, instr consent; A-F only)
53861 4:00-5:40 pm TTh IH 217 D. Stewart Max 7

Psy 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged
SOCILOGY

Soc 1101. Introductory Sociology. (SS; 4 cr)
53321  10:30-11:35 am  MWF  IH 111  Rothchild  Max 70

Soc 1812. Human Rights in the Age of Globalization. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
73554  Sec 1  12:00-12:50 pm  TTh  IH 217  Gashaw  Max 18
Sec 2  Canceled – 10/18/2010

Soc 1993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Soc 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Soc 3122. Sociology of Childhoods. (Hdiv; 4 cr; prereq 1101 or instr consent)
53937  9:15-10:20 am  MWF  IH 113  Rothchild  Max 30

Soc 3123. Sociology of Aging. (Hdiv; 4 cr; prereq 1101)
72175  10:00-11:40 am  TTh  Sci 4655  Gilanshah  Max 30

Soc 3124. Sociology of Law. (SS; 4 cr; prereq 1101)
74154  2:00-3:40 pm  TTh  IH 114  Gashaw  Max 30

Soc 3204. Culture, Food, and Agriculture. (Envt; 4 cr; =Anth 3204; prereq 1101 or Anth 1111 or instr consent)
53939  11:45-12:50 pm  MWF  IH 114  Chollett  Max 15

Soc 3252. Women in Muslim Society. (IP; 4 cr; prereq 1101 or Anth 1111)
53653  12:00-1:40 pm  TTh  Sci 2200  Gilanshah  Max 30

Soc 3403. Sociological Theory. (SS; 4 cr; prereq 1101; 4 addtl cr in Soc recommended)
72176  8:00-9:40 am  TTh  IH 113  Gashaw  Max 30

Soc 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Soc 4901. Independent Project Seminar I. (1 cr; prereq 3101 or 3102, 3401 or 3402; A-F only)
53941  2:15-3:20 pm  MWF (1st half)  IH 217  Rothchild  Max 10

Soc 4902. Independent Project Seminar II. (3 cr; =Soc 4991; prereq 4901; A-F only)
53863  2:15-3:20 pm  MWF (2nd half)  IH 217  Rothchild  Max 10

Soc 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

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Spring Semester 2011
SPANISH

Span 1002. Beginning Spanish II. (FL; 4 cr; prereq 1001 or placement or instr consent)
53281 Sec 1 9:15-10:20 am MWF Hum 5 Turner Max 25
53283 Sec 2 1:00-2:05 pm MWF Hum 205 Turner Max 25
53285 Sec 3 3:30-5:10 pm MW IH 101 Roberts Max 25

Span 1993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Span 2002. Intermediate Spanish II. (IP; 4 cr; prereq 2001 or placement or instr consent)
53287 Sec 1 9:15-10:20 am MWF Hum 205 Wojtaszek Max 20
53289 Sec 2 11:45-12:50 pm MWF Hum 211 Wojtaszek Max 20

Span 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Span 3002. Spanish Composition and Conversation II. (IP; 4 cr; prereq 3001)
53291 Sec 1 10:30-11:35 am MWF Hum 211 Roberts Max 20
53665 Sec 2 1:00-2:05 pm MWF Hum 111 Roberts Max 20

Span 3101. Introduction to Hispanic Literature. (Hum; 4 cr; prereq 3001, prereq or coreq 3002 for majors)
53293 Sec 1 10:00-11:40 am TTh Hum 205 Aronson Max 20
53667 Sec 2 12:00-1:40 pm TTh Hum 205 Aronson Max 20

Span 3212. Literature and Culture of Spain. (Hum; 4 cr; prereq 3002, 3101)
54161 2:15-3:20 pm MWF Hum 111 Wojtaszek Max 20

Span 3654. Seminar: Sex, Love, and Marriage in Golden Age Spanish Literature. (Hum; 4 cr; prereq 3002, 3101)
73435 2:00-3:40 pm TTh Hum 211 Aronson Max 20

Span 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Span 4001. Research Symposium. (Hum; 4 cr; prereq instr consent; A-F only)
53779 10:30-11:35 am MWF Hum 12 Turner

Span 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged
### STATISTICS

**Stat 1601. Introduction to Statistics.** (M/SR; 4 cr; prereq high school higher algebra)

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<td>Sci 1030</td>
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<td>53543</td>
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<td>Sci 3610</td>
<td>Anderson</td>
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<td>Sci 3650</td>
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**Stat 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Stat 2611. Mathematical Statistics.** (M/SR; 4 cr; prereq Math 1101)

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<td>J. Kim</td>
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**Stat 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Stat 3611. Multivariate Statistical Analysis.** (M/SR; 4 cr; prereq 1601 or 2601 or 2611 or instr consent)

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**Stat 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Stat 4601. Biostatistics.** (M/SR; 4 cr; prereq 1601 or 2601 or 2611 or instr consent)

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<td>Sci 3550</td>
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**Stat 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

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THEATRE

Th 1040. Backstage on Broadway. (2 cr [max 4 cr]; prereq instr consent; S-N only)
74546 Arranged Bremer

Th 1060. Production Experience. (1 cr [max 8 cr]; prereq instr consent; S-N only)
53305 Arranged Bremer

Th 1070. Performance Experience. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
53307 Arranged Bremer

Th 1111. Fundamentals of Acting. (ArtP; 4 cr; prereq 1101, theatre arts major or minor or instr consent)
53615 10:00-11:40 am TTh HFA 125 Bremer Max 15

Th 1993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Th 2111. Creative Drama with Children. (ArtP; 4 cr; prereq 1101 or theatre or elem ed major or instr consent)
72604 9:15-10:20 am MWF HFA 125 Schultz Max 25

Th 2201. Voice and Movement. (ArtP; 4 cr; prereq 1111, theatre art major or minor or instr consent)
72177 12:00-1:40 pm TTh HFA 125 Bremer Max 20

Th 2222. Creating Live Radio Theatre from Script to Performance. (ArtP; 1 cr; prereq instr consent; S-N only)
74856 6:00-8:00 pm Fri HFA 125 Bremer

Th 2301. Stagecraft. (ArtP; 4 cr; 3 hrs lect, 3 hrs practicum)
53309 1:00-2:05 pm MWF HFA 120 M. Peterson Max 40

Th 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Th 3102. World Theatre: History and Literature II. (FA; 4 cr)
53311 2:15-3:20 pm MWF HFA 6 Schultz Max 20

Th 3202. Advanced Directing. (ArtP; 4 cr; prereq 1101, 1111, 2101)
72179 10:30-11:35 am MWF HFA 125 Schultz Max 20

Th 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Th 4901. Senior Project. (2-4 cr [max 4 cr]; prereq theatre arts major, instr consent)
53313 Arranged Bremer

Th 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

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WELLNESS AND SPORT SCIENCE

**WSS 1051. Fitness for Life.** (2 cr)
53559  Sec 1  11:45-12:15 pm MWF (1st half)  PEC 251  P. Grove  Max 25
53561  Sec 2  10:00-11:40 am TTh (2nd half)  PEC 251  T. Grove  Max 25

**WSS 1052. Societal Issues in Health and Wellness.** (SS; 2 cr)
53563  11:45-12:15 pm MWF (2nd half)  PEC 251  Hickman  Max 25

**WSS 1101. First Aid.** (1 cr)
53565  Sec 1  11:45-12:15 pm MWF (1st half)  PEC 250  Magner  Max 25
53567  Sec 2  12:00-1:40 pm TTh (1st half)  PEC 251  Magner  Max 25

**WSS 1219. Strength Training.** (0.5 cr [max 1 cr]; S-N only)
53569  9:15-10:20 am MWF (1st half)  PEC 240  Battle  Max 20

**WSS 1224. Wellness Skills: R.A.D.-Basic Self-Defense System.** (.5 cr [max 1 cr]; females only; S-N only)
53745  Sec 1  6:00-8:00 pm Wed (1st half)  PEC 240  Hensinger  *Volleyball Players only*
54185  Sec 2  7:00-9:00 pm Thu (2nd half)  PEC 240  Hensinger  Max 12

**WSS 1231. Beginning Taekwondo.** (.5 cr [max 1 cr])
53907  4:00-5:40 pm TTh (1st half)  PEC 240  Stefanek  Max 25

**WSS 1233. Advanced Taekwondo.** (.5 cr [max 1 cr]; prereq 1231 or instr consent)
53975  4:00-4:50 pm TTh (2nd half)  PEC 240  Stefanek  Max 25

**WSS 1401. Varsity Baseball** (Men; 0.5 cr [max 2 cr]; S-N only)
53871  4:00-6:00 pm  Fohl

**WSS 1402. Varsity Basketball** (0.5 cr [max 2 cr]; S-N only)
53497  Sec 1  Men  4:00-6:00 pm  P. Grove
53873  Sec 2  Women  4:00-6:00 pm  T. Grove

**WSS 1406. Varsity Softball** (Women; 0.5 cr [max 2 cr]; S-N only)
53875  4:00-6:00 pm  Pennie

**WSS 1407. Varsity Tennis** (0.5 cr [max 2 cr]; S-N only)
53877  Sec 1  Men  4:00-6:00 pm  Starzl
53879  Sec 2  Women  4:00-6:00 pm  Starzl

**WSS 1408. Varsity Track and Field** (0.5 cr [max 2 cr]; S-N only)
53881  Sec 1  Men  4:00-6:00 pm  Karger-Gatzow
53883  Sec 2  Women  4:00-6:00 pm  Karger-Gatzow

**WSS 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

**WSS 2121. Prevention and Care of Injuries.** (4 cr; prereq 2111)
Lec 1  8:00-9:05 am MWF  PEC 251  Bowman
53633  Lab 2  9:15-10:20 am Mon  PEC 139  Bowman  Max 22
53635  Lab 3  8:00-9:05 am Tue  PEC 139  Bowman  Max 22

**WSS 2201. Baseball Coaching.** (2 cr)
53571  9:15-10:20 am MWF (2nd half)  PEC 251  Fohl  Max 35

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<td>Softball Coaching</td>
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<td>MWF (2nd half)</td>
<td>PEC 250</td>
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<td>WSS 2205</td>
<td>Track and Field Coaching</td>
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<td>Karger-Gatzow</td>
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<td>Advanced R.A.D. (Rape Aggression Defense System)</td>
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<td>WSS 2401</td>
<td>Sociological Aspects of Sports</td>
<td>SS; 2</td>
<td>8:00-9:40 am</td>
<td>TTh(1st half)</td>
<td>PEC 251</td>
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<td>Psychological Aspects of Sports</td>
<td>SS; 2</td>
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<td>TTh(2nd half)</td>
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<td>Planning and Programming of Athletic Facilities</td>
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