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## FALL 2010 Schedule of Classes

Changes/cancellations to the Class Schedule are denoted in RED
Additions to the Class Schedule are denoted in BLUE
Courses pending approval are denoted in GRAY SHADING

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*Last Update on: 11/9/2010*
AMERICAN INDIAN STUDIES

AmIn 1311. Anishinaabe Language I. (FL; 4 cr)
56784  11:45-12:50 pm  MWF  Hum 111  Desrosiers  Max 25

AmIn 4901. Senior Project in American Indian Studies.  (4 cr; prereq 1101, AmIn major, instr consent)
56259  Arranged  Staff
ANTHROPOLOGY

**Anth 1111. Introductory Cultural Anthropology.** (SS; 4 cr)
53373  9:15-10:20 am  MWF  IH 111  Chollett  Max 70

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

**Anth 2103. Archaeology.** (SS; 4 cr)
- Lec 1  2:15-3:20 pm  MW  IH 101  Beaver
- 54103 Lab 2  3:30-5:30 pm  Wed  IH 3  Beaver  Max 15
- 54105 Lab 3  1:00-3:00 pm  Fri  IH 3  Beaver  Max 15

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

**Anth 3601. Social Justice and Human Rights in Latin America.** (IP; 4 cr = [Soc 3601]; prereq 1111 or Soc 1101 or instr consent)
56261  11:45-12:50 pm  MWF  IH 114  Chollett  Max 15

**Anth 3701. Forensic Anthropology.** (Sci-L; 4 cr; prereq 2101 or Biol 2102)
- Lec 1  9:15-10:20 am  MW  IH 112  Dean
- 56763 Lab 2  10:30-12:30 pm  Mon  IH 3  Dean  Max 15
- 56764 Lab 3  3:30-5:30 pm  Mon  IH 3  Dean  Max 15

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

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

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**ART HISTORY**

**ArtH 1101. Principles of Art.** (FA; 4 cr) *Reserved seats: 10 seniors, 10 juniors, 15 sophomores, 15 first year students*
- **54113** 8:00-9:40 am  TTh  HFA 6  Eisinger  Max 50

**ArtH 1801. Memorials & Memorialization.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
- **57377 Sec 1** 10:30-11:20 am  MW  HFA 2  Dabbs  Max 18
- **57378 Sec 2** 11:00-11:50 am  TTh  HFA 2  Dabbs  Max 18

**ArtH 3161. 16th-Century Italian Art.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)
- **56262** 3:30-5:10 pm  MW  HFA 2  Dabbs  Max 15

**ArtH 3191. American Art to 1900.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)
- **56263** 2:00-3:40 pm  TTh  HFA 2  Dabbs  Max 15

**ArtH 3221. 20th-Century American Art: 1945 to the Present.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)
- **56264** 12:00-1:40 pm  TTh  HFA 2  Eisinger  Max 15

**ArtH 3241. African American Art.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)
- **56265** 4:00-5:40 pm  TTh  HFA 2  Eisinger  Max 15

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

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

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## ART, STUDIO

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

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### ArtS 1101. Basic Studio Drawing I.
(ArtP; 2 cr; coreq 1103, 1105; one 1xxx ArtH course recommended during the same year)

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### ArtS 1103. Basic Studio 2-D Design.
(ArtP; 2 cr; coreq 1101, 1105; one 1xxx ArtH course recommended during the same year)

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<tr>
<td>Sec 2</td>
<td>1:00-3:00 pm</td>
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### ArtS 1105. Basic Studio Discussion I.
(ArtP; 1 cr; coreq 1101, 1103; one 1xxx ArtH course recommended during the same year)

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

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### ArtS 1801. Mural Project and Public Art.
(IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)

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

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### ArtS 2101. Drawing from Life I.
(ArtP; 3 cr; prereq major or minor or instr consent)(Meets w/ArtS 3100)

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### ArtS 2201. Beginning Printmaking I.
(ArtP; 3 cr; prereq major or minor or instr consent for nonmajor jrs and srs)(Meets w/ArtS 3200)

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### ArtS 2301. Beginning Painting I.
(ArtP; 3 cr; prereq major or minor or instr consent for nonmajor jrs and srs)(Meets w/ArtS 3300)

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### ArtS 2401. Beginning Sculpture I.
(ArtP; 3 cr; prereq major or minor or instr consent for nonmajor jrs and srs)(Meets w/ArtS 3400)

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### ArtS 2500. Photography.
(ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent)

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### ArtS 3002. Media Studies: Artist's Books.
(ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent)

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

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### ArtS 3200. Advanced Printmaking I.
(ArtP; 3 cr [max 9 cr]; prereq 2202)(Meets w/ArtS 2201)

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ArtS 3300. Advanced Painting I. (ArtP; 3 cr [max 9 cr]; prereq 2302 or instr consent)(Meets w/ArtS 2301)
53175 9:15-11:15 am MWF HFA 130 Eble Max 7

ArtS 3400. Advanced Sculpture I. (ArtP; 3 cr [max 9 cr]; prereq 2402)(Meets w/ArtS 2401)
53177 1:00-4:00 pm TTh HFA 145 Nellis Max 7

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

ArtS 4902. Senior Thesis Project I. (2 cr; prereq sr ArtS major, completion of Second Year Portfolio Review)
54121 4:15-6:15 pm Wed HFA 130 Eble Max 12

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

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BIOLOGY

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 ELEd or SEEd major with middle school science specialties or instr consent)

53947 Sec 1 10:00-11:15 am TTh Sci 2200 Myers Max 30
56395 Sec 2 10:00-11:15 am TTh Sci 3650 Burke Max 30
54075 Sec 3 2:00-3:15 pm TTh Sci 1020 Myers Max 30

Biol 2102. Human Anatomy. (3 cr; = [WSS 2102]; prereq soph; no elective cr for biol majors or minors)

Lec 1 8:00-9:05 am TTh Sci 2950 Hardy
53559 Lab 2 9:15-11:15 am Thu Sci 2110 Hardy Max 12
53561 Lab 3 12:00-2:00 pm Thu Sci 2110 Hardy Max 12
53563 Lab 4 2:00-4:00 pm Thu Sci 2110 Hardy Max 12

Biol 2111. Cell Biology. (Sci-L; 4 cr; prereq 1101 or 1111, Chem 1102 or instr consent)

Lec 1 1:00-2:05 pm MW Sci 2950 Shawgo
53013 Lab 2 3:30-5:30 pm Mon Sci 2130 Shawgo Max 22
53015 Lab 3 12:00-2:00 pm Tue Sci 2130 Shawgo Max 22
53017 Lab 4 3:00-5:00 pm Tue Sci 2130 Shawgo Max 22
53019 Lab 5 2:15-4:15 pm Wed Sci 2130 Shawgo Max 22
57787 Lab 6 8:00-10:00 am Thu Sci 2130 Shawgo Max 22

Biol 3131. Ecology. (Sci-L; 4 cr; prereq Biol 2101 or EnSt 2101 or instr consent)

Lec 1 1:00-2:05 pm WF Sci 1020 Kuchenreuther
53023 Lab 2 2:15-5:15 pm Wed Sci 3180 Kuchenreuther Max 12
53025 Lab 3 9:00-12:00 pm Thu Sci 3180 Kuchenreuther Max 12
53575 Lab 4 2:00-5:00 pm Thu Sci 3180 Kuchenreuther Max 12

Biol 3700. Biological Communication I. (1 cr; prereq Biol 2101, 2111)

53949 Sec 1 1:00-1:50 pm Tue Sci 2185 Mumford Max 15
54357 Sec 2 1:00-1:50 pm Thu Sci 2185 Mumford Max 15

Biol 3701. Biological Communication II. (1 cr; prereq 3700, instr consent)
65 min/per week discussion arranged

53689 Sec 1 Arranged Cole Max 4
53691 Sec 2 Arranged Myers Max 4
53693 Sec 3 Arranged Kuchenreuther Max 4
53695 Sec 4 Arranged Mumford Max 4
53697 Sec 5 Arranged Shawgo Max 2
56596 Sec 6 Arranged Burke Max 2
57279 Sec 7 Arranged T. Anderson Max 1

Biol 4151. Entomology. (Sci-L; 4 cr; prereq Biol 2101 or EnSt 2101 or instr consent)

Lec 1 9:15-10:20 am MW Sci 2185 T. Anderson
56269 Lab 2 2:15-5:15 pm Wed Sci 3160 T. Anderson Max 8
56270 Lab 3 2:00-5:00 pm Thu Sci 3160 T. Anderson Max 12

Biol 4181. Developmental Biology. (Sci-L; 4 cr; prereq 2111, 4312 recommended)

Lec 1 2:15-3:20 pm MW Sci 3655 Myers
56272 Lab 2 3:30-5:30 pm Mon + arr Sci 2135 Myers Max 12

Biol 4211. Biochemistry. (Sci; 4 cr; prereq 3121, Chem 2302 or instr consent)

53739 9:15-10:20 am MWF Sci 2200 Burke Max 45
**Biol 4301. Plant Biology.** (Sci-L; 4 cr; prereq Biol 2101, 2111 or instr consent)
- Lec 1 10:30-11:35 am MW Sci 2200 Cole
- 56274 Lab 2 2:00-5:00 pm Tue + arr Sci 2170 Cole Max 12

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

**Biol 4611. Biochemistry Lab.** (1 cr; prereq or coreq 4211 or instr consent)
- 53923 Lab 1 2:00-5:00 pm Tue Sci 2150 Burke tentative lab
- 53925 Lab 2 1:00-4:00 pm Thu Sci 2150 Burke Max 12

**Biol 4901. Senior Seminar.** (1 cr; prereq 3701, sr or instr consent; required of all sr biology majors; full year course begins fall sem)
- 53029 Sec 1 12:00-12:50 pm Tue Sci 1020 Cole Max 25
- 53609 Sec 2 5:00-6:05 pm Thu Sci 1020 Cole Max 25

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

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### CHEMISTRY

**Chem 1101. General Chemistry I.** (Sci-L; 4 cr; prereq Math 0901 or placement beyond Math 0901 using ACT/placement exam score)

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<td>54011 Lab 2</td>
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<td>54015 Lab 4</td>
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<td>Sci 3175</td>
<td>McIntosh</td>
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<td>54017 Lab 5</td>
<td>12:00-3:00 pm</td>
<td>Tue</td>
<td>Sci 3175</td>
<td>McIntosh</td>
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<td>54019 Lab 6</td>
<td>2:15-5:15 pm</td>
<td>Wed</td>
<td>Sci 3175</td>
<td>McIntosh</td>
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<td>54021 Lab 7</td>
<td>8:00-11:00 am</td>
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<td>Sci 3175</td>
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<td>54141 Lab 8</td>
<td>12:00-3:00 pm</td>
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<td>Sci 3175</td>
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<td>Fri</td>
<td>Sci 3175</td>
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**Chem 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Chem 2301. Organic Chemistry I.** (Sci; 4 cr; prereq 1102, coreq 2311)

<table>
<thead>
<tr>
<th>Lec</th>
<th>Time</th>
<th>Days</th>
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<tr>
<td>53035</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 2950</td>
<td>Soderberg</td>
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**Chem 2311. Organic Chemistry Lab I.** (1 cr; coreq 2301 or instr consent)

<table>
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<tr>
<th>Lab</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>53851 Lab 1</td>
<td>8:00-11:00 am</td>
<td>Tue</td>
<td>Sci 3135</td>
<td>Carpenter</td>
</tr>
<tr>
<td>53727 Lab 2</td>
<td>12:00-3:00 pm</td>
<td>Tue</td>
<td>Sci 3135</td>
<td>Carpenter</td>
</tr>
<tr>
<td>53729 Lab 3</td>
<td>2:15-5:15 pm</td>
<td>Wed</td>
<td>Sci 3135</td>
<td>Soderberg</td>
</tr>
<tr>
<td>53731 Lab 4</td>
<td>8:00-11:00 am</td>
<td>Thu</td>
<td>Sci 3135</td>
<td>Soderberg</td>
</tr>
<tr>
<td>54145 Lab 5</td>
<td>12:00-3:00 pm</td>
<td>Thu</td>
<td>Sci 3135</td>
<td>Soderberg</td>
</tr>
<tr>
<td>56276 Lab 6</td>
<td>2:15-5:15 pm</td>
<td>Fri</td>
<td>Sci 3135</td>
<td>Carpenter</td>
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**Chem 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Chem 3101. Analytical Chemistry.** (Sci-L; 4 cr; prereq 1102)

<table>
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<th>Instructor</th>
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<tr>
<td>53039 Lab 2</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 2200</td>
<td>J. Goodnough</td>
</tr>
<tr>
<td>53041 Lab 3</td>
<td>9:00-12:00 pm</td>
<td>Tue</td>
<td>Sci 2200</td>
<td>J. Goodnough</td>
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**Chem 3301. The Chemistry of Sustainable Energy.** (Sci; 3 cr = [ESci 3301]; prereq 2302 or instr consent)

<table>
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<tr>
<td>56491</td>
<td>3:30-5:00 pm</td>
<td>MW</td>
<td>Sci 2200</td>
<td>Carpenter</td>
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**Chem 3501. Physical Chemistry I.** (Sci; 4 cr; prereq 1102, Phys 1101, Math 1102 or instr consent)

<table>
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<th>Instructor</th>
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<tr>
<td>53043</td>
<td>11:45-12:50 pm</td>
<td>MW</td>
<td>Sci 2190</td>
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**Chem 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Chem 4901. Chemistry Seminar II.** (0.5 cr; prereq 3901; required of all chem majors; may not count toward chem minor)

<table>
<thead>
<tr>
<th>Lec</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
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<tbody>
<tr>
<td>53045</td>
<td>4:00-4:50 pm</td>
<td>Tue</td>
<td>Sci 1020</td>
<td>Togeas</td>
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**Chem 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

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CHINESE

Chn 1001. Beginning Modern Chinese I. (FL; 4 cr)
53913  2:00-3:40 pm  TTh  Sci 2200  Gao  Max 25

Fall Semester 2010
## COMMUNICATION, MEDIA, AND RHETORIC

### CMR 1052. Introduction to Public Speaking. (E/CR; 2 cr)
- 53981 Sec 1: 12:00-1:40 pm TTh (1st half) HFA 18 Burke Max 22
- 54073 Sec 2: 12:00-1:40 pm TTh (2nd half) HFA 18 Burke Max 22

### CMR 1062. Introduction to Interpersonal and Group Communication. (Hum; 4 cr)
- 54069 Sec 1: 1:00-2:05 pm MWF HFA 23 Bezanson Max 25
- 57375 Sec 2: 10:30-11:35 am MWF HFA 23 Bezanson Max 25

### CMR 1388. College Newspaper Experience. (1 cr [max 2 cr]; prereq instr consent)
- 54151 Arranged Burke

### CMR 1389. College Radio Experience. (1 cr [max 2 cr]; prereq instr consent)
- 54153 Arranged Burke

### CMR 1801. Legal Argument and Free Speech. (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)
- 57382 9:15-10:20 am MWF HFA 23 Bezanson Max 25

### CMR 3121. Rhetorical Criticism and Hollywood Cinema. (Hum; 4 cr; prereq 1101 or instr consent)
- 56358 2:00-3:40 pm Thu HFA 23 Leroux
- 56358 2:00-4:30 pm Tue HFA 23 Leroux

### CMR 3411. Intercultural Communication Theory and Research. (Hdiv; 4 cr; prereq 1101 or instr consent)
- 56278 8:00-9:40 am TTh HFA 23 Burke Max 25

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

### CMR 4152. Advanced Public Speaking. (Hum; 4 cr; prereq 1052, 1101 or instr consent)
- 53355 10:00-11:40 am TTh HFA 23 Leroux Max 25

### CMR 4900. Communication, Media and Rhetoric Seminar I. (1 cr; prereq 1052, 1062, 1101, or sr status with instr consent; A-F only)
- 53911 2:15-3:20 pm Mon HFA 23 Bezanson, Burke

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

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COMPUTER SCIENCE

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

53049  10:00-10:50 am  TTh  Sci 1030  Lamberty  Max 35

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

53051  9:15-10:20 am  MWF  Sci 1030  Machkasova  Max 35

**CSci 1801. The Design of Everyday Technologies.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM; requires attending two activities outside of class, a poster session, and a presentation)

57380 Sec 1  10:30-11:20 am  MW  Sci 2185  Lamberty  Max 18
57381 Sec 2  12:00-12:50 pm  TTh  Sci 2185  Lamberty  Max 18

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

Arranged

**CSci 2101. Data Structures.** (M/SR; 5 cr; prereq 1201 or 1301 or instr consent)

Lec 1  2:15-3:20 pm  MWF  Sci 1030  Lamberty

53751 Lab 2  2:00-3:50 pm  Tue  Sci 2610  Lamberty  Max 24

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

Arranged

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

Lec 1  11:45-12:50 pm  MWF  Sci 2185  McPhee

54161 Lab 2  12:00-1:50 pm  Tue  Sci 2610  McPhee  Max 24

**CSci 3501. Algorithms and Computability.** (M/SR; 5 cr; prereq 1302, 2101 or instr consent)

Lec 1  1:00-2:05 pm  MWF  Sci 2185  Machkasova

53753 Lab 2  12:00-1:50 pm  Thu  Sci 2610  Machkasova  Max 24

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

Arranged

**CSci 4409. Systems: Programming for Parallel Architecture.** (M/SR; 2 cr; prereq 3401)

56766  11:00-11:50 am  TTh  Sci 2185  Machkasova  Max 24

**CSci 4555. Theory: Neural Networks and Machine Learning.** (M/SR; 4 cr; prereq 1302, 2101 or instr consent)

56279  2:15-3:20 pm  MWF  Sci 2185  McPhee  Max 24

**CSci 4901. Seminar II.** (1 cr; prereq 2901, jr or sr; S-N only)

53699  4:00-4:50 pm  Thu  Sci 2185  McPhee  Max 16

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

Arranged
DANCE

Dnce 1323. Introduction to Tap Dance. (ArtP; 1 cr [max 2 cr]; Tap shoes required; S-N only)
56635  4:00-5:40 pm  Tue  HFA 125  Ferrian  Max 25

Dnce 1331. Ballet I. (ArtP; 1 cr [max 2 cr]; prereq 1321 or instr consent)
56636  4:00-5:40 pm  Thu  HFA 125  Ferrian  Max 25

Dnce 2333. Modern Dance II. (ArtP; 1 cr [max 2 cr]; prereq 1333 or instr consent)
56637  3:30-5:00 pm  Mon  HFA 125  Ferrian  Max 25
# ECONOMICS

**Econ 1111. Principles of Microeconomics.** (SS; 4 cr; prereq high school algebra or instr consent)
56457 Sec 1 2:15-3:20 pm MWF Sci 3650 Finzel Max 40
53701 Sec 2 12:00-1:40 pm TTh IH 109 Xiao Max 40

**Econ 1112. Principles of Macroeconomics.** (SS; 4 cr; prereq high school algebra or instr consent)
53985 2:00-3:40 pm TTh Sci 2190 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)
53385 3:30-4:20 pm Wed IH 113 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 3007. Environmental and Natural Resource Economics I.** (Envt; 2 cr; prereq 1111 or instr consent)
56281 9:15-10:20 am MWF (1st half) IH 114 Kildegaard Max 30

**Econ 3008. Environmental and Natural Resource Economics II.** (Envt; 2 cr; prereq 3007 or instr consent)
56282 9:15-10:20 am MWF (2nd half) IH 114 Kildegaard Max 30

**Econ 3113. Money, Banking, and Financial Markets.** (SS; 4 cr; prereq 1111, 1112 or instr consent)
56756 2:15-3:20 pm MWF IH 112 Burks Max 35

**Econ 3141. Economic Development and Growth I.** (IP; 2 cr; prereq 1111, 1112 or instr consent)
56283 1:00-2:05 pm MWF (1st half) IH 114 Imai Max 30

**Econ 3142. Economic Development and Growth II.** (IP; 2 cr; prereq 3141 or instr consent)
57769 1:00-2:05 pm MWF (2nd half) IH 114 Imai Max 30

**Econ 3201. Microeconomic Theory.** (SS; 4 cr; prereq 1111, Math 1101 or instr consent)
53387 10:30-11:35 am MWF IH 112 Burks Max 35

**Econ 3202. Macroeconomic Theory.** (SS; 4 cr; prereq 1112, Math 1101 or instr consent)
56284 2:00-3:40 pm TTh IH 114 Imai Max 35

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

**Econ 4501. Senior Research Seminar in Economics and Management.** (SS; 2 cr [max 4 cr]; prereq sr or 3501 or instr consent; full year course begins fall sem)
53893 Sec 1 3:30-5:10 pm Wed IH 202 Bina Max 4
53895 Sec 2 3:30-5:10 pm Wed IH 203 Burks Max 4
53897 Sec 3 3:30-5:10 pm Wed IH 115 Finzel Max 4
53899 Sec 4 3:30-5:10 pm Wed IH 217 Kildegaard Max 4
53989 Sec 5 3:30-5:10 pm Wed IH 101 Xiao Max 4
53991 Sec 6 3:30-5:10 pm Wed IH 202 Bina Max 4

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Meeting Times</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
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<tbody>
<tr>
<td>Ed 1011</td>
<td>Beginning Sign Language I.</td>
<td>(FL; 3 cr; prereq instr consent)</td>
<td>53861 4:30-7:00 pm Mon IH 101 Poore Max 25</td>
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<tr>
<td>Ed 1111</td>
<td>Introduction to Deaf Education.</td>
<td>(Hum; 2 cr)</td>
<td>53607 7:20-9:00 pm Mon IH 101 Poore Max 30</td>
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<tr>
<td>Ed 1801</td>
<td>Critical Issues in K-12 Education.</td>
<td>(IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)</td>
<td>57383 Sec 1 1:00-1:50 pm MW Hum 11 Kuechle Max 18</td>
<td>57384 Sec 2 2:15-3:05 pm MW Hum 5 Kuechle Max 18</td>
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<td>Ed 1993</td>
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<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<tr>
<td>Ed 2111</td>
<td>Tutor-Aide Practicum.</td>
<td>(1 cr; coreq 2121; S-N only)</td>
<td>57173 Arranged Page</td>
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<tr>
<td>Ed 2121</td>
<td>Introduction to Education.</td>
<td>(SS; 3 cr; coreq 2111)</td>
<td>57172 12:00-1:40 pm TTh Sci 3650 Page Max 45</td>
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<tr>
<td>Ed 2131</td>
<td>Foundations of Reading.</td>
<td>(Hum; 2 cr)</td>
<td>57174 1:00-2:05 pm MW IH 101 Solvie Max 35</td>
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<td>Ed 2993</td>
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<td>Directed Study.</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<tr>
<td>Ed 4121</td>
<td>Strategies for Inclusive Schooling.</td>
<td>(2 cr; prereq EEd 3101, 3102, 3103, 3111 or admission to the secondary education program)</td>
<td>57175 8:00-9:40 am TTh MRC 205 Jepma Max 40</td>
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<td>Ed 4993</td>
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<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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### EDUCATION, ELEMENTARY

**ElEd 3101. Teaching and Learning Strategies.** (4 cr; prereq admission to the elementary teacher education program; A-F only)
(lecture runs 8-26-10 to 9-16-10 only)
- Lec 1 8:00-9:40 am TTh  
  - 53755 Dis 2 8:00-9:05 am MWF  
    - IH 101 Rudney

**ElEd 3102. Reading Methods: Literacy and Language Instruction in the Elementary School.** (4 cr; prereq admission to elementary teacher education program; A-F only)
- 52985 9:15-10:20 am MWF  
  - Sci 4655 Solvie

**ElEd 3103. Mathematics in the Elementary School.** (3 cr; prereq admission to the elementary teacher education program; A-F only)
- 53571 2:50-3:40 pm Tue  
  - MRC 205 Bovre
- 2:00-3:40 pm Thu  
  - MRC 205

**ElEd 3111. Practicum I: Field Experience in the Elementary Classroom.** (1 cr; prereq admission to the elementary teacher education program; S-N only)
- 53675 2:00-2:50 pm Tue  
  - MRC 205 Marxen

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

**ElEd 4102. Social Studies in the Elementary School.** (2 cr; prereq 3101, 3102, 3103, 3111; A-F only)
(Class held 9-20-10 to 12-08-10)
- 52987 8:00-9:05 am MW  
  - MRC 205 Bovre
- 2:15-3:30 pm Mon

**ElEd 4103. Science in the Elementary School.** (2 cr; prereq 3101, 3102, 3103, 3111; A-F only)
(Class held 9-21-10 to 12-09-10)
- 52989 10:00-11:40 am TTh  
  - MRC 205 Marxen

**ElEd 4104. Language Arts and Literature in the Elementary School.** (3 cr; prereq 3101, 3102, 3103, 3111; A-F only)
(Class held 9-20-10 to 12-08-10)
- 52991 10:30-12:10 pm MW  
  - MRC 205 Solvie

**ElEd 4107. Health and Physical Education in the Elementary School.** (1 cr; prereq 3101, 3102, 3103, 3111; A-F only)
(Class held 9-23-10 to 12-09-10)
- 53707 12:00-1:40 pm Thu  
  - MRC 205 Marxen

**ElEd 4111. Practicum III: Beginning Student Teaching.** (2 cr; prereq 3101, 3102, 3103, 3111; S-N only)
(Class held 9-21-10 to 12-07-10; field experience required 8-25-10 to 9-17-10)
- 53555 12:00-12:50 pm Tue  
  - MRC 205 Marxen, Bovre

**ElEd 4112. Practicum IV: Experience in the Elementary School.** (1 cr [max 2 cr]; prereq 3101, 3102, 3103, 3111; S-N only)(Class held 9-21-10 to 12-07-10)
- 53553 12:50-1:40 pm Tue  
  - MRC 205 Marxen

**ElEd 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 4102. Teaching and Learning Strategies. (4 cr; prereq admission to the secondary teacher education program; coreq 4103, 4104, 4105, methods; A-F only)
52995 Sec 1  8:00-11:30 am Mon  Edu 106  Jepma  Max 15
58237 Sec 2  8:00-11:30 am Mon  Edu 102  Kuechle  Max 15

SeEd 4103. Practicum Experience in the Middle and Secondary School. (4 cr; prereq admission to the secondary teacher education program; coreq 4102, 4104, 4105, methods; S-N only)
(The 8:00-1:00 pm time period is in the schools not at UMM.)
53685  8:00-1:00 pm WThF  Jepma, Kuechle
1:00-3:00 pm Fri  MRC 205  Page  Max 15

SeEd 4104. Teaching Diverse Learners. (HDiv; 2 cr; prereq admission to the secondary teacher education program; coreq 4102, 4103, 4105, methods; A-F only)
53961  8:00-11:30 am Tue (1st half)  Sci 1020  Page  Max 50

SeEd 4105. Reading and Literacy in the Content Areas. (2 cr; prereq admission to the secondary teacher education program; coreq 4102, 4103, 4104, methods; A-F only)
53963  8:00-11:30 am Tue (2nd half)  Sci 1020  Page  Max 50

SeEd 4115. Advanced Content Reading. (Hum; 2 cr; prereq 4105)
57176  Arranged   Page  Max 50

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

SECONDARY EDUCATION 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 and secondary school. Students must complete methods course(s) in their licensure area(s). Methods courses are taken concurrently with secondary education block course – SeEd 4101, 4102, 4103 – and must be successfully completed before student teaching in a specific field.

ArtE 4123. Methods of Teaching Art K-12. (4 cr; A-F only)
53613  Arranged   Welle  Max 15

EngE 4121. Methods of Teaching Communication Arts & Literature in the Middle and Secondary School. (4 cr; A-F only)
53615  5:00-9:00 pm Thu  Edu 211  Hauger  Max 15

LanE 4123. Methods of Teaching Foreign Language K-12. (4 cr; A-F only)
53617  3:15-5:00 pm TTh  Edu 106  Roberts  Max 15

MthE 4121. Methods of Teaching Mathematics in the Middle and Secondary School. (4 cr; A-F only)
53619  4:30-7:30 pm Tue  Edu 102  Kehoe  Max 15

MusE 4123. Methods of Teaching Music K-12. (3 cr; A-F only)
(Class held 08-26-10 to 11-05-10)
53621  2:00-3:40 pm Tue  IH 202  J. Carucci  Max 15
5:00-6:40 pm Thu  IH 202  Max 15

Fall Semester 2010
**MusE 4124. Multicultural Music for the K-12 Music Educator.** (1 cr; prereq instr consent; A-F only)
(Class held 11-09-10 to 12-09-10)
<table>
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<tr>
<td>53623</td>
<td>2:00-3:40 pm</td>
<td>Tue</td>
<td>IH 202</td>
<td>J. Carucci, D. Odello</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>5:00-6:40 pm</td>
<td>Thu</td>
<td>IH 202</td>
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**SciE 4121. Methods of Teaching Science in the Middle and Secondary School.** (4 cr; A-F only)
<table>
<thead>
<tr>
<th>CRN</th>
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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
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<tbody>
<tr>
<td>53625</td>
<td>4:30-7:30 pm</td>
<td>Wed</td>
<td>Edu 211</td>
<td>Schoeneck</td>
<td>15</td>
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**SScE 4121. Methods of Teaching Social Science in the Middle and Secondary School.** (4 cr; A-F only)
<table>
<thead>
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<th>Day</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>53627</td>
<td>6:00-9:00 pm</td>
<td>Mon</td>
<td>Edu 102</td>
<td>Ricard</td>
<td>15</td>
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</table>
ENGLISH

Engl 1001. Fundamentals of Writing I. (4 cr; completion of both 1001, 1002 meets College Writing requirement)
53577 Sec 1  2:00-3:40 pm  TTh   Hum 5  Smith  Max 15
53939 Sec 2  4:00-5:40 pm  TTh   Hum 5  Smith  Max 15

Engl 1011. College Writing. (CW; 4 cr)
53183 Sec 1  8:00-9:05 am  MWF   Hum 11  Lackey  Max 18
53185 Sec 2  9:15-10:20 am  MWF   Hum 111  Kolb  Max 18
53187 Sec 3  10:30-11:35 am  MWF   Hum 5   D. Ericksen  Max 18
53189 Sec 4  2:15-3:20 pm  MWF   HFA 18  A. Kildegaard  Max 18
53191 Sec 5  3:30-4:35 pm  MWF   Hum 111  Kolb  Max 18
53193 Sec 6  2:00-3:40 pm  TTh   Hum 11  Graham  Max 18
56288 Sec 7  4:00-5:40 pm  TTh   Hum 205  Turk  Max 18

Engl 1131. Introduction to Literature. (Hum; 4 cr; prereq 1011 or equiv)
53771 Sec 1  9:15-10:20 am  MWF   Hum 5  D. Ericksen  Max 20
53773 Sec 2  10:30-11:35 am  MWF   IH 114  Lackey  Max 20

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

Engl 2022. Sports Literature and Writing. (Hum; 4 cr; prereq 1011 or equiv)
56921  10:00-11:40 am  TTh   Hum 111  Gercken  Max 20

Engl 2106. Topics in Writing: The Environmental Imagination: Reading and Writing about the Natural World. (Envt; 4 cr; prereq 1011 or equiv)
56289  12:00-1:40 pm  TTh   Hum 11  Graham  Max 18

Engl 2201. Survey of British Literature to the 18th Century. (Hum; 4 cr; prereq 1011 or equiv, 1131)
56290  1:00-2:05 pm  MWF   Hum 111  Kolb  Max 25

Engl 2211. Survey of American Literature to the Civil War. (Hum; 4 cr; prereq 1011 or equiv, 1131)
53195  2:15-3:20 pm  MWF   Hum 111  D. Ericksen  Max 25

Engl 2411. Representations of American Indians in Popular and Academic Culture. (Hdiv; 4 cr; prereq 1011 or equiv)
56291  2:00-3:40 pm  TTh   Hum 111  Gercken  Max 25

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

Engl 3005. Understanding Writing: Theories and Practices. (Hum; 4 cr; prereq 1011 or equiv, soph standing, instr consent; coreq IS 3720 for students working in the Writing Room)
53927  2:00-3:40 pm  TTh   Hum 205  Turk  Max 15

Engl 3021. Grammar and Language. (Hum; 4 cr)
53757  10:30-11:35 am  MWF   Hum 11  J. Ericksen  Max 25

Engl 3262. 20th-Century American Poetry: From Modern to Contemporary. (Hum; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212)
56292  3:30-5:20 pm  MW   Hum 11  Graham  Max 20

Engl 3332. African American Women Writers. (Hdiv; 4 cr; prereq 1011 or equiv or instr consent)
56813  9:15-10:20 am  MWF   Hum 11  Lackey  Max 20

Fall Semester 2010
Engl 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

Engl 4021. Research Seminar: British Literature of the Fin de Siecle. (Hum; 4 cr; prereq 1131, two from 2201, 2202, 2211, 2212, instr consent)
56922  4:00-5:40 pm  TTh  Hum 12  Deane  Max 12

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

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

**ESci 3301. The Chemistry of Sustainable Energy.** (Sci; 3 cr = [Chem 3301]; prereq Chem 2302 or instr consent)
56492  3:30-5:00 pm  MW  Sci 2200  Carpenter  Max 12

**ESci 4901. Environmental Science Senior Seminar I.** (1 cr; prereq instr consent; A-F only)
56294  Arranged  Cotter

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## ENVIRONMENTAL STUDIES

### EnSt 1101. Environmental Problems and Policy. (Envt; 4 cr)
- **54025** 10:00-11:40 am TTh  | IH 109 | Mumford | Max 40

### EnSt 2101. Environmental Biology. (Sci-L; 4 cr; credit will not be granted if credit has been received for Biol 2101)
- **Lec 1** 1:00-2:05 pm MW  | Sci 3650 | T. Anderson
- **54029 Lab 2** 9:00-12:00 pm Tue  | Sci 3160 | T. Anderson | Max 14
- **54031 Lab 3** 2:00-5:00 pm Tue  | Sci 3160 | T. Anderson | Max 14

### EnSt 2111. Environmental Ethics. (Envt; 4 cr; evening or weekend field trips required)
- **56901** 2:00-3:40 pm TTh  | Sci 3610 | Mumford | Max 20

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

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FRENCH

Fren 1001. Beginning French I. (FL; 4 cr)
53199 Sec 1 2:15-3:20 pm MWF Hum 211 Berberi Max 25
54403 Sec 2 3:30-4:35 pm MWF Hum 211 Berberi Max 25

Fren 1993. Directed Study. (1-5 cr; [max10 cr]; prereq approved directed study form)
Arranged

Fren 2001. Intermediate French I. (IP; 4 cr; prereq 1002 or placement or instr consent)
53201 9:15-10:20 am MWF Hum 211 Martin Max 25

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

Fren 3001. Conversation and Composition. (IP; 4 cr; prereq 2002 or placement or instr consent)
53203 2:00-3:40 pm TTh Hum 211 Buchanan Max 20

Fren 3023. Early Modern Studies: Orture and Literature in Pre-Enlightenment France. (Hum; 4 cr; prereq or coreq 3011 or instr consent)
Canceled – 08/23/2010

Fren 3036. Modern Studies: French Cinema. (IP; 4 cr; prereq or coreq 3011 or instr consent)
Conflicts with the Monday evening screenings can be arranged in advanced with the instructor.
54337 10:00-11:40 am TTh HFA 6 Buchanan Max 15
7:00-9:00 pm Mon IH 109

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

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 Fall 2010.

Fren 3036, Hist 3001, Phil 2112, Psy 3051, Psy 3542, Soc 3121

GWSS 1101. Introduction to Gender, Women, and Sexuality Studies. (Hdiv; 4 cr)
54187  10:00-11:40 am  TTh  IH 114  Rothchild  Max 25

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)
54191  Arranged  Rothchild

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## GEOLOGY

### Geol 1101. Physical Geology. (Sci-L; 4 cr)
- **Lec 1**: 9:15-10:20 am, MWF, Sci 3610, Gilbertson
- **Lab 2**: 2:15-5:15 pm, Mon, Sci 1650, Gilbertson, Max 24
- **Lab 3**: 10:00-1:00 pm, Tue, Sci 1650, Gilbertson, Max 24

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

### Geol 2001. Natural and Unnatural Geologic Hazards. (Envt; 4 cr)
- 56297: 9:15-10:20 am, MWF, Sci 3665, Brugger, Max 15

### Geol 2101. Mineralogy and Crystallography. (Sci-L; 4 cr; prereq 1101, Chem 1101 or instr consent)
- **Lec 1**: 1:00-2:05 pm, MWF, Sci 1510, Gilbertson
- **Lab 2**: 2:00-5:00 pm, Tue, Sci 1510, Gilbertson, Max 20

### Geol 2121. Sedimentology and Stratigraphy. (Sci-L; 4 cr; prereq 2101)
- **Lec 1**: 10:00-11:40 am, TTh, Sci 1540, Cotter
- **Lab 2**: 2:15-5:50 pm, Fri, Sci 1540, Cotter

### Geol 2131. Geomorphology. (Sci; 4 cr; prereq 1101)
- **Lec 1**: 2:00-3:15 pm, TTh, Sci 3655, Cotter
- **Lab 2**: 2:15-5:50 pm, Fri, Room TBA, Cotter

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

### Geol 3501. Hydrology. (Sci; 4 cr; prereq Math 1101 or instr consent)
- 53965: 10:30-11:35 am, MWF, Sci 1515, Brugger, Max 12

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

### Geol 4901. Geology Senior Seminar. (1 cr; prereq instr consent; required for geol major)
- 53065: Arranged, Cotter

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

**Ger 1001. Beginning German I.** (FL; 4 cr)  
53207  11:45-12:50 pm  MWF  HFA 6  Foteva  Max 40

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

**Ger 2001. Intermediate German I.** (IP; 4 cr; prereq 1002 or placement or instr consent)  
53209  2:15-3:20 pm  MWF  Hum 205  Foteva  Max 25

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

**Ger 3101. Survey of German Literature and Culture I.** (Hum; 4 cr; prereq 3011 or instr consent)  
56304  2:00-3:40 pm  TTh  Hum 12  Foteva  Max 25

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

**Ger 4901. Senior Project.** (1-5 cr [max 10 cr]; prereq 3011 or instr consent)  
53213  Arranged  Foteva

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

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# HISTORY

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Maximum</th>
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<tbody>
<tr>
<td>Hist 1101</td>
<td>Introduction to World History to 1500. (Hist; 4 cr)</td>
<td></td>
<td>10:00-11:40 am</td>
<td>TTh</td>
<td>IH 111</td>
<td>Deane</td>
<td>Max 60</td>
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<tr>
<td>Hist 1301</td>
<td>Introduction to U.S. History. (Hist; 4 cr)</td>
<td></td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>IH 109</td>
<td>Guyotte</td>
<td>Max 60</td>
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<td>Hist 1501</td>
<td>Introduction to East Asian History: China, Japan, and Korea before 1800. (IP; 4 cr)</td>
<td></td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>IH 112</td>
<td>Jessup</td>
<td>Max 40</td>
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<td>Hist 1811</td>
<td>A History of You(th). (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)</td>
<td></td>
<td>2:00-3:40 pm</td>
<td>TTh</td>
<td>IH 113</td>
<td>Ryan Van Zee</td>
<td>Max 25</td>
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<tr>
<td>Hist 1812</td>
<td>FIRE!: An Introductory Seminar to American Environmental History. (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)</td>
<td></td>
<td>4:00-5:40 pm</td>
<td>TTh</td>
<td>IH 113</td>
<td>Gross</td>
<td>Max 25</td>
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<tr>
<td>Hist 3001</td>
<td>Families Through the Prism of Memory, Genealogy, and History. (Hist; 4 cr)</td>
<td></td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>IH 217</td>
<td>Hinds</td>
<td>Max 15</td>
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<tr>
<td>Hist 3103</td>
<td>Medieval Europe. (Hist; 4 cr)</td>
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<td>12:00-1:40 pm</td>
<td>TTh</td>
<td>IH 114</td>
<td>Deane</td>
<td>Max 30</td>
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<tr>
<td>Hist 3211</td>
<td>Modern France. (Hist; 4 cr)</td>
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<td>10:00-11:40 am</td>
<td>TTh</td>
<td>IH 113</td>
<td>Ryan Van Zee</td>
<td>Max 30</td>
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<tr>
<td>Hist 3251</td>
<td>American Indians and the United States: A History. (HDiv; 4 cr)</td>
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<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>IH 112</td>
<td>Blansett</td>
<td>Max 30</td>
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<td>Hist 3359</td>
<td>Native Strategies for Survival, 1880-1920. (HDiv; 4 cr)</td>
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<td>10:30-11:35 am</td>
<td>MWF</td>
<td>IH 101</td>
<td>Blansett</td>
<td>Max 30</td>
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<td>Hist 3352</td>
<td>The U.S. 1960s. (Hist; 4 cr)</td>
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<td>3:30-5:15 pm</td>
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<td>IH 111</td>
<td>Guyotte</td>
<td>Max 30</td>
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<td>Hist 3456</td>
<td>History of Religion in America. (Hist; 4 cr)</td>
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<td>12:00-1:40 pm</td>
<td>TTh</td>
<td>IH 101</td>
<td>Gross</td>
<td>Max 30</td>
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<td>Hist 3558</td>
<td>Shanghai: China's Model of Modernity. (IP; 4 cr)</td>
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<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>IH 203</td>
<td>Jessup</td>
<td>Max 25</td>
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<tr>
<td>Hist 3601</td>
<td>Great Books in Latin American History. (IP; 4 cr)</td>
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<td>9:15-10:20 am</td>
<td>MWF</td>
<td>IH 217</td>
<td>Hinds</td>
<td>Max 15</td>
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<tr>
<td>Hist 3993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<tr>
<td>Hist 4110</td>
<td>Tutorial in History. (1 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.)</td>
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</tbody>
</table>
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.)

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

Arranged
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 1041. Health Sciences Terminology. (2 cr; students need to register in-person with staff from the Continuing Education Office, 105 Blakely Hall) 53669  Arranged  Staff

IS 1061. Mastering Skills for College Success. (2 cr; prereq instr consent; S-N only) 56312  10:30-11:35 am  MWF (1st half)  Hum 211  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) 56101  Arranged  Hardy

IS 1802. Music, Education, and the Liberal Arts. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM) 57387 Sec 1  12:00-12:50 pm  TTh  HFA 185  D. Odello  Max 18
57388 Sec 2  1:00-1:50 pm  TTh  HFA 185  D. Odello  Max 18

IS 1803. Dangerous Minds: Images of Education in Popular Culture. (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM) 57389  3:30-5:10 pm  MW  Sci 2190  Blodgett  Max 25

IS 1804. Community Engagement: From Volunteerism to Social Justice. (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM; requires off-site meeting times to be arranged) 57390  11:45-12:50 pm  MWF  Hum 5  Manolis  Max 25

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

IS 2001H. Honors: Traditions in Human Thought. (Hum; 2 cr; prereq participation in Honors Program or instr consent) 53777 Dis 2  2:15-3:05 pm  Wed  IH 202  Togeas, B. Deane  Max 15
53853 Dis 3  3:30-4:20 pm  Wed  Sci 3650  Togeas, B. Deane  Max 15

IS 2001L. 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) 53679  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; prereq jr status, instr consent; credit will not be granted if credit has been received for: IS 2011; S-N only) 53937  Arranged  Solvie

IS 3215H. Honors: Sagas before the Fall: Culture, Climate, and Collapse in Medieval Iceland. (Envt; 2 cr; prereq participation in Honors Program or instr consent) 54287  1:00-1:50 pm  MW  Sci 2200  Cole, J. Ericksen  Max 20

IS 3216H. Honors: Perspectives on Disability in Contemporary American Life. (Hdiv; 2 cr; prereq participation in Honors Program or instr consent) 54291  9:00-9:50 am  TTh  Hum 211  T. Berberi, Manolis  Max 20
IS 3710. **Peer Tutoring in College.** (1 cr [max 3 cr]; prereq 3705)
56315 Arranged Schewe

IS 3720. **Tutoring Writing Across the Disciplines.** (1-2 cr [max 6 cr]; prereq Engl 1011 or equiv, soph standing, instr consent; coreq Engl 3005 for students in their first semester at the Writing Room)
53929 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; S-N only)
Arranged Staff

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

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, Legal Constraints, Ethics in Human Services.** (E/CR; 2 cr; prereq jr, 10 cr 3xxx or 4xxx human services courses or instr consent)
9:15-10:20 am MWF (2nd half) IH 101 Staff 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 1301. Beginning Italian I.** (FL; 4 cr)
- 53749 11:45-12:50 pm MWF Hum 11 Berberi Max 25

**Ital 1801. Rome: The City in Literature and Film.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
- 58361 9:15-10:05 am MW IH 203 Berberi Max 18

**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)

- **58145 Sec 1**: 1:00-1:50 pm MWF Hum 211 Pederson Max 20
- **58146 Sec 2**: 10:00-11:20 am TTh Hum 5 Pederson Max 20
- **58147 Sec 3**: 12:00-1:20 pm TTh Hum 5 Pederson Max 20

**Lang 1062. Reading in the American University.** (1 cr [max 2 cr]; prereq non-native speaker of English, instr consent; S-N only)

- **58148**: 8:45-9:40 am Thu Sci 2200 Pederson Max 40

**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)

- **Lec 1**: 4:00-5:05 pm Tue IH 109 Pederson, Gao
- **58150 Dis 2**: 3:30-5:05 pm Mon Sci 2185 Pederson Max 20
- **58151 Dis 3**: 3:30-5:05 pm Wed Sci 2185 Gao Max 20
- **58152 Dis 4**: 4:00-5:35 pm Thu Sci 2200 Gao Max 20
LATIN AMERICAN AREA STUDIES

The following requirements or elective courses outside of the LAAS discipline are offered Fall 2010.

Anth 3601, Hist 3601, Soc 3601, Span 3001, Span 3211, Span 3654

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

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

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)
53149  Arranged   Kildegaard

LAAS 3151. Leftist Regimes in Contemporary Latin America. (IP; 4 cr; =[Pol 3151])
57270  4:00-5:40 pm TTh  IH 115   Reyes  Max 10

LAAS 3201. Bibliographical Tools and Journals in Latin American Area Studies. (1 cr; prereq LAAS major)
56316  Arranged   Hinds

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

LAAS 4101. Senior Tutorial in Latin American Area Studies. (1-4 cr [max 4 cr]; prereq 3201, sr LAAS major)
56383  Arranged   Hinds

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

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

Mgmt 2101. Principles of Accounting I. (4 cr; [Two evening exams are required. The exams will begin at 6:00 pm and students will be given as much time as needed to finish.])
53395 Sec 1 10:30-11:35 am MWF IH 111 Gausman Max 40
53397 Sec 2 11:45-12:50 pm MWF IH 111 Gausman Max 40
Sec 3 Canceled – 04/21/2010

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

Mgmt 3101. Financial Management. (SS; 4 cr; prereq 2102, Econ 1111, Econ 1112, Stat 1601)
53399 2:00-3:40 pm TTh IH 101 Xiao Max 30

Mgmt 3123. Managerial Economics. (SS; 4 cr; prereq 2101, Econ 1111, Stat 1601 or Stat 2601 or instr consent)
54209 2:15-3:20 pm MWF IH 115 Burks Max 30

Mgmt 3171. Leadership in Organizations I. (SS; 2 cr; prereq Stat 1601 or Stat 2601 or instr consent)
56844 12:00-1:40 pm TTh (1st half) IH 111 Stefanek Max 30

Mgmt 3172. Leadership in Organizations II. (SS; 2 cr; prereq 3171)
56845 12:00-1:40 pm TTh (2nd half) IH 111 Stefanek Max 30

Mgmt 3601. Transnational Enterprise. (IP; 2 cr; prereq 2102, Econ 1111, Econ 1112 or instr consent)
54297 10:00-11:40 am TTh (1st half) IH 112 Bina Max 30

Mgmt 3701. Organizational Behavior. (SS; 4 cr; =[Psy 3701]; prereq Stat 1601 or Stat 2601, jr or sr)
53905 1:00-2:05 pm MWF IH 111 Stewart Max 30

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

Mgmt 4501. Globalization and Business Strategy. (IP; 2 cr; prereq 3601 or instr consent)
56322 10:00-11:40 am TTh (2nd half) IH 112 Bina Max 30

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

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

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### MATHEMATICS

**Math 0901. Basic Algebra.** (0 cr toward graduation, 4 cr toward financial aid)
- **53565** 2:15-3:20 pm MWF Sci 2200 Dolan Max 50

**Math 1012. PreCalculus I: Functions.** (4 cr; prereq placement)
- **54217** Sec 1 8:00-9:05 am MWF Sci 3650 Ng Max 40
- **54219** Sec 2 3:30-4:35 pm MWF Sci 3610 Dolan Max 40

**Math 1013. PreCalculus II: Trigonometry.** (M/SR; 2 cr; prereq placement)
- **54223** 9:00-9:50 am TTh Sci 3650 McQuarrie Max 40

**Math 1101. Calculus I.** (M/SR; 5 cr; prereq 1012, 1013 or placement)
- **53071** Sec 1 10:30-11:35 am MWF Sci 3510 O'Reilly Max 35
- **53073** Sec 2 1:00-2:05 pm MWF Sci 3510 Roberts Max 35
- **53075** Sec 3 2:15-3:20 pm MWF Sci 3510 D'Ambroise Max 35

**Math 1102. Calculus II.** (M/SR; 5 cr; prereq 1101)
- **53077** 11:45-12:50 pm MWF Sci 3510 McQuarrie Max 35

**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)
- **53085** 9:15-10:20 am MWF Sci 3650 Ng Max 40

**Math 2111. Linear Algebra.** (M/SR; 4 cr; prereq 1101 or instr consent)
- **56323** 1:00-2:05 pm MWF Sci 1030 O'Reilly Max 30

**Math 2211. History of Mathematics.** (4 cr; prereq Math course above 1100 or instr consent)
- **56324** 3:30-4:35 pm MWF Sci 1030 Roberts Max 30

**Math 2401. Differential Equations.** (M/SR; 4 cr; prereq 1102 or instr consent)
- **53087** 8:00-9:05 am MWF Sci 1030 McQuarrie Max 40

**Math 2501. Probability and Stochastic Processes.** (M/SR; 4 cr; =Stat 2501; prereq 1101 or instr consent)
- **53803** 2:15-3:20 pm MWF Sci 3610 Sungur Max 15

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

**Math 3221. Analysis.** (M/SR; 4 cr; prereq 1102, 2202, or instr consent)
- **53705** 11:45-12:50 pm MWF Sci 1030 D'Ambroise Max 30

**Math 3411. Discrete and Combinatorial Mathematics.** (M/SR; 4 cr; prereq 1100 or higher or instr consent)
- **53091** 10:00-11:40 am TTh Sci 4655 Ng Max 30

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

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*Fall Semester 2010*
Math 4901. Senior Seminar. (M/SR; 2 cr; prereq sr; full year course begins fall sem)
53095 Arranged Ng

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

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MUSIC

**Mus 0100. Concert Attendance.** (0 cr [repeatable 7 times]; prereq major or minor; S-N only)
53217 Arranged R. Richards

**Mus 1041. Introduction to Music.** (FA; 4 cr)
53219 9:15-10:20 am MWF HFA 185 D. Odello Max 50

**Mus 1044. Class Piano.** (ArtP; 1 cr; special fee required)
53221 Sec 1 12:00-12:50 pm Tue HFA 175 DuHamel Max 9
53223 Sec 2 1:00-1:50 pm Tue HFA 175 DuHamel Max 9

**Mus 1045. Class Guitar.** (ArtP; 1 cr; special fee required)
53759 2:00-3:00 pm Tue HFA 170 Flegel Max 12

**Mus 1050. Accompanying.** (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
53225 Arranged DuHamel

**Mus 1061. Introduction to World Music.** (IP; 4 cr; =[Mus 3161]; non-music major enrollment only; music majors, minors should register for 3161)
54309 2:00-3:40 pm TTh HFA 185 D. Odello Max 40

**Mus 1070. Instrumental Chamber Ensemble.** (ArtP; 1 cr [max 8 cr]; prereq instr consent)
53235 Arranged Seggelke

**Mus 1080. Jazz Combo.** (ArtP; 1 cr [max 8 cr]; prereq instr consent)
53237 6:00-7:00 pm Tue HFA 180 J. Carucci

**Mus 1090. Vocal Chamber Ensemble.** (ArtP; 1 cr [max 8 cr]; prereq instr consent)
53239 Arranged Hodgson

**Mus 1101. Core Studies I: Music Theory I.** (M/SR; 4 cr; prereq major or minor or instr consent; concurrent enrollment in piano lessons until the piano proficiency test is passed)
53241 11:45-12:50 pm MWF HFA 185 R. Richards Max 30

**Mus 1200-1222. Individual Performance Studies.** (ArtP; 1 cr each [max 8 cr per instrument]; prereq instr consent; special fee required)

**Mus 1200. Piano**
53243 Sec 1 Arranged DuHamel
53579 Sec 2 Arranged J. Richards
53581 Sec 3 Arranged Helder
53583 Sec 4 Arranged Klemetson
54441 Sec 5 Arranged Mørken
58623 Sec 6 Arranged Benson

**Mus 1201. Piano Accompanying**
53245 Arranged DuHamel

**Mus 1202. Organ**
53247 Arranged Mørken

**Mus 1203. Harpsichord**
53249 Arranged DuHamel

**Mus 1204. Voice**
53251 Sec 1 Arranged Hanson
53585 Sec 2 Arranged DeJong
53587 Sec 3 Arranged Hodgson
53589 Sec 4 Arranged K. Miller

Mus 1205. Violin
Fall Semester 2010

Mus 1206. Viola                Arranged Salvo
Mus 1207. Cello                Arranged Salvo
Mus 1208. Double Bass          Arranged Salvo
Mus 1209. Flute                Arranged J. Richards
Mus 1210. Oboe                Arranged D. Odello
Mus 1211. Clarinet             Arranged Seggelke
Mus 1212. Saxophone            Arranged J. Carucci
Mus 1213. Bassoon              Arranged C. Carucci
Mus 1214. Trumpet              Arranged Rossmiller
Mus 1215. French Horn          Arranged Schwagerl
Mus 1216. Trombone             Arranged Varpness
Mus 1217. Baritone             Arranged Varpness
Mus 1218. Tuba                 Arranged M. Odello
Mus 1219. Percussion           Arranged Flegel
Mus 1220. Recorder             Arranged Svendsen
Mus 1221. Guitar               Arranged J. Richards
Mus 1222. Electric Bass        Arranged Flegel
Mus 1223. Composition          Arranged J. Carucci

Mus 1300. UMM Symphonic Winds. (ArtP; 1 cr [max 8 cr])

Mus 1310. University Choir. (ArtP; 1 cr [max 8 cr])

Mus 1320. Concert Choir. (ArtP; 1 cr [max 8 cr]; prereq instr consent)

Mus 1330. Jazz Ensemble. (ArtP; 1 cr [max 8 cr]) Section 1 is for experience players; section 2 is for beginners.

Mus 1370. String Orchestra. (Art; 1 cr [max 8 cr]; A-F only)
### Mus 2101. Core Studies II: Music Theory III.
(Hum; 4 cr; prereq 1102, major or minor or instr consent; concurrent enrollment in piano lessons until the piano proficiency test is passed)

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<tr>
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<tr>
<td>53289</td>
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### Mus 3052. Piano Pedagogy II.
(ArtP; 2 cr; prereq 1200 or instr consent)

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### Mus 3161. Introduction to World Music.
(IP; 4 cr; =[Mus 1061; prereq mus major or minor; non-music majors or minors should register for 1061])

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<td>TTh</td>
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<td>D. Odello</td>
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### Mus 3200-3222. Advanced Individual Performance Studies.
(ArtP; 1 cr each [max 8 cr per instrument]; prereq instr consent)

#### Mus 3200. Piano

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#### Mus 3201. Piano Accompanying

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#### Mus 3202. Organ

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#### Mus 3203. Harpsichord

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#### Mus 3204. Voice

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<td>Sec 4</td>
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#### Mus 3205. Violin

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#### Mus 3207. Cello

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#### Mus 3208. Double Bass

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#### Mus 3209. Flute

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#### Mus 3210. Oboe

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#### Mus 3211. Clarinet

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#### Mus 3212. Saxophone

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#### Mus 3213. Bassoon

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#### Mus 3214. Trumpet

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<td>Rossmiller</td>
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#### Mus 3215. French Horn

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#### Mus 3217. Baritone

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#### Mus 3218. Tuba

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#### Mus 3219. Percussion

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<td>Svendsen</td>
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### Mus 3220. Recorder
53605  Arranged  J. Richards

### Mus 3221. Guitar
53761  Arranged  Flegel

### Mus 3222. Electric Bass
53763  Arranged  Flegel

### Mus 3223. Composition
53971 Sec 1  Arranged  Hodgson
57629 Sec 2  Arranged  J. Carucci

### Mus 3302. Instrumental Techniques: Brass and Percussion. (1 cr; prereq major or minor or instr consent)
53997  9:15-10:20 am  MWF (1st half)  HFA 180  M. Odello

### Mus 3303. Instrumental Techniques: Strings. (1 cr; prereq major or minor or instr consent)
53765  Arranged  HFA 180  Salvo

### Mus 3311. Conducting Techniques. (2 cr; prereq major or minor or instr consent)
53921  1:00-2:05 pm  MWF  HFA 180  Seggelke

### Mus 3351. Instrumental Arranging. (ArtP; 2 cr; prereq 1102 or instr consent; A-F only)
54045  2:15-3:20 pm  MWF (2nd half)  HFA 180  J. Carucci

### Mus 3352. Choral Arranging. (ArtP; 2 cr; prereq 1102 or instr consent; A-F only)
54047  2:15-3:20 pm  MWF (1st half)  HFA 170  Hodgson

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

### Mus 4101. Form and Analysis. (4 cr; prereq 1102, major or minor or instr consent)
56326  10:00-11:40 am  TTh  HFA 185  R. Richards

### Mus 4901. Senior Project. (1 cr; prereq major, instr consent; S-N only)
53331  Arranged  Hodgson

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# PHILOSOPHY

**Phil 1101. Introduction to Philosophy.** (Hum; 4 cr) *Reserved seats: 15 first year students per section*
- Sec 1: Canceled – 04/13/10
- 56328 Sec 2: 12:00-1:40 pm TTh Hum 205 Collier Max 25

**Phil 1801. THINK: An Introduction to Philosophy.** (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)
- 57391 10:00-11:40 am TTh Hum 205 Collier Max 25

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

**Phil 2101. Introduction to Symbolic Logic.** (M/SR; 4 cr) *Reserved seats: 15 first year students*
- Sec 1: 10:30-11:35 am MWF Sci 3650 Lemke Max 25
- Sec 2: Canceled – 04/01/2010

**Phil 2112. Professional Ethics.** (E/CR; 4 cr)
- 56329 2:00-3:40 pm TTh Sci 3650 Demetriou Max 25

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

**Phil 3141. The Theory of Knowledge.** (Hum; 4 cr; prereq 1101 or 2101 or 2111 or instr consent)
- 56330 3:30-5:10 pm MW Hum 5 Lemke Max 25

**Phil 3151. History of Ancient Philosophy.** (Hist; 4 cr; prereq 1101 or 2101 or 2111 or instr consent)
- 56331 5:30-7:10 pm MW IH 217 Collier Max 25

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

**Phil 4100. Moral Issues and Theories.** (Hum; 4 cr [max 8 cr]; prereq 2111 or instr consent)
- 56333 4:00-5:40 pm TTh IH 217 Demetriou Max 25

**Phil 4901. Senior Philosophical Defense.** (2 cr; prereq phil major)
- 54239 Sec 1: Arranged Collier
- 56334 Sec 2: Arranged Demetriou
- 56335 Sec 3: Arranged Lemke

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

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PHYSICS

Phys 1005. Journal Club I. (1 cr [max 2 cr]; S-N only)(Meets w/3005)
Canceled – 08/23/2010

Phys 1052. The Solar System. (Sci-L; 5 cr; no cr for students who have received cr for Phys 1051)
  Lec 1 11:45-12:50 pm MWF Sci 3610 McIntosh
  53789 Lab 2 3:30-5:30 pm Mon Sci 4530 McIntosh Max 20
  53791 Lab 3 10:00-12:00 pm Tue Sci 4530 McIntosh Max 20

Phys 1063. Physics of Weather. (Envt; 4 cr)
  56337  9:15-10:20 am MWF Sci 2190 Boyd Max 50

Phys 1091. Principles of Physics I. (Sci-L; 5 cr; prereq high school higher algebra)
  Lec 1 10:30-11:35 am MWF Sci 1020 Keeler
  53795 Lab 2 3:30-5:30 pm Wed Sci 4550 Keeler Max 20
  53797 Lab 3 2:00-4:00 pm Thu Sci 4550 Keeler Max 20

Phys 1102. General Physics II. (Sci-L; 5 cr; prereq 1101, Math 1102 or instr consent)
  Lec 1 10:30-11:35 am MWF Sci 2190 Korth
  53631 Lab 2 3:30-5:30 pm Mon Sci 4550 Korth Max 20
  53633 Lab 3 8:00-10:00 am Tue Sci 4550 Korth Max 20
  57576 Lab 4 2:00-4:00 pm Tue Sci 4550 Korth Max 20

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

Phys 2302. The Physics of Sustainable Energy. (Envt; 4 cr; prereq 1091 or 1101; A-F only)
Canceled – 08/23/2010

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

Phys 3005. Journal Club II. (1 cr [max 2 cr]; prereq 1101, 1102; A-F only)(Meets w/1005)
Canceled – 08/23/2010

Phys 3101. Classical Mechanics. (Sci; 4 cr; prereq 2101, Math 2101 or instr consent)
  56339  10:00-11:40 am TTh Sci 3665 Boyd

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

Phys 4201. Quantum Mechanics. (Sci; 4 cr; prereq 2101, Math 2101)
  56340  2:00-3:40 pm TTh Sci 3665 Keeler

Phys 4901. Senior Thesis. (1 cr; prereq sr; course begins in fall and runs all year)
  53767  4:00-4:50 pm Thu Sci 3665 Korth, McIntosh, Boyd, Keeler

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

Fall Semester 2010
POLITICAL SCIENCE

Pol 1101. Introduction to Political Theory. (E/CR; 4 cr)
53403 11:45-12:50 pm MWF IH 109 Breen Max 75

Pol 1201. American Government and Politics. (E/CR; 4 cr)
53405 10:30-11:35 am MWF IH 109 O'Loughlin Max 75

Pol 1401. World Politics. (IP; 4 cr)
53673 2:00-3:40 pm TTh IH 111 Joo Max 75

Pol 1811. War and Terrorism. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
57392 Sec 1 12:00-12:50 pm TTh IH 202 Joo Max 18
57393 Sec 2 4:00-4:50 pm TTh IH 202 Joo Max 18

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

Pol 2001. Political Science Research Methods. (SS; 4 cr; prereq any 1xxx-level UMM Pol course, major or minor or instr consent)
56341 12:00-1:40 pm TTh IH 112 Rose Max 20

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

Pol 3151. Leftist Regimes in Contemporary Latin America. (IP; 4 cr; =LAAS 3151)
57353 4:00-5:40 pm TTh IH 115 Reyes Max 10

Pol 3211. The American Presidency. (SS; 4 cr; prereq 1201 or instr consent; Stat 1601 or Stat 2601 recommended)
56754 2:00-3:40 pm TTh IH 203 Rose Max 30

Pol 3352. Modern Political Thought. (Hum; 4 cr; prereq 1101 or instr consent)
56342 2:15-3:20 pm MWF IH 111 Breen 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]; prereq instr consent; max of 4 cr may be applied to the major or minor)
Arranged

Pol 4251. Political Participation and Voting Behavior. (SS; 4 cr; prereq 1201 or instr consent)
56343 1:00-2:05 pm MWF IH 113 O'Loughlin Max 30

Pol 4302. International Comparative Political Theory. (IP; 4 cr; prereq 1101, 2001 or instr consent)
56344 9:15-10:20 am MWF IH 202 Breen Max 30

Pol 4451. Comparative Foreign Policy. (IP; 4 cr; prereq 1401, 2001 or instr consent)
56345 10:00-11:40 am TTh IH 101 Joo Max 30

Pol 4905. Senior Research Seminar in Political Science. (SS; 2 cr; prereq 2001, Stat 1601 or Stat 2601, at least one 4xxx Pol course)
54251 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
# PSYCHOLOGY

**Psy 1051. Introduction to Psychology.** (SS; 4 cr)
- 53411 11:45-12:50 pm MWF Sci 2950 Stewart Max 150

**Psy 1081. Drugs and Human Behavior.** (SS; 2 cr)
- 56346 2:15-3:20 pm MW Sci 2950 Ratliff-Crain Max 100

**Psy 1811. My Wonderful Life: Career and Life Planning for College Students.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
- 57394 2:15-3:05 pm MW IH 217 Benson Max 18

**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)
- 53857 Sec 1 8:00-9:05 am MWF IH 113 C. Stewart Max 20
- 54049 Sec 2 11:45-12:50 pm MWF IH 113 Johnson Max 20

**Psy 2411. Introduction to Lifespan Developmental Psychology.** (SS; 4 cr; prereq 1051; counts as elective cr for the Psy major or minor, and Psy elective for the LAHS major; no cr for students who are concurrently enrolled in or have received cr for Psy 3401, Psy 3402, Psy 3403)
- 53973 10:00-11:40 am TTh IH 2190 Benson Max 30

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

**Psy 3051. The Psychology of Women and Gender.** (Hdiv; 4 cr; prereq 1051 or instr consent)
- 56347 6:00-7:40 pm MW IH 112 Meyerhoff Max 30

**Psy 3101. Learning Theory & Behavior Modification.** (SS; 4 cr; prereq 2001 or instr consent)
- 53743 9:15-10:20 am MWF IH 113 C. Stewart Max 24

**Psy 3111. Sensation and Perception.** (SS; 4 cr; prereq 2001 or instr consent)
- 53413 2:15-3:20 pm MW IH 113 Johnson Max 24

**Psy 3211. Biological Psychology.** (Sci-L; 5 cr; prereq [1051, 2001] or Biol 1101 or Biol 1111)
- Lec 1 10:30-11:35 am MWF IH 113 Meek
- 53663 Lab 2 11:45-12:50 pm Wed IH 10 Meek Max 12
- 53665 Lab 3 1:00-2:05 pm Wed IH 10 Meek Max 12

**Psy 3302. Personality.** (SS; 4 cr; prereq 1051 or instr consent)
- 56348 4:00-5:40 pm TTh IH 112 Peters Max 30

**Psy 3313. Psychopathology.** (SS; 4 cr; prereq 1051 or instr consent)
- 53993 8:00-9:40 am TTh IH 113 Peters Max 30

**Psy 3501. Social Psychology.** (SS; 4 cr; prereq 1051 or Soc 1101 or instr consent)
- 53415 3:30-4:35 pm MWF IH 112 D. Stewart Max 30

**Psy 3542. Multicultural Psychology.** (Hdiv; 4 cr; =[Psy 3541]; prereq 1051)
- 54051 12:00-1:40 pm TTh IH 113 Peters Max 20

**Psy 3701. Organizational Behavior.** (SS; 4 cr; =[Mgmt 3701]; prereq Stat 1601 or Stat 2601, jr or sr)
- 53859 1:00-2:05 pm MW IH 111 D. Stewart Max 10
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 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 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)  
56349  2:00-3:40 pm  TTh  IH 10  Meek  Max 7

Psy 4940. Advanced Seminar in Developmental Psychology. (SS; 4 cr =[Psy 4740]; prereq 2001, 3401 or 3402 or 3403, sr status, instr consent; A-F only)  
53977  2:00-3:40 pm  TTh  IH 109  Benson  Max 7

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

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### SOCIOLOGY

**Soc 1101. Introductory Sociology.** (SS; 4 cr)
53377  11:45-12:50 pm  MWF  Sci 1020  Gilanshah  Max 70

**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 3103. Research Methodology in Sociology.** (SS; 4 cr; = Soc 3101, 3102; prereq 1101)
54257  10:30-11:35 am  MWF  Sci 1030  Gilanshah  Max 30

**Soc 3121. Sociology of Gender.** (Hdiv; 4 cr; prereq 1101 or Anth 1111 or instr consent)
56350  8:00-9:40 am  TTh  IH 114  Rothchild  Max 30

**Soc 3131. World Population.** (Envt; 4 cr; prereq 1101 or instr consent)
57159  2:15-3:20 pm  MWF  Sci 2190  Gilanshah  Max 30

**Soc 3601. Social Justice and Human Rights in Latin America.** (IP; 4 cr = Anth 3601; prereq 1101 or Anth 1111 or instr consent)
56351  11:45-12:50 pm  MWF  IH 114  Chollett  Max 15

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

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

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### SPANISH

**Span 1001. Beginning Spanish I.** (FL; 4 cr)
- 53339 Sec 1  9:15-10:20 am  MWF  Hum 205  Turner  Max 25
- 53341 Sec 2  10:30-11:35 am  MWF  Hum 211  Aronson  Max 25
- 54263 Sec 3  2:15-3:20 pm  MWF  IH 114  Aronson  Max 25

**Span 1002. Beginning Spanish II.** (FL; 4 cr; prereq 1001 or placement or instr consent)
- 53635 Sec 1  11:45-12:50 pm  MWF  Hum 211  Hidalgo-Nunez  Max 25
- 54393 Sec 2  3:30-4:35 pm  MWF  Hum 205  Hidalgo-Nunez  Max 25

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

**Span 2001. Intermediate Spanish I.** (IP; 4 cr; prereq 1002 or placement or instr consent)
- 53343 Sec 1  10:30-11:35 am  MWF  Hum 205  Roberts  Max 25
- 53345 Sec 2  1:00-2:05 pm  MWF  Hum 205  Roberts  Max 25

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

**Span 3001. Spanish Composition and Conversation I.** (IP; 4 cr; prereq 2002 or instr consent)
- 53347 Sec 1  10:00-11:40 am  TTh  Hum 211  Wojtaszek  Max 20
- 53349 Sec 2  12:00-1:40 pm  TTh  Hum 211  Wojtaszek  Max 20

**Span 3211. Literature and Culture of Latin America.** (Hum; 4 cr; prereq 3002, 3101)
- 54265  2:15-3:20 pm  MWF  Hum 11  Hidalgo-Nunez  Max 20

**Span 3654. Seminar: Sex, Love, and Marriage in Golden Age Spanish Literature.** (Hum; 4 cr; prereq 3002, 3101)
- Canceled – 04/02/2010

**Span 3684. Seminar: Hispanic Film.** (Hum; 4 cr; prereq 3002, 3101 or instr consent)
- 57156  12:00-1:40 pm  TTh  HFA 6  Reyes  Max 20

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

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

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STATISTICS

Stat 1601. Introduction to Statistics. (M/SR; 4 cr; prereq high school higher algebra)
53079 Sec 1 8:00-9:05 am MWF Sci 3610  Sungur  Max 40
53081 Sec 2 10:30-11:35 am MWF Sci 3610  Anderson  Max 40
53083 Sec 3 1:00-2:05 pm MWF Sci 3610  Anderson  Max 40
56352 Sec 4 10:00-11:40 am TTh Sci 3610  Kim  Max 40

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

Stat 2501. Probability and Stochastic Processes. (M/SR; 4 cr; =[Math 2501]; prereq Math 1101 or instr consent)
53907  2:15-3:20 pm MWF Sci 3610  Sungur  Max 15

Stat 2601. Statistical Methods. (M/SR; 4 cr; prereq Math 1101 or Math 1021)
53089  9:15-10:20 am MWF Sci 3550  Sungur  Max 25

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

Stat 3501. Survey Sampling. (M/SR; 4 cr; prereq 1601 or 2601 or instr consent)
56353  8:00-9:40 am TTh Sci 3550  Kim  Max 20

Stat 3601. Data Analysis. (M/SR; 4 cr; prereq 1601 or 2601 or 2611 or instr consent)
53093  11:45-12:50 pm MWF Sci 3550  Anderson  Max 20

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

Stat 4901. Senior Seminar. (M/SR; 1 cr; prereq sr; student must attend year round and present one of the seminars)
53717  Arranged  Anderson, Sungur, Kim

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

Th 1060. Production Experience. (1 cr [max 8 cr]; prereq instr consent; S-N only)
53359       Arranged       Schultz

Th 1070. Performance Experience. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
53361       Arranged       Schultz

Th 1101. The Theatre Experience: An Introduction. (FA; 4 cr [practicum required two hours per week, selected from M-Th from 2:00-5:00 pm])
53363       11:45-12:50 pm MWF       HFA 120       Bremer       Max 70

Th 1301. Fundamentals of Design. (ArtP; 4 cr)
53365       9:15-10:20 am MWF       HFA 26       Payne       Max 16

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

Th 2101. Fundamentals of Directing. (ArtP; 4 cr; prereq 1111, theatre arts major or minor or instr consent)
53687       10:00-11:40 am TTh       HFA 125       Bremer       Max 20

Th 2211. Oral Interpretation. (ArtP; 4 cr)
56394       9:15-10:20am MWF       HFA 120       Bremer       Max 25

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

Th 3003. Stage Management. (ArtP; 4 cr; prereq instr consent)
56355       12:00-1:40 pm TTh       HFA 125       Schultz       Max 20

Th 3101. World Theatre: History and Literature I. (FA; 4 cr)
53367       2:15-3:20 pm MWF       IH 109       Schultz       Max 20

Th 3301. Stage Lighting. (ArtP; 4 cr; prereq 1301, 2301)
56356       2:00-3:40 pm TTh       HFA 26       Payne       Max 16

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

Th 4301. Scenic Design. (FA; 4 cr; prereq 1301, 2301)
56357       1:00-2:05 pm MWF       HFA 26       Payne       Max 16

Th 4901. Senior Project. (2-4 cr [max 4 cr]; prereq theatre arts major, instr consent)
53369       Arranged       Schultz

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)
53637 Sec 1  8:00-9:05 am  MWF (1st half)  PEC 251  T. Grove  Max 25  
53639 Sec 2  10:30-11:35 am  MWF (2nd half)  PEC 250  Karger-Gatzow  Max 25

#### WSS 1052. Societal Issues in Health and Wellness. (SS; 2 cr)
53641  10:00-11:40 am  TTh (1st half)  PEC 250  M. Johnson  Max 25

#### WSS 1101. First Aid. (1 cr)
53643 Sec 1  12:00-1:40 pm  TTh (1st half)  PEC 251  Magner  Max 25  
53645 Sec 2  12:00-1:40 pm  TTh (2nd half)  PEC 251  Magner  Max 25

#### WSS 1213. Golf. (0.5 cr [max 1 cr]; S-N only)
53647  12:00-1:40 pm  TTh (1st half)  PEC 150  Fohl  Max 20

#### WSS 1219. Strength Training. (0.5 cr [max 1 cr]; S-N only)
53983  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)
53865 Sec 1  6:00-8:00 pm  Th (1st half)  PEC 240  Hensinger  Max 12  
53931 Sec 2  6:00-8:00 pm  Th (2nd half)  PEC 240  Hensinger  Max 12

#### WSS 1231. Beginning Taekwondo. (.5 cr [max 1 cr])
54071  4:00-4:50 pm  TTh (1st half)  PEC 240  Stefanek  Max 25

#### WSS 1233. Advanced Taekwondo. (.5 cr [max 1 cr]; prereq 1231 or instr consent)
54083  4:00-5:00 pm  TTh (2nd half)  PEC 240  Stefanek  Max 25

#### WSS 1403. Varsity Cross Country (0.5 cr [max 2 cr]; S-N only)
53001 Sec 1  Women  4:00-6:00 pm  Karger-Gatzow  
54001 Sec 2  Men  4:00-6:00 pm  Karger-Gatzow

#### WSS 1404. Varsity Football (Men; 0.5 cr [max 2 cr]; S-N only)
53003  4:00-6:00 pm  Hickman

#### WSS 1405. Varsity Golf (0.5 cr [max 2 cr]; S-N only)
53601 Sec 1  Men  4:00-6:00 pm  Fohl  
53649 Sec 2  Women  4:00-6:00 pm  Koehler

#### WSS 1410. Varsity Volleyball (Women; 0.5 cr [max 2 cr]; S-N only)
53005  4:00-6:00 pm  Braegelmann

#### WSS 1411. Varsity Soccer (0.5 cr [max 2 cr]; S-N only)
53547 Sec 1  Men  4:00-6:00 pm  Staff  
53933 Sec 2  Women  4:00-6:00 pm  Magner

#### WSS 1412. Varsity Swimming. (Women; 0.5 cr [max 2 cr]; S-N only)
53875  2:00-4:00 pm  Molesworth

#### WSS 1801. Mind and Body: Mental Skills and Martial Arts. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
57395  10:00-10:50 am  TTh  IH 217  Stefanek  Max 18

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

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