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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

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*Fall Semester 2018*
# American Sign Language

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

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<th>Course Code</th>
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<th>Location</th>
<th>Instructor</th>
<th>Max Students</th>
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<tr>
<td>32704</td>
<td>6:15-7:55 pm</td>
<td>TTh</td>
<td>IH 101</td>
<td>Poore</td>
<td>Max 30</td>
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ANTHROPOLOGY

Anth 1103. People of the Past: Introduction to Archaeology. (SS; 4 cr)
34405 11:45-12:50 pm MWF IH 112 Akina Max 40

Anth 1111. Introductory Cultural Anthropology. (SS; 4 cr)
33277 1:00-2:05 pm MWF IH 109 Ortiz Max 70

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

Anth 1865. Vikings, Aliens, and Ancient Idols: Evaluating Evidence in Archaeology. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
34429 Sec 1 9:15-10:05 am MW IH 217 Dean Max 13
34430 Sec 2 11:45-12:30 pm MW IH 217 Dean Max 13

Anth 2002. Learning from the Dead: Introduction to Methods in Archaeology and Biological Anthropology. (SS; 2 cr; prereq any 1xxx Anth course)
32947 10:30-11:20 am WF IH 202 Beaver Max 16

Anth 2151. Professional Skills in Anthropology. (SS; 2 cr; prereq any 1xxx Anth course or instr consent)
33281 12:50-2:30 pm TTh (2nd half) IH 217 Dean Max 18

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

Anth 3204. Culture, Food, and Agriculture. (Envt; 4 cr; prereq 1111 or Soc 1101 or instr consent)
34356 9:50-11:30 am TTh IH 101 Ortiz Max 30

Anth 3704. Anthropological Genetics. (4 cr; prereq 1201 or Biol 1111; A-F only)
33280 2:40-4:20 pm TTh IH 114 Beaver Max 30

Anth 3761. Human Fossil Record. (Sci; 2 cr; prereq 1201)
33645 12:50-2:30 pm TTh (1st half) IH 3 Dean Max 16

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

Anth 4411. Research in Cultural Anthropology. (E/CR; 4 cr; prereq 1111, 2001)
33278 8:00-9:40 am TTh IH 202 Ortiz Max 18

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

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### 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 1111. Ancient to Medieval Art.** (FA; 4 cr)  
35277 8:00-9:05 am  MWF  HFA 6  Tierney  Max 25

**ArtH 1121. Renaissance to Modern Art.** (FA; 4 cr)  
32928 12:50-2:30 pm  TTh  HFA 6  Basu  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 2108. Monasteries and Cathedrals: The Romanesque and Gothic Art of Europe.** (FA; 4 cr; prereq any 1xxx ArtH course or soph status or instr consent)  
35319 2:15-3:20 pm  MWF  HFA 2  Tierney  Max 15

**ArtH 3123. A Visionary Aesthetic: Shamanism and the Art of the Ancient Americas.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)  
35318 10:30-11:35 am  MW  IH 203  Tierney  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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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)
- 32996 1:00-2:50 pm TTh HFA 135 Nordin Max 14

**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)
- 33092 4:30-6:00 pm MW HFA 14 Stansbury Max 6

**ArtS 1050. Beginning Ceramics.** (ArtP; 3 cr [max 6 cr]; materials fee required)
- 32443 Sec 1 9:00-11:30 am TTh HFA 145 Stansbury Max 12
- 32444 Sec 2 1:00-3:30 pm TTh HFA 145 Stansbury Max 12

**ArtS 1101. Basic Studio Drawing I.** (ArtP; 2 cr; coreq 1103, 1105; one 1xxx ArtH course recommended during the same year; materials fee required)
- 32445 Sec 1 9:15-11:15 am MW HFA 15 Otten Max 16
- 32739 Sec 2 9:00-11:30 am TTh HFA 130 Larson Max 16

**ArtS 1103. Basic Studio 2-D Design.** (ArtP; 2 cr; coreq 1101, 1105; one 1xxx ArtH course recommended during the same year; materials fee required)
- 32446 Sec 1 9:15-11:15 am MW HFA 15 Otten Max 16
- 32740 Sec 2 1:15-3:15 pm TTh HFA 130 Larson Max 16

**ArtS 1105. Basic Studio Discussion I.** (ArtP; 1 cr; coreq 1101, 1103; one 1xxx ArtH course recommended during the same year)
- 32447 11:30-1:00 pm Wed HFA 2 Larson Max 32

**ArtS 2101. Drawing from Life I.** (ArtP; 3 cr; prereq major or minor or instr consent; materials fee required)
- 32448 9:00-11:30 am Mon HFA 130 Ramey Max 18

**ArtS 3014. Media Studies: Fabric as From.** (ArtP; 3 cr; prereq major or minor or instr consent)
- 33211 9:00-11:30 am Mon HFA 130 Larson Max 14

**ArtS 3200. Printmaking Studio I.** (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for nonmajor jrs and srs; materials fee required)
- 32449 1:00-4:00 pm TTh HFA 15 Otten Max 14

**ArtS 3300. Painting Studio I.** (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for nonmajor jrs and srs; materials fee required)
- 32450 9:00-11:30 am TTh HFA 135 Nordin Max 14

**ArtS 3400. Sculpture Studio I.** (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for nonmajor jrs and srs; materials fee required)
- 32451 1:00-4:00 pm MW HFA 145 Ramey Max 12

**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)
- 33093 4:30-6:00 pm MW HFA 14 Stansbury Max 6

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

**ArtS 4902. Senior Thesis Project I.** (2 cr; prereq sr ArtS major, completion of Second Year Portfolio Review; A-F only; materials fee required)
- 32753 11:30-1:00 pm Mon HFA 2 Ramey Max 12

*Fall Semester 2018*
ArtS 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged
**Biology**

**Biol 1111. Fundamentals of Genetics, Evolution, and Development.** (Sci; 3 cr; prereq biol major/minor or chem major or any health sciences preprofessional program or ELED or SeEd major with middle school science specialties or instr consent)

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<td>Sci 1020 Chaudhury</td>
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<tr>
<td>32775 Sec 2</td>
<td>9:50-11:05 am  TTh</td>
<td>Sci 2190 Waye</td>
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<td>32824 Sec 3</td>
<td>11:45-12:35 pm MWF</td>
<td>Sci 1020 Geszvain</td>
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**Biol 1803. Scientific and Cultural Perspectives of Vaccines and Epidemics.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)

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<tr>
<td>32959</td>
<td>9:15-10:05 am  MW</td>
<td>Sci 3665 Johnson</td>
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**Biol 2102. Human Anatomy.** (4 cr; prereq soph; no elective cr for biol majors or minors; credit will not be granted if credit has been received for: SSA 2102)(Same as SSA 2102)

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<td>32826 Sec 3</td>
<td>11:45-12:35 pm MWF</td>
<td>Sci 1020 Geszvain</td>
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**Biol 2111. Cell Biology.** (Sci-L; 4 cr; prereq C- or better in 1101 or 1111, Chem 1102 or instr consent)

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<td>32394 Lab 1</td>
<td>8:00-9:05 am MWF</td>
<td>Sci 2190 Hardy</td>
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<td>32395 Lab 2</td>
<td>9:15-11:15 am  Thu</td>
<td>Sci 2110 Hardy</td>
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<td>32396 Lab 3</td>
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<td>Sci 2110 Hardy</td>
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**Biol 3121. Molecular Biology.** (Sci-L; 5 cr; prereq C- or better in 2111, Chem 2301 or instr consent)

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<td>32830 Lab 1</td>
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<td>32832 Lab 3</td>
<td>10:00-12:00 am Mon</td>
<td>Sci 2170 Denton</td>
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**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)

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<td>32975 Sec 1</td>
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<td>Sci 4655 Waye</td>
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**Biol 3700. Biological Communication I.** (1 cr; prereq Biol 2101, 2111)

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**Biol 3701. Biological Communication II.** (1 cr; prereq 3700, instr consent)

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### Biol 4131. Vertebrate Natural History. (4 cr; prereq Biol 2101 or EnSt 2101 or instr consent)

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<td>33335 Lab 2</td>
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<td>Mon</td>
<td>Sci 3180</td>
<td>Waye</td>
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<tr>
<td>33336 Lab 3</td>
<td>2:00-5:00 pm</td>
<td>Tue</td>
<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)

| 32661 | 9:15-10:20 am | MWF | Sci 1020 | Gesvain | Max 45 |

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

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<th>Lec 1</th>
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<th>Johnson</th>
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<tr>
<td>33341 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)

| 32798 Lab 1 | 8:30-11:30 am | Tue | Sci 2150 | Gesvain | Max 12 |
| 33004 Lab 2 | 2:00-5:00 pm | Tue | Sci 2150 | Gesvain | Max 12 |

### Biol 4901. Senior Seminar. (1 cr; prereq 3701, sr or instr consent; required of all sr biology majors; full year course begins fall sem)

| 32401 Sec 1 | 1:00-2:05 pm | Tue | Sci 1020 | Kuchenreuther | Max 25 |
| 32622 Sec 2 | 4:00-5:05 pm | Thu | Sci 1020 | Kuchenreuther | Max 25 |
| 32944 Sec 3 | 5:00-6:05 pm | Tue | Sci 1020 | Kuchenreuther | Max 25 |

### 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)

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<th>Instructor</th>
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<tr>
<td>Lec 1</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 2950</td>
<td>Pappenfus</td>
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<tr>
<td>32741 Lab 2</td>
<td>11:45-2:45 pm</td>
<td>Mon</td>
<td>Sci 3175</td>
<td>Pappenfus</td>
<td>Max 10</td>
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<tr>
<td>32742 Lab 3</td>
<td>3:30-6:30 pm</td>
<td>Mon</td>
<td>Sci 3175</td>
<td>K. Boyd</td>
<td>Max 10</td>
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<tr>
<td>32743 Lab 4</td>
<td>8:30-11:30 am</td>
<td>Tue</td>
<td>Sci 3175</td>
<td>Staff</td>
<td>Max 10</td>
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<tr>
<td>32744 Lab 5</td>
<td>1:00-4:00 pm</td>
<td>Tue</td>
<td>Sci 3175</td>
<td>Alia</td>
<td>Max 10</td>
</tr>
<tr>
<td>32745 Lab 6</td>
<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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<tr>
<td>32746 Lab 7</td>
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<td>Sci 3175</td>
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<td>32754 Lab 8</td>
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<td>Thu</td>
<td>Sci 3175</td>
<td>Alia</td>
<td>Max 10</td>
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<tr>
<td>32820 Lab 9</td>
<td>1:00-4:00 pm</td>
<td>Thu</td>
<td>Sci 3175</td>
<td>Alia</td>
<td>Max 10</td>
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Lec 21 | 9:15-10:20 am | MWF  | Sci 2950 | K. Boyd   |     |
| 32890 Lab 22 | 11:45-2:45 pm | Mon  | Sci 3175 | Pappenfus | Max 10 |
| 32891 Lab 23 | 3:30-6:30 pm | Mon  | Sci 3175 | K. Boyd    | Max 10 |
| 32892 Lab 24 | 8:30-11:30 am | Tue  | Sci 3175 | Staff      | Max 10 |
| 32893 Lab 25 | 1:00-4:00 pm | Tue  | Sci 3175 | Alia       | Max 10 |
| 32894 Lab 26 | 11:45-2:45 pm | Wed  | Sci 3175 | K. Boyd    | Max 10 |
| 32895 Lab 27 | 3:30-6:30 pm | Wed  | Sci 3175 | Staff      | Max 10 |
| 32896 Lab 28 | 8:30-11:30 am | Thu  | Sci 3175 | Alia       | Max 10 |
| 32897 Lab 29 | 1:00-4:00 pm | Thu  | Sci 3175 | Alia       | Max 10 |

Chem 1802. 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>
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<tr>
<td>34354</td>
<td>2:15-3:05 pm</td>
<td>MW</td>
<td>Sci 3665</td>
<td>K. Nell</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)

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<td>32404 Sec 1</td>
<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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<td>32841 Sec 2</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Sci 1020</td>
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Chem 2311. Organic Chemistry Lab I. (1 cr; coreq 2301 or instr consent)

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<td>32701 Lab 1</td>
<td>8:30-11:30 am</td>
<td>Tue</td>
<td>Sci 3135</td>
<td>B. Nell</td>
<td>Max 16</td>
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<td>32658 Lab 2</td>
<td>1:00-4:00 pm</td>
<td>Tue</td>
<td>Sci 3135</td>
<td>K. Boyd</td>
<td>Max 16</td>
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<td>32659 Lab 3</td>
<td>2:15-5:15 pm</td>
<td>Wed</td>
<td>Sci 3135</td>
<td>B. Nell</td>
<td>Max 16</td>
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<td>32660 Lab 4</td>
<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>
<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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<td>Lec 1</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 2200</td>
<td>K. Nell</td>
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<td>32406 Lab 2</td>
<td>1:00-4:00 pm</td>
<td>Tue</td>
<td>Sci 3040</td>
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<td>32407 Lab 3</td>
<td>8:30-11:30 am</td>
<td>Thu</td>
<td>Sci 3040</td>
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Fall Semester 2018
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<tr>
<td>Chem 3501</td>
<td>Physical Chemistry I.</td>
<td>(Sci; 4 cr; prereq 1102, Phys 1101, Math 1102 or instr consent)</td>
<td>32408</td>
<td>1:00-2:05 pm</td>
<td>Sci 3610</td>
<td>Alia</td>
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<td><strong>Chem 3993. Directed Study.</strong></td>
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<td><strong>Chem 3994. Directed Research.</strong></td>
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<td>Chem 4352</td>
<td>Synthesis.</td>
<td>(4 cr; prereq 2302 or 2304)</td>
<td>33343</td>
<td>10:30-11:35 am</td>
<td>Sci 3655</td>
<td>Carpenter</td>
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<td><strong>Chem 4901. Chemistry Seminar II.</strong></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>32409</td>
<td>4:30-5:30 pm</td>
<td>Sci 2190</td>
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### CHINESE

**Chn 1001. Beginning Chinese I. (4 cr)**  
33710  
10:30-11:35 am  
MWF  
Hum 205  
Fan  
Max 25

**Chn 1002. Beginning Chinese II. (FL; prereq 1001 or placement or instr consent)**  
35146  
9:15-10:20 am  
MWF  
Hum 205  
Fan  
Max 25

**Chn 2002. Intermediate Chinese II. (IP; 4 cr; prereq 2001 or placement or instr consent)**  
35122  
1:00-2:05 pm  
MWF  
Hum 205  
Fan  
Max 25

**Chn 2001. Intermediate Chinese I. (IP; 4 cr; prereq 1002 or placement or instr consent)**  
33711  
1:00-2:05 pm  
MWF  
Hum 205  
Fan  
Max 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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*Fall Semester 2018*
COMPUTER SCIENCE

CSci 1201. Introduction to Digital Media Computation. (M/SR; 4 cr)
33347 9:15-10:20 am MWF Sci 2190 Lamberty Max 25

CSci 1251. Computational Data Management and Manipulation. (M/SR; 4 cr; no elective cr for CSci majors or minors)
32899 2:15-3:20 pm MWF Sci 1030 McPhee Max 30

CSci 1301. Problem Solving and Algorithm Development. (M/SR; 4 cr)
32411 10:30-11:35 am MWF Sci 2200 Machkasova Max 35

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

CSci 2101. Data Structures. (M/SR; 5 cr; prereq 1201 or 1301 or instr consent)
Lec 1 11:45-12:50 pm MWF Sci 2185 Lamberty Max 24
32665 Lab 2 12:50-2:30 pm Tue Sci 2610 Lamberty Max 24

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

CSci 3403. Computing Systems: Practicum. (2 cr; prereq 1302 or both Math 2202 and Math 3411, 2101 or instr consent)
32913 9:50-11:30 am TTh Sci 2610 McPhee Max 24

CSci 3501. Algorithms and Computability. (5 cr; prereq CSci 1302 or both Math 2202 and Math 3411, 2101 or instr consent)
Lec 1 1:00-2:05 pm MWF Sci 2185 Dolan Max 24
32666 Lab 2 12:50-2:30 pm Thu Sci 2610 Dolan Max 24

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)
33349 2:15-3:20 pm MWF Sci 2185 Machkasova Max 20

CSci 4659. Processes, Programming, and Languages: Measuring and Managing Software Quality. (4 cr; prereq 3601)
34355 2:40-4:20 pm TTh Sci 2185 McPhee Max 20

CSci 4901. Senior Seminar. (2 cr; prereq IS 1091, jr or sr, instr consent; S-N only)
32647 4:30-5:20 pm Thu Sci 2185 Machkasova Max 14

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

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### DANCE

**Dnce 1321. Introduction to Modern Dance and Ballet.** (ArtP; 1 cr [max 2 cr]; S-N only)  
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

ElEd 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
- Dis 2 8:00-9:05 am  MWF  MRC 205  Lam  Max 15

ElEd 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  Maanum  Max 30

ElEd 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

ElEd 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

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

ElEd 4102. Social Studies in the Elementary School. (2 cr; prereq 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

ElEd 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

ElEd 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

ElEd 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

ElEd 4111. Practicum III: Beginning Student Teaching. (2 cr; prereq 3201, 3202, (3211 or 3212); S-N only)
- 32604 Arranged  Rohloff  Max 40

ElEd 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  Harell  Max 40

ElEd 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

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

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EDUCATION, SECONDARY

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

**SeEd 4102. Teaching and Learning Strategies.** (2 cr; prereq admission to the secondary teacher education program; coreq 4103, 4104, 4105, methods; A-F only)
- Sec 1: 12:20-2:00 pm Mon Edu 102 Jepma Max 7
- 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 Maanum 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 Maanum 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 4:45-7:45 pm Mon Edu 102 Knick Max 10

**EngE 4121. Methods of Teaching Communication Arts & Literature in the Middle and Secondary School.** (4 cr; A-F only)
- 32769 5:00-7:00 pm Thu Edu 102 Damm Max 10

**LanE 4123. Methods of Teaching Foreign Language K-12.** (4 cr; A-F only)
- 32625 4:45-7:30 pm Tue Edu 102 Johnson Max 10

**MthE 4121. Methods of Teaching Mathematics in the Middle and Secondary School.** (4 cr; A-F only)
- 32626 4:00-7:00 pm Mon Edu 211 Meyer Max 10

**MusE 4123. Methods of Teaching Music K-12.** (4 cr; A-F only)
- 32627 4:00-6:00 pm Tue HFA 185 Kleinwolterink Max 10

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<td>Methods of Teaching Science in the Middle and Secondary School</td>
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<tr>
<td>SScE 4121</td>
<td>Methods of Teaching Social Science in the Middle and Secondary School</td>
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ENGLISH

Engl 1001. Fundamentals of Writing. (4 cr; does not fulfill the Writing for the Liberal Arts (WLA) requirement)
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.)
32859 Sec 1  8:00-9:05 am MWF Hum 111 Johnson Max 18
32860 Sec 2  9:15-10:20 am MWF HFA 18 Wenzel Max 18
32861 Sec 3 10:30-11:35 am MWF HFA 18 Wenzel Max 18
32863 Sec 4  1:00-2:05 pm MWF Hum 5 Staff Max 18
32864 Sec 5  8:00-9:40 am TTh Hum 211 Kildegaard Max 18
32865 Sec 6 11:45-12:50 pm TTh Hum 11 Staff Max 18
32866 Sec 7 12:50-2:30 pm TTh Hum 11 McClure Max 18
33378 Sec 8  2:40-4:20 pm TTh Hum 11 Staff Max 18
34385 Sec 9  4:30-6:10 pm TTh HFA 18 McClure Max 18
35409 Sec 11 11:45-12:50 pm MWF Hum 5 Staff Max 18
32862 *Sec 20 11:45-12:50 pm MWF HFA 18 Pederson Max 18

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 Gerck 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
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Max Capacity</th>
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<tr>
<td>Engl 2411.</td>
<td>Representations of American Indians in Popular and Academic Culture.</td>
<td>HDiv; 4</td>
<td>Prereq 1601 (or 1011) or equiv or declared English major</td>
<td>2:40-4:20 pm</td>
<td>Hum 5</td>
<td>Gercken</td>
<td>Max 20</td>
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<tr>
<td>Engl 2501.</td>
<td>Literary Studies.</td>
<td>Hum; 4</td>
<td>Prereq 1601 (or 1011) or equiv; credit will not be granted if credit has been received for Engl 1131</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Hum 5</td>
<td>Max 20</td>
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<td>Engl 2993.</td>
<td>Directed Study.</td>
<td>1-5 cr</td>
<td>Prereq approved directed study form</td>
<td>Arranged</td>
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<td>Engl 3005.</td>
<td>Understanding Writing: Theories and Practices.</td>
<td>Hum; 4</td>
<td>Prereq 1601 (or 1011) or equiv, soph standing, coreq IS 3720 for students working in the Writing Room</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>IH 202</td>
<td>Johnson</td>
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<tr>
<td>Engl 3015.</td>
<td>Writing Poetry for the 21st Century.</td>
<td>Art/P; 4</td>
<td>Prereq 2121 or instr consent</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>IH 202</td>
<td>Hume</td>
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<tr>
<td>Engl 3021.</td>
<td>Grammar and Language.</td>
<td>Hum; 4</td>
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<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>IH 101</td>
<td>D. Ericksen</td>
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<td>Engl 3155.</td>
<td>20th Century British Fiction.</td>
<td>4 cr</td>
<td>Prereq 2501 (or 1131), two from 2201, 2202, 2211, 2212</td>
<td>8:00-9:40 am</td>
<td>TTh</td>
<td>Hum 11</td>
<td>Miller</td>
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<td>Engl 3993.</td>
<td>Directed Study.</td>
<td>1-5 cr</td>
<td>Prereq approved directed study form</td>
<td>Arranged</td>
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<tr>
<td>Engl 4038.</td>
<td>Research Seminar: Writing Early Ireland.</td>
<td>Hum; 4</td>
<td>Prereq two from 31xx-35xx, instr consent</td>
<td>3:30-5:10 pm</td>
<td>MW</td>
<td>Hum 5</td>
<td>Eckerle</td>
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<td>Engl 4993.</td>
<td>Directed Study.</td>
<td>1-5 cr</td>
<td>Prereq approved directed study form</td>
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**ENVIRONMENTAL SCIENCE**

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

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Instructor Consent</th>
<th>Grade Option</th>
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<tr>
<td>32769</td>
<td>Arranged Boyd</td>
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<td>Max 15</td>
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</tbody>
</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  1:00-2:05 pm  MWF  
Hum 111  T. Berberi  Max 25  
32767 Sec 2  2:15-3:20 pm  MWF  
Hum 111  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  12:50-2:30 pm  TTh  
Sci 3610  Bevevino  Max 24

**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  1:00-2:05 pm  MWF  
Hum 11  Buchanan  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  9:15-10:20 am  MWF (1st half)  
Hum 12  Bevevino  Max 15

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

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

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

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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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<th>Course Code</th>
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<th>Days</th>
<th>Location</th>
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<tr>
<td>Geog 2001</td>
<td>Problems in Geography. (Envt: 4 cr)</td>
<td>4</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>IH 111</td>
<td>Beaver</td>
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</table>

**GEOGRAPHY**

Last Update on: 7/19/2018

Fall Semester 2018
## GEOLOGY

**Geol 1101. Physical Geology.** (Sci-L; 4 cr)
- **Lec 1** 9:15-10:20 am  MWF  Sci 3610  Crabtree
- 32416 Lab 2 1:00-4:00 pm  Mon  Sci 1650  Crabtree  Max 24
- 32417 Lab 3 2:00-5:00 pm  Tue  Sci 1650  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  Sci 1510  Crabtree
- 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  Sci 2185  Cotter
- 33352 Lab 2 2:00-5:00 pm  Fri  TBA  Cotter  Max 20

**Geol 2131. Geomorphology.** (Sci; 4 cr; prereq 1101)
- **Lec 1** Arranged  Cotter
- 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  Crabtree

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

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**GERMAN**

**Ger 1001. Beginning German I.** (4 cr)
- 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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<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max Enrollment</th>
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<tr>
<td>Hist 1111</td>
<td>Introduction to World History.</td>
<td>4</td>
<td>8:00-9:40 am</td>
<td>TTh</td>
<td>IH 109</td>
<td>James</td>
<td>40</td>
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<tr>
<td>Hist 1112</td>
<td>Introduction to African History to 1880.</td>
<td>4</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td>IH 113</td>
<td>James</td>
<td>25</td>
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<tr>
<td>Hist 1301</td>
<td>Introduction to U.S. History.</td>
<td>4</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>IH 109</td>
<td>Guyotte</td>
<td>40</td>
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<tr>
<td>Hist 1820</td>
<td>What Happened? The 2016 Election in Historical Context.</td>
<td>4</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Sci 2185</td>
<td>Gross</td>
<td>24</td>
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<tr>
<td>Hist 1821</td>
<td>Global Blackness.</td>
<td>2</td>
<td>1:40-2:30 pm</td>
<td>TTh</td>
<td>IH 113</td>
<td>James</td>
<td>13</td>
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<tr>
<td>Hist 1822</td>
<td>Age of Atlantic Revolutions.</td>
<td>2</td>
<td>11:45-12:35 am</td>
<td>MW</td>
<td>IH 203</td>
<td>Narvaez</td>
<td>13</td>
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<tr>
<td>2451</td>
<td>The American West.</td>
<td>4</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>IH 113</td>
<td>Guyotte</td>
<td>25</td>
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<tr>
<td>Hist 2452</td>
<td>Minnesota History.</td>
<td>4</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>IH 114</td>
<td>Gross</td>
<td>25</td>
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<tr>
<td>Hist 2608</td>
<td>History of Cuba: From Colony to Revolutionary State.</td>
<td>4</td>
<td>3:30-5:10 pm</td>
<td>MW</td>
<td>IH 113</td>
<td>Narvaez</td>
<td>25</td>
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<tr>
<td>Hist 3181</td>
<td>The Study of History.</td>
<td>4</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>IH 203</td>
<td>Bruce</td>
<td>18</td>
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<tr>
<td>Hist 3304</td>
<td>Race, Class, and Gender in American History.</td>
<td>4</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>IH 203</td>
<td>Whalen</td>
<td>15</td>
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<tr>
<td>Hist 3403</td>
<td>American Indian Education: History and Representation.</td>
<td>4</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>IH 111</td>
<td>Whalen</td>
<td>15</td>
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<td>Hist 3456</td>
<td>History of Religion in America.</td>
<td>4</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>IH 203</td>
<td>Gross</td>
<td>15</td>
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<td>Hist 3993</td>
<td>Directed Study.</td>
<td>1-5</td>
<td>Arranged</td>
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<tr>
<td>Hist 4501</td>
<td>Senior Research Seminar in History.</td>
<td>4</td>
<td>4:30-6:30 pm</td>
<td>Tue</td>
<td>IH 217</td>
<td>Guyotte</td>
<td>15</td>
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<td>Hist 4993</td>
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<td>1-5</td>
<td>Arranged</td>
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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)
- 34471 Sec 1: 1:00-1:50 pm MW, HFA 23, Wenzel Max 13
- 34472 Sec 2: 2:15-3:05 pm MW, HFA 23, Wenzel Max 13

**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)
- 35176: 12:50-2:30 pm TTh, IH 203, Peterson Max 18

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

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

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

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## INTERDISCIPLINARY STUDIES

### IS 1041. Health Sciences Terminology. (2 cr)
- 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

### 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: 11:00-12:00 pm Tue
- Sci 3665
- 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, A. Kildegaard
- Max 15

### 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
- Zenner

### 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

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**Fall Semester 2018**
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
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
### 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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**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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**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>32796</td>
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<td>HFA 18</td>
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<td>32797</td>
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<td>Hum 211</td>
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**Lang 1065. Grammar in Context.** (1 cr; prereq instr consent)

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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

*Last Update on: 7/19/2018*
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  Panda  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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MATHMATICS

Math 0901. Basic Algebra. (0 cr toward graduation, 4 cr toward financial aid)
32609 1:00-2:05 pm MWF Sci 3650 Rambow Max 50

Math 1012. PreCalculus I: Functions. (4 cr; prereq Math 0901 or placement; no credit for students who have received credit for Math 1014)
32759 Sec 1 8:00-9:05 am MWF Sci 3610 Rambow Max 40
32878 Sec 2 2:15-3:20 pm MWF Sci 3650 Rambow Max 40

Math 1013. PreCalculus II: Trigonometry. (M/SR; 2 cr; prereq Math 0901 or placement; no credit for students who have received credit for Math 1014)
32760 8:50-9:40 am TTh Sci 3650 Roberts Max 40

Math 1021. Survey of Calculus. (M/SR; 4 cr; prereq 1012 or placement; credit will not be granted for Math 1021 if a grade of C- or higher has previously been received for Math 1101)
32900 2:15-3:20 pm MWF Sci 2190 McQuarrie Max 30

Math 1101. Calculus I. (M/SR; 5 cr; prereq 1012, 1013 or placement)
32420 Sec 1 8:00-9:05 am MWF Sci 3510 Ismail Max 35
32421 Sec 2 8:00-9:40 am Tue
32422 Sec 3 10:30-11:35 am MWF Sci 3510 Atkinson Max 35
35327 Sec 3 9:50-11:30 am Tue

Math 1102. Calculus II. (M/SR; 5 cr; prereq 1101)
32423 3:30-4:35 pm MWF Sci 3510 McQuarrie Max 35

Math 1801. Geometry Collides with Culture: Patterns in Space. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
33440 Sec 1 8:50-9:40 am TTh Sci 3665 Logan Max 13
33441 Sec 2 12:50-1:40 pm TTh Sci 3665 Logan Max 13

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)
32427 9:15-10:20 am MWF Sci 4655 Logan Max 35

Math 2211. History of Mathematics. (4 cr; prereq 1101 or higher or instr consent)
33362 3:30-4:35 pm MWF Sci 2200 Roberts Max 30

Math 2401. Differential Equations. (M/SR; 4 cr; prereq 1102 or instr consent)
32428 8:00-9:05 am MWF Sci 3650 McQuarrie Max 40

Math 2501. Probability and Stochastic Processes. (M/SR; 4 cr; prereq 1101 or instr consent)(Same as Stat 2501)
32682 2:15-3:20 pm MWF Sci 3610 Sungur Max 15

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

Math 3111. Linear Algebra. (4 cr; prereq 1102)
32772 1:00-2:05 pm MWF Sci 2200 Atkinson Max 35

Fall Semester 2018
### Math 3221. Real Analysis I
- **Credit:** 4 cr; **Prerequisites:** 1102, 2202, or instr consent
- **Schedule:**
  - **Section:** 32649
  - **Time:** 11:45-12:50 pm
  - **Days:** MWF
  - **Location:** Sci 3610
  - **Instructor:** Roberts
  - **Capacity:** Max 30

### Math 3411. Discrete and Combinatorial Mathematics
- **Credit:** 4 cr; **Prerequisites:** 1102 or higher or instr consent
- **Schedule:**
  - **Section:** 32430
  - **Time:** 10:30-11:35 am
  - **Days:** MWF
  - **Location:** Sci 4655
  - **Instructor:** Ng
  - **Capacity:** Max 30

### Math 3993. Directed Study
- **Credit:** 1-5 cr [max 10 cr]; **Prerequisites:** approved directed study form
- **Schedule:**
  - **Instructor:** Arranged

### Math 4221. Topology
- **Credit:** 2 cr; **Prerequisites:** 2202 or instr consent
- **Schedule:**
  - **Section:** 33365
  - **Time:** 3:00-3:50 pm
  - **Days:** TTh
  - **Location:** Sci 3665
  - **Instructor:** Atkinson
  - **Capacity:** Max 20

### Math 4901. Senior Seminar
- **Credit:** 2 cr; **Prerequisites:** sr, math major; **Notes:** full year course begins fall sem; A-F only
- **Schedule:**
  - **Section:** 32914
  - **Instructor:** Arranged
  - **Capacity:** Ng

### Math 4993. Directed Study
- **Credit:** 1-5 cr [max 10 cr]; **Prerequisites:** approved directed study form
- **Schedule:**
  - **Instructor:** Arranged

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### MUSIC

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

**Mus 1044. Class Piano for the Non-Music Major.** (ArtP; 1 cr; special fee required)
- Sec 1: 32836
  - 1:00-1:50 pm Mon
  - HFA 175
  - Bae
  - Max 12
- Sec 2: 32837
  - 1:00-1:50 pm Wed
  - HFA 175
  - Bae
  - Max 12
- Sec 3: 33137
  - 9:50-10:40 am Tue
  - HFA 175
  - Bae
  - Max 12

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

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

**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

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

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

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

**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

**Mus 1153. Foundations of Musicianship I.** (1 cr; coreq 1151, 1155)
- Sec 1: 33045
  - 9:15-10:05 am Fri
  - HFA 175
  - Flinn
  - Max 12
- Sec 2: 33250
  - 10:30-11:20 am Fri
  - HFA 175
  - Flinn
  - Max 12

**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

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

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<td>Advanced Individual Performance Studies. (ArtP; 1 cr each [max 8 cr per instrument]; prereq instr consent; special fee required)</td>
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<td>Mus 3203.</td>
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<td>Mus 3331. Choral Conducting and Materials</td>
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<td>Mus 4901. Senior Project and Portfolio</td>
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**Fall Semester 2018**
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<td>Kmett</td>
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<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>
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<td>Introduction to Native American and Indigenous Studies. (HDiv; 4 cr)</td>
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<td>American Indian Song and Dance. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)</td>
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<tr>
<td>33382</td>
<td>2:15-3:20 pm MW</td>
<td>HFA 18</td>
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*Fall Semester 2018*
### PHILOSOPHY

#### Phil 1101. Introduction to Philosophy. (Hum; 4 cr)
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<td>Sci 1030</td>
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<td>33053 Sec 2</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)
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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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#### Phil 2112. Professional Ethics. (E/CR; 4 cr)
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#### Phil 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
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#### Phil 3121. Political Philosophy. (SS; 4 cr; prereq 1101 or 2101 or 2111 or instr consent)
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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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#### 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)
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#### Phil 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

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<td>Phys 1052. The Solar System.</td>
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<td>Lab 3</td>
<td>2:40-4:40 pm</td>
<td>Tue</td>
<td>Sci 4530</td>
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<td></td>
<td>Phys 1091. Principles of Physics I.</td>
<td>(Sci-L; 5 cr; prereq high school higher algebra)</td>
<td></td>
<td>Lec 1</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Sci 2190</td>
<td>Morgan</td>
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<td>32679</td>
<td>Lab 2</td>
<td>9:00-11:00 am</td>
<td>Thu</td>
<td>Sci 4550</td>
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<td>32680</td>
<td>Lab 3</td>
<td>1:00-3:00 pm</td>
<td>Thu</td>
<td>Sci 4550</td>
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<td>32915</td>
<td>Lab 4</td>
<td>3:30-5:30 pm</td>
<td>Thu</td>
<td>Sci 4550</td>
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<td>Phys 1102. General Physics II.</td>
<td>(Sci-L; 5 cr; prereq 1101, Math 1102 or instr consent)</td>
<td></td>
<td>Lec 1</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Sci 1030</td>
<td>Korth</td>
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<td>32631</td>
<td>Lab 2</td>
<td>3:30-5:30 pm</td>
<td>Mon</td>
<td>Sci 4550</td>
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<td>32632</td>
<td>Lab 3</td>
<td>9:00-11:00 am</td>
<td>Tue</td>
<td>Sci 4550</td>
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<td>Phys 1993. Directed Study.</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<td>Phys 2993. Directed Study.</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<td>Phys 3101. Classical Mechanics.</td>
<td>(Sci; 4 cr; prereq 2101, Math 2101 or instr consent)</td>
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<td>33375</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Sci 3655</td>
<td>Korth</td>
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<td>Phys 3401. Experimental Physics.</td>
<td>(Sci-L; 4 cr; prereq 2101)</td>
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<td>Lec 1</td>
<td>2:15-3:05 pm</td>
<td>MWF</td>
<td>Sci 3655</td>
<td>Morgan</td>
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<td>33373</td>
<td>Lab 2</td>
<td>1:00-4:00 pm</td>
<td>Tue</td>
<td>Sci 4610</td>
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<td>Phys 3993. Directed Study.</td>
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<td>Phys 4901. Senior Thesis I.</td>
<td>(1 cr; prereq sr)</td>
<td></td>
<td>4:30-5:20 pm</td>
<td>Thu</td>
<td>Sci 3665</td>
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<td>Phys 4993. Directed Study.</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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# POLITICAL SCIENCE

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

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

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

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

**Pol 2401. U.S. Foreign Policy.** (IP; 4 cr)
- CRN: 33306
- Time: 3:30-5:10 pm
- Days: MW
- Location: IH 217
- Instructor: 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)
- CRN: 33307
- Time: 9:15-10:20 am
- Days: MWF
- Location: IH 111
- Instructor: Lindberg
- Max: 20

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

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

**Pol 3303. Gender, Sexuality, and Political Theory.** (SS; 2 cr; prereq 1101 or instr consent)
- CRN: 33313
- Time: 1:00-2:05 pm
- Days: MWF (2nd half)
- Location: HFA 6
- Instructor: 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)
- CRN: 33310
- Time: 9:50-11:30 am
- Days: TTh
- Location: IH 217
- Instructor: Breen
- Max: 15

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

**Psy 1051. Introduction to Psychology.** (SS; 4 cr)
- 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 20

**Psy 2581. Drugs and Human Behavior.** (SS; 2 cr; prereq 1051 or instr consent)
- 33323: 10:30-11:35 am MWF (2nd half) MW 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 20

**Psy 3111. Sensation and Perception.** (4 cr; prereq 2001 or instr consent)
- 32533: 11:45-12:50 pm MWF IH 114 Johnson Max 20

**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

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

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

**Psy 3701. Organizational Behavior.** (SS; 4 cr; prereq Stat 1601 or Stat 2601, jr or sr) (Meets w/Mgmt 3701)  
32703  
10:30-11:35 am  
MWF  
IH 114  
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)  
32723  
4:30-6:10 pm  
TTh (2nd half)  
IH 114  
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)  
33329  
2:40-4:20 pm  
TTh  
IH 202  
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)  
33074  
8:00-9:40 am  
TTh  
IH 203  
Baldelomar  
Max 8

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

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## SOCIOMETRY

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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tr>
<td>Soc 1101</td>
<td>Introductory Sociology. (SS; 4 cr)</td>
<td>4</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>IH 109</td>
<td>Rothchild</td>
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<td>Soc 1993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<td>Soc 3103</td>
<td>Research Methodology in Sociology. (4 cr; prereq 1101)</td>
<td>4</td>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>Sci 2190</td>
<td>Gilanshah</td>
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<td>Soc 3121</td>
<td>Sociology of Gender and Sexuality. (HDiv; prereq 1101 or Anth 1111 or instr consent)</td>
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<td>Soc 3131</td>
<td>World Population. (Envt; 4 cr; prereq 1101 or instr consent)</td>
<td>4</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td>Sci 2190</td>
<td>Gilanshah</td>
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<td>Soc 3403</td>
<td>Sociological Theory. (4 cr; prereq 1101; 4 addtl cr in Soc recommended)</td>
<td>4</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>IH 114</td>
<td>Rothchild</td>
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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 Thond 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 Thond 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 Roberts Max 15
- 32811 Sec 2: 1:00-2:05 pm MWF (1st half) IH 202 Roberts 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)
- Section 1: 10:30-11:35 am MWF (1st half)
- Section 2: 10:30-11:35 am MWF (2nd half)
- Instructor: Seelye
- Max: 25

**SSA 1101. First Aid.** (1 cr)
- Section 1: 12:50-2:30 pm TTh (1st half)
- Instructor: Seelye-Roy
- Max: 25

**SSA 1219. Strength Training.** (1 cr [max 2 cr]; S-N only)
- Section 1: 9:15-10:20 am MWF (1st half)
- Instructor: 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)
- Section 1: 6:00-8:00 pm Thu
- Instructor: Velde
- Max: 18

**SSA 1403. Varsity Cross Country** (0.5 cr [max 2 cr]; S-N only)
- Section 1: Women
- Section 2: Men
- Instructor: Krueger

**SSA 1404. Varsity Football** (Men; 0.5 cr [max 2 cr]; S-N only)
- Instructor: Hoffmann

**SSA 1405. Varsity Golf** (0.5 cr [max 2 cr]; S-N only)
- Section 1: Men
- Section 2: Women
- Instructor: Koehler

**SSA 1410. Varsity Volleyball** (Women; 0.5 cr [max 2 cr]; S-N only)
- Instructor: Torvi

**SSA 1411. Varsity Soccer** (0.5 cr [max 2 cr]; S-N only)
- Section 1: Men
- Section 2: Women
- Instructor: Turnbull

**SSA 1412. Varsity Swimming and Diving.** (Women; 0.5 cr [max 2 cr]; S-N only)
- Instructor: 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
- Lab 2 9:15-11:15 am Thu
- Lab 3 12:00-2:00 pm Thu
- Instructor: Hardy
- Max: 5

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

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

**SSA 2202. Basketball Coaching.** (2 cr)
- Section 1: 9:15-10:20 am MWF (2nd half)
- Instructor: Grove
- Max: 35

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

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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 (1st half)</td>
<td>PEC 251</td>
<td>Torvi</td>
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<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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<td>SSA 2403</td>
<td>Sport, Gender, and Sexuality</td>
<td>2 cr</td>
<td>11:45-12:50 pm</td>
<td>MWF (1st half)</td>
<td>Sci 4655</td>
<td>Bryant</td>
<td>Max 25</td>
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<td>Directed Study</td>
<td>1-5 cr</td>
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<td>SSA 3172</td>
<td>Leadership In Sport Organizations</td>
<td>2 cr</td>
<td>11:45-12:50 pm</td>
<td>MWF (2nd half)</td>
<td>Hum 205</td>
<td>Bryant</td>
<td>Max 30</td>
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<td>SSA 3201</td>
<td>Coaching Practicum</td>
<td>1 cr</td>
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<td>Johnson</td>
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<td>Internship in Sport Studies and Athletics</td>
<td>1-12 cr</td>
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<td>1-5 cr</td>
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<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>
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<td>1-5 cr</td>
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STATISTICS

Stat 1601. Introduction to Statistics. (M/SR; 4 cr; prereq high school higher algebra)
32424 Sec 1  8:00-9:05 am  MWF  Sci 3550  Sungur  Max 40
32425 Sec 2  10:30-11:35 am MWF  Sci 3550  Anderson  Max 40
32426 Sec 3  1:00-2:05 pm  MWF  Sci 3550  Anderson  Max 40
32774 Sec 4  2:40-4:20 pm  TTh  Sci 3610  Dolan  Max 40

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

Stat 2501. Probability and Stochastic Processes. (M/SR; 4 cr; prereq Math 1101 or instr consent)(Same as Math 2501)
32715  2:15-3:20 pm  MWF  Sci 3610  Sungur  Max 15

Stat 2601. Statistical Methods. (M/SR; 4 cr; prereq Math 1101 or Math 1021)
32429  11:45-12:50 pm  MWF  Sci 3550  Sungur  Max 25

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

Stat 3601. Data Analysis. (M/SR; 4 cr; prereq 1601 or 2601 or 2611 or instr consent)
32431  9:15-10:20 am  MWF  Sci 3550  Anderson  Max 20

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

Stat 4901. Senior Seminar. (2 cr; prereq sr; S-N only)
32655  4:00-6:00 pm  Tue  Sci 3610  Anderson

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)
- **Section:** 1
  - **Time:** 11:45-12:50 pm
  - **Days:** MWF
  - **Location:** HFA 120
  - **Instructor:** Schultz
  - **Max:** 60

### Th 1070. Performance Experience. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
- **Section:** 1
  - **Time:** 9:15-10:20 am
  - **Days:** MWF
  - **Location:** HFA 26
  - **Instructor:** Granholm
  - **Max:** 12

### 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])
- **Section:** 1
  - **Time:** 2:15-3:20 am
  - **Days:** MWF
  - **Location:** HFA 6
  - **Instructor:** Schultz
  - **Max:** 20

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

### Th 2112. Drama in the Classroom. (ArtP; 2 cr)
- **Section:** 1
  - **Time:** 9:50-11:30 am
  - **Days:** TTh
  - **Location:** HFA 125
  - **Instructor:** Bremer
  - **Max:** 16

### Th 2112. Interpretation for Performance. (ArtP; 2 cr; no credit for students who received credit for Th 2211)
- **Section:** 1
  - **Time:** 12:50-2:30 pm
  - **Days:** TTh
  - **Location:** HFA 125
  - **Instructor:** Bremer
  - **Max:** 16

### Th 2223. The Sounds of Musicals: The History and Literature of Musical Theatre. (FA; 4 cr)
- **Section:** 1
  - **Time:** 1:00-2:05 pm
  - **Days:** MWF
  - **Location:** HFA 26
  - **Instructor:** Granholm
  - **Max:** 12

### Th 3101. World Theatre: History and Literature I. (FA; 4 cr)
- **Section:** 1
  - **Time:** 2:15-3:20 am
  - **Days:** MWF
  - **Location:** HFA 6
  - **Instructor:** Schultz
  - **Max:** 20

### Th 3303. Computer-Assisted Drawing. (ArtP; 4 cr)
- **Section:** 1
  - **Time:** 10:30-1:30 pm
  - **Days:** Wed
  - **Location:** HFA 25
  - **Instructor:** Bremer
  - **Max:** 15

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

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

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

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