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FALL 2018 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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Fall Semester 2018
AMERICAN SIGN LANGUAGE

ASL 1001. Beginning American Sign Language I. (4 cr)
32704 6:15-7:55 pm  TTh  IH 101  Poore  Max 30
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
<th>Max Capacity</th>
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<tr>
<td>Anth 1103</td>
<td>People of the Past: Introduction to Archaeology.</td>
<td>SS; 4 cr</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>IH 112</td>
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<td>Anth 1111</td>
<td>Introductory Cultural Anthropology.</td>
<td>SS; 4 cr</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>IH 109</td>
<td>Ortiz</td>
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<td>Anth 1993</td>
<td>Directed Study.</td>
<td>1-5 cr</td>
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<td>Anth 1865</td>
<td>Vikings, Aliens, and Ancient Idols: Evaluating Evidence in Archaeology.</td>
<td>IC; 2 cr</td>
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<td>Anth 2002</td>
<td>Learning from the Dead: Introduction to Methods in Archaeology and Biological Anthropology.</td>
<td>SS; 2 cr</td>
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<td>Professional Skills in Anthropology.</td>
<td>SS; 2 cr</td>
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<td>1-5 cr</td>
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<td>Culture, Food, and Agriculture.</td>
<td>Envt; 4 cr</td>
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<td>Anthropological Genetics.</td>
<td>4 cr</td>
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<td>Human Fossil Record.</td>
<td>Sci; 2 cr</td>
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<td>1-5 cr</td>
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<td>Anth 4411</td>
<td>Research in Cultural Anthropology.</td>
<td>E/CR; 4 cr</td>
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<td>1-5 cr</td>
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Last Update on: 5/10/2018

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**Fall Semester 2018**
ART HISTORY

ArtH 1101. Interpreting the Visual World: An Introduction to Art History. (FA; 4 cr)
34942 9:15-10:20 am MWF HFA 6 Dabbs Max 35

ArtH 1121. Renaissance to Modern Art. (FA; 4 cr)
32928 12:50-2:30 pm TTh HFA 6 Dabbs Max 35

ArtH 1801. Memorials and Memorialization. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
32993 9:50-11:30 am Tue HFA 2 Dabbs Max 13

ArtH 1803. Art+History, UMM+Community: Service-Learning Experience in Art History. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
34461 3:30-5:10 pm Wed HFA 2 Dabbs Max 13

ArtH 3211. Modern Art from Impressionism to Surrealism. (FA; 4 cr; prereq any 1xxx ArtH course or jr status)
33210 2:40-4:20 pm TTh HFA 2 Basu Max 15

ArtH 3221. Contemporary Art, 1950 to the Present. (FA; 4 cr; prereq any 1xxx ArtH course or jr status)
34805 2:40-4:20 pm TTh HFA 2 Basu Max 15

ArtH 3231. History of Photography. (FA; 4 cr; prereq any 1xxx ArtH course or jr status)
34804 12:50-2:30 pm TTh HFA 2 Basu Max 15

ArtH 3281. Women and Art. (FA; 4cr; prereq any 1xxx ArtH course or jr status)
33209 9:50-11:30 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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Fall Semester 2018
### Art, Studio

**ArtS 1003. Visual Studies for Non-Majors: Beginning Painting.** (ArtP; 3 cr [max 3 cr]; no elective cr for ArtS majors or minors; materials fee required)

<table>
<thead>
<tr>
<th>CRN</th>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
<td>32996</td>
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<td>1:00-2:50 pm</td>
<td>TTh</td>
<td>HFA 135</td>
<td>Nordin</td>
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**ArtS 1005. Visual Studies for Non-Majors: Photography.** (ArtP; 3 cr [max 3 cr]; no elective cr for ArtS majors or minors; materials fee required)(Meets w/ArtS 3500)

<table>
<thead>
<tr>
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<tr>
<td>33092</td>
<td></td>
<td>4:30-6:00 pm</td>
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<td>HFA 14</td>
<td>Stansbury</td>
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**ArtS 1050. Beginning Ceramics.** (ArtP; 3 cr [max 6 cr]; materials fee required)

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<thead>
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<th>Instructor</th>
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<tr>
<td>32443</td>
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<td>TTh</td>
<td>HFA 145</td>
<td>Stansbury</td>
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<tr>
<td>32444</td>
<td>Sec 2</td>
<td>1:00-3:30 pm</td>
<td>TTh</td>
<td>HFA 145</td>
<td>Stansbury</td>
<td>12</td>
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**ArtS 1101. Basic Studio Drawing I.** (ArtP; 2 cr; coreq 1103, 1105; one 1xxx ArtH course recommended during the same year; materials fee required)

<table>
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<th>CRN</th>
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<td>32445</td>
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<td>9:15-11:15 am</td>
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<td>HFA 130</td>
<td>Larson</td>
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<td>32739</td>
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<td>1:15-3:15 pm</td>
<td>TTh</td>
<td>HFA 130</td>
<td>Larson</td>
<td>16</td>
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**ArtS 1103. Basic Studio 2-D Design.** (ArtP; 2 cr; coreq 1101, 1105; one 1xxx ArtH course recommended during the same year; materials fee required)

<table>
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<tbody>
<tr>
<td>32446</td>
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<tr>
<td>32740</td>
<td>Sec 2</td>
<td>1:15-3:15 pm</td>
<td>MW</td>
<td>HFA 15</td>
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**ArtS 1105. Basic Studio Discussion I.** (ArtP; 1 cr; coreq 1101, 1103; one 1xxx ArtH course recommended during the same year)

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<tr>
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<td>HFA 2</td>
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**ArtS 2101. Drawing from Life I.** (ArtP; 3 cr; prereq major or minor or instr consent; materials fee required)

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<tbody>
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<td>HFA 130</td>
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**ArtS 3014. Media Studies: Fabric as Form.** (ArtP; 3 cr; prereq major or minor or instr consent)

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<td>33211</td>
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**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)

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**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)

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<th>Time</th>
<th>Days</th>
<th>Location</th>
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<td>32450</td>
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**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)

<table>
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**ArtS 3500. Photographic and Digital Processes I.** (ArtP; 3 cr; [max 6 cr]; prereq major or minor or instr consent; materials fee required)(Meets w/ArtS 1005)

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

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<th>Days</th>
<th>Location</th>
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<th>Max</th>
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**ArtS 4902. Senior Thesis Project I.** (2 cr; prereq sr ArtS major, completion of Second Year Portfolio Review; A-F only; materials fee required)

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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<td>HFA 2</td>
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*Fall Semester 2018*
ArtS 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

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BIOLOGY

Biol 1111. Fundamentals of Genetics, Evolution, and Development. (Sci; 3 cr; prereq biol major/minor or chem major or any health sciences preprofessional program or ELED or SeEd major with middle school science specialties or instr consent)
- 32724 Sec 1 9:50-11:05 am TTh Sci 1020 Staff Max 40
- 32775 Sec 2 9:50-11:05 am TTh Sci 2190 Waye Max 40
- 32824 Sec 3 11:45-12:35 pm MWF Sci 1020 Staff Max 40

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)
- 32959 9:15-10:05 am MW Sci 3665 Johnson Max 13

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)(Same as SSA 2102)
- Lec 1 8:00-9:05 am TTh Sci 2950 Hardy Max 40
- 32606 Lab 2 9:15-11:15 am Thu Sci 2110 Hardy Max 19
- 32607 Lab 3 12:50-2:50 pm Thu Sci 2110 Hardy Max 19

Biol 2111. Cell Biology. (Sci-L; 4 cr; prereq C- or better in 1101 or 1111, Chem 1102 or instr consent)
- Lec 1 8:00-9:05 am MWF Sci 1020 Des Lauriers Max 40
- 32394 Lab 2 3:30-5:30 pm Mon Sci 2130 Des Lauriers Max 16
- 32395 Lab 3 2:00-4:00 pm Tue Sci 2130 Des Lauriers Max 16
- 32396 Lab 4 1:00-3:00 pm Thu Sci 2130 Des Lauriers Max 16

- Lec 11 1:00-2:05 pm MWF Sci 2190 Staff Max 16
- 32826 Lab 12 2:15-4:15 pm Wed Sci 2130 Staff Max 16
- 32827 Lab 13 9:00-11:00 am Tue Sci 2130 Staff Max 16
- 32828 Lab 14 9:00-11:00 am Thu Sci 2130 Staff Max 16

Biol 3121. Molecular Biology. (Sci-L; 5 cr; prereq C- or better in 2111, Chem 2301 or instr consent)
- Lec 1 9:50-11:30 am TTh Sci 3610 Denton Max 16
- 32830 Lab 2 2:00-5:00 pm Tue + arr Sci 2170 Denton Max 16
- 32831 Lab 3 1:00-4:00 pm Wed + arr Sci 2170 Denton Max 16
- 33333 Lab 4 1:00-4:00 pm Thu + arr Sci 2170 Denton Max 16

Biol 3131. Ecology. (Sci-L; 4 cr; prereq C- or better in Biol 2101 or EnSt 2101, Stat 1601 or Stat 2601, or instr consent; weekend field trip required)
- Lec 1 1:00-2:05 pm MW Sci 1020 Loberg Max 12
- 32398 Lab 2 2:15-5:15 pm Wed Sci 3180 Loberg Max 12
- 32399 Lab 3 8:30-11:30 am Thu Sci 3180 Loberg Max 12
- 32611 Lab 4 1:00-4:00 pm Thu Sci 3180 Loberg Max 12
- 32814 Lab 5 12:00-3:00 pm Fri Sci 3180 Loberg Max 12

Biol 3700. Biological Communication I. (1 cr; prereq Biol 2101, 2111)
- 32725 Sec 1 1:00-1:50 pm Wed Sci 4655 Johnson Max 15
- 32766 Sec 2 1:00-1:50 pm Thu Sci 4655 Waye Max 15

Biol 3701. Biological Communication II. (1 cr; prereq 3700, instr consent)
- 65 min/per week discussion arranged
- 32643 Sec 1 Arranged Denton Max 4
- 32644 Sec 2 Arranged Waye Max 4
- 32645 Sec 3 Arranged Staff Max 4
- 32646 Sec 4 Arranged Des Lauriers Max 4
- 32908 Sec 5 Arranged Staff Max 4
- 32976 Sec 6 Arranged Kuchenreuther Max 3
Biol 4131. Vertebrate Natural History. (4 cr; prereq Biol 2101 or EnSt 2101 or instr consent)

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
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<td>Sci 3180</td>
<td>Waye</td>
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Biol 4211. Biochemistry. (4 cr; prereq Chem 2302 or Chem 2304, prereq or coreq Biol 3121, or instr consent)

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>32661</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 1020</td>
<td>Staff</td>
<td>45</td>
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</table>

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

<table>
<thead>
<tr>
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<th>Time</th>
<th>Days</th>
<th>Location</th>
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<th>Max</th>
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<tbody>
<tr>
<td>Lec 1</td>
<td>11:45-12:50 pm</td>
<td>MW</td>
<td>Sci 3650</td>
<td>Johnson</td>
<td></td>
</tr>
<tr>
<td>Lab 2</td>
<td>1:00-4:00 pm</td>
<td>Fri</td>
<td>Sci 2150</td>
<td>Johnson</td>
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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>Course</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>32798 Lab 1</td>
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<td>Sci 2150</td>
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<td>33004 Lab 2</td>
<td>2:00-5:00 pm</td>
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<td>Sci 2150</td>
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</tr>
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</table>

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>Course</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
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<th>Max</th>
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<tbody>
<tr>
<td>32401 Sec 1</td>
<td>1:00-2:05 pm</td>
<td>Tue</td>
<td>Sci 1020</td>
<td>Kuchenreuther</td>
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<tr>
<td>32622 Sec 2</td>
<td>4:00-5:05 pm</td>
<td>Thu</td>
<td>Sci 1020</td>
<td>Kuchenreuther</td>
<td>25</td>
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<tr>
<td>32944 Sec 3</td>
<td>5:00-6:05 pm</td>
<td>Tue</td>
<td>Sci 1020</td>
<td>Kuchenreuther</td>
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</table>

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

Arranged
**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>Course Code</th>
<th>Type</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
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<tbody>
<tr>
<td>Lec 1</td>
<td></td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 2950</td>
<td>Pappenfus</td>
<td></td>
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<tr>
<td>32741 Lab 2</td>
<td></td>
<td>11:45-2:45 pm</td>
<td>Mon</td>
<td>Sci 3175</td>
<td>K. Boyd</td>
<td>Max 10</td>
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<tr>
<td>32742 Lab 3</td>
<td></td>
<td>3:30-6:30 pm</td>
<td>Mon</td>
<td>Sci 3175</td>
<td>Pappenfus</td>
<td>Max 10</td>
</tr>
<tr>
<td>32743 Lab 4</td>
<td></td>
<td>8:30-11:30 am</td>
<td>Tue</td>
<td>Sci 3175</td>
<td>Staff</td>
<td>Max 10</td>
</tr>
<tr>
<td>32744 Lab 5</td>
<td></td>
<td>1:00-4:00 pm</td>
<td>Tue</td>
<td>Sci 3175</td>
<td>Alia</td>
<td>Max 10</td>
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<td>32745 Lab 6</td>
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<td>11:45-2:45 pm</td>
<td>Wed</td>
<td>Sci 3175</td>
<td>K. Boyd</td>
<td>Max 10</td>
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<td>32746 Lab 7</td>
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<td>3:30-6:30 pm</td>
<td>Wed</td>
<td>Sci 3175</td>
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<td>32754 Lab 8</td>
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<td>Sci 3175</td>
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<td>32820 Lab 9</td>
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<td>Thu</td>
<td>Sci 3175</td>
<td>Alia</td>
<td>Max 10</td>
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**Chem 1102. The Climate Change Conundrum: Science, Controversy, and Communication Failures.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Days</th>
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<th>Max</th>
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<tr>
<td>34354</td>
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<td>MW</td>
<td>Sci 3665</td>
<td>K. Nell</td>
<td>Max 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>
<th>Course Code</th>
<th>Type</th>
<th>Time</th>
<th>Days</th>
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<th>Max</th>
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<tbody>
<tr>
<td>32404 Sec 1</td>
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<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 3650</td>
<td>Carpenter</td>
<td>Max 50</td>
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<tr>
<td>32841 Sec 2</td>
<td></td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Sci 1020</td>
<td>B. Nell</td>
<td>Max 50</td>
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**Chem 2311. Organic Chemistry Lab I.** (1 cr; coreq 2301 or instr consent)

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<th>Type</th>
<th>Time</th>
<th>Days</th>
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<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>32701 Lab 1</td>
<td></td>
<td>8:30-11:30 am</td>
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<td>Sci 3135</td>
<td>B. Nell</td>
<td>Max 16</td>
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<tr>
<td>32658 Lab 2</td>
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<td>1:00-4:00 pm</td>
<td>Tue</td>
<td>Sci 3135</td>
<td>K. Boyd</td>
<td>Max 16</td>
</tr>
<tr>
<td>32659 Lab 3</td>
<td></td>
<td>2:15-5:15 pm</td>
<td>Wed</td>
<td>Sci 3135</td>
<td>B. Nell</td>
<td>Max 16</td>
</tr>
<tr>
<td>32660 Lab 4</td>
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<td>8:30-11:30 am</td>
<td>Thu</td>
<td>Sci 3135</td>
<td>Pappenfus</td>
<td>Max 16</td>
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<td>32755 Lab 5</td>
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<td>1:00-4:00 pm</td>
<td>Thu</td>
<td>Sci 3135</td>
<td>B. Nell</td>
<td>Max 16</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

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

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<tr>
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<th>Days</th>
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<th>Max</th>
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<td>MWF</td>
<td>Sci 2200</td>
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<tr>
<td>32406 Lab 2</td>
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<td>1:00-4:00 pm</td>
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<td>Sci 3040</td>
<td>K. Nell</td>
<td>Max 12</td>
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<tr>
<td>32407 Lab 3</td>
<td></td>
<td>8:30-11:30 am</td>
<td>Thu</td>
<td>Sci 3040</td>
<td>K. Nell</td>
<td>Max 12</td>
</tr>
<tr>
<td>Course</td>
<td>Title</td>
<td>Credits</td>
<td>Prerequisites</td>
<td>Time</td>
<td>Location</td>
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<tr>
<td>Chem 3501. Physical Chemistry I.</td>
<td>(Sci; 4 cr; prereq 1102, Phys 1101, Math 1102 or instr consent)</td>
<td>4</td>
<td>1102, Phys 1101, Math 1102 or instr consent</td>
<td>1:00-2:05 pm</td>
<td>Sci 3610</td>
<td>Alia</td>
</tr>
<tr>
<td>Chem 3993. Directed Study.</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<td>Chem 3994. Directed Research.</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed research form)</td>
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<td>Chem 4352. Synthesis.</td>
<td>(4 cr; prereq 2302 or 2304)</td>
<td>4</td>
<td>2302 or 2304</td>
<td>10:30-11:35 am</td>
<td>Sci 3655</td>
<td>Carpenter</td>
</tr>
<tr>
<td>Chem 4901. Chemistry Seminar II.</td>
<td>(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)</td>
<td>0.5</td>
<td>3901</td>
<td>4:30-5:30 pm</td>
<td>Sci 2190</td>
<td>Carpenter</td>
</tr>
<tr>
<td>Chem 4993. Directed Study.</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<tr>
<td>Chem 4994. Directed Research.</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed research form)</td>
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## CHINESE

### Chn 1001. Beginning Chinese I. (4 cr)
- Course: Chn 1001
- Credits: 4 cr
- Prerequisites: None
- Time: 10:30-11:35 am
- Days: MWF
- Location: Hum 205
- Instructor: Fan
- Max Students: 25

### Chn 1002. Beginning Chinese II. (FL; prereq 1001 or placement or instr consent)
- Course: Chn 1002
- Credits: 4 cr
- Prerequisites: Chn 1001 or placement or instructor consent
- Time: 9:15-10:20 am
- Days: MWF
- Location: Hum 205
- Instructor: Fan
- Max Students: 25

### Chn 2002. Intermediate Chinese II. (IP; 4 cr; prereq 2001 or placement or instr consent)
- Course: Chn 2002
- Credits: 4 cr
- Prerequisites: Chn 2001 or placement or instructor consent
- Time: 1:00-2:05 pm
- Days: MWF
- Location: Hum 205
- Instructor: Fan
- Max Students: 25

### Chn 2001. Intermediate Chinese I. (IP; 4 cr; prereq 1002 or placement or instr consent)
- Course: Chn 2001
- Credits: 4 cr
- Prerequisites: Chn 1002 or placement or instructor consent
- Time: 1:00-2:05 pm
- Days: MWF
- Location: Hum 205
- Instructor: Fan
- Max Students: 25

[Return to Table of Contents]
COMMUNICATION, MEDIA, AND RHETORIC

CMR 1042. Public Speaking and Analysis. (E/CR; 4 cr)
33008 12:50-2:30 pm TTh HFA 18 Sotirova Max 40

CMR 1062. Introduction to Interpersonal and Group Communication. (Hum; 4 cr)
33213 Sec 1 9:15-10:20 am MWF HFA 23 Bezanson Max 25
34379 Sec 2 10:30-11:35 am MWF HFA 23 Bezanson Max 25

CMR 1101. Introduction to Theories of Communication, Media, and Rhetoric. (Hum; 4 cr)
32916 9:50-11:30 am TTh IH 109 Burke, Sotirova Max 50

CMR 1388. College Newspaper Experience. (1 cr [max 2 cr]; prereq instr consent)
32886 Arranged Burke

CMR 1389. College Radio Experience. (1 cr [max 2 cr]; prereq instr consent)
32885 Arranged Burke

CMR 2053. Rhetoric of Supreme Court Opinions: Analysis and Creation. (E/CR; 2 cr)
34335 3:30-4:35 pm MWF (2nd half) HFA 6 Bezanson Max 25

CMR 2311. Media History and Society. (SS; 4 cr)
34380 2:15-3:20 pm MWF Sci 3650 Burke Max 45

CMR 3432. Communication Research Methods. (SS; 4 cr; prereq 1101 or instr consent)
32948 8:00-9:40 am TTh HFA 23 Sotirova Max 20

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

CMR 4800. Directed Experience in Teaching Communication, Media, and Rhetoric. (1-4 cr; prereq instr consent; S-N only)
32821 Arranged Bezanson

CMR 4900. Communication, Media, and Rhetoric Seminar I. (1 cr; prereq 1042, 1062, 1101, or sr status with instr consent; A-F only)
32717 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 1201. Introduction to Digital Media Computation.** (M/SR; 4 cr)

<table>
<thead>
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<th>CRN</th>
<th>Title</th>
<th>Code</th>
<th>Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>33347</td>
<td></td>
<td></td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 2190</td>
<td>Lamberty</td>
<td>25</td>
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</table>

**CSci 1251. Computational Data Management and Manipulation.** (M/SR; 4 cr; no elective cr for CSci majors or minors)

<table>
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<th>Title</th>
<th>Code</th>
<th>Time</th>
<th>Day(s)</th>
<th>Location</th>
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<th>Max</th>
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<tbody>
<tr>
<td>32899</td>
<td></td>
<td></td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Sci 1030</td>
<td>McPhee</td>
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**CSci 1301. Problem Solving and Algorithm Development.** (M/SR; 4 cr)

<table>
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<th>Day(s)</th>
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<th>Instructor</th>
<th>Max</th>
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<td>32411</td>
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<td></td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Sci 2200</td>
<td>Machkasova</td>
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**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)

<table>
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<th>Title</th>
<th>Code</th>
<th>Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>32665</td>
<td>Lec 2</td>
<td></td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 2185</td>
<td>Lamberty</td>
<td>24</td>
</tr>
<tr>
<td>32666</td>
<td>Lab 2</td>
<td></td>
<td>12:50-2:30 pm</td>
<td>Tue</td>
<td>Sci 2610</td>
<td>Lamberty</td>
<td>24</td>
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**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 or both Math 2202 and Math 3411, 2101 or instr consent)

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<th>Title</th>
<th>Code</th>
<th>Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>32913</td>
<td></td>
<td></td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>Sci 2610</td>
<td>McPhee</td>
<td>24</td>
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</table>

**CSci 3501. Algorithms and Computability.** (5 cr; prereq CSci 1302 or both Math 2202 and Math 3411, 2101 or instr consent)

<table>
<thead>
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<th>CRN</th>
<th>Title</th>
<th>Code</th>
<th>Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>32666</td>
<td>Lec 1</td>
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<td>1:00-2:05 pm</td>
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<td>Sci 2185</td>
<td>Dolan</td>
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<td>12:50-2:30 pm</td>
<td>Thu</td>
<td>Sci 2610</td>
<td>Dolan</td>
<td>24</td>
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**CSci 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**CSci 4554. Theory: Cryptography.** (4 cr; prereq CSci 1302 or both Math 2202 and Math 3411, 2101 or instr consent)

<table>
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<th>Title</th>
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<tr>
<td>33349</td>
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<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Sci 2185</td>
<td>Machkasova</td>
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**CSci 4659. Processes, Programming, and Languages: Measuring and Managing Software Quality.** (4 cr; prereq 3601)

<table>
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<th>Time</th>
<th>Day(s)</th>
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**CSci 4901. Senior Seminar.** (2 cr; prereq IS 1091, jr or sr, instr consent; S-N only)

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<tr>
<th>CRN</th>
<th>Title</th>
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<td>Sci 2185</td>
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**CSci 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

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*Fall Semester 2018*
DANCE

**Dnce 1321. Introduction to Modern Dance and Ballet.** (ArtP; 1 cr [max 2 cr]; S-N only)
33505 3:30-5:00 pm Wed HFA 125 Ferrian Max 25

**Dnce 1323. Introduction to Tap Dance.** (ArtP; 1 cr [max 2 cr]; tap shoes required; S-N only)
34448 3:30-5:00 pm Wed HFA 125 Ferrian Max 15

**Dnce 1331. Ballet I.** (ArtP; 1 cr [max 2 cr]; prereq 1321 or instr consent)(Meets w/Dnce 2331)
33503 2:40-4:20 pm Tue HFA 125 Ferrian Max 15

**Dnce 2301. Practicum in Dance.** (ArtP; 1 cr; prereq instr consent)
32887 Arranged Ferrian Max 10

**Dnce 2331. Ballet II.** (ArtP; 1 cr [max 2]; ballet slippers required; prereq 1331 or instr consent)(Meets w/Dnce 1331)
33504 2:40-4:20 pm Tue HFA 125 Ferrian Max 5

**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)
32776 Sec 1  3:30-4:35 pm  MWF  IH 111  Devkota  Max 40
32648 Sec 2  12:50-2:30 pm  TTh  IH 111  Brown  Max 40

Econ 1112. Principles of Macroeconomics. (SS; 4 cr; prereq high school algebra or instr consent)
32816  9:50-11:30 am  TTh  IH 111  Panda  Max 40

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 3008. Environmental and Natural Resource Economics II. (Envt; 2 cr; prereq 3007)
33285  8:00-9:05 am  MWF (2nd half)  IH 113  Kildegaard  Max 30

Econ 3136. Economics of the Green Power Transition: New Business Models and Regulatory Strategies. (Envt; 2 cr; prereq 1111)
34431  8:00-9:05 am  MWF (2nd half)  IH 113  Kildegaard  Max 30

Econ 3141. Economic Development and Growth I. (IP; 2 cr; prereq 1111, 1112 or instr consent)
33018  1:00-2:05 pm  MWF (1st half)  IH 113  Devkota  Max 30

Econ 3142. Economic Development and Growth II. (IP; 2 cr; prereq 3141 (or concurrent enrollment in 3141) or instr consent)
33019  1:00-2:05 pm  MWF (2nd half)  IH 113  Devkota  Max 30

Econ 3172. Strategic Firm Interaction and Market Structures. (4 cr; prereq 1111 or instr consent)
33286  2:40-4:20 pm  TTh  IH 113  Brown  Max 30

Econ 3201. Microeconomic Theory. (4 cr; prereq 1111, Math 1101 or instr consent)
32523  10:30-11:35 am  MWF  IH 112  Burks  Max 30

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

Econ 4121. International Trade Theory. (2 cr; prereq 3201 or Mgmt 3123 or instr consent)
34346  8:00-9:05 am  MWF (1st half)  IH 113  Kildegaard  Max 30

Econ 4501. Senior Research Seminar in Economics and Management. (2 cr [max 4 cr]; prereq 3501 for econ majors or sr status for mgmt majors or instr consent)
32710 Sec 1  3:30-5:10 pm  Wed  IH 202  Brown  Max 4
32711 Sec 2  3:30-5:10 pm  Wed  IH 202  Brown  Max 4
34347 Sec 3  3:30-5:10 pm  Wed  IH 203  Panda  Max 4

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

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Fall Semester 2018
EDUCATION

**Ed 1801. Critical Issues in K-12 Education.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
35134 12:50-2:30 pm Tue Sci 1030 Lam Max 13

**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)
32786 Arranged Harell

**Ed 2121. Introduction to Education.** (SS; 4 cr; coreq 2111; A-F only)
32785 9:50-11:30 am TTh Sci 2200 Harell Max 36

**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)
32787 Sec 1 2:40-4:20 pm TTh (9/18/18 to 11/15/18) Sci 2200 Harell Max 30
32889 Sec 2 12:50-2:30 pm Tue MRC 205 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

**EIEd 3101. Teaching and Learning Strategies.** (3 cr; prereq admission to the elementary teacher education program; A-F only) *Lecture runs 08/30/18 to 09/13/18 only*

- **Lec 1** 8:00-9:40 am TTh MRC 205 Lam
- **Lec 2** 8:00-9:05 am MWF MRC 205 Lam Max 15

**EIEd 3102. Reading Methods: Literacy and Language Instruction in the Elementary School.** (4 cr; prereq admission to elementary teacher education program; A-F only)

- 32381 9:15-10:20 am MWF MRC 205 Staff Max 30

**EIEd 3103. Mathematics in the Elementary School.** (4 cr; prereq admission to the elementary teacher education program; A-F only)

- 32610 2:40-4:20 pm TTh MRC 205 Bovre Max 40

**EIEd 3111. Practicum I: Field Experience in the Elementary Classroom.** (2 cr; prereq admission to the elementary teacher education program; S-N only)

- 32641 Arranged Lam Max 40

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

- Arranged

**EIEd 4102. Social Studies in the Elementary School.** (2 cr; prereq 3201, 3202, (3211 or 3212); A-F only)

(Class held 09/18/18 to 12/13/18)

- 32382 8:00-9:40 am TTh MRC 205 Bovre Max 40

**EIEd 4103. Science in the Elementary School.** (2 cr; prereq 3201, 3202, (3211 or 3212); A-F only)

(Class held 09/18/18 to 12/13/18)

- 32383 9:50-11:30 TTh MRC 205 Bovre Max 40

**EIEd 4104. Language Arts and Literature in the Elementary School.** (3 cr; prereq 3201, 3202, (3211 or 3212); A-F only)

(Class held 09/17/18 to 12/12/18)

- 32384 11:00-12:40 pm MW MRC 205 Page Max 40

**EIEd 4107. Health and Physical Education in the Elementary School.** (1 cr; prereq 3201, 3202, (3211 or 3212); A-F only)

- 32650 Arranged Bovre Max 40

**EIEd 4111. Practicum III: Beginning Student Teaching.** (2 cr; prereq 3201, 3202, (3211 or 3212); S-N only)

- 32604 Arranged Staff Max 40

**EIEd 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 09/17/18 to 12/10/18; fulltime practicum 10/29/18 to 11/02/18)(special fee required if practicum is in Chicago)

- 32603 2:40-4:20 pm Mon Sci 3665 Staff Max 40

**EIEd 4204. Directed Global Student Teaching at the Primary and Intermediate Level.** (IP; 1-16 cr; prereq 4102, 4103, 4104, 4111, 4112; passing scores on basic skills or instr consent)

- 32777 Sec 500 Study Abroad UMM Students Lam
- 32977 Sec 501 Study Abroad Non-UMM Students Lam

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

- Arranged

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*Fall Semester 2018*
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)
32386 Sec 1 12:20-2:00 pm Mon Edu 102 Jepma Max 7
32952 Sec 2 2:15-3:55 pm Mon Edu 102 Jepma Max 7

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.)
32642 8:00-4:00 pm WTh Page Max 25
9:50-11:30 am Tue Hum 205

SeEd 4104. Teaching Diverse Learners. (HDiv; 2 cr; prereq admission to the secondary teacher education program; coreq 4102, 4103, 4105, methods; A-F only)
32729 8:00-9:40 am Tue Sci 2185 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)
32730 10:30-2:00 pm Fri (1st half) MRC 205 Staff Max 20

SeEd 4115. Advanced Content Reading. (Hum; 2 cr; prereq 4105; A-F only)
32788 10:30-11:35 am Mon (2nd half) Sci 3665 Staff Max 15

SeEd 4204. Directed Global Student Teaching at the Middle and Secondary Level. (IP; 1-16 cr; prereq 4102, 4103, 4104, 4105, methods, CMR 1042 or CMR 1052, passing scores on basic skills or instr consent)
32778 Sec 500 Study Abroad UMM Students Lam
32978 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)
32623 Arranged Staff Max 10

EngE 4121. Methods of Teaching Communication Arts & Literature in the Middle and Secondary School. (4 cr; A-F only)
32769 Arranged Staff Max 10

LanE 4123. Methods of Teaching Foreign Language K-12. (4 cr; A-F only)
32625 Arranged Staff Max 10

MthE 4121. Methods of Teaching Mathematics in the Middle and Secondary School. (4 cr; A-F only)
32626 Arranged Staff Max 10

MusE 4123. Methods of Teaching Music K-12. (4 cr; A-F only)
32627 Arranged Staff Max 10
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<th>Grade Option</th>
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<td>32626</td>
<td>SciE 4121. Methods of Teaching Science in the Middle and Secondary School. (4 cr; A-F only)</td>
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<td>32629</td>
<td>SScE 4121. Methods of Teaching Social Science in the Middle and Secondary School. (4 cr; A-F only)</td>
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**ENGLISH**

**Engl 1001. Fundamentals of Writing.** (4 cr; does not fulfill the Writing for the Liberal Arts (WLA) requirement)
32612  9:15-10:20 am  MWF  Hum 111  Johnson  Max 15

**Engl 1601. Writing for the Liberal Arts.** (WLA; 4 cr)(*Section 20 is reserved for English as a Second Language (ESL) students. A permission number is required to register.)

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<th>Section</th>
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<th>Days</th>
<th>Location</th>
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<td>32859 Sec 1</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Hum 111</td>
<td>Johnson</td>
<td>Max 18</td>
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<td>32860 Sec 2</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>HFA 18</td>
<td>Wenzel</td>
<td>Max 18</td>
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<td>32861 Sec 3</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>HFA 18</td>
<td>Wenzel</td>
<td>Max 18</td>
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<td>32863 Sec 4</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>IH 101</td>
<td>Staff</td>
<td>Max 18</td>
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<tr>
<td>32864 Sec 5</td>
<td>8:00-9:40 am</td>
<td>TTh</td>
<td>HFA 18</td>
<td>Kildegaard</td>
<td>Max 18</td>
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<tr>
<td>32865 Sec 6</td>
<td>11:45-12:50 pm</td>
<td>TTh</td>
<td>Hum 11</td>
<td>Staff</td>
<td>Max 18</td>
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<td>32866 Sec 7</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td>Hum 11</td>
<td>McClure</td>
<td>Max 18</td>
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<td>33738 Sec 8</td>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>Hum 11</td>
<td>Staff</td>
<td>Max 18</td>
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<tr>
<td>34385 Sec 9</td>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>HFA 18</td>
<td>McClure</td>
<td>Max 18</td>
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<tr>
<td>34386 Sec 10</td>
<td>4:30-6:10 pm</td>
<td>TTh</td>
<td>HFA 18</td>
<td>McClure</td>
<td>Max 18</td>
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<td>32862</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Hum 18</td>
<td>Pederson</td>
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**Engl 1803. Shakespearean Adaptations.** (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)
33125  1:00-2:05 pm  MWF  Hum 5  Eckerle  Max 24

**Engl 1805. Environmentalism in Science Fiction and Fantasy.** (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)
32974  11:45-12:50 pm | MWF  Hum 5 | Johnson  Max 24

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

**Engl 2022. Sports Literature and Writing.** (Art/P; 4 cr; prereq 1601 (or 1011) or equiv)
33219  9:50-11:30 am  TTh  Hum 5  Gercken  Max 15

**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)
33222  9:15-10:20 am  MWF  Hum 11  Miller  Max 20

**Engl 2106. Topics in Writing: The Environmental Imagination: Reading and Writing about the Natural World.** (Envt; 4 cr; prereq 1601 (or 1011) or equiv)
32817  12:50-2:30 pm  TTh  Hum 5  Kildegaard  Max 18

**Engl 2107. Writing with Digital Media.** (Hum; 4 cr; prereq 1601)
33221  12:50-2:30 pm  TTh  HFA 26  Turk  Max 18

**Engl 2121. Topics in Writing: Introduction to Creative Writing.** (ArtP; 4 cr; prereq 1601 (or 1011) or equiv)
32849  2:40-4:20 pm  TTh  Hum 205  Hume  Max 18

**Engl 2201. Survey of British Literature to the 18th Century.** (Hum; 4 cr)
32768  2:15-3:20 pm  MWF  Hum 5  Eckerle  Max 25
34404  Completely Online

**Engl 2211. Survey of American Literature to the Civil War.** (Hum; 4 cr)
32453  10:30-11:35 am  MWF  Hum 5  D. Ericksen  Max 25

*Fall Semester 2018*
Engl 2411. Representations of American Indians in Popular and Academic Culture. (HDiv; 4 cr; prereq 1601 (or 1011) or equiv or declared English major)

33220  2:40-4:20 pm   TTh   Hum 5   Gercken   Max 20

Engl 2501. Literary Studies. (Hum; 4 cr; prereq 1601 (or 1011) or equiv; credit will not be granted if credit has been received for Engl 1131)

32673  9:15-10:20 am   MWF   Hum 5   D. Ericksen   Max 20

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

Arranged

Engl 3005. Understanding Writing: Theories and Practices. (Hum; 4 cr; prereq 1601 (or 1011) or equiv, soph standing, instr consent, coreq IS 3720 for students working in the Writing Room)

32954  9:50-11:30 am   TTh   Hum 11   Turk   Max 16

Engl 3015. Writing Poetry for the 21st Century. (Art/P; 4 cr; prereq 2121 or instr consent)

33405  9:50-11:30 am   TTh   IH 202   Hume   Max 15

Engl 3021. Grammar and Language. (Hum; 4 cr)

32953  1:00-2:05 pm   MWF   IH 101   D. Ericksen   Max 30

Engl 3155. 20th Century British Fiction. (4 cr; prereq 2501 (or 1131), two from 2201, 2202, 2211, 2212)

33218  8:00-9:40 am   TTh   Hum 11   Miller   Max 20

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

Arranged

Engl 4038. Research Seminar: Writing Early Ireland. (Hum; 4 cr; prereq two from 31xx-35xx, instr consent)

34353  3:30-5:10 pm   MW   Hum 5   Eckerle   Max 12

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

Arranged

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**ENVIRONMENTAL SCIENCE**

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

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<th>Course Code</th>
<th>Section</th>
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<th>Days</th>
<th>Time</th>
<th>Location</th>
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<td>32769</td>
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<td>Boyd</td>
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</table>

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ENVIRONMENTAL STUDIES

EnSt 1101. Environmental Problems and Policy. (Envt; 4 cr)
32747  8:00-9:40 am  TTh  Sci 2190  Loo  Max 40

EnSt 1201. Mapping the Environment. (Envt; 4 cr)
33289  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  1:00-2:05 pm  MW  Sci 1030  Kuchenreuther
32922 Lab 2  2:00-5:00 pm  Tue  Sci 3180  Kuchenreuther  Max 12

EnSt 3001. Water Resources Policy. (Envt; 4 cr; prereq 1101 or Pol 1201 or Pol 1401 or instr consent)
33290  12:50-2:30 pm  TTh  IH 202  Brands  Max 15

EnSt 3988. Environmental Studies Pre-Internship Seminar. (1 cr; prereq 1101; S-N only)(Same as EnSt 3989)
33027  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)(Same as EnSt 3988)
33026  7:00-8:40 pm  Thu (1st 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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### FRENCH

**Fren 1001. Beginning French I.** (4 cr)
- **32455 Sec 1**
  - Time: 1:00-2:05 pm
  - Days: MWF
  - Location: Hum 111
  - Instructor: T. Berberi
  - Max: 25
- **32767 Sec 2**
  - Time: 2:15-3:20 pm
  - Days: MWF
  - Location: Hum 111
  - Instructor: T. Berberi
  - Max: 25

**Fren 1804. Medieval Myths, Religions, and Fantasy through Literature.** (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)
- **35175**
  - Time: 12:50-2:30 pm
  - Days: TTh
  - Location: Belevino
  - Max: 25

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

**Fren 2001. Intermediate French I.** (IP; 4 cr; prereq 1002 or placement or instr consent)
- **32456**
  - Time: 1:00-2:05 pm
  - Days: MWF
  - Location: Buchanan
  - Instructor: T. Berberi
  - Max: 25

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

**Fren 3002. Civilization and Composition: From the Middle Ages to Classicism.** (Hist; 2 cr; prereq 2002 or instr consent)
- **32961**
  - Time: 9:15-10:20 am
  - Days: MWF (1st half)
  - Location: Hum 12
  - Instructor: Belevino
  - Max: 15

**Fren 3003. Civilization and Composition: France Since the Revolution of 1789.** (Hist; 2 cr; prereq 2002 or instr consent)
- **32918**
  - Time: 9:50-11:30 am
  - Days: TTh (2nd half)
  - Location: Hum 111
  - Instructor: T. Berberi
  - Max: 15

**Fren 3407. Medieval and Early Modern Studies: The “East” and its Marvels.** (4 cr; prereq (or coreq) 3002, 3011)
- **33707**
  - Time: 12:50-2:30 pm
  - Days: TTh
  - Location: IH 203
  - Instructor: Belevino
  - Max: 15

**Fren 3603. Francophone Studies: Witches, Wilderness, and Words in Francophone Folktales.** (4 cr; prereq or coreq 3004, 3011 or instr consent)
- **33223**
  - Time: 4:45-5:50 pm
  - Days: MWF
  - Location: Hum 12
  - Instructor: Buchanan
  - Max: 15

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

**Fren 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
- Arranged
GENDER, WOMEN, AND SEXUALITY STUDIES

GWSS 1101. Introduction to Gender, Women, and Sexuality Studies. (HDiv; 4 cr)
33403  2:40-4:20 pm  TTh  IH 111  Bruce  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)
32757  Arranged  Rothchild

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GEOGRAPHY

Geog 2001. Problems in Geography. (Envt; 4 cr)
33282  8:00-9:05 am  MWF  IH 111  Beaver  Max 40
### GEOLOGY

#### Geol 1101. Physical Geology. (Sci-L; 4 cr)
- Lec 1: 9:15-10:20 am MWF
- 32416 Lab 2: 1:00-4:00 pm Mon
- 32417 Lab 3: 2:00-5:00 pm Tue
  - Sci 3610
  - Crabtree
  - 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; prereq 1001 or 1101)
- 32905: 9:15-10:20 am MWF
  - Sci 2185
  - 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
- 32752 Lab 2: 2:00-5:00 pm Thu
  - Sci 1510
  - Crabtree
  - Max 12

#### Geol 2121. Sedimentology and Stratigraphy. (Sci-L; 4 cr; prereq 2101)
- Lec 1: 9:50-11:30 am TTh
- 33352 Lab 2: 2:00-5:00 pm Fri
  - Sci 2185
  - Cotter
  - Max 20

#### Geol 2131. Geomorphology. (Sci; 4 cr; prereq 1101)
- Lec 1: Arranged
- 33356 Lab 2: Arranged
  - Cotter
  - Max 15

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

#### Geol 3001. Global Tectonics. (Sci; 4 cr; prereq instr consent)
- 33030: 1:00-2:05 pm MWF
  - Sci 1515
  - Brugger
  - Max 12

#### Geol 3501. Hydrology. (Sci; 4 cr; prereq Math 1021 or Math 1101 or instr consent)
- 32858: 10:30-11:35 am MWF
  - Sci 3610
  - Brugger
  - Max 20

#### Geol 3601. Introduction to Geochemistry. (Sci; prereq (or coreq) 2101 or Chem 1102 or instr consent)
- 33358: 8:00-9:05 am MWF
  - Sci 1510
  - Crabtree
  - Max 12

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

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

#### 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)
- 32458 Sec 1 2:15-3:20 pm MWF Hum 11 Carey Max 25
- 33502 Sec 2 2:00-3:40 pm TTh Hum 111 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)
- 32835 12:50-2:30 pm TTh Hum 12 Wilberg 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)
- 33226 4:30-6:10 pm TTh Hum 12 Wilberg Max 15

Ger 3333. Advanced German Grammar. (IP; 4 cr; prereq 2002 or instr consent; may enroll concurrently with 3101)
- 32919 10:30-11:35 am MWF Hum 12 Carey 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)
- 33225 1:00-2:05 pm MWF Hum 12 Carey Max 15

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

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# HISTORY

**Hist 1111. Introduction to World History.** (Hist; 4 cr)
32924 8:00-9:40 am  TTh  IH 109  James  Max 40

**Hist 1112. Introduction to African History to 1880.** (Hist; 4 cr)
32966 12:50-2:30 pm  TTh  IH 113  James  Max 25

**Hist 1301. Introduction to U.S. History.** (Hist; 4 cr)
32758 9:15-10:20 am  MWF  IH 109  Guyotte  Max 40

**Hist 1820. What Happened? The 2016 Election in Historical Context.** (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)
34423 10:30-11:35 am  MWF  Sci 2185  Gross  Max 24

**Hist 1821. Global Blackness.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
34425 Sec 1 1:40-2:30 pm  TTh  IH 113  James  Max 13
34425 Sec 2 2:40-3:30 pm  TTh  IH 217  James  Max 13

**Hist 1822. Age of Atlantic Revolutions.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
34357 Sec 1 11:45-12:35 am  MW  IH 203  Narvaez  Max 13
34358 Sec 2 1:00-1:50 pm  MW  IH 203  Narvaez  Max 13

**2451. The American West.** (Hist; 4 cr)
33292 9:50-11:30 am  TTh  IH 113  Guyotte  Max 25

**Hist 2452. Minnesota History.** (Hist; 4 cr)
33293 8:00-9:05 am  MWF  IH 114  Gross  Max 25

**Hist 2608. History of Cuba: From Colony to Revolutionary State.** (Hist; 4 cr)
33295 3:30-5:10 pm  MW  IH 113  Narvaez  Max 25

**Hist 3181. The Study of History.** (Hist; 4 cr; prereq instr consent)
33099 9:50-11:30 am  TTh  IH 203  Bruce  Max 18

**Hist 3304. Race, Class, and Gender in American History.** (HDiv; 4 cr)
33298 9:15-10:20 am  MWF  IH 203  Whalen  Max 15

**Hist 3403. American Indian Education: History and Representation.** (E/CR; 4 cr)(Meets w/NAIS 3403)
33303 2:15-3:20 pm  MWF  IH 111  Whalen  Max 15

**Hist 3456. History of Religion in America.** (Hist; 4 cr)
33294 10:30-11:35 am  MWF  IH 203  Gross  Max 15

**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)
32804 4:30-6:30 pm  Tue  IH 217  Guyotte  Max 15

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

*Fall Semester 2018*
HUMAN SERVICES

HMSV 4896. Internship in the Human Services. (4 cr; prereq Psy 4102, approved internship; Psy 4101 recommended; S-N only)

Arranged

Peters

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## HUMANITIES

**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)

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<th>Time</th>
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<tr>
<td>34472</td>
<td>Sec 2</td>
<td>2:15-3:05 pm</td>
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<td>HFA 23</td>
<td>Wenzel</td>
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**Hum 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Hum 2062. Beowulf and Beyond: The Northern Heroic Tradition.** (Hum; 4 cr)

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<td>35176</td>
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**Hum 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

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

Arranged

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

Arranged
INTERDISCIPLINARY STUDIES

IS 1041. Health Sciences Terminology. (2 cr)
32844 Completely online Goodnough

IS 1061. Mastering Skills for College Success. (2 cr; prereq instr consent; S-N only)
32770 9:15-10:20 am  MWF (2nd half) Hum 12 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) [Note: Students will choose between TTh, 12:00-1:40 pm with additional Saturday meetings as arranged between the instructor and student or TTh, 6:30-10:30 pm for class times. Class times will be listed as 'arranged' when registering.]
32434 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)
35192 2:40-4:20 pm TTh Sci 1030 Manolis Max 24

IS 1810. Global Flashpoints. (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)
33217 Sec 1 9:50-11:30 am TTh Hum 11 Miller Max 24
34422 Sec 2 12:50-2:30 pm TTh Hum 205 Miller Max 24

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 10:00-10:50 am Tue Sci 3650 R. Johnson, J. Johnson
32931 Dis 2 9:00-9:50 am Thu Sci 3610 R. Johnson, J. Johnson Max 15
32932 Dis 3 10:00-10:50 am Thu Sci 3650 R. Johnson, J. Johnson Max 15

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

IS 3103. Graduate Success Seminar. (1 cr; prereq admission to the McNair Program)
34433 Arranged Carpenter

IS 3246H. Honors: Science, Poetry, and the Great War. (Sci; 4 cr; prereq participation in the Honors Program or instr consent)
33450 11:45-12:50 pm MWF Sci 2200 Togeas Max 15

IS 3254H. Honors: The Prairie: What It Was, What It Is, What It Could Be. (Envt; 2 cr; prereq participation in Honors Program or instr consent)
34465 12:50-4:10 pm Fri (1st half) IH 217 Kuchenreuther, Max 15
A. Kildegaard

IS 3311. Perspectives on Death & Dying. (2 cr; prereq junior status or higher)
34466 2:40-4:20 pm Tue IH 101 Kellehear Max 20

IS 3710. Peer Tutoring in College. (1 cr [max 3 cr]; S-N only)
32771 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)
32721 Arranged Turk
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

Staff

Fall Semester 2018
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)  
32664 10:30-11:35 am MWF Hum 11 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)  
34458 Sec 1 8:50-9:40 am TTh Hum 12 V. Berberi Max 13  
34459 Sec 2 9:50-10:40 am TTh Hum 12 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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<td>32791 Sec 1</td>
<td>2:15-3:05 pm</td>
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<td>Sci 4655</td>
<td>Pederson</td>
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<td>32792 Sec 2</td>
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<td>Sci 4655</td>
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<td>32942 Sec 3</td>
<td>9:50-10:45 am</td>
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<td>Sci 4655</td>
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<td>32979 Sec 4</td>
<td>12:50-1:45 pm</td>
<td>TTh</td>
<td>Sci 2185</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)

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<td>32793 Sec 1</td>
<td>10:30-11:35 am</td>
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<td>HFA 6</td>
<td>Robinson</td>
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<td>32920 Sec 2</td>
<td>11:45-12:50 pm</td>
<td>MW</td>
<td>HFA 6</td>
<td>Robinson</td>
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<td>32980 Sec 3</td>
<td>2:15-3:20 pm</td>
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<td>IH 114</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 08/30/18 to 11/15/18

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<td>Thu</td>
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<td>Pederson</td>
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<td>32795 Dis 2</td>
<td>4:00-5:30 pm</td>
<td>Mon</td>
<td>Hum 11</td>
<td>Pederson</td>
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<td>32796 Dis 3</td>
<td>9:50-11:20 am</td>
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<td>HFA 18</td>
<td>Pederson</td>
<td>12</td>
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<td>32797 Dis 4</td>
<td>2:40-4:10 pm</td>
<td>Tue</td>
<td>Hum 211</td>
<td>Pederson</td>
<td>12</td>
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<td>32943 Dis 5</td>
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<td>Tue</td>
<td>Hum 11</td>
<td>Pederson</td>
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**Lang 1071. Writing in the American University II.** (3 cr; prereq 1061, instr consent)

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<td>Sci 4655</td>
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LATIN

Lat 1001. Beginning Latin I. (4 cr)
33029  11:45-12:50 pm  MWF  Hum 111  Bevevino  Max 25

Lat 2001. Intermediate Latin Prose. (IP; 4 cr; prereq grade of C-or S in 1002 or instr consent)
34794  2:30-3:20 pm  MTWTh  HFA 7  Smith  Max 15

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)
32441    Arranged  M. Genova

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)
32872    Arranged  Narvaez  Cap 12

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

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MANAGEMENT

Mgmt 1011. Fundamentals of Personal Finance. (SS; 2 cr)
33288 Sec 1  1:00-2:05 pm  MWF (1st half)  IH 112  Burks  Max 30
34348 Sec 2  2:40-4:20 pm  TTh (1st half)  IH 109  Panda  Max 30

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

Mgmt 2101. Principles of Accounting I. (4 cr)
32525 Sec 1  8:00-9:05 am  MWF  IH 101  Wyum  Max 40
32526 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. (4 cr; prereq 2102, Econ 1111, Econ 1112, Stat 1601)
32527  8:00-9:40 am  TTh  IH 114  Economou  Max 30

Mgmt 3151. Human Resources Management I. (E/CR; 2 cr; prereq 2101 or instr consent)
32906  2:15-3:20 pm  MWF (1st half)  IH 112  Economou  Max 30

Mgmt 3152. Human Resource Management II. (HDiv; 2 cr; prereq 3151 or instr consent)
32907  2:15-3:20 pm  MWF (2nd half)  IH 112  Economou  Max 30

Mgmt 3221. Management and Organization Theory. (4 cr; prereq 2101, Econ 1111 or instr consent)
32815  9:15-10:20 am  MWF  IH 101  Wyum  Max 30

Mgmt 3701. Organizational Behavior. (SS; 4 cr; prereq Stat 1601 or Stat 2601, jr or sr)(Same as Psy 3701)
32714  10:30-11:35 am  MWF  IH 114  Stewart  Max 20

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

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)

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<td>32609</td>
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<td>Sci 3650</td>
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**Math 1012. PreCalculus I: Functions.**  (4 cr; prereq Math 0901 or placement; no credit for students who have received credit for Math 1014)

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<td>32759 Sec 1</td>
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<td>Sci 3610</td>
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<td>32878 Sec 2</td>
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<td>MWF</td>
<td>Sci 3650</td>
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**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)

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<td>32760</td>
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**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 1101)

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<td>32900</td>
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<td>MWF</td>
<td>Sci 2190</td>
<td>McQuarrie</td>
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**Math 1101. Calculus I.**  (M/SR; 5 cr; prereq 1012, 1013 or placement)

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<td>32420 Sec 1</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 3510</td>
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<td>Max 35</td>
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<td>8:00-9:40 am</td>
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<td>32421 Sec 2</td>
<td>10:30-11:35 am</td>
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<td>Sci 3510</td>
<td>Atkinson</td>
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**Math 1102. Calculus II.**  (M/SR; 5 cr; prereq 1101)

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<td>3:30-4:35 pm</td>
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<td>Sci 3510</td>
<td>McQuarrie</td>
<td>Max 35</td>
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**Math 1801. Geometry Collides with Culture: Patterns in Space.**  (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)

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<td>33440 Sec 1</td>
<td>8:50-9:40 am</td>
<td>TTh</td>
<td>Sci 3665</td>
<td>Logan</td>
<td>Max 13</td>
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<tr>
<td>33441 Sec 2</td>
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<td>Sci 3665</td>
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**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)

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<th>Days</th>
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<tr>
<td>32427</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 4655</td>
<td>Logan</td>
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**Math 2211. History of Mathematics.**  (4 cr; prereq 1101 or higher or instr consent)

<table>
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<tr>
<td>33362</td>
<td>3:30-4:35 pm</td>
<td>MWF</td>
<td>Sci 2200</td>
<td>Roberts</td>
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**Math 2401. Differential Equations.**  (M/SR; 4 cr; prereq 1102 or instr consent)

<table>
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<tbody>
<tr>
<td>32428</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 3650</td>
<td>McQuarrie</td>
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</table>

**Math 2501. Probability and Stochastic Processes.**  (M/SR; 4 cr; prereq 1101 or instr consent)(Same as Stat 2501)

<table>
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<td>32682</td>
<td>2:15-3:20 pm</td>
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<td>Sci 3610</td>
<td>Sungur</td>
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**Math 2993. Directed Study.**  (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Math 3111. Linear Algebra.**  (4 cr; prereq 1102)

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<tr>
<td>32772</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Sci 2200</td>
<td>Atkinson</td>
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**Math 3221. Real Analysis I.**  (4 cr; prereq 1102, 2202, or instr consent)

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<td>32649</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 3610</td>
<td>Roberts</td>
<td>Max 30</td>
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*Fall Semester 2018*
Math 3411. Discrete and Combinatorial Mathematics. (4 cr; prereq 1102 or higher or instr consent)
32430  10:30-11:35 am  MWF  Sci 4655  Ng  Max 30

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

Math 4221. Topology. (2 cr; prereq 2202 or instr consent)
33365  3:00-3:50 pm  TTh  Sci 3665  Atkinson  Max 20

Math 4901. Senior Seminar. (2 cr; prereq sr, math major; full year course begins fall sem; A-F only)
32914  Arranged  Ng

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

**Mus 0100. Concert Attendance.** (0 cr; prereq major or minor; S-N only)
- 32807 Sec 1: Arranged music majors only
- 34970 Sec 2: Arranged music minors only
  
  B. Miller

**Mus 1041. Introduction to Music.** (FA; 4 cr)
- 32461: 11:45-12:50 pm MWF HFA 185 D. Odello Max 50
  
  B. Miller

**Mus 1044. Class Piano for the Non-Music Major.** (ArtP; 1 cr; special fee required)
- 32836: 1:00-1:50 pm Mon HFA 175 Bae Max 12
- 32837: 1:00-1:50 pm Wed HFA 175 Bae Max 12
- 33137: 9:50-10:40 am Tue HFA 175 Bae Max 12
  
  B. Miller

**Mus 1045. Class Guitar.** (ArtP; 1 cr; special fee required)
- 32668: 12:50-1:50 pm Tue HFA 170 Flegel Max 25
  
  B. Miller

**Mus 1050. Accompanying.** (ArtP; 1 cr ; prereq instr consent)
- 33248: 6:15-7:15 pm Thu HFA 160 DuHamel
  
  B. Miller

**Mus 1070. Instrumental Chamber Ensemble.** (ArtP; 1 cr [max 8 cr]; prereq instr consent ; S-N only)
- 32463: 6:00-7:00 pm Wed HFA 180 Tillier
  
  B. Miller

**Mus 1080. Jazz Combo.** (ArtP; 1 cr [max 8 cr]; S-N only)
- 32464: 6:00-7:00 pm Mon HFA 180 Campbell
  
  B. Miller

**Mus 1081. Jazz Improvisation.** (ArtP; 2 cr)
- 32958: 1:40-2:30 pm TTh HFA 180 Campbell
  
  B. Miller

**Mus 1111. Functional Keyboard for the Music Major I.** (ArtP; 1 cr; prereq music major or minor; special fee required)
- 32808: 1:40-2:30 pm TTh HFA 175 DuHamel Max 12
- 33249: 12:50-1:40 pm TTh HFA 175 DuHamel tentative
  
  B. Miller

**Mus 1151. Foundations of Music Theory I: Rhythm and Pitch.** (M/SR; 2 cr; coreq 1153, 1155, concurrent enrollment in piano classes/lessons until piano proficiency is passed for maj/min)
- 33044: 9:15-10:05 am MW HFA 185 Flinn Max 30
  
  B. Miller

**Mus 1153. Foundations of Musicianship I.** (1 cr; coreq 1151, 1155)
- 33045: 9:15-10:05 am Fri HFA 175 Flinn Max 12
- 33250: 10:30-11:20 am Fri HFA 175 Flinn Max 12
  
  B. Miller

**Mus 1155. Foundations of Music History I: Ancient to 1750.** (Hist; 2 cr; coreq 1151, 1153)
- 33046: 8:50-9:40 am TTh HFA 185 D. Odello Max 30
  
  B. Miller

**Mus 1200-1222. Individual Performance Studies.** (ArtP; 1 cr each [max 8 cr per instrument]; prereq instr consent; special fee required)
- **Mus 1200. Piano**
  - 32465 Sec 1: Arranged DuHamel
  - 32613 Sec 2: Arranged Bae
  - 32614 Sec 3: Arranged Helder
  
  B. Miller

**Mus 1201. Piano Accompanying**
- 32466: Arranged DuHamel

**Mus 1202. Organ**
- 32467: Arranged Staff

**Mus 1203. Harpsichord**
- 32468: Arranged Staff
Mus 1204. Voice
32469 Sec 1  Arranged  A. Miller
32615 Sec 2  Arranged  Howes
32616 Sec 3  Arranged  B. Miller
32617 Sec 4  Arranged  K. Miller

Mus 1205. Violin
32470  Arranged  Corbett

Mus 1206. Viola
32471  Arranged  Corbett

Mus 1207. Cello
32472  Arranged  Staff

Mus 1208. Double Bass
32473  Arranged  Staff

Mus 1209. Flute
32474  Arranged  DeVoll

Mus 1210. Oboe
32475  Arranged  Bushman

Mus 1211. Clarinet
32476  Arranged  Tillier

Mus 1212. Saxophone
32477  Arranged  Campbell

Mus 1214. Trumpet
32478  Arranged  Jimenez

Mus 1215. French Horn
32479  Arranged  Jimenez

Mus 1216. Trombone
32480  Arranged  Varpness

Mus 1217. Euphonium
32481  Arranged  Varpness

Mus 1218. Tuba
32482  Arranged  M. Odello

Mus 1219. Percussion
32483  Arranged  Horey

Mus 1221. Guitar
32656  Arranged  Flegel

Mus 1222. Electric Bass
32657  Arranged  Flegel

Mus 1223. Composition
32732 Sec 1  Arranged  Campbell
33252 Sec 2  Arranged  Flinn

Mus 1300. UMM Symphonic Winds. (ArtP; 1 cr [max 8 cr]; S-N only; special fee required for fall semester) (Meets w/Mus 1352)
32484  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)
32486  3:30-4:20 pm TTh  HFA 180  Tillier

Mus 1310. University Choir. (ArtP; 1 cr [max 8 cr]; S-N only)
32485  1:00-2:05 pm  MW  HFA 170  Miller

Mus 1320. Concert Choir. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
32486  5:00-6:15 pm M-Th  HFA 170  B. Miller

Mus 1321. Chamber Singers. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
32487  7:30-9:00 pm  Tue  HFA 170  B. Miller

Fall Semester 2018
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
<th>Meeting Times</th>
<th>Location</th>
<th>Instructor(s)</th>
<th>Seats Available</th>
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<tbody>
<tr>
<td>Mus 1330.</td>
<td>Jazz Ensemble</td>
<td>1 cr</td>
<td>(ArtP; max 8 cr; S-N only)</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Campbell</td>
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<td>HFA 180</td>
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<td>MAX 8</td>
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<tr>
<td>Mus 1331.</td>
<td>Brass Ensemble</td>
<td>1 cr</td>
<td>(ArtP; max 8 cr; S-N only)</td>
<td>5:00-5:50 pm</td>
<td>TTh</td>
<td>Tillier</td>
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<tr>
<td>Mus 1350.</td>
<td>Choral Ensembles: Community Membership</td>
<td>0 cr</td>
<td>(0 cr; prereq instr consent)(Meets w/Mus 1310)</td>
<td>7:00-8:00 pm</td>
<td>Mon</td>
<td>Campbell</td>
<td>MAX 20</td>
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<td>HFA 180</td>
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<tr>
<td>Mus 1351.</td>
<td>Jazz Ensembles: Community Membership</td>
<td>0 cr</td>
<td>(0 cr; prereq instr consent)</td>
<td>2:40-3:30 pm</td>
<td>Tue</td>
<td>Flegel</td>
<td>MAX 25</td>
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<tr>
<td>Mus 1352.</td>
<td>Wind/Brass Ensembles: Community Membership</td>
<td>0 cr</td>
<td>(0 cr; prereq instr consent)(Meets w/Mus 1300)</td>
<td>9:15-10:20 am</td>
<td>MW</td>
<td>Corbett</td>
<td>MAX 20</td>
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<td>Mus 2045.</td>
<td>Intermediate Class Guitar</td>
<td>1 cr</td>
<td>(ArtP; 1 cr; prereq 1045 or instr consent; special fee required)</td>
<td>2:40-3:30 pm</td>
<td>Tue</td>
<td>Flegel</td>
<td>MAX 25</td>
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<td>HFA 170</td>
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<td>Mus 2111.</td>
<td>Functional Keyboard for the Music Major III</td>
<td>1 cr</td>
<td>(ArtP; 1 cr; prereq 1112, music major or minor; special fee required)</td>
<td>2:40-3:30 pm</td>
<td>TTh</td>
<td>DuHamel</td>
<td>MAX 12</td>
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<td>Mus 2151.</td>
<td>Intermediate Music Theory: Form</td>
<td>2 cr</td>
<td>(2 cr; prereq 1152, music major or minor or instr consent)</td>
<td>9:50-10:40 am</td>
<td>TTh</td>
<td>A. Miller</td>
<td>MAX 25</td>
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<td>Mus 2152.</td>
<td>Intermediate Music Theory: Harmony</td>
<td>2 cr</td>
<td>(2 cr; prereq 1152, music major or minor or instr consent)</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>D. Odello</td>
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<tr>
<td>Mus 3115.</td>
<td>Gender and Sexuality in Music</td>
<td>2 cr</td>
<td>(FA; 2 cr; prereq ability to read music and identify basic scales and chords)</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>D. Odello</td>
<td>MAX 12</td>
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<td>Mus 3117.</td>
<td>Music in Film</td>
<td>2 cr</td>
<td>(FA; 2 cr; prereq ability to read music and identify basic scales and chords)</td>
<td>10:30-11:35 am</td>
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<tr>
<td>Mus 3200.</td>
<td>Advanced Individual Performance Studies</td>
<td>1 cr</td>
<td>(ArtP; 1 cr each [max 8 cr per instrument]; prereq instr consent; special fee required)</td>
<td>9:50-10:40 am</td>
<td>TTh</td>
<td>A. Miller</td>
<td>MAX 25</td>
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<td>Mus 3200.</td>
<td>Piano</td>
<td></td>
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<td>2:40-3:30 pm</td>
<td>TTh</td>
<td>A. Miller</td>
<td>MAX 25</td>
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<td>HFA 185</td>
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<td>Mus 3201.</td>
<td>Piano Accompanying</td>
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<td>9:15-10:20 am</td>
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<td>A. Miller</td>
<td>MAX 25</td>
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<td>HFA 180</td>
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<td>Mus 3202.</td>
<td>Organ</td>
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<td>9:15-10:20 am</td>
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<td>A. Miller</td>
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<tr>
<td>Mus 3203.</td>
<td>Harpsichord</td>
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<td>9:15-10:20 am</td>
<td>MW</td>
<td>A. Miller</td>
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<td>HFA 180</td>
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Mus 3204. Voice
32491 Sec 1  Arranged  A. Miller
32618 Sec 2  Arranged  Howes
32619 Sec 3  Arranged  B. Miller
32620 Sec 4  Arranged  K. Miller

Mus 3205. Violin
32492  Arranged  Corbett

Mus 3206. Viola
32493  Arranged  Corbett

Mus 3207. Cello
32494  Arranged  Staff

Mus 3208. Double Bass
32495  Arranged  Staff

Mus 3209. Flute
32496  Arranged  DeVoll

Mus 3210. Oboe
32497  Arranged  Bushman

Mus 3211. Clarinet
32498  Arranged  Tillier

Mus 3212. Saxophone
32499  Arranged  Campbell

Mus 3214. Trumpet
32500  Arranged  Jimenez

Mus 3215. French Horn
32501  Arranged  Jimenez

Mus 3216. Trombone
32502  Arranged  Varpness

Mus 3217. Euphonium
32503  Arranged  Varpness

Mus 3218. Tuba
32504  Arranged  M. Odello

Mus 3219. Percussion
32505  Arranged  Horey

Mus 3221. Guitar
32669  Arranged  Flegel

Mus 3222. Electric Bass
32670  Arranged  Flegel

Mus 3223. Composition
32733 Sec 1  Arranged  Campbell
33263 Sec 2  Arranged  Flinn

Mus 3224. Improvisation
34432  Arranged  Campbell

Mus 3311. Conducting Techniques. (2 cr; prereq major or minor or instr consent)
32720  11:45-12:50 pm  MWF  HFA 180  Tillier

Mus 3331. Choral Conducting and Materials. (2 cr; prereq 3311, major or minor or instr consent)
33264  11:45-12:50 pm  MWF  HFA 170  B. Miller

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

Mus 4901. Senior Project and Portfolio. (1 cr; prereq major, instr consent; S-N only)
Arranged  D. Odello
### NATIVE AMERICAN AND INDIGENOUS STUDIES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Time</th>
<th>Days</th>
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<td>NAIS xxxx</td>
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<tr>
<td>NAIS 1001</td>
<td>Beginning Dakota Language I. (4 cr)</td>
<td>4</td>
<td>9:50-11:30 am</td>
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<td>NAIS 1011</td>
<td>Beginning Anishinaabe Language I. (4 cr)</td>
<td>4</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td>IH 101</td>
<td>Staff</td>
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<tr>
<td>NAIS 1054</td>
<td>Associated Languages: Introduction to Nahuatl Language. (IP; 4 cr; due to the fact that many Nahuatl texts are bilingual, it is recommended that students have completed at least two years for college-level Spanish) (Meets w/ Span 1054)</td>
<td>4</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Hum 11</td>
<td>Kmett</td>
<td>Max 25</td>
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<tr>
<td>NAIS 1101</td>
<td>Introduction to Native American and Indigenous Studies. (HDiv; 4 cr)</td>
<td>4</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>IH 109</td>
<td>Whalen</td>
<td>Max 25</td>
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<td>NAIS 1801</td>
<td>American Indian Song and Dance. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)</td>
<td>2</td>
<td>2:15-3:20 pm</td>
<td>MW</td>
<td>HFA 18</td>
<td>Desrosiers</td>
<td>Max 13</td>
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<td>NAIS 2011</td>
<td>Intermediate Anishinaabe Language I. (Hum; 4 cr; prereq 1012 or placement or instr consent)</td>
<td>4</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
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<td>NAIS 2993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<tr>
<td>NAIS 3403</td>
<td>American Indian Education: History and Representation. (E/CR; 4 cr)(Meets w/ Hist 3403)</td>
<td>4</td>
<td>2:15-3:20 pm</td>
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<td>IH 111</td>
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*Fall Semester 2018*
# PHILOSOPHY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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</thead>
<tbody>
<tr>
<td>Phil 1101, Introduction to Philosophy</td>
<td>33052 Sec 1</td>
<td>8:00-9:40 am</td>
<td>TTh</td>
<td>Sci 1030</td>
<td>McFarlane</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>33053 Sec 2</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>Sci 1030</td>
<td>McFarlane</td>
<td>25</td>
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Phil 1805, Campus Quandaries: Moral Problems Raised by College Life. (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>34463</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td>Sci 3650</td>
<td>Demetriou</td>
<td>25</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>
<th>Course Code</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
<td>33094 Sec 1</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 1030</td>
<td>Garavaso</td>
<td>25</td>
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<tr>
<td>33095 Sec 2</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 1030</td>
<td>Garavaso</td>
<td>25</td>
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Phil 2112, Professional Ethics. (E/CR; 4 cr)

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<th>Days</th>
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<th>Instructor</th>
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<tr>
<td>33709</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td>Hum 211</td>
<td>McFarlane</td>
<td>25</td>
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Phil 2993, Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

Phil 3121, Political Philosophy. (SS; 4 cr; prereq 1101 or 2101 or 2111 or instr consent)

<table>
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<th>Location</th>
<th>Instructor</th>
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<td>33234</td>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>Sci 3650</td>
<td>Demetriou</td>
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Phil 3141, The Theory of Knowledge. (Hum; 4 cr; prereq 1101 or 2101 or 2111 or instr consent)

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<th>Days</th>
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<th>Max</th>
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<td>33231</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>IH 101</td>
<td>Garavaso</td>
<td>25</td>
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Phil 3993, Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

Phil 4000, History of Philosophy Seminar. (Hist; 4 cr; prereq 1101 or 2101 or 2111 or instr consent)

<table>
<thead>
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<th>Location</th>
<th>Instructor</th>
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<td>33232</td>
<td>5:30-7:10 pm</td>
<td>MW</td>
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<td>Staff</td>
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Phil 4993, Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

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# PHYSICS

**Phys 1052. The Solar System.** (Sci-L; 5 cr; no cr for students who have received cr for Phys 1051)

<table>
<thead>
<tr>
<th>Lec 1</th>
<th>2:15-3:20 pm</th>
<th>MWF</th>
<th>Sci 2200</th>
<th>McIntosh</th>
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<td>32875 Lab 2</td>
<td>9:00-11:00 am</td>
<td>Tue</td>
<td>Sci 4530</td>
<td>McIntosh</td>
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<tr>
<td>32876 Lab 3</td>
<td>2:40-4:40 pm</td>
<td>Tue</td>
<td>Sci 4530</td>
<td>McIntosh</td>
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**Phys 1091. Principles of Physics I.** (Sci-L; 5 cr; prereq high school higher algebra)

<table>
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<tr>
<th>Lec 1</th>
<th>10:30-11:35 am</th>
<th>MWF</th>
<th>Sci 2190</th>
<th>Morgan</th>
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<tr>
<td>32679 Lab 2</td>
<td>9:00-11:00 am</td>
<td>Thu</td>
<td>Sci 4550</td>
<td>Morgan</td>
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<tr>
<td>32680 Lab 3</td>
<td>1:00-3:00 pm</td>
<td>Thu</td>
<td>Sci 4550</td>
<td>Morgan</td>
</tr>
<tr>
<td>32915 Lab 4</td>
<td>3:30-5:30 pm</td>
<td>Thu</td>
<td>Sci 4550</td>
<td>Morgan</td>
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**Phys 1102. General Physics II.** (Sci-L; 5 cr; prereq 1101, Math 1102 or instr consent)

<table>
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<th>Lec 1</th>
<th>10:30-11:35 am</th>
<th>MWF</th>
<th>Sci 1030</th>
<th>Korth</th>
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<td>32631 Lab 2</td>
<td>3:30-5:30 pm</td>
<td>Mon</td>
<td>Sci 4550</td>
<td>McIntosh</td>
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<td>32632 Lab 3</td>
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<td>Tue</td>
<td>Sci 4550</td>
<td>Korth</td>
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**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 3101. Classical Mechanics.** (Sci; 4 cr; prereq 2101, Math 2101 or instr consent)

| 33375 | 1:00-2:05 pm | MWF | Sci 3655 | Korth | Max 12 |

**Phys 3401. Experimental Physics.** (Sci-L; 4 cr; prereq 2101)

<table>
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<tr>
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<th>2:15-3:05 pm</th>
<th>MWF</th>
<th>Sci 3655</th>
<th>Morgan</th>
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<tr>
<td>33374 Lab 2</td>
<td>1:00-4:00 pm</td>
<td>Tue</td>
<td>Sci 4610</td>
<td>Morgan</td>
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**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)

| 4:30-5:20 pm | Thu | Sci 3665 | Korth | Max 8 |

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

Arranged

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## POLITICAL SCIENCE

**Pol 1201. American Government and Politics.** (E/CR; 4 cr)
32529 4:30-6:10 pm  TTh  IH 109  Rose  Max 50

**Pol 1401. World Politics.** (IP; 4 cr)
32640 10:30-11:35 am  MWF  IH 111  Joo  Max 50

**Pol 1811. War and Terrorism.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
32789 Sec 1 1:00-1:50 pm  MW  IH 217  Joo  Max 13
32790 Sec 2 2:15-3:05 pm  MW  IH 217  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)
32838 12:50-2:30 pm  TTh  IH 11  Rose  Max 18

**Pol 2354. Political Ethics.** (E/CR; 4 cr)
33309 8:00-9:40 am  TTh  IH 111  Breen  Max 20

**Pol 2401. U.S. Foreign Policy.** (IP; 4 cr)
33306 3:30-5:10 pm  MW  IH 217  Joo  Max 20

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

**Pol 3231. Constitutional Law: Civil Liberties and Civil Rights.** (HDiv; 4 cr; prereq 1201)
33307 9:15-10:20 am  MWF  IH 111  Lindberg  Max 20

**Pol 3251. Political Participation and Voting Behavior.** (SS; 4 cr; prereq 1201)
33308 11:45-12:50 pm  MWF  IH 111  Lindberg  Max 20

**Pol 3302. Islamic Political Thought.** (SS; 2 cr; prereq 1101 or instr consent)
33312 1:00-2:05 pm  MWF (1st half)  HFA 6  Breen  Max 20

**Pol 3303. Gender, Sexuality, and Political Theory.** (SS; 2 cr; prereq 1101 or instr consent)
33313 1:00-2:05 pm  MWF (2nd half)  HFA 6  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; A-F only)
33310 9:50-11:30 am  TTh  IH 217  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)
- 32532 Sec 1  1:00-2:05 pm  MWF  IH 111  Meek  Max 50
- 32853 Sec 2  2:15-3:20 pm  MWF  IH 109  Michael  Max 50
- 33325 Sec 98  Completely Online  Staff  Max 30

**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)
- 33322  9:15-10:05 am  MW  IH 202  Michael  Max 13

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

**Psy 2001. Research Methods in Psychology.** (SS; 4 cr; prereq 1051, Stat 1601 or Stat 2601, psy major or minor, or instr consent)
- 32748 Sec 1  9:15-10:20 am  MWF  IH 113  C. Stewart  Max 20
- 32819 Sec 2  9:50-11:30 am  TTh  IH 114  Loehle-Conger  Max 20

**Psy 2402. Family Interaction Dynamics.** (SS; 4 cr)
- 33122  8:00-9:40 am  TTh  IH 112  Holst  Max 30

**Psy 2411. Introduction to Lifespan Developmental Psychology.** (SS; 4 cr; prereq 1051)
- 32734  4:30-6:10 pm  TTh  IH 112  Baldelomar  Max 30

**Psy 2581. Drugs and Human Behavior.** (SS; 2 cr; prereq 1051 or instr consent)
- 33323  10:30-11:35 am  MWF (2nd half)  IH 101  Michael  Max 35

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

**Psy 3051. The Psychology of Women and Gender.** (4 cr; prereq 1051 or instr consent)
- 34351  12:50-2:30 pm  TTh  IH 114  Holst  Max 20

**Psy 3101. Learning Theory and Behavior Modification.** (4 cr; prereq 2001 or instr consent)
- 32663  11:45-12:50 pm  MWF  IH 113  C. Stewart  Max 24

**Psy 3111. Sensation and Perception.** (4 cr; prereq 2001 or instr consent)
- 32533  11:45-12:50 pm  MWF  IH 114  Johnson  Max 24

**Psy 3121. Psychology of Creativity.** (4 cr; prereq at least 8 credits of Psy at 2xxx or above)
- 34352  2:15-3:20 pm  MWF  IH 202  Johnson  Max 10

**Psy 3211. Biological Psychology.** (Sci-L; 5 cr; prereq [1051, 2001] or Biol 1101 or Biol 1111)
- 32910  10:30-11:35 am  MWF  IH 113  Meek  Max 24

**Psy 3302. Personality.** (4 cr; prereq 1051 or instr consent)
- 32773  2:40-4:20 pm  TTh  IH 112  Loehle-Conger  Max 30

**Psy 3313. Psychopathology.** (4 cr; prereq 1051 or instr consent)
- 32904  9:50-11:30 am  TTh  IH 112  Peters  Max 30

**Psy 3314. Child and Adolescent Psychopathology.** (4 cr; prereq 1051 or instr consent; A-F only)
- 33328  4:30-6:10 pm  TTh  IH 113  Holst  Max 30

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*Fall Semester 2018*
### Psy 3404. Culture and Human Development. (HDiv; 4 cr; prereq 1051 or instr consent)
- **Code:** 34337
- **Time:** 12:50-2:30 pm
- **Days:** TTh
- **Location:** IH 112
- **Instructor:** Baldelomar
- **Max:** 30

### Psy 3521. Health Psychology. (4 cr; prereq 1051)
- **Code:** 33324
- **Time:** 3:30-4:35 pm
- **Days:** MWF
- **Location:** IH 112
- **Instructor:** Michael
- **Max:** 35

### Psy 3701. Organizational Behavior. (SS; 4 cr; prereq Stat 1601 or Stat 2601, jr or sr)(Meets w/Mgmt 3701)
- **Code:** 32703
- **Time:** 10:30-11:35 am
- **Days:** MWF
- **Location:** IH 114
- **Instructor:** D. Stewart
- **Max:** 10

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

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

### Psy 4102. Introduction to Professional Conduct, Legal Constraints, Ethics in Human Services. (E/CR; 2 cr; prereq jr, 8 cr 3xxx or 4xxx Psy or Soc or Anth courses or instr consent)
- **Code:** 32723
- **Time:** 4:30-6:10 pm
- **Days:** TTh (2nd half)
- **Location:** IH 114
- **Instructor:** Loehle-Conger
- **Max:** 15

### Psy 4896. Field Experiences In Psychology. (1-4 cr [max 4 cr]; prereq instr consent, only 4 cr may be applied toward the BA or Psy major; S-N only)
- **Arranged**

### Psy 4930. Advanced Seminar in Personality or Clinical Psychology. (4 cr; prereq 2001, 3302 or 3313 or 3314, sr status, instr consent; A-F only)
- **Code:** 33339
- **Time:** 2:40-4:20 pm
- **Days:** TTh
- **Location:** IH 202
- **Instructor:** Peters
- **Max:** 8

### Psy 4940. Advanced Seminar in Developmental Psychology. (4 cr; prereq 2001, 3401 or 3402 or 3403, sr status, instr consent; A-F only)
- **Code:** 33074
- **Time:** 8:00-9:40 am
- **Days:** TTh
- **Location:** IH 203
- **Instructor:** Baldelomar
- **Max:** 8

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

Soc 1101. Introductory Sociology. (SS; 4 cr)
32521 10:30-11:35 am  MWF  IH 109  Rothchild  Max 70

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

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

Soc 3103. Research Methodology in Sociology. (4 cr; prereq 1101)
32762 2:40-4:20 pm  TTh  Sci 2190  Gilanshah  Max 30

Soc 3121. Sociology of Gender and Sexuality. (HDiv; prereq 1101 or Anth 1111 or instr consent)
33283 9:15-10:20 am  MWF  IH 114  Rothchild  Max 30

Soc 3131. World Population. (Envt; 4 cr; prereq 1101 or instr consent)
32784 12:50-2:30 pm  TTh  Sci 2190  Gilanshah  Max 30

Soc 3403. Sociological Theory. (4 cr; prereq 1101; 4 addtl cr in Soc recommended)
33404 1:00-2:05 pm  MWF  IH 114  Rothchild  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)
32508 Sec 1  9:15-10:20 am  MWF  Hum 211  Coon  Max 25
32509 Sec 2 11:45-12:50 pm  MWF  Hum 211  Wojtaszek  Max 25
32763 Sec 3  1:00-2:05 am  MWF  Hum 211  Coon  Max 25
32888 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)
32871  10:30-11:35 am  MWF  Hum 111  Roberts  Max 25

Span 1054. Associated Languages: Introduction to Nahuatl Language. (IP; 4 cr; due to the fact that many Nahuatl texts are bilingual, it is recommended that students have completed at least two years for college-level Spanish)(Meets w/NAIS 1054)
33243  12:50-2:30 pm  TTh  IH 115  Coon  Max 25

Span 1801. Hispanic Culture Through Cinema. (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)
33241  9:15-10:20 am  MWF  HFA 2  Aronson  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)
32510 Sec 1  11:45-12:50 pm  MWF  Hum 211  Wojtaszek  Max 20
32511 Sec 2  2:15-3:20 pm  MWF  Hum 205  Wojtaszek  Max 20

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, concurrent enrollment in 3111 or instr consent)
32810 Sec 1  10:30-11:35 am  MWF (1st half)  IH 217  Aronson  Max 15
32811 Sec 2  1:00-2:05 pm  MWF (1st half)  IH 202  Aronson  Max 15

Span 3111. Readings in Spanish I. (Hum; 2 cr; concurrent enrollment in 3011 or instr consent)
32812 Sec 1  10:30-11:35 am  MWF (2nd half)  IH 217  Aronson  Max 15
32813 Sec 2  1:00-2:05 pm  MWF (2nd half)  IH 217  Aronson  Max 15

Span 3211. Literature and Culture of Latin America. (Hum; 4 cr; prereq 3012, 3112 or instr consent)
32870  11:45-12:50 pm  MWF  Hum 205  Coon  Max 15

Span 3688. Seminar: Literature and Gender in Nineteenth-Century Spain. (Hum; 4 cr; prereq 3012, 3112 or instr consent)
34444  10:30-11:35 am  MWF  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)
- 32633 Sec 1: 10:30-11:35 am MWF (1st half) PEC 250 Seelye Max 25
- 32634 Sec 2: 10:30-11:35 am MWF (2nd half) PEC 250 Torvi Max 25

**SSA 1101. First Aid.** (1 cr)
- 32635 12:50-2:30 pm TTh (1st half) PEC 250 Seelye Max 25

**SSA 1219. Strength Training.** (1 cr [max 2 cr]; S-N only)
- 32735 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)
- 32901 6:00-8:00 pm Thu PEC 240/250 Velde Max 18

**SSA 1403. Varsity Cross Country** (0.5 cr [max 2 cr]; S-N only)
- 32388 Sec 1 Women 4:00-6:00 pm (1st half) Krueger
- 32736 Sec 2 Men 4:00-6:00 pm (1st half) Krueger

**SSA 1404. Varsity Football** (Men; 0.5 cr [max 2 cr]; S-N only)
- 32389 4:00-6:00 pm (1st half) Hoffmann

**SSA 1405. Varsity Golf** (0.5 cr [max 2 cr]; S-N only)
- 32621 Sec 1 Men 4:00-6:00 pm (1st half) Fohl
- 32636 Sec 2 Women 4:00-6:00 pm (1st half) Koehler

**SSA 1410. Varsity Volleyball** (Women; 0.5 cr [max 2 cr]; S-N only)
- 32390 4:00-6:00 pm (1st half) Torvi

**SSA 1411. Varsity Soccer** (0.5 cr [max 2 cr]; S-N only)
- 32600 Sec 1 Men 4:00-6:00 pm (1st half) Turnbull
- 32722 Sec 2 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)
- 32705 2:00-4:00 pm (2nd half) Molesworth

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

**SSA 2102. Human Anatomy.** (4 cr; prereq soph)(Same as Biol 2102)
- Lec 1 8:00-9:05 am TTh Sci 2950 Hardy
- 32707 Lab 2 9:15-11:15 am Thu Sci 2110 Hardy Max 5
- 32708 Lab 3 12:00-2:00 pm Thu Sci 2110 Hardy Max 5

**SSA 2111. Kinesiology.** (Sci; 2 cr; prereq 2102)
- 32637 10:30-11:35 am MWF (1st half) PEC 251 Bowman Max 45

**SSA 2112. Exercise Physiology.** (2 cr)
- 32639 1:00-2:05 pm MWF (2nd half) PEC 251 Hardy Max 45

**SSA 2202. Basketball Coaching.** (2 cr)
- 33075 9:15-10:20 am MWF (2nd half) PEC 251 Grove Max 35

**SSA 2203. Football Coaching.** (2 cr)
- 32638 10:00-11:40 am TTh (1st half) PEC 250 Hoffmann Max 35

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Meeting Time</th>
<th>Days</th>
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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>
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<tr>
<td>SSA 2302</td>
<td>Introduction to Sport Management</td>
<td>4 cr</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>HFA 23</td>
<td>Bryant</td>
<td>Max 35</td>
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<tr>
<td>SSA 2403</td>
<td>Sport, Gender, and Sexuality</td>
<td>2 cr</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 4655</td>
<td>Bryant</td>
<td>Max 25</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1st half</td>
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<tr>
<td>SSA 2993</td>
<td>Directed Study</td>
<td>1-5 cr</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>HFA 23</td>
<td>Bryant</td>
<td>Max 35</td>
</tr>
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<tr>
<td>SSA 4102</td>
<td>Organization and Administration of Athletics and Recreation</td>
<td>4 cr</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>PEC 251</td>
<td>T. Grove</td>
<td>Max 25</td>
</tr>
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<tr>
<td>SSA 4993</td>
<td>Directed Study</td>
<td>1-5 cr</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>PEC 251</td>
<td>T. Grove</td>
<td>Max 25</td>
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### STATISTICS

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec 1</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 3550</td>
<td>Sungur</td>
<td>Max 40</td>
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<tr>
<td>Sec 2</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Sci 3550</td>
<td>Anderson</td>
<td>Max 40</td>
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<tr>
<td>Sec 3</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Sci 3550</td>
<td>Anderson</td>
<td>Max 40</td>
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<tr>
<td>Sec 4</td>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>Sci 3610</td>
<td>Dolan</td>
<td>Max 40</td>
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**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; prereq Math 1101 or instr consent)(Same as Math 2501)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec 1</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Sci 3610</td>
<td>Sungur</td>
<td>Max 15</td>
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</table>

**Stat 2601. Statistical Methods.** (M/SR; 4 cr; prereq Math 1101 or Math 1021)

<table>
<thead>
<tr>
<th>Section</th>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec 2</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 3550</td>
<td>Sungur</td>
<td>Max 25</td>
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**Stat 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Stat 3601. Data Analysis.** (M/SR; 4 cr; prereq 1601 or 2601 or 2611 or instr consent)

<table>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec 1</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 3550</td>
<td>Anderson</td>
<td>Max 20</td>
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</table>

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

Arranged

**Stat 4901. Senior Seminar.** (2 cr; prereq sr; S-N only)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec 1</td>
<td>4:00-6:00 pm</td>
<td>Tue</td>
<td>Sci 3610</td>
<td>Anderson</td>
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</table>

**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)
- 32514 Sec 1: Arranged by Granholm
- 32963 Sec 2: Arranged by Granholm

**Th 1070. Performance Experience.** (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
- 32515 Sec 1: Arranged by Granholm
- 32964 Sec 2: Arranged by Granholm

**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])
- 32516 11:45-12:50 pm MWF HFA 120 Schultz Max 60

**Th 1301. Fundamentals of Design.** (ArtP; 4 cr)
- 32517 9:15-10:20 am MWF HFA 26 Granholm Max 12

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

**Th 2112. Drama in the Classroom.** (ArtP; 2 cr)
- 34761 12:50-2:30 pm Thu (2nd half) HFA 125 Bremer Max 16

**Th 2212. Interpretation for Performance.** (ArtP; 2 cr; no credit for students who received credit for Th 2211)
- 34760 12:50-2:30 pm Tue (2nd half) HFA 120 Bremer Max 16

**Th 2223. The Sounds of Musicals: The History and Literature of Musical Theatre.** (FA; 4 cr)
- 33911 12:50-2:30 pm TTh IH 109 Schultz Max 20

**Th 2101. Fundamentals of Directing.** (ArtP; 4 cr; prereq 1111, theatre arts major or minor or instr consent)
- 32839 9:50-11:30 am TTh HFA 125 Bremer Max 16

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

**Th 3101. World Theatre: History and Literature I.** (FA; 4 cr)
- 32518 2:15-3:20 am MWF HFA 6 Schultz Max 20

**Th 3303. Computer-Assisted Drawing.** (ArtP; 4 cr)
- 33245 1:00-2:05 pm MWF HFA 26 Granholm Max 12

**Th 3305. Stage Make-Up.** (ArtP; 4 cr)
- 33244 10:30-1:30 pm Wed HFA 25 Bremer Max 15

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

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

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

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Fall Semester 2018