## FALL 2016 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

*Click on discipline title to go listing of classes*

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*Last Update on: 10/12/2016*

*Fall Semester 2016*
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<tr>
<th>Course Code</th>
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<td>AmIn 1011</td>
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<td>(4 cr)</td>
<td>11:45-12:50 pm</td>
<td>Sci 1030</td>
<td>Desrosiers</td>
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<td>AmIn 1101</td>
<td>Introduction to American Indian Studies. (Hdiv; 4 cr)</td>
<td>(4 cr)</td>
<td>10:30-11:35 am</td>
<td>IH 112</td>
<td>Whalen</td>
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<td>American Indian Song &amp; Dance. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)</td>
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<td>HFA 18</td>
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<td>AmIn 2993</td>
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<td>American Indian Education: History and Representation. (Hdiv; 4 cr) (Same as Hist 3403)</td>
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<td>2:15-3:20 pm</td>
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<td>Contemporary Research Issues in Native America. (E/CR; 4 cr; prereq 1011)</td>
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<td>2:00-3:40 pm</td>
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<td>AmIn 4901</td>
<td>Senior Project in American Indian Studies. (4 cr; prereq 1101, AmIn major, instr consent)</td>
<td>(4 cr)</td>
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AMERICAN SIGN LANGUAGE

**ASL 1001. Beginning American Sign Language I.** (4 cr)

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<th>Location</th>
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<td>TTh</td>
<td>IH 101</td>
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## ANTHROPOLOGY

**Anth 1111. Introductory Cultural Anthropology.** (SS; 4 cr)
- Section: 32008
- Time: 9:15-10:20 am
- Days: MWF
- Room: IH 111
- Instructor: Ortiz
- Max: 70

**Anth 1812. Human Societies: Past and Present, Fact and Fiction.** (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)
- Section: 32697
- Time: 3:30-4:35 pm
- Days: MWF
- Room: IH 101
- Instructor: Dean
- Max: 24

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

**Anth 2002. Learning from the Dead: Introduction to Methods in Archaeology and Biological Anthropology.** (SS; 2 cr; prereq any 1xxx Anth course)
- Section: 32701
- Time: 12:00-12:50 pm
- Days: TTh
- Room: IH 217
- Instructor: Dean
- Max: 16

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

**Anth 3455. North American Archaeology.** (4 cr; prereq 1111 or 2103)
- Section: 32699
- Time: 2:15-3:20 pm
- Days: MWF
- Room: IH 101
- Instructor: Dean
- Max: 30

**Anth 3704. Anthropological Genetics.** (4 cr; prereq 2101 or Biol 1111; A-F only)
- Section: 32698
- Time: 10:00-11:40 am
- Days: TTh
- Room: IH 3
- Instructor: Beaver
- Max: 15

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

**Anth 4411. Seminar in Anthropological Methodology.** (E/CR; 4 cr; prereq 1111 or Soc 1101, 4 addtl cr in Anth or Soc; A-F only)
- Section: 32307
- Time: 8:00-9:40 am
- Days: TTh
- Room: IH 217
- Instructor: Ortiz
- Max: 20

**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)
- 32250 2:15-3:20 pm MWF HFA 6 Dabbs Max 50

**ArtH 1111. Ancient to Medieval Art.** (FA; 4 cr)
- 32411 11:45-12:50 pm MWF HFA 6 Schryver Max 50

**ArtH 1121. Renaissance to Modern Art.** (FA; 4 cr)
- 32568 Sec 1 12:00-1:40 pm TTh HFA 6 Pazian Max 35
- 36268 Sec 2 8:00-9:40 am TTh HFA 2 Pazian Max 25

**ArtH 3112. Art and Byzantine Empire.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)
- 34577 5:30-7:10 pm MW HFA 2 Schryver Max 15

**ArtH 3211. Early Modernist Art: Symbolism to Surrealism.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)
- 35237 2:00-3:40 pm TTh HFA 2 Staff Max 15

**ArtH 3281. Women and Art.** (FA; 4 cr; prereq any 1xxx ArtH course or jur status or instr consent)
- 32703 10:00-11:40 am TTh HFA 2 Dabbs 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 4810. Practicum in Art History Pedagogy.** (1-4 cr [max 8 cr]; prereq instr consent which requires an ArtH major or minor or double-major; must already have taken the 1xxx ArtH course that they wish to complete this practicum in conjunction with; S-N only)
- 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 1005. Visual Studies for Non-Majors: Photography. (ArtP; 3 cr [max 6 cr]; no elective cr for ArtS majors or minors; materials fee required)
32308 6:00-9:00 pm Mon HFA 14 Barber Max 12

ArtS 1050. Beginning Ceramics. (ArtP; 3 cr [max 6 cr]; materials fee required)
31922 Sec 1 9:00-12:00 pm TTh HFA 145 Flicker Max 12
31923 Sec 2 1:00-4:00 pm TTh HFA 145 Flicker Max 12

ArtS 1101. Basic Studio Drawing I. (ArtP; 2 cr; coreq 1103, 1105; one 1xxx ArtH course recommended during the same year; materials fee required)
31924 Sec 1 9:15-11:15 am MW HFA 130 Larson Max 16
32235 Sec 2 1:15-3:15 pm MW HFA 130 Larson Max 16

ArtS 1103. Basic Studio 2-D Design. (ArtP; 2 cr; coreq 1101, 1105; one 1xxx ArtH course recommended during the same year; materials fee required)
31925 Sec 1 10:00-12:00 pm TTh HFA 15 Otten Max 16
32236 Sec 2 1:00-3:00 pm TTh HFA 15 Otten Max 16

ArtS 1105. Basic Studio Discussion I. (ArtP; 1 cr; coreq 1101, 1103; one 1xxx ArtH course recommended during the same year)
31926 11:30-1:00 pm Wed HFA 2 Larson Max 32

ArtS 2101. Drawing from Life I. (ArtP; 3 cr; prereq major or minor or instr consent; materials fee required)
31927 9:00-12:00 pm Fri HFA 130 Ramey Max 16

ArtS 3014. Media Studies: Fabric as Form. (ArtP; 3 cr; prereq major or minor or instr consent)
32704 10:00-12:00 pm TTh HFA 130 Larson Max 14

ArtS 3100. Advanced Drawing I. (ArtP; 3 cr [max 9 cr]; prereq 2101, 2102 recommended; materials fee required)
31928 2:00-4:00 pm TTh HFA 130 Nordin Max 14

ArtS 3200. Printmaking Studio I. (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for nonmajor jrs and srs; materials fee required)
31929 1:00-4:00 pm MW HFA 15 Otten Max 14

ArtS 3300. Painting Studio I. (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for nonmajor jrs and srs; materials fee required)
31930 11:00-1:30 pm TTh HFA 135 Nordin Max 14

ArtS 3400. Sculpture Studio I. (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for nonmajor jrs and srs; materials fee required)
31931 9:00-12:00 pm MW HFA 145 Ramey Max 12

ArtS 3500. Photographic and Digital Processes I: Black and White Film Processes for Beginning Students. (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent; materials fee required)
31926 1:00-3:00 pm MW HFA 14/2 Staff Max 12

ArtS 3650. Advanced Ceramics. (ArtP; 3 cr [max 9 cr]; prereq 1050 or instr consent; materials fee required)
32341 1:00-4:00 pm MW HFA 145 Flicker Max 12

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

Fall Semester 2016
ArtS 4902. Senior Thesis Project I. (2 cr; prereq sr ArtS major, completion of Second Year Portfolio Review; A-F only; materials fee required)
32251  4:00-5:30 pm  Tue  HFA 2  Ramey  Max 12

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

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<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
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<td>Sec 1</td>
<td>10:00-11:15 am</td>
<td>TTh</td>
<td>Sci 1020</td>
<td>Des Lauriers</td>
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<td>Sec 2</td>
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<td>Sci 2190</td>
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<td>Sci 1020</td>
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Biol 1803. Scientific and Cultural Perspectives of Vaccines and Epidemics. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)

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<td>Sci 3665</td>
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Biol 2102. Human Anatomy. (4 cr; prereq soph; no elective cr for biol majors or minors; credit will not be granted if credit has been received for: SSA 2102)(Meets w/SSA 2102)

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<td>9:15-11:15 am</td>
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<td>Sec 3</td>
<td>12:00-2:00 pm</td>
<td>Thu</td>
<td>Sci 2110</td>
<td>Hardy</td>
<td>Max 19</td>
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<td>Sec 4</td>
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<td>Thu</td>
<td>Sci 2110</td>
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<td>Max 19</td>
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Biol 2111. Cell Biology. (Sci-L; 4 cr; prereq 1101 or 1111, Chem 1102 or instr consent)

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<td>Sec 2</td>
<td>3:30-5:30 pm</td>
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<td>Sci 2130</td>
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<td>Max 16</td>
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<td>Sci 2130</td>
<td>Des Lauriers</td>
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<td>Sci 2130</td>
<td>Des Lauriers</td>
<td>Max 16</td>
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<td>Myers</td>
<td>Max 16</td>
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<td>Sec 7</td>
<td>9:00-11:00 am</td>
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<td>Thu</td>
<td>Sci 2130</td>
<td>Myers</td>
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Biol 3121. Molecular Biology. (Sci-L; 5 cr; prereq 2111, Chem 2301 or instr consent)

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<td>Tue + arr</td>
<td>Sci 2170</td>
<td>Dolence</td>
<td>Max 12</td>
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<tr>
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<td>2:00-5:00 pm</td>
<td>Thu + arr</td>
<td>Sci 2170</td>
<td>Dolence</td>
<td>Max 12</td>
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Biol 3131. Ecology. (Sci-L; 4 cr; prereq Biol 2101 or EnSt 2101, Stat 1601 or Stat 2601, or instr consent)

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<td>Sci 3180</td>
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<td>Sec 4</td>
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<td>Sci 3180</td>
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<td>Sec 5</td>
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<td>Fri</td>
<td>Sci 3180</td>
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Biol 3700. Biological Communication I. (1 cr; prereq Biol 2101, 2111)

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<th>Instructor</th>
<th>Capacity</th>
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<td>Sec 1</td>
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<td>Thu</td>
<td>Sci 4655</td>
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<tr>
<td>Sec 2</td>
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<td>Fri</td>
<td>Sci 4655</td>
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Biol 3701. Biological Communication II. (1 cr; prereq 3700, instr consent)

65 min/per week discussion arranged

<table>
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<th>Instructor</th>
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<td>Johnson</td>
<td>Max 4</td>
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<tr>
<td>Sec 2</td>
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<td></td>
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<td>Loberg</td>
<td>Max 4</td>
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<td>Myers</td>
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Fall Semester 2016
**Biol 4131. Vertebrate Natural History.** (4 cr; prereq Biol 2101 or EnSt 2101 or instr consent)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Day</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lec 1</td>
<td>11:45-12:50 pm</td>
<td>MW</td>
<td>Sci 2190</td>
<td>Waye</td>
</tr>
<tr>
<td>32712 Lab 2</td>
<td>2:15-5:15 pm</td>
<td>Mon</td>
<td>Sci 3180</td>
<td>Waye</td>
</tr>
<tr>
<td>32713 Lab 3</td>
<td>2:00-5:00 pm</td>
<td>Tue</td>
<td>Sci 3180</td>
<td>Waye</td>
</tr>
</tbody>
</table>

Max 12

**Biol 4151. Entomology.** (4 cr; prereq Biol 2101 or EnSt 2101 or instr consent)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Day</th>
<th>Location</th>
<th>Instructor</th>
</tr>
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<tbody>
<tr>
<td>Lec 1</td>
<td>9:15-10:20 am</td>
<td>MW</td>
<td>Sci 4655</td>
<td>Anderson</td>
</tr>
<tr>
<td>32707 Lab 2</td>
<td>2:15-5:15 pm</td>
<td>Wed</td>
<td>Sci 3160</td>
<td>Anderson</td>
</tr>
<tr>
<td>32708 Lab 3</td>
<td>2:00-5:00 pm</td>
<td>Thu</td>
<td>Sci 3160</td>
<td>Anderson</td>
</tr>
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</table>

Max 12

**Biol 4211. Biochemistry.** (4 cr; prereq Chem 2302 or Chem 2304, prereq or coreq Biol 3121, or instr consent)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Day</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>32154</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 2190</td>
<td>Soderberg</td>
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</table>

Max 45

**Biol 4231. Immunology.** (4 cr; prereq (or coreq) 3121 or instr consent)

<table>
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<th>Time</th>
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<th>Location</th>
<th>Instructor</th>
</tr>
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<tbody>
<tr>
<td>Lec 1</td>
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<td>MWF</td>
<td>Sci 4655</td>
<td>Johnson</td>
</tr>
<tr>
<td>32716 Lab 2</td>
<td>2:15-5:15 pm</td>
<td>Mon</td>
<td>Sci 2150</td>
<td>Johnson</td>
</tr>
<tr>
<td>32717 Lab 3</td>
<td>2:15-5:15 pm</td>
<td>Wed</td>
<td>Sci 2150</td>
<td>Johnson</td>
</tr>
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</table>

Max 12

**Biol 4301. Plant Biology.** (4 cr; prereq Biol 2101, 2111 or instr consent)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Day</th>
<th>Location</th>
<th>Instructor</th>
</tr>
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<tbody>
<tr>
<td>Lec 1</td>
<td>10:30-11:35 pm</td>
<td>MW</td>
<td>Sci 3665</td>
<td>Staff</td>
</tr>
<tr>
<td>Lab 2</td>
<td>2:00-5:00 pm</td>
<td>Thu</td>
<td>Sci 2150</td>
<td>Staff</td>
</tr>
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</table>

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)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Day</th>
<th>Location</th>
<th>Instructor</th>
</tr>
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<tbody>
<tr>
<td>32309</td>
<td>1:00-4:00 pm</td>
<td>Tue</td>
<td>Sci 2150</td>
<td>Mensinger</td>
</tr>
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</table>

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)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Day</th>
<th>Location</th>
<th>Instructor</th>
</tr>
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<tbody>
<tr>
<td>31880 Sec 1</td>
<td>12:00-1:05 pm</td>
<td>Tue</td>
<td>Sci 1020</td>
<td>Kuchenreuther</td>
</tr>
<tr>
<td>32111 Sec 2</td>
<td>5:00-6:05 pm</td>
<td>Thu</td>
<td>Sci 1020</td>
<td>Kuchenreuther</td>
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<tr>
<td>32644 Sec 3</td>
<td>5:15-6:20 pm</td>
<td>Tue</td>
<td>Sci 1020</td>
<td>Kuchenreuther</td>
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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; 5 cr; prereq Math 0901 or placement beyond Math 0901 using ACT/placement exam score)

<table>
<thead>
<tr>
<th>Lec</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>1</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 2950</td>
<td>10</td>
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<tr>
<td>32237 Lab 2</td>
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<td>Mon</td>
<td>Pappenfus</td>
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<tr>
<td>32238 Lab 3</td>
<td>8:00-11:00 am</td>
<td>Tue</td>
<td>Sci 3175</td>
<td>10</td>
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<td>32239 Lab 4</td>
<td>12:00-3:00 pm</td>
<td>Tue</td>
<td>Sci 3175</td>
<td>10</td>
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<tr>
<td>32240 Lab 5</td>
<td>4:00-7:00 pm</td>
<td>Tue</td>
<td>Sci 3175</td>
<td>10</td>
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<tr>
<td>32241 Lab 6</td>
<td>2:15-5:15 pm</td>
<td>Wed</td>
<td>Sci 3175</td>
<td>10</td>
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<tr>
<td>32242 Lab 7</td>
<td>8:00-11:00 am</td>
<td>Thu</td>
<td>Sci 3175</td>
<td>10</td>
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<tr>
<td>32252 Lab 8</td>
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<td>Thu</td>
<td>Sci 3175</td>
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<tr>
<td>32337 Lab 9</td>
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<td>Sci 3175</td>
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<td>11:45-2:45 pm</td>
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<td>Sci 3175</td>
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### Chem 1801. Science Savvy in Our Modern World. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)

<table>
<thead>
<tr>
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<th>Instructor</th>
<th>Max</th>
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<td>Sci 3665</td>
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<td>MW</td>
<td><strong>Sci 3665</strong></td>
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<td>13</td>
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### Chem 1993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

### Chem 1994. Directed Research. (1-5 cr [max 10 cr]; prereq approved directed research form)

Arranged

### Chem 2301. Organic Chemistry I. (Sci; 4 cr; prereq 1102)

<table>
<thead>
<tr>
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<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
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<td>MWF</td>
<td>Sci 1020</td>
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<td>31883</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Schwartz</td>
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<td>32361</td>
<td>9:15-10:00 am</td>
<td>MWF</td>
<td>Carpenter</td>
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<td>32614 Sec 3</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 1020</td>
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### Chem 2311. Organic Chemistry Lab I. (1 cr; coreq 2301 or instr consent)

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<tr>
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<th>Max</th>
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<tbody>
<tr>
<td>1</td>
<td>8:00-11:00 am</td>
<td>Tue</td>
<td>Sci 3135</td>
<td>16</td>
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<tr>
<td>32196</td>
<td>8:00-11:00 am</td>
<td>Tue</td>
<td>Schwartz</td>
<td>16</td>
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<td>32151</td>
<td>12:00-3:00 pm</td>
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<td>Sci 3135</td>
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<td>Thu</td>
<td>Sci 3135</td>
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### Chem 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

### Chem 2994. Directed Research. (1-5 cr [max 10 cr]; prereq approved directed research form)

Arranged

*Last Update on: 10/12/2016*
## Chem 3101. Analytical Chemistry. (Sci-L; 4 cr; prereq 1102)

<table>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
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<td>Sci 2200</td>
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<tr>
<td>31885</td>
<td>12:00-3:00 pm</td>
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<td>Sci 3040</td>
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<td>Max 12</td>
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<tr>
<td>31886</td>
<td>9:00-12:00 pm</td>
<td>Thu</td>
<td>Sci 3040</td>
<td>Boyd</td>
<td>Max 12</td>
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<tr>
<td>Lab 1</td>
<td>1:00-4:00 pm</td>
<td>Thu</td>
<td>Sci 3040</td>
<td>Goodnough</td>
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## Chem 3501. Physical Chemistry I. (Sci; 4 cr; prereq 1102, Phys 1101, Math 1102 or instr consent)

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<th>Max</th>
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<tr>
<td>31887</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 3650</td>
<td>Alia</td>
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## Chem 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

## Chem 3994. Directed Research. (1-5 cr [max 10 cr]; prereq approved directed research form)

Arranged

## Chem 4352. Synthesis. (4 cr; prereq 2302 or 2304)

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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
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<td>32719</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Sci 3610</td>
<td>Carpenter</td>
<td>Max 15</td>
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## Chem 4901. Chemistry Seminar II. (0.5 cr; prereq 3901; required of all chem majors; may not count toward chem minor; A-F only; full year course begins fall semester)

<table>
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<tr>
<th>Section</th>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>31888</td>
<td>4:00-5:00 pm</td>
<td>Tue</td>
<td>Sci 1020</td>
<td>Mensinger</td>
<td>Max 40</td>
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## Chem 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

## Chem 4994. Directed Research. (1-5 cr [max 10 cr]; prereq approved directed research form)

Arranged

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# CHINESE

**Chn 1001. Beginning Modern Chinese I.** (4 cr)
32573  10:00-11:40 am  TTh  Hum 111  Ren  Max 25

**Chn 2001. Intermediate Chinese I.** (IP; 4 cr; prereq 1002 or placement or instr consent)
32602  8:00-9:40 am  TTh  Hum 12  Ren  Max 15
**COMMUNICATION, MEDIA, AND RHETORIC**

**CMR 1052. Introduction to Public Speaking.** (E/CR; 2 cr)
- 32451 Sec 1 2:00-3:40 pm TTh (1st half) HFA 18 Burke Max 22
- 32351 Sec 2 2:00-3:40 pm TTh (2nd half) HFA 18 Burke Max 22
- 35411 Sec 3 12:00-1:40 pm TTh (2nd half) HFA 18 Moon Max 22

**CMR 1062. Introduction to Interpersonal and Group Communication.** (Hum; 4 cr)
- 32723 1:00-2:05 pm MWF HFA 23 Bezanson Max 25

**CMR 1101. Introduction to Theories of Communication, Media, and Rhetoric.** (Hum; 4 cr)
- 32506 10:00-11:40 am TTh IH 109 Burke, Sotirova Max 75

**CMR 1388. College Newspaper Experience.** (1 cr [max 2 cr]; prereq instr consent)
- 32425 Arranged Burke

**CMR 1389. College Radio Experience.** (1 cr [max 2 cr]; prereq instr consent)
- 32424 Arranged Burke

**CMR 3251. Rhetorical Criticism and Free Speech Discourse.** (E/CR; 4 cr; prereq 1101 or instr consent)
- 34030 9:15-10:20 am MWF HFA 23 Bezanson Max 25

**CMR 3421. Organizational Communication Theory and Research.** (SS; 4 cr; prereq 1101 or instr consent)
- 32722 2:00-3:40 pm TTh HFA 23 Sotirova Max 25

**CMR 3432. Communication Research Methods.** (Hum; 4 cr; prereq 1101 or instr consent)
- 32721 8:00-9:40 am TTh HFA 18 Sotirova Max 20

**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 or instr consent)
- 31999 10:30-11:35 am MWF HFA 23 Bezanson Max 20

**CMR 4800. Directed Experience in Teaching Communication, Media, and Rhetoric.** (1-4 cr [max 8 cr]; prereq instr consent; S-N only)
- 32339 Arranged Bezanson

**CMR 4900. Communication, Media, and Rhetoric Seminar I.** (1 cr; prereq 1052, 1062, 1101, or sr status with instr consent; A-F only)
- 32213 11:45-12:50 pm Wed HFA 23 Burke, Sotirova Max 20

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

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# COMPUTER SCIENCE

**CSci 1251. Computational Data Management and Manipulation.** (M/SR; 4 cr; no elective cr for CSci majors or minors)  
32440 2:15-3:20 pm MWF Sci 1020 McPhee Max 30

**CSci 1301. Problem Solving and Algorithm Development.** (M/SR; 4 cr)  
31890 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)  
32438 Sec 1 10:00-10:50 am TTh Sci 3665 Lamberty Max 13  
32439 Sec 2 11:00-11:50 am TTh Sci 3665 Lamberty Max 13

**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 11:45-12:50 pm MWF Sci 2185 Beaver  
32158 Lab 2 12:00-1:50 pm Tue Sci 2610 Beaver Max 24

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

**CSci 3403. Computing Systems: Practicum.** (2 cr; prereq 1302, 2101 or instr consent)  
32480 10:00-11:50 am TTh 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  
32159 Lab 2 2:00-3:50 pm Thu Sci 2610 Machkasova Max 24

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

**CSci 4553. Theory: Evolutionary Computation and Artificial Intelligence.** (4 cr; prereq 2101 or instr consent)  
32725 10:30-11:35 am MWF Sci 2185 McPhee Max 24

**CSci 4656. Processes, Programming, and Languages: Human-Computer Interaction and Interface Design.** (4 cr; prereq 2101 or instr consent)  
32724 2:15-3:20 pm MWF Sci 2185 Lamberty Max 24

**CSci 4901. Senior Seminar.** (1 cr; prereq IS 1091 or instr consent, jr or sr; S-N only)  
32140 Sec 1 4:00-4:50 pm Thu Sci 2185 Lamberty Max 6  
32479 Sec 2 4:00-4:50 pm Thu Sci 2185 Lamberty Max 6

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

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*Fall Semester 2016*
## DANCE

**Dnce 1331. Ballet I.** (ArtP; 1 cr [max 2 cr]; prereq 1321 or instr consent)(Meets with Dnce 2331)
- 37154
- 2:00-3:40 pm
- TTh
- HFA 125
- Ferrian
- Max 10

**Dnce 1323. Introduction to Tap Dance.** (ArtP; 1 cr; S-N only)
- 32726
- 2:15-3:20 pm
- MW
- HFA 125
- Ferrian
- Max 25

**Dnce 2301. Practicum in Dance.** (ArtP; 1 cr; prereq instr consent)
- 32426
- Arranged
- HFA 125
- Ferrian
- Max 10

**Dnce 2331. Ballet II.** (ArtP; 1 cr)
- 32727
- 2:00-3:40 pm
- TTh
- HFA 125
- Ferrian
- Max 25

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

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

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

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ECONOMICS

Econ 1111. Principles of Microeconomics. (SS; 4 cr; prereq high school algebra or instr consent)
32279 Sec 1 3:30-4:35 pm MWF Sci 3650 Devkota Max 45
32141 Sec 2 2:00-3:40 pm TTh IH 111 Brown Max 45

Econ 1112. Principles of Macroeconomics. (SS; 4 cr; prereq high school algebra or instr consent)
32333 11:45-12:50 pm MWF IH 111 Panda Max 45

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)
32544 8:00-9:40 am TTh (1st half) IH 112 Kildegaard Max 30

Econ 3008. Environmental and Natural Resource Economics II. (Envt; 2 cr; prereq 3007 or instr consent)
32545 8:00-9:40 am TTh (2nd half) IH 112 Kildegaard Max 30

Econ 3113. Money, Banking, and Financial Markets. (SS; 4 cr; prereq 1111, 1112 or instr consent)
3278 2:00-3:40 pm TTh (1st half) IH 2190 Imai Max 30

Econ 4121. International Trade Theory. (2 cr; prereq 3201 or Mgmt 3123 or instr consent)
35034 10:30-11:35 am MWF (1st half) Sci 3655 Imai Max 30

Econ 4501. Senior Research Seminar in Economics and Management. (2 cr [max 4 cr]; prereq sr or 3501 or instr consent; full year course begins fall sem)
32205 Sec 1 3:30-5:10 pm Wed Hum 211 Brown Max 4
32206 Sec 2 3:30-5:10 pm Wed Hum 211 Brown Max 4
32207 Sec 3 3:30-5:10 pm Wed IH 113 Panda Max 4
32208 Sec 4 3:30-5:10 pm Wed IH 109 Burks Max 4

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

Fall Semester 2016
EDUCATION

Ed 1801. Critical Issues in K-12 Education. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
32566 Sec 1 9:30-10:20 am MW Edu 102 Lam Max 13
Sec 2 10:30-11:20 am MW Edu 102 Staff tentative

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; students enrolled in this course are required to pay for and submit to a Minnesota background check; S-N only)
32293 Arranged Harell

Ed 2121. Introduction to Education. (SS; 3 cr; coreq 2111; A-F only)
32292 12:00-1:40 pm TTh MRC 205 Harell Max 36

Ed 2131. Foundations of Reading. (2 cr; this course is a prerequisite for admission to the Elementary Education program; open to students from all disciplines; students enrolled in this course are required to pay for and submit to a Minnesota background check; A-F only)
2:15-3:20 pm MWF (1st half) Sci 4655 Staff Max 30

Ed 2601. Development, Learning, and Teaching. (SS; 4 cr; A-F only)
10:00-11:40 am TTh HFA 6 Staff Max 40

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 4121. Strategies for Inclusive Schooling. (2 cr; prereq ElEd 3101, 3102, 3103, 3111 or admission to the secondary education program; A-F only)
32294 Sec 1 2:00-4:00 pm TTh (9/20/16 to 11/17/16) Sci 2200 Harell Max 30
32428 Sec 2 10:00-11:40 am TTh (2nd half) PEC 250 Harell Max 30

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

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EDUCATION, ELEMENTARY

EIEEd 3101. Teaching and Learning Strategies. (3 cr; prereq admission to the elementary teacher education program; A-F only) Lecture runs 08/25/16 to 09/15/16 only
- Lec 1: 8:00-9:40 am TTh MRC 205 Lam
- 32160 Dis 2: 8:00-9:05 am MWF MRC 205 Lam Max 40

EIEEd 3102. Reading Methods: Literacy and Language Instruction in the Elementary School. (4 cr; prereq admission to elementary teacher education program; A-F only)
- 31860: 9:15-10:20 am MWF MRC 205 Helgeson Max 40

EIEEd 3103. Mathematics in the Elementary School. (4 cr; prereq admission to the elementary teacher education program; A-F only)
- 32098: 2:00-3:40 pm TTh MRC 205 Bovre Max 40

EIEEd 3111. Practicum I: Field Experience in the Elementary Classroom. (1 cr; prereq admission to the elementary teacher education program; S-N only)
- 32134: Arranged Lam Max 40

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

EIEEd 4102. Social Studies in the Elementary School. (2 cr; prereq 3201, 3202, (3211 or 3212); A-F only)
(Class held 09/20/16 to 12/08/16)
- 31861: 8:00-9:40 am TTh MRC 205 Bovre Max 40

EIEEd 4103. Science in the Elementary School. (2 cr; prereq 3201, 3202, (3211 or 3212); A-F only)
(Class held 09/20/16 to 12/08/16)
- 31862: 10:00-11:40 am TTh MRC 205 Bovre Max 40

EIEEd 4104. Language Arts and Literature in the Elementary School. (3 cr; prereq 3201, 3202, (3211 or 3212); A-F only)
(Class held 09/19/16 to 12/07/16)
- 31863: 11:00-12:40 pm MW MRC 205 Helgeson Max 40

EIEEd 4107. Health and Physical Education in the Elementary School. (1 cr; prereq 3201, 3202, (3211 or 3212); A-F only)
- 32143: Arranged Bovre Max 40

EIEEd 4111. Practicum III: Beginning Student Teaching. (2 cr; prereq 3201, 3202, (3211 or 3212); S-N only)
- 32092: Arranged Rudney Max 40

EIEEd 4112. Practicum IV: Cross-Cultural Experience in the Elementary School. (1 cr [max 2 cr]; 3201, 3202, (3211 or 3212); S-N only)(Class held 09/19/16 to 12/05/16; fulltime practicum 10/24/16 to 10/28/16)(special fee required if practicum is in Chicago)
- 32091: 2:15-3:20 pm Mon MRC 205 Rudney Max 40

EIEEd 4204. Directed Global Student Teaching at the Primary and Intermediate Level (S-N grading). (IP; 12 cr; prereq 4102, 4103, 4104, 4111, 4112, passing scores on MTLE Basic Skills or instr consent)
- 32281 Sec 500: Study Abroad UMM Students Lam
- 37446 Sec 501: Study Abroad Non-UMM Students Lam

EIEEd 4205. Directed Global Student Teaching at the Primary and Intermediate Level (A-F grading). (1-16 cr; prereq passing scores on MTLE basic skills or instr consent; A-F only)
- 32282 Sec 501: Study Abroad Non-UMM Students Lam

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

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

SeEd 4102. Teaching and Learning Strategies. (2 cr; prereq admission to the secondary teacher education program; coreq 4103, 4104, 4105, methods; A-F only)
31865 Sec 1 12:20-2:00 pm Mon Edu 102 Jepma Max 17
32734 Sec 2 2:15-3:55 pm Mon Edu 102 Jepma Max 17

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 8:00-4:00 pm time period is in the schools not at UMM.)
32135 8:00-4:00 pm WTh Page Max 25
2:00-3:40 pm Tue Sci 3610

SeEd 4104. Teaching Diverse Learners. (HDiv; 2 cr; prereq admission to the secondary teacher education program; coreq 4102, 4103, 4105, methods; A-F only)
32225 8:00-11:30 am Tue (1st half) Hum 205 Page Max 20

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)
32226 8:00-11:30 am Fri (1st half) PEC 250 Page Max 20

SeEd 4115. Advanced Content Reading. (Hum; 2 cr; prereq 4105; A-F only)
32295 10:30-11:35 am Mon (2nd half) Sci 2190 Page Max 15

SeEd 4204. Directed Global Student Teaching at the Middle and Secondary Level (S-N grading). (IP; 12 cr; prereq 4102, 4103, 4104, 4105, methods, CMR 1042 or CMR 1052, passing scores on MTLE basic skills or instr consent)
32284 Sec 500 Study Abroad UMM Students Lam
37447 Sec 501 Study Abroad Non-UMM Students Lam

SeEd 4205. Directed Student Teaching at the Middle and Secondary Level (A-F grading). (1-16 cr; prereq passing scores on MTLE basic skills or instr consent; A-F only)
32285 Sec 501 Study Abroad Non-UMM Students Lam

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 4102, 4103, 4104, 4105 – 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)
32122 10:00-12:00 pm Mon Edu 106 Wahl Max 15

EngE 4121. Methods of Teaching Communication Arts & Literature in the Middle and Secondary School. (4 cr; A-F only)
32113 6:00-7:30 pm Tue Damm Max 15

LanE 4123. Methods of Teaching Foreign Language K-12. (4 cr; A-F only)
32114 6:00-8:00 pm Thu Edu 106 Buysse Max 15

MthE 4121. Methods of Teaching Mathematics in the Middle and Secondary School. (4 cr; A-F only)

Fall Semester 2016
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Day</th>
<th>Location</th>
<th>Instructor</th>
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<td>32115</td>
<td>4:30-7:30 pm</td>
<td>Mon</td>
<td>Edu 211</td>
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*Fall Semester 2016*
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<td>MusE 4123</td>
<td>Kleinwolterink</td>
<td>4 cr</td>
<td>Methods of Teaching Music K-12</td>
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<td>4 cr</td>
<td>Methods of Teaching Science in the Middle and Secondary School</td>
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<td>4:30-7:30 pm</td>
<td>Edu 106</td>
<td>Max 15</td>
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<tr>
<td>SScE 4121</td>
<td>Hendershott</td>
<td>4 cr</td>
<td>Methods of Teaching Social Science in the Middle and Secondary School</td>
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**ENGLISH**

**Engl 1001. Fundamentals of Writing.** (4 cr; does not fulfill the Writing for the Liberal Arts (WLA) requirement)

<table>
<thead>
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<th>Section</th>
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<tr>
<td>Sec 1</td>
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<td>IH 202</td>
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<tr>
<td>Sec 2</td>
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<td>IH 202</td>
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**Engl 1011. College Writing.** (4 cr; does not fulfill the Writing for the Liberal Arts (WLA) requirement)

*Non-degree and PSEO Students Only*

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<tr>
<td>32452</td>
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<td>Yerka</td>
<td>Max 18</td>
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**Engl 1601. Writing for the Liberal Arts.** (WLA; 4 cr)(*Sections 20 and 21 are reserved for English as a Second Language (ESL) students. A permission number is required to register.)*

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<tr>
<td>Sec 1</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Hum 11</td>
<td>Miller</td>
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<tr>
<td>Sec 2</td>
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<td>HFA 18</td>
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<td>Sec 3</td>
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<td>Hum 5</td>
<td>Twenter</td>
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<td>Sec 4</td>
<td>1:00-2:05 pm</td>
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<td>Hum 111</td>
<td>Wenzel</td>
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<tr>
<td>Sec 5</td>
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<td>HFA 18</td>
<td>Twenter</td>
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<td>Sec 6</td>
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<td>Johnson</td>
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<td>Hum 11</td>
<td>D. Ericksen</td>
<td>Max 18</td>
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<td>Sec 8</td>
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<td>HFA 18</td>
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<td>Sec 9</td>
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<td>Hum 5</td>
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<td>Sec 10</td>
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<td>Hum 11</td>
<td>Kolaya</td>
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<td>Sec 11</td>
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<td>Hum 11</td>
<td>Yerka</td>
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<tr>
<td>Sec 12</td>
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<td>HFA 5</td>
<td>Wenzel</td>
<td>Max 18</td>
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<td>Sec 13</td>
<td>2:00-3:40 pm</td>
<td>TTh</td>
<td>Hum 11</td>
<td>Yerka</td>
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**Engl 1801. Fan Cultures and Fan Creativity.** (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)

<table>
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<td>32744</td>
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<td>TTh</td>
<td>Hum 205</td>
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**Engl 1804. The American Graphic Novel.** (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)

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<td>34323</td>
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<td>TTh</td>
<td>IH 113</td>
<td>Deane</td>
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**Engl 1805. Environmentalism in Science Fiction and Fantasy.** (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)

<table>
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<td>35669</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Hum 111</td>
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**Engl 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

*Arranged*

**Engl 2061. Introduction to Popular Literature: Detection and Espionage in Fiction and Film.** (Hum; 4 cr; prereq 1601 (or 1011) or equiv or declared English major)

<table>
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<td>32741</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>HFA 18</td>
<td>Miller</td>
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**Engl 2106. Topics in Writing: The Environmental Imagination: Reading and Writing about the Natural World.** (Envt; 4 cr; prereq 1601 (or 1011) or equiv)

<table>
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<td>32334</td>
<td>10:00-11:40 am</td>
<td>TTh</td>
<td>HFA 23</td>
<td>Kildegaard</td>
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**Engl 2121. Topics in Writing: Introduction to Creative Writing.** (ArtP; 4 cr; prereq 1601 (or 1011) or equiv)

<table>
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<td>32370</td>
<td>3:30-5:10 pm</td>
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<td>Hum 11</td>
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<tr>
<td>32510</td>
<td>2:00-3:40 pm</td>
<td>TTh</td>
<td>Hum 111</td>
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*Fall Semester 2016*
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<th>Instructor</th>
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<tr>
<td>Engl 2201</td>
<td>Survey of British Literature to the 18th Century.</td>
<td>4</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Hum 205</td>
<td>J. Ericksen</td>
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<tr>
<td>Engl 2211</td>
<td>Survey of American Literature to the Civil War.</td>
<td>4</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Hum 111</td>
<td>D. Ericksen</td>
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<tr>
<td>Engl 2501</td>
<td>Literary Studies.</td>
<td>4</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
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<td>Engl 2993</td>
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<td>Engl 3005</td>
<td>Understanding Writing: Theories and Practices.</td>
<td>4</td>
<td>10:00-11:40 am</td>
<td>TTh</td>
<td>IH 217</td>
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<tr>
<td>Engl 3012</td>
<td>Advanced Fiction Writing.</td>
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<td>12:00-1:40 pm</td>
<td>TTh</td>
<td>Hum 11</td>
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<tr>
<td>Engl 3021</td>
<td>Grammar and Language.</td>
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<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Hum 205</td>
<td>J. Ericksen</td>
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<tr>
<td>Engl 3043</td>
<td>Medieval Makings of Tolkien’s Worlds.</td>
<td>4</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Hum 5</td>
<td>J. Ericksen</td>
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<tr>
<td>Engl 3332</td>
<td>African American Women Writers.</td>
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<td>10:30-11:35 am</td>
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<td>Engl 3444</td>
<td>Holocaust Literature and Film.</td>
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<td>9:15-10:20 am</td>
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<td>Hum 11</td>
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<tr>
<td>Engl 4027</td>
<td>Research Seminar: Dickens and Criticism.</td>
<td>4</td>
<td>4:00-5:40 pm</td>
<td>TTh</td>
<td>Hum 12</td>
<td>Deane</td>
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<td>1-5</td>
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ENVIRONMENTAL SCIENCE

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

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

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ENVIRONMENTAL STUDIES

EnSt 1101. Environmental Problems and Policy. (Envt; 4 cr)
32243 Sec 1 10:00-11:40 am TTh Sci 1030 Loo Max 30
32408 Sec 2 4:00-5:40 pm TTh Sci 1030 Loo Max 30

EnSt 1201. Mapping the Environment. (Envt; 4 cr; no elective cr for EnSt majors if credit has been received for Geol 2161)
32417 10:30-11:35 am MWF IH 11 Brands Max 18

EnSt 2101. Environmental Biology. (Sci-L; 4 cr; credit will not be granted if credit has been received for Biol 2101)
Lec 1 11:45-12:50 pm MW Sci 2200 Loberg Max 12
32551 Lab 2 9:00-12:00 pm Tue Sci 3160 Loberg Max 12
32552 Lab 3 2:00-5:00 pm Tue Sci 3160 Loberg Max 12

EnSt 3101. Industrial Ecology. (4 cr; prereq 1101, 2101, Econ 1111, Geol 1101, Stat 1601 or instr consent)
33585 2:00-3:40 pm TTh IH 203 Brands Max 15

EnSt 3988. Environmental Studies Pre-Internship Seminar. (1 cr; prereq 1101; S-N only)(Meets w/EnSt 3989)
32418 7:00-8:40 pm Thu (1st half) IH 217 Brands Max 20

EnSt 3989. Environmental Studies Post-Internship Seminar. (1 cr; prereq 3988 or instr consent; A-F only)(Meets w/EnSt 3988)
32419 7:00-8:40 pm Thu (2nd half) IH 217 Brands Max 20

EnSt 3996. Internships/Field Experience in Environmental Studies. (2-4 cr; prereq completed internship approval form; S-N only)
Arranged Staff

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<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
<th>Schedule Details</th>
<th>Instructor</th>
<th>Max Capacity</th>
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<tr>
<td>Fren 1001</td>
<td>Beginning French I. (4 cr)</td>
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<td>10:30-11:35 am MWF</td>
<td>Bevevino</td>
<td>Max 25</td>
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<td>Hum 5</td>
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<td>Fren 1993</td>
<td>Directed Study. (1-5 cr; [max 10 cr]; prereq approved directed study form)</td>
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<td>Fren 2001</td>
<td>Intermediate French I. (4 cr; prereq 1002 or placement or instr consent)</td>
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<td>1:00-2:05 pm MWF</td>
<td>T. Berberi</td>
<td>Max 25</td>
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<td>Hum 11</td>
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<td>Fren 2993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<td>Fren 3002</td>
<td>Civilization and Composition: From the Middle Ages to Classicism. (Hist; 2 cr; prereq 2002 or instr consent)</td>
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<td>11:45-12:50 pm MWF (1st half)</td>
<td>Bevevino</td>
<td>Max 15</td>
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<td>Fren 3003</td>
<td>Civilization and Composition: France Since the Revolution of 1789. (Hist; 2 cr; prereq 2002 or instr consent)</td>
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<td>11:45-12:50 pm MWF (2nd half)</td>
<td>T. Berberi</td>
<td>Max 15</td>
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<td>Fren 3004</td>
<td>Civilization and Composition: Colonialism and Francophone Worlds. (Hist; 2 cr; prereq 2002 or instr consent)</td>
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<td>3:30-4:35 pm MWF (1st half)</td>
<td>Buchanan</td>
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<td>Hum 205</td>
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<td>Fren 3113</td>
<td>Advanced Language Studies: Theme et Version. (2 cr; prereq (or coreq) 3011 or instr consent; no credit for students who have received cr for Fren 3011)</td>
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<td>9:15-10:20 am MWF (1st half)</td>
<td>T. Berberi</td>
<td>Max 15</td>
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<td>Hum 12</td>
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<tr>
<td>Fren 3410</td>
<td>Medieval and Early Modern Studies: Troubadours and Old Occitan: Creative Writing in the Middle Ages. (completion of 1002 its equivalency, or above in Fren, Span, Ital, Ger, Lat, or Greek or instr consent; accommodations made for students from other departments; knowledge of a romance language is advised)</td>
<td></td>
<td>4:00-5:40 pm TTh</td>
<td>Bevevino</td>
<td>Max 15</td>
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<td>Hum 111</td>
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<td>Fren 3993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<td>Fren 4902</td>
<td>French Capstone Project. (2 cr; prereq a minimum of 16 credits completed in 3xxx electives, instr consent)</td>
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<td>8:00-9:05 am MW</td>
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<td>Hum 12</td>
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<td>Fren 4993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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**GWSS 1101. Introduction to Gender, Women, and Sexuality Studies.** (HDiv; 4 cr)  
32254 12:00-1:40 pm TTh IH 114 Rothchild Max 30

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

**GWSS 4901. Gender, Women, and Sexuality Studies Capstone.** (1 cr; prereq completion of 32 cr in women’s studies; A-F only)  
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
31895 Lab 2 1:00-4:00 pm Mon Sci 1650 Gilbertson Max 24
31896 Lab 3 2:00-5:00 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)
32458 9:15-10:20 am MWF Sci 2200 Brugger Max 45

Geol 2101. Mineralogy and Crystallography. (Sci-L; 4 cr; prereq 1101, Chem 1101 or instr consent)
Lec 1 11:45-12:50 pm MWF Sci 1510 Crabtree
32248 Lab 2 2:00-5:00 pm Tue Sci 1510 Crabtree Max 12

Geol 2121. Sedimentology and Stratigraphy. (Sci-L; prereq 2101)
Lec 1 10:00-11:40 am TTh Sci 2950 Gilbertson
33591 Lab 2 2:15-5:00 pm Fri Sci 1540 Gilbertson Max 20

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

Geol 3011. Earth Resources. (Envt; 4 cr; prereq any 1xxx or 2xxx Geol course or instr consent)
33592 9:15-10:20 am MWF Sci 1510 Crabtree Max 12

Geol 3111. Introduction to Paleontology. (Sci-L; 4 cr; prereq 2151 or Biol 2101 or EnSt 2101 or instr consent)
Lec 1 11:45-12:50 pm MW Sci 3655 Anderson
Lab 2 2:00-5:00 pm Tue Sci 1515 Anderson Max 12

Geol 3501. Hydrology. (Sci; 4 cr; prereq Math 1101 or instr consent)
32381 10:30-11:35 am MWF Sci 3610 Brugger Max 20

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)
31897 Arranged Crabtree

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

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GERMAN

Ger 1001. Beginning German I. (4 cr)
31938 Sec 1  1:00-2:05 pm  MWF  Hum 205  Carey  Max 25
32410 Sec 2  12:00-1:40 pm  TTh  Hum 205  Wilberg  Max 25

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)
32355  10:30-11:35 am  MWF  Hum 12  Carey  Max 25

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

Ger 3101. Introduction to German Literature and Culture I. (Hum; 4 cr; prereq 2002 or instr consent; may enroll concurrently with 3001)
33588  10:00-11:40 am  TTh  Hum 12  Wilberg  Max 15

Ger 3333. Advanced German Grammar. (IP; 4 cr; prereq 2002 or instr consent; may enroll concurrently with 3101)
32523  2:15-3:20 pm  MWF  Hum 12  Wilberg  Max 15

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

Ger 4001. German Civilization I: From the Stone Age to 1871. (Hist; 4 cr; prereq 3333 or equiv)
33589  2:00-3:40 pm  TTh  Hum 12  Carey  Max 15

Ger 4901. Senior Project. (1-5 cr [max 10 cr]; prereq 3011 or instr consent)
32617  Arranged  Carey

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

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# HISTORY

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<th>Course</th>
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<th>Credits</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
<th>Notes</th>
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<tr>
<td>Hist 1111.</td>
<td>Introduction to World History.</td>
<td>(Hist; 4 cr)</td>
<td>2:00-3:40 pm</td>
<td>TTh</td>
<td>IH 109</td>
<td>Narvaez</td>
<td>Max 60</td>
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<tr>
<td>Hist 1112.</td>
<td>Introduction to African History to 1880.</td>
<td>(Hist; 4 cr)</td>
<td>2:00-3:40 pm</td>
<td>TTh</td>
<td>HFA 6</td>
<td>James</td>
<td>Max 40</td>
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<tr>
<td>Hist 1301.</td>
<td>Introduction to U.S. History.</td>
<td>(Hist; 4 cr)</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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<tr>
<td>Hist 1501.</td>
<td>Introduction to East Asian History: China, Japan, and Korea before 1800.</td>
<td>(Hist; 4 cr)</td>
<td>2:00-3:40 pm</td>
<td>TTh</td>
<td>IH 101</td>
<td>Gao</td>
<td>Max 40</td>
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<td>Hist 1819.</td>
<td>Medieval Cathedrals as Historical Sources.</td>
<td>(IC; 2 cr)</td>
<td>3:30-4:20 pm</td>
<td>MW</td>
<td>IH 217</td>
<td>Deane</td>
<td>Max 13</td>
<td>Enrollment at UMM</td>
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<tr>
<td>Hist 2151.</td>
<td>Modern Europe.</td>
<td>(Hist; 4 cr)</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>IH 113</td>
<td>Bruce</td>
<td>Max 30</td>
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<td>Hist 2312.</td>
<td>History of South Africa.</td>
<td>(Hist; 4 cr)</td>
<td>12:00-1:40 pm</td>
<td>TTh</td>
<td>Hum 111</td>
<td>James</td>
<td>Max 25</td>
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<tr>
<td>Hist 2452.</td>
<td>Minnesota History.</td>
<td>(Hist; 4 cr)</td>
<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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<tr>
<td>Hist 2552.</td>
<td>History of Modern China.</td>
<td>(Hist; 4 cr)</td>
<td>12:00-1:40 pm</td>
<td>TTh</td>
<td>IH 113</td>
<td>Gao</td>
<td>Max 25</td>
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<tr>
<td>Hist 2609.</td>
<td>History of Brazil: From Sugar to Sugar Cars.</td>
<td>(Hist; 4 cr)</td>
<td>10:00-11:40 am</td>
<td>TTh</td>
<td>IH 113</td>
<td>Narvaez</td>
<td>Max 25</td>
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<tr>
<td>Hist 3008.</td>
<td>The Making of the Islamic World.</td>
<td>(Hdiv; 4 cr)</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>IH 114</td>
<td>Deane</td>
<td>Max 25</td>
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<tr>
<td>Hist 3181.</td>
<td>The Study of History: Schools, Rules, and Tools.</td>
<td>(Hist; 4 cr)</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>IH 217</td>
<td>Deane</td>
<td>Max 18</td>
<td>Prereq instr consent; no credit for students who have received cr for Hist 2001</td>
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<td>Hist 3212.</td>
<td>The French Revolution.</td>
<td>(Hist; 4 cr)</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>IH 111</td>
<td>Bruce</td>
<td>Max 25</td>
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<td>Hist 3214.</td>
<td>History of Childhood.</td>
<td>(Hist; 4 cr)</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>IH 113</td>
<td>Bruce</td>
<td>Max 25</td>
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<tr>
<td>Hist 3304.</td>
<td>Race, Class, and Gender in American History.</td>
<td>(Hdiv; 4 cr)</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>IH 114</td>
<td>Whalen</td>
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<tr>
<td>Hist 3351.</td>
<td>The U.S. Presidency Since 1900.</td>
<td>(SS; 4 cr)</td>
<td>3:30-5:10 pm</td>
<td>MW</td>
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<td>Guyotte</td>
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<td>Hist 3403.</td>
<td>American Indian Education: History and Representation.</td>
<td>(Hdiv; 4 cr)</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>IH 114</td>
<td>Whalen</td>
<td>Max 10</td>
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*Fall Semester 2016*
**Hist 3456. History of Religion in America.** (Hist; 4 cr)
33601 8:00-9:40 am  TTh  IH 113  Gross  Max 20

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

**Hist 4501. Senior Research Seminar in History.** (4 cr; prereq 3181, instr consent; A-F only)
32316 4:00-6:00 pm  Tue  IH 217  Guyotte  Max 15

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

Hum 1305. Career Preparation in World Languages. (1 cr)
34073 3:30-4:35 pm MW Hum 205 Buchanan Max 15

Hum 1801. Talking about Love, War, Gods, and Politics with Greeks and Romans. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
35026 Sec 1 11:45-12:35 pm MW IH 217 Wenzel Max 13
35027 Sec 2 3:30-4:20 pm MW Hum 111 Wenzel Max 13

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

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INTERDISCIPLINARY STUDIES

IS 1041. Health Sciences Terminology. (2 cr)
32365 Completely online Staff

IS 1061. Mastering Skills for College Success. (2 cr; prereq instr consent; S-N only)
32273 9:15-10:20 am MWF (2nd half) IH 203 V. Berberi 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)
31913 Arranged Hardy

IS 1804. Community Engagement: From Volunteerism to Social Justice. (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)
34054 12:00-1:40 pm TTh Sci 3610 Manolis Max 24

IS 1806. Bottom Dwellers in an Ocean of Air. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
34947 2:00-3:40 pm Thu Sci 3610 Boyd Max 13

IS 1810. Global Flashpoints. (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)
8:00-9:05 am MWF HFA 18 Miller Max 24

IS 1814. Big Ideas in Science. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
35198 9:15-10:05 am MW Sci 2185 Barbour Max 13

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 the Honors Program or instr consent)

Lec 1 2:00-2:50 pm Thu Sci 1030 Togeas
32577 Dis 2 1:00-1:50 pm Tue Sci 3665 Togeas Max 15
32578 Dis 3 4:00-4:50 pm Tue Sci 3665 Togeas Max 15

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

IS 3248H. Honors: Art & History of the Crusades. (FA; 4 cr; prereq participation in Honors Program or instr consent)
32580 4:00-6:00 pm Tue HFA 6 Schryver, J. Deane Max 15

IS 3249H. Honors: Literature Through Opera. (FA; 2 cr; prereq participation in Honors Program or instr consent)
34001 1:00-1:50 pm MW HFA 185 D. Odello Max 15

IS 3710. Peer Tutoring in College. (1 cr [max 3 cr]; S-N only)
32274 Arranged Hoekstra

IS 3720. Tutoring Writing Across the Disciplines. (1-2 cr [max 6 cr]; prereq Engl 1601 (or 1011) or equiv, soph standing, instr consent; coreq Engl 3005 for students in their first semester at the Writing Room; S-N only)
32217 Arranged Turk

Fall Semester 2016
IS 3796. Interdisciplinary Internship in the Helping Professions. (1-16 cr [max 32 cr]; prereq Psy 4102, approved internship form; Psy 4101 recommended; S-N only)
   Arranged

IS 3800. Practicum in Social Sciences. (1-2 cr [max 4 cr]; prereq instr consent; S-N only)
   Arranged

IS 3810. Practicum in the Humanities. (1-2 cr [max 4 cr]; prereq instr consent; S-N only)
   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 3991H. Honors Co-Curricular Independent Study. (1-2 cr [max 2 cr]; prereq approved co-curricular honors independent study form; A-F 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 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
   Arranged

IS 4994H. Honors Capstone Project. (2 cr; prereq approved Honors capstone project form, participation in Honors Program)
   Arranged

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**ITALIAN**

**Ital 1001. Beginning Italian I.** (4 cr)
- 32157 11:45-12:50 pm MWF
- Hum 111
- V. Berberi
- Max 25

**Ital 1802. Italian Cultural Landscapes: Migration and the Environment in Literature and Film.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
- 35000 12:00-1:40 pm Thu
- Hum 5
- V. Berberi
- Max 13
- 35001 2:00-3:40 pm Tue
- IH 202
- V. Berberi
- Max 13

**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
## LANGUAGE

### Lang 1061. Writing in the American University.  (3 cr; prereq non-native speaker of English, instr consent)

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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<td>32299</td>
<td>2:15-3:05 pm</td>
<td>MWF</td>
<td>IH 202</td>
<td>Pederson</td>
<td>10</td>
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<tr>
<td>32300</td>
<td>2:00-3:20 pm</td>
<td>TTh</td>
<td>Sci 2185</td>
<td>Robinson</td>
<td>15</td>
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<tr>
<td>32642</td>
<td>10:00-11:20 am</td>
<td>TTh</td>
<td>Sci 4655</td>
<td>Robinson</td>
<td>15</td>
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<tr>
<td>37489</td>
<td>12:00-1:20 pm</td>
<td>TTh</td>
<td>Hum 211</td>
<td>Robinson</td>
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### Lang 1062. Reading in the American University.  (2 cr [max 4 cr]; prereq non-native speaker of English, instr consent; S-N only)

<table>
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<td>32301</td>
<td>10:30-11:35 am</td>
<td>MW</td>
<td>HFA 6</td>
<td>Robinson</td>
<td>20</td>
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<tr>
<td>32524</td>
<td>11:45-12:50 pm</td>
<td>MW</td>
<td>HFA 18</td>
<td>Robinson</td>
<td>20</td>
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<td>37490</td>
<td>2:15-3:20 pm</td>
<td>MW</td>
<td>Sci 4655</td>
<td>Robinson</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)

*Course runs 09/01/16 to 11/17/16*

<table>
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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
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<td>32303</td>
<td>4:00-5:05 pm</td>
<td>Thu</td>
<td>Sci 2190</td>
<td>Pederson</td>
<td>12</td>
</tr>
<tr>
<td>32304</td>
<td>10:00-11:30 am</td>
<td>Tue</td>
<td>Sci 2185</td>
<td>Pederson</td>
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<td>32305</td>
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<td>37491</td>
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<td>Hum 211</td>
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### Lang 1071. Writing in the American University II.  (3 cr; prereq 1061, instr consent)

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LATIN

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

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

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

LAT 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged
LATIN AMERICAN AREA STUDIES

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)
31920 Arranged Narvaez

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

LAAS 4901. Senior Capstone in Latin American Area Studies. (2-4 cr; prereq 3201, sr LAAS major, instr consent; A-F only)
32400 3:30-5:10 pm MW IH 202 Genova Cap 12

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

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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)
32013 Sec 1 8:00-9:05 am MWF  IH 101  Wyum  Max 40
32014 Sec 2 11:45-12:50 pm MWF  IH 101  Wyum  Max 40

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)
32015 10:00-11:40 am TTh  IH 112  Imai  Max 30

Mgmt 3151. Human Resources Management I. (E/CR; 2 cr; prereq 2101 or instr consent)
32459 2:15-3:20 pm MWF (1st half)  Sci 2190  Economou  Max 30

Mgmt 3152. Human Resources Management II. (HDiv; 2 cr; prereq 3151 or instr consent)
32460 2:15-3:20 pm MWF (2nd half)  Sci 2190  Economou  Max 30

Mgmt 3221. Management and Organization Theory. (SS; 4 cr; prereq 2101, Econ 1111 or instr consent)
32332 9:15-10:20 am MWF  IH 101  Wyum  Max 30

Mgmt 3601. Transnational Enterprise. (IP; 4 cr; prereq 2101, Econ 1111, Econ 1112 or instr consent)
32263 11:45-12:50 pm MWF  IH 113  Bina  Max 30

Mgmt 3701. Organizational Behavior. (SS; 4 cr; credit will not be granted if credit has been received for Psy 3701; prereq Stat 1601 or Stat 2601, jr or sr)(Meets w/Psy 3701)
32210 10:30-11:35 am MWF  IH 111  Stewart  Max 20

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

Mgmt 4501. Globalization and Business Strategy. (2 cr; prereq 3601 or instr consent)
32731 2:15-3:20 pm MWF (1st half)  IH 112  Bina  Max 30

Mgmt 4502. Technological Change, Labor Market, and Skill Formation. (2 cr; prereq 3601 or instr consent)
32732 2:15-3:20 pm MWF (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

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)
32097 1:00-2:05 pm MWF Sci 3650 Rambow Max 50

**Math 1001. Excursions in Mathematics.** (M/SR; 4 cr; prereq 2 yrs high school math)
32317 8:00-9:05 am MWF Sci 1030 Logan Max 35

**Math 1012. PreCalculus I: Functions.** (4 cr; prereq Math 0901 or placement; no credit for students who have received credit for Math 1014)
32258 Sec 1 8:00-9:05 am MWF Sci 3610 Rambow Max 40
32407 Sec 2 2:15-3:20 pm MWF Sci 3650 Altmann Max 40

**Math 1013. PreCalculus II: Trigonometry.** (M/SR; 2 cr; prereq Math 0901 or placement; no credit for students who have received credit for Math 1014)
32259 9:00-9:50 am TTh Sci 3650 Roberts Max 40

**Math 1021. Survey of Calculus.** (M/SR; 4 cr; prereq 1012 or placement; credit will not be granted for Math 1021 if a grade of C- or higher has previously been received for Math 1014)
32441 2:15-3:20 pm MWF Sci 2200 McQuarrie Max 30

**Math 1101. Calculus I.** (M/SR; 5 cr; prereq 1012, 1013 or placement)
31899 Sec 1 8:00-9:05 am MWF 8:00-9:40 am Tue Sci 3510 Altmann Max 35
31900 Sec 2 10:30-11:35 am MWF 10:00-11:40 am Tue Sci 3510 Atkinson Max 35
31901 Sec 3 2:15-3:20 pm MWF 2:00-3:40 pm Thu Sci 3510 Chasman Max 35

**Math 1102. Calculus II.** (M/SR; 5 cr; prereq 1101)
31902 Sec 1 11:45-12:50 pm MWF 12:00-1:40 pm Tue Sci 3510 Roberts Max 35
32318 Sec 2 1:00-2:05 pm MWF 12:00-1:40 pm Thu Sci 3510 Altmann 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)
31906 9:15-10:20 am MWF Sci 3510 Atkinson Max 35

**Math 2111. Linear Algebra.** (M/SR; 4 cr; prereq 1102 or instr consent)
32275 1:00-2:05 pm MWF Sci 1030 Logan Max 35

**Math 2211. History of Mathematics.** (4 cr; prereq 1101 or higher or instr consent)
33607 3:30-4:35 pm MWF Sci 2200 Roberts Max 30

**Math 2401. Differential Equations.** (M/SR; 4 cr; prereq 1102 or instr consent)
31907 8:00-9:05 am MWF Sci 3650 McQuarrie Max 40

**Math 2501. Probability and Stochastic Processes.** (M/SR; 4 cr; credit will not be granted if credit has been received for Stat 2501; prereq 1101 or instr consent)(Meets w/Stat 2501)
32176 2:15-3:20 pm MWF Sci 3610 Sungur Max 15

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

*Fall Semester 2016*
### Math 3221. Real Analysis I. (4 cr; prereq 1102, 2202, or instr consent)

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<td>Sci 3610</td>
<td>Chasman</td>
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### Math 3411. Discrete and Combinatorial Mathematics. (4 cr; prereq 1102 or higher or instr consent)

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<td>Sci 4655</td>
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### Math 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

### Math 4252. Differential Geometry. (2 cr; prereq instr consent)

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<td>Sci 4655</td>
<td>Atkinson</td>
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### Math 4401. Numerical Methods with Applicatons in Mathematica Modeling. (4 cr; prereq 2111, 2401 or instr consent)

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<td>TTh</td>
<td>Sci 4655</td>
<td>McQuarrie</td>
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### Math 4901. Senior Seminar. (2 cr; prereq sr, math major; full year course begins fall sem; A-F only)

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

Arranged

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MUSIC

Mus 1000. Concert Attendance. (.5 cr [max 3.5 cr]; prereq major or minor; S-N only)
32319 Sec 1 Arranged  This section is for majors                B. Miller
32465 Sec 2 Arranged  This section is for minors and non-majors B. Miller

Mus 1041. Introduction to Music. (FA; 4 cr)
31941  9:15-10:20 am MWF    HFA 185    D. Odello    Max 50

Mus 1044. Class Piano for the Non-Music Major. (ArtP; 1 cr; special fee required)
32356 Sec 1  9:15-10:05 am Wed    HFA 175    Klemetson    Max 12
32357 Sec 2  10:30-11:20 am Wed    HFA 175    Klemetson    Max 12

Mus 1045. Class Guitar. (ArtP; 1 cr; special fee required)
32162  2:00-3:00 pm Tue    HFA 170    Flegel    Max 25

Mus 1050. Accompanying. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
31942  6:15-7:15 pm Thu    HFA 160    DuHamel

Mus 1061. Introduction to World Music. (IP; 4 cr)
32264  10:30-11:35 am MWF    HFA 185    D. Odello    Max 50

Mus 1070. Chamber Ensemble. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
31945  6:00-7:00 pm Wed    HFA 180    Tillier

Mus 1080. Jazz Combo. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
31946  6:00-7:00 pm Mon    HFA 180    Campbell

Mus 1081. Jazz Improvisation. (ArtP; 2 cr; prereq instr consent)
33953  9:00-9:50 am TTh    HFA 180    Campbell

Mus 1090. Vocal Chamber Ensemble. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
Arranged Staff

Mus 1101. Core Studies I: Music Theory I. (M/SR; 4 cr; prereq major or minor or instr consent; concurrent enrollment in piano class/lessons until the piano proficiency test is passed for majors and minors)
31947  11:45-12:50 pm MWF    HFA 185    Flinn    Max 30
10:00-10:50 am Tue    HFA 185

Mus 1111. Functional Keyboard for the Music Major I. (ArtP; 1 cr; coreq 1101, instr consent; special fee required)
32320 Sec 1  2:00-2:50 pm TTh    HFA 175    DuHamel    Max 12
32321 Sec 2  1:00-1:50 pm TTh    HFA 175    DuHamel    tentative

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

Mus 1200. Piano
31948 Sec 1 Arranged    DuHamel
32101 Sec 2 Arranged    Bae
32102 Sec 3 Arranged    Helder
Sec 4 Arranged Staff

Mus 1201. Piano Accompanying
31949 Arranged    DuHamel

Mus 1202. Organ
31950 Arranged    Staff

Mus 1203. Harpsichord
31951 Arranged    DuHamel

Fall Semester 2016
**Mus 1204. Voice**
31952 Sec 1  Arranged  Staff
32104 Sec 2  Arranged  Staff
32105 Sec 3  Arranged  B. Miller
32106 Sec 4  Arranged  K. Miller
32371 Sec 5  Arranged  Staff
32469 Sec 6  Arranged  A. Miller

**Mus 1205. Violin**
31953  Arranged  Corbett

**Mus 1206. Viola**
31954  Arranged  Corbett

**Mus 1207. Cello**
31955  Arranged  Asch

**Mus 1208. Double Bass**
31956  Arranged  Asch

**Mus 1209. Flute**
31957  Arranged  DeVoll

**Mus 1210. Oboe**
31958  Arranged  Bushman

**Mus 1211. Clarinet**
31959  Arranged  Tillier

**Mus 1212. Saxophone**
31960 Sec 1  Arranged  Campbell
32377 Sec 2  Arranged  Rodesch

**Mus 1213. Bassoon**
31961  Arranged  Staff

**Mus 1214. Trumpet**
31962  Arranged  Jimenez

**Mus 1215. French Horn**
31963  Arranged  Jimenez

**Mus 1216. Trombone**
31964  Arranged  Varpness

**Mus 1217. Euphonium**
31965  Arranged  Varpness

**Mus 1218. Tuba**
31966  Arranged  M. Odello

**Mus 1219. Percussion**
31967  Arranged  Horey

**Mus 1221. Guitar**
32149  Arranged  Flegel

**Mus 1222. Electric Bass**
32150  Arranged  Flegel

**Mus 1223. Composition**
32228  Arranged  Campbell

**Mus 1300. UMM Symphonic Winds.** (ArtP; 1 cr [max 8 cr]; S-N only)
31968  3:30-5:20 pm  MWF  HFA 180  Tillier

**Mus 1301. Chamber Winds.** (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
32367  4:00-5:00 pm  TTh  HFA 180  Tillier

**Mus 1310. University Choir.** (ArtP; 1 cr [max 8 cr]; S-N only)
31969 Sec 1  1:00-2:05 pm  MWF  HFA 170  B. Miller
31969 Sec 2  1:00-2:05 pm  MWF (tenor and bass)  HFA 160  B. Miller

**Mus 1320. Concert Choir.** (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
31970  5:00-6:15 pm  M-Th  HFA 170  B. Miller

Fall Semester 2016
Mus 1321. Chamber Singers. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
32368  8:15-9:30 pm  Mon  HFA 170  B. Miller

Mus 1330. Jazz Ensemble. (ArtP; 1 cr [max 8 cr]; S-N only)
31943 Sec 1  1:00-2:05 pm  MWF  HFA 180  Campbell
33954 Sec 2  12:00-12:50 pm  TTh  HFA 180  Campbell

Mus 1331. Brass Ensemble. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
32369  5:00-5:50 pm  TTh  HFA 180  Tillier

Mus 1370. Chamber Orchestra. (ArtP; 1 cr [max 8 cr]; S-N only)
32290  6:30-8:00 pm  MW  HFA 170  Corbett

Mus 2045. Intermediate Class Guitar. (ArtP; 1 cr; prereq 1045 or instr consent; special fee required)
32464  3:30-4:30 pm  Tue  HFA 170  Flegel  Max 25

Mus 2101. Core Studies II: Music Theory III. (FA; 4 cr; prereq 1102, major or minor or instr consent; concurrent enrollment in piano class/lessons until the piano proficiency test is passed for majors and minors)
31971  2:15-3:20 pm  MWF  HFA 185  Flinn  Max 30
11:00-11:50 am  Tue  HFA 185

Mus 2111. Functional Keyboard for the Music Major III. (ArtP; 1 cr; prereq 1112, coreq 2101, instr consent; special fee required)
32322  3:00-3:50 pm  TTh  HFA 175  DuHamel  Max 12

Mus 2303. Instrumental Techniques – Strings. (1 cr; prereq major or minor or instr consent)
33611  9:15-10:20 am  MW  HFA 180  Corbett  Max 25

Mus 3108. Intellectual Foundations of Western Music. (Hum; 2 cr; prereq 1101 or equiv or instr consent)
34939  2:00-3:40 pm  TTh (1st half)  HFA 185  Flinn  Max 20

Mus 3109. Analysis of Popular Music. (Hum; 2 cr; prereq 1101 or equiv or instr consent)
34940  2:00-3:40 pm  TTh (2nd half)  HFA 185  Flinn  Max 20

Mus 3200-3222. Advanced Individual Performance Studies. (ArtP; 1 cr each [max 8 cr per instrument]; prereq instr consent; special fee required)

Mus 3200. Piano
31972  Arranged  DuHamel
32645  Arranged  Staff

Mus 3201. Piano Accompanying
31973  Arranged  DuHamel

Mus 3202. Organ
32085  Arranged  Staff

Mus 3203. Harpsichord
31974  Arranged  DuHamel

Mus 3204. Voice
31975 Sec 1  Arranged  Staff
32107 Sec 2  Arranged  Staff
32108 Sec 3  Arranged  A. Miller
32109 Sec 4  Arranged  K. Miller
32372 Sec 5  Arranged  B. Miller

Mus 3205. Violin
31976  Arranged  Corbett

Mus 3206. Viola
31977  Arranged  Corbett

Mus 3207. Cello
31978  Arranged  Asch
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<td>Flute</td>
<td>31980</td>
<td>DeVoll</td>
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<td>Mus 3210</td>
<td>Oboe</td>
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<td>Bushman</td>
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<td>Clarinet</td>
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<td>Jimenez</td>
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<td>Trombone</td>
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<td>Varpness</td>
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<td>Mus 3311</td>
<td>Conducting Techniques</td>
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### PHILOSOPHY

**Phil 1803. How to Think About Weird Things.** (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)

<table>
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<td>TTh</td>
<td>Sci 2190</td>
<td>Mickelson</td>
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<td>Sec 2</td>
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**Phil 1804. The Meaning of Life.** (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)

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<td>Lemke</td>
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**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)

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<tr>
<td>33612</td>
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<td>IH 113</td>
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**Phil 2112. Professional Ethics.** (E/CR; 4 cr)

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<th>Days</th>
<th>Location</th>
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<th>Max</th>
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<td>32594</td>
<td>12:00-1:40 pm</td>
<td>TTh</td>
<td>Sci 3650</td>
<td>McFarlane</td>
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<td>34927</td>
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<td>TTh</td>
<td>Sci 3650</td>
<td>McFarlane</td>
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**Phil 2113. International and Biomedical Ethics.** (Hum; 4 cr)

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<td>33615</td>
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<td>IH 113</td>
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**Phil 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Phil 3151. History of Ancient Philosophy.** (Hist; 4 cr; prereq 1101 or 2101 or 2111 or instr consent)

<table>
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<td>33614</td>
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<td>IH 203</td>
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**Phil 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Phil 4002. Existentialism.** (Hist; 4 cr; prereq any 2xxx or 3xxx or instr consent)

<table>
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<td>10:00-11:40 am</td>
<td>TTh</td>
<td>IH 202</td>
<td>Lemke</td>
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**Phil 4903. Advanced Seminar in Metaphysics and Epistemology.** (Hum; 4 cr; prereq 1101 or 2101 or 2111, sr status, instr consent)

<table>
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<td>33613</td>
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**Phil 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged
PHYSICS

Phys 1052. The Solar System. (Sci-L; 5 cr; no cr for students who have received cr for Phys 1051)
  Lec 1  8:00-9:05 am  MWF  Sci 2190  McIntosh
  32404 Lab 2  3:30-5:30 pm  Mon  Sci 4530  McIntosh  Max 18
  32405 Lab 3  10:00-12:00 pm  Tue  Sci 4530  McIntosh  Max 18
  32406 Lab 4  2:00-4:00 pm  Tue  Sci 4530  McIntosh  Max 18

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  Morgan
  32173 Lab 2  3:30-5:30 pm  Wed  Sci 4550  McIntosh  Max 18
  32174 Lab 3  8:00-10:00 am  Thu  Sci 4550  Morgan  Max 18
  32490 Lab 4  2:00-4:00 pm  Thu  Sci 4550  McIntosh  Max 18

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 3650  Korth
  32120 Lab 2  3:30-5:30 pm  Mon  Sci 4550  Korth  Max 18
  32121 Lab 3  8:00-10:00 am  Tue  Sci 4550  Korth  Max 18

Phys 1801. Energy Science. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
  33617  2:15-3:05 pm  MF  Sci 3665  Korth  Max 13

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

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

Phys 3003. Computer Modeling of Materials. (Sci; 2 cr; prereq 1102)
  34948  9:15-10:05 am  MW  Sci 4650  Boyd  Max 10

Phys 3101. Classical Mechanics. (Sci; 4 cr; prereq 2101, Math 2101 or instr consent)
  333620  10:00-11:40 am  TTh  Sci 3655  Boyd  Max 15

Phys 3401. Experimental Physics. (Sci-L; 4 cr; prereq 2101)
  33619  2:00-5:00 pm  TTh  Sci 4610  Morgan  Max 10

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

Phys 4901. Senior Thesis I. (1 cr; prereq sr)
  32165  1:00-1:50 pm  Tue  Sci 3655  Korth  Max 10

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

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Fall Semester 2016
POLITICAL SCIENCE

Pol 1201. American Government and Politics. (E/CR; 4 cr)
32017  3:30-5:10 pm  MW  IH 111  Olson  Max 50

Pol 1401. World Politics. (IP; 4 cr)
32133  10:30-11:35 am  MWF  IH 109  Joo  Max 50

Pol 1811. War and Terrorism. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
32296 Sec 1  1:00-1:50 pm  MW  IH 203  Joo  Max 13
32297 Sec 2  2:15-3:05 pm  MW  IH 203  Joo  Max 13

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)
32358  9:15-10:20 am  MWF  IH 11  Olson  Max 18

Pol 2354. Political Ethics. (E/CR; 4 cr)
33622  8:00-9:40 am  TTh  IH 111  Breen  Max 25

Pol 2401. U.S. Foreign Policy. (IP; 4 cr)
33621  3:30-5:10 pm  MW  IH 203  Joo  Max 25

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

Pol 3251. Political Participation and Voting Behavior. (SS; 4 cr; prereq 1201 or instr consent)
34916  1:00-2:05 pm  MWF  IH 114  Olson  Max 20

Pol 3302. Islamic Political Thought. (SS; 2 cr; prereq 1101 or instr consent)
33623  2:00-3:40 pm  TTh (1st half)  IH 114  Breen  Max 20

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 4305. Seminar in Political Theory. (4 cr; prereq 1101, 2001 or instr consent)
33625  10:00-11:40 am  TTh  IH 203  Breen  Max 15

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)
- 32020 Sec 1: 2:15-3:20 pm MWF Sci 2950 Michael Max 75
- 32376 Sec 2: 1:00-2:05 pm MWF IH 109 Meek Max 75
- 32453 Sec 98: Completely Online Julien Max 30

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

**Psy 1807. Drugged Society: Humanity's Long-term Relationship with Mind-altering Substances.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
- 34956: 10:30-11:20 am MW IH 203 Michael Max 13

**Psy 2001. Research Methods in Psychology.** (SS; 4 cr; prereq 1051, Stat 1601 or Stat 2601, psy major or minor, or instr consent)
- 32244 Sec 1: 9:15-10:20 am MWF IH 113 C. Stewart Max 20
- 32336 Sec 2: 10:30-11:35 am MWF IH 101 Johnson Max 20

**Psy 2411. Introduction to Lifespan Developmental Psychology.** (SS; 4 cr; prereq 1051)
- 32230: 8:00-9:40 am TTh IH 109 Baldelomar Max 30

**Psy 2581. Drugs and Human Behavior.** (SS; 2 cr; prereq 1051 or instr consent)
- 32414: 1:00-2:05 pm MWF (2nd half) Sci 2200 Michael Max 30

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

**Psy 3101. Learning Theory and Behavior Modification.** (4 cr; prereq 2001 or instr consent)
- 32156: 11:45-12:50 pm MW IH 112 C. Stewart Max 24

**Psy 3111. Sensation and Perception.** (4 cr; prereq 2001 or instr consent)
- 32021: 1:00-2:05 pm MWF IH 101 Johnson Max 24

**Psy 3211. Biological Psychology.** (Sci-L; 5 cr; prereq [1051, 2001] or Biol 1101 or Biol 1111)
- 32467: 10:30-11:35 am MWF IH 114 Meek Max 24

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

**Psy 3313. Psychopathology.** (4 cr; prereq 1051 or instr consent)
- 32454: 10:00-11:40 am TTh IH 111 Peters Max 30

**Psy 3401. Developmental Psychology I: Child Psychology.** (4 cr; prereq 1051 or instr consent)
- 32420: 12:00-1:40 pm TTh IH 112 Baldelomar Max 30

**Psy 3501. Social Psychology.** (4 cr; prereq 1051 or Soc 1101 or instr consent)
- 32022: 1:00-2:05 pm MWF IH 112 D. Stewart Max 30

**Psy 3701. Organizational Behavior.** (SS; 4 cr; credit will not be granted if credit has been received for: Mgmt 3701; prereq Stat 1601 or Stat 2601, jr or sr)(Meets w/Mgmt 3701)
- 32198: 10:30-11:35 am MWF IH 111 D. Stewart Max 10

**Psy 3800. Research Practicum.** (1-12 cr [max 12 cr]; prereq instr consent; S-N only)
- Arranged

*Fall Semester 2016*
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<th>Course Code</th>
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<th>Prerequisites</th>
<th>Location</th>
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<td>Psy 3993</td>
<td>Directed Study</td>
<td>1-5 cr</td>
<td>[max 10 cr]; prereq approved directed study form</td>
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<tr>
<td>Psy 4102</td>
<td>Introduction to Professional Conduct, Legal Constraints, Ethics in Human Services</td>
<td>2 cr</td>
<td>[prereq jr, 8 cr 3xxx or 4xxx Psy or Soc or Anth courses or instr consent]</td>
<td>32219</td>
<td>Julien</td>
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<td>Psy 4896</td>
<td>Field Experiences In Psychology</td>
<td>1-4 cr</td>
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<td>Psy 4910</td>
<td>Advanced Seminar in Learning or Cognitive Psychology</td>
<td>4 cr</td>
<td>[prereq 2001, 3101 or 3111 or 3112, sr status, instr consent; A-F only]</td>
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<td>IH 115</td>
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<td>Psy 4930</td>
<td>Advanced Seminar in Personality or Clinical Psychology</td>
<td>4 cr</td>
<td>[prereq 2001, 3302 or 3313 or 3314, sr status, instr consent; A-F only]</td>
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### SOCIOLOGY

**Soc 1101. Introductory Sociology.** (SS; 4 cr)
- 32009 11:45-12:50 pm MWF Sci 2950 Gilanshah Max 70

**Soc 1814. Water Unites, Water Divides: Sharing Water in the 21st Century.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
- Sec 1 1:00-1:50 pm MW IH 202 Butler Max 13
- Sec 2 10:30-11:20 am MW IH 202 Butler Max 13

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

**Soc 2101. Systems of Oppression.** (HDiv; 4 cr; prereq 1101 or Anth 1111 or instr consent)
- 32323 10:00-11:40 am TTh IH 114 Gashaw Max 30

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

**Soc 3103. Research Methodology in Sociology.** (4 cr; prereq 1101)
- 32261 10:30-11:35 am MWF Sci 1030 Gilanshah Max 30

**Soc 3121. Sociology of Gender and Sexuality.** (HDiv; 4 cr; prereq 1101 or Anth 1111)
- 32422 2:00-3:40 pm TTh IH 112 Rothchild Max 30

**Soc 3131. World Population.** (Envt; 4 cr; prereq 1101 or instr consent)
- 11:45-12:50 pm MWF Sci 1030 Gilanshah Max 30

**Soc 3141. Sociology of Deviance.** (E/CR; 4 cr; prereq 1101 or instr consent)
- 33627 4:00-5:40 pm TTh IH 114 Rothchild Max 30

**Soc 3252. Women in Muslim Society.** (IP; 4 cr; prereq 1101 or Anth 1111)
- 32421 2:15-3:20 pm MWF Sci 1030 Gilanshah Max 24

**Soc 3403. Sociological Theory.** (4 cr; prereq 1101, 4 addtl cr in Soc recommended)
- 32324 8:00-9:40 am TTh IH 101 Gashaw Max 30

**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. (4 cr)
31994 Sec 1  9:15-10:20 am  MWF  Hum 211  Iraheta  Max 25
31995 Sec 2  10:30-11:35 am  MWF  Hum 211  Roberts  Max 25
32262 Sec 3  11:45-12:50 pm  MWF  Hum 211  Iraheta  Max 25
32427 Sec 4  2:15-3:20 pm  MWF  Hum 211  Roberts  Max 25

Span 1003. Accelerated Beginning Spanish. (FL; 4 cr; prereq placement or instr consent)
32396 Sec 1  1:00-2:05 pm  MWF  Hum 211  Iraheta  Max 20
32397 Sec 2  2:00-3:40 pm  TTh  Hum 211  Wojtaszek  Max 20

Span 1802. US Latin@ Literature and Culture. (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)
32618  2:15-3:20 pm  MWF  Hum 205  Genova  Max 24

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 1003 or placement or instr consent)
31996 Sec 1  10:00-11:40 am  TTh  Hum 5  Coon  Max 25
31997 Sec 2  2:00-3:40 pm  TTh  Hum 5  Coon  Max 25

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

Span 3011. Conversation, Composition, and Culture. (IP; 2 cr; prereq 2002 or instr consent)
32325 Sec 1  9:15-10:20 am  MWF (1st half)  IH 217  Roberts  Max 15
32326 Sec 2  1:00-2:05 pm  MWF (1st half)  IH 217  Roberts  Max 15

Span 3111. Readings in Spanish I. (Hum; 2 cr; prereq 3011 or instr consent)
32327 Sec 1  9:15-10:20 am  MWF (2nd half)  IH 217  Coon  Max 15
32328 Sec 2  1:00-2:05 pm  MWF (2nd half)  IH 217  Coon  Max 15

Span 3211. Literature and Culture of Latin America. (Hum; 4 cr; prereq 3012, 3112 or instr consent)
32395  10:30-11:35 am  MWF  IH 217  Genova  Max 15

Span 3683. Seminar: Modernity and Identity in Spain, 1900-1930. (Hum; 4 cr; prereq 3012, 3112 or instr consent)
34198  10:00-11:40 am  TTh  Hum 211  Wojtaszek  Max 15

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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### SPORT STUDIES AND ATHLETICS

#### SSA 1051. Fitness for Life. (2 cr)
- **Sec 1**: 11:45-12:50 pm, MWF (1st half), PEC 250, Devine, Max 25
- **Sec 2**: 10:30-11:35 am, MWF (2nd half), PEC 250, Molesworth, Max 25

#### SSA 1101. First Aid. (1 cr)
- **Sec 1**: 12:00-1:40 pm, TTh (1st half), PEC 250, Staff, Max 25
- **Sec 2**: 12:00-1:40 pm, TTh (2nd half), PEC 250, Molesworth, Max 25

#### SSA 1219. Strength Training. (0.5 cr [max 1 cr]; S-N only)
- **Sec 1**: 9:15-10:20 am, MWF (1st half), PEC 240, Hoffmann, Max 20

#### SSA 1225. Wellness Skills: R.A.D. – Basic and Advanced Self Defense System. (1 cr [max 2 cr]; S-N only)(Women only)
- **Sec 1**: 12:00-1:40 pm, TTh (1st half), PEC 250, Pennie-Roy, Max 25
- **Sec 2**: 12:00-1:40 pm, TTh (2nd half), PEC 250, Devine, Max 25

#### SSA 1403. Varsity Cross Country (0.5 cr [max 2 cr]; S-N only)
- **Women**: 4:00-6:00 pm (1st half), Krueger
- **Men**: 4:00-6:00 pm (1st half), Krueger

#### SSA 1404. Varsity Football (Men; 0.5 cr [max 2 cr]; S-N only)
- **Women**: 4:00-6:00 pm (1st half), Cushman

#### SSA 1405. Varsity Golf (0.5 cr [max 2 cr]; S-N only)
- **Men**: 4:00-6:00 pm (1st half), Fohl
- **Women**: 4:00-6:00 pm (1st half), Koehler

#### SSA 1410. Varsity Volleyball (Women; 0.5 cr [max 2 cr]; S-N only)
- **Women**: 4:00-6:00 pm (1st half), Torvi

#### SSA 1411. Varsity Soccer (0.5 cr [max 2 cr]; S-N only)
- **Men**: 4:00-6:00 pm (1st half), Turnbull
- **Women**: 4:00-6:00 pm (1st half), Magner

#### SSA 1412. Varsity Swimming and Diving. (Women; 0.5 cr [max 2 cr]; S-N only)
- **Women**: 2:00-4:00 pm (2nd half), Molesworth

#### SSA 1802. The Olympic Games: History, Culture, and Society. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
- **MW**: 9:15-10:05 am, Sci 3665, Bryant, Max 13

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

#### SSA 2102. Human Anatomy. (4 cr; prereq soph; credit will not be granted if credit has been received for Biol 2102)(Meets w/Biol 2102)
- **Lec 1**: 8:00-9:05 am, TTh, Sci 2950, Hardy, Max 5
- **Lab 2**: 9:15-11:15 am, Thu, Sci 2110, Hardy, Max 5
- **Lab 3**: 12:00-2:00 pm, Thu, Sci 2110, Hardy, Max 5
- **Lab 4**: 2:00-4:00 pm, Thu, Sci 2110, Hardy, Max 5

#### SSA 2111. Kinesiology. (Sci; 2 cr; prereq 2102)
- **Sec 1**: 10:30-11:35 am, MWF (1st half), PEC 251, Bowman, Max 45

#### SSA 2112. Exercise Physiology. (2 cr)
- **Sec 1**: 1:00-2:05 pm, MWF (2nd half), PEC 251, Hardy, Max 45

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*Fall Semester 2016*
<table>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Time</th>
<th>Days</th>
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<td>SSA 2202</td>
<td>Basketball Coaching</td>
<td>2 cr</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>PEC 251</td>
<td>P. Grove</td>
<td>Max 35</td>
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<tr>
<td>SSA 2203</td>
<td>Football Coaching</td>
<td>2 cr</td>
<td>10:00-11:40 am</td>
<td>TTh</td>
<td>PEC 250</td>
<td>Cushman</td>
<td>Max 35</td>
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<tr>
<td>SSA 2206</td>
<td>Volleyball Coaching</td>
<td>2 cr</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>PEC 251</td>
<td>Torvi</td>
<td>Max 35</td>
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<tr>
<td>SSA 2302</td>
<td>Introduction to Sport Management</td>
<td>4 cr</td>
<td>12:00-1:40 pm</td>
<td>TTh</td>
<td>Sci 2200</td>
<td>Bryant</td>
<td>Max 35</td>
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<tr>
<td>SSA 2403</td>
<td>Sport, Gender, and Sexuality</td>
<td>SS; 2 cr</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Edu 211</td>
<td>Bryant</td>
<td>Max 25</td>
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<tr>
<td>SSA 2993</td>
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<td>SSA 3172</td>
<td>Leadership In Sport Organizations</td>
<td>SS; 2 cr</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Hum 205</td>
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<td>Internship in Sport Studies and Athletics</td>
<td>1-12 cr</td>
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<td>SSA 4102</td>
<td>Organization and Administration of Athletics and Recreation</td>
<td>4 cr</td>
<td>10:00-11:40 am</td>
<td>TTh</td>
<td>PEC 251</td>
<td>T. Grove</td>
<td>Max 25</td>
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<td>Directed Study</td>
<td>1-5 cr</td>
<td>Arranged</td>
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STATISTICS

Stat 1601. Introduction to Statistics. (M/SR; 4 cr; prereq high school higher algebra)
31903 Sec 1 8:00-9:05 am MWF Sci 3550 Sungur Max 40
31904 Sec 2 10:30-11:35 am MWF Sci 3550 Anderson Max 40
31905 Sec 3 1:00-2:05 pm MWF Sci 3550 Anderson Max 40
32277 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; credit will not be granted if credit has been received for Math 2501; prereq Math 1101 or instr consent)(Meets w/Math 2501)
32211 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)
31908 11:45-12:50 pm 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)
33629 8:00-9:40 am TTh Sci 3610 Kim Max 20

Stat 3601. Data Analysis. (M/SR; 4 cr; prereq 1601 or 2601 or 2611 or instr consent)
31910 9:15-10:20 am 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. (1 cr; prereq sr)
32148 Arranged Anderson, Sungur, Kim

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

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# THEATRE ARTS

**Th 1060. Production Experience.** (1 cr [max 8 cr]; prereq instr consent; S-N only)
- 32001 Sec 1: Arranged
- 34344 Sec 2: Arranged

**Th 1070. Performance Experience.** (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
- 32002 Sec 1: Arranged
- 34345 Sec 2: Arranged

**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])
- 32003: 11:45-12:50 pm MWF

**Th 1301. Fundamentals of Design.** (ArtP; 4 cr)
- 32004: 9:15-10:20 am MWF

**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)
- 32359: 10:30-11:35 am MWF

**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)
- 33630: 10:00-11:40 am TTh

**Th 3101. World Theatre: History and Literature I.** (FA; 4 cr)
- 32005: 2:15-3:20 am MWF

**Th 3303. Computer-Assisted Drawing.** (ArtP; 4 cr)
- 35025: 1:00-2:05 pm MWF

**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)
- 32006: Arranged

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

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