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FALL 2018 Schedule of Classes

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Fall Semester 2018
## AMERICAN SIGN LANGUAGE

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

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<td>6:15-7:55 pm</td>
<td>TTh</td>
<td>IH 101</td>
<td>Poore</td>
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# ANTHROPOLOGY

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<td>Anth 1103</td>
<td>People of the Past: Introduction to Archaeology</td>
<td>SS; 4 cr</td>
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<td>11:45-12:50 pm</td>
<td>IH 112</td>
<td>Akina</td>
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<tr>
<td>Anth 1111</td>
<td>Introductory Cultural Anthropology</td>
<td>SS; 4 cr</td>
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<td>1:00-2:05 pm</td>
<td>IH 109</td>
<td>Ortiz</td>
<td>Max 70</td>
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<td>Anth 1993</td>
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<td>1-5 cr</td>
<td>[max 10 cr]; prereq approved directed study form</td>
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<td>Anth 1865</td>
<td>Vikings, Aliens, and Ancient Idols: Evaluating Evidence in</td>
<td>IC; 2 cr</td>
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<td>Anth 2002</td>
<td>Learning from the Dead: Introduction to Methods in</td>
<td>SS; 2 cr</td>
<td>prereq any 1xxx Anth course</td>
<td>10:30-11:20 am</td>
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<td>Beaver</td>
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<td>Anth 2151</td>
<td>Professional Skills in Anthropology</td>
<td>SS; 2 cr</td>
<td>prereq any 1xxx Anth course or instr consent</td>
<td>12:50-2:30 pm</td>
<td>IH 217</td>
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<td>Anth 3204</td>
<td>Culture, Food, and Agriculture</td>
<td>Envt; 4 cr</td>
<td>prereq 1111 or Soc 1101 or instr consent</td>
<td>9:50-11:30 am</td>
<td>IH 101</td>
<td>Ortiz</td>
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<td>Anth 3704</td>
<td>Anthropological Genetics</td>
<td>4 cr</td>
<td>prereq 1201 or Biol 1111; A-F only</td>
<td>2:40-4:20 pm</td>
<td>IH 114</td>
<td>Beaver</td>
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<td>Human Fossil Record</td>
<td>Sci; 2 cr</td>
<td>prereq 1201</td>
<td>12:50-2:30 pm</td>
<td>IH 3</td>
<td>Dean</td>
<td>Max 16</td>
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<td>Anth 4411</td>
<td>Research in Cultural Anthropology</td>
<td>E/CR; 4 cr</td>
<td>prereq 1111, 2001</td>
<td>8:00-9:40 am</td>
<td>IH 202</td>
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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 UMMC)
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 frist 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  MWF  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
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)
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 TTh HFA 130 Larson Max 16
32739 Sec 1 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 MW HFA 15 Otten Max 16

ArtS 1105. Basic Studio Discussion I. (ArtP; 1 cr; coreq 1101, 1103; one 1xxx ArtH course recommended during the same year)
32447 11:30-1:00 pm Wed HFA 2 Larson Max 16

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 16

ArtS 3014. Media Studies: Fabric as Form. (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 14

ArtS 3500. Photographic and Digital Processes I. (ArtP; 3 cr; [max 6 cr]; prereq major or minor or instr consent; materials fee required)
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)
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 19
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

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<td>33336 Lab 3 2:00-5:00 pm Tue Sci 3180 Waye Max 12</td>
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<td>Biol 4211</td>
<td>Biochemistry</td>
<td>4 cr</td>
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<td>1-2 cr</td>
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<td>Biol 4611</td>
<td>Biochemistry Lab</td>
<td>1 cr</td>
<td>(prereq or coreq 4211)</td>
<td>32798 Lab 1 8:30-11:30 am Tue Sci 2150 Staff Max 12</td>
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<td>33004 Lab 2 2:00-5:00 pm Tue Sci 2150 Staff Max 12</td>
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<td>Biol 4901</td>
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<td>1 cr</td>
<td>(prereq 3701, sr or instr consent; required of all sr Biology majors; full year course begins</td>
<td>32401 Sec 1 1:00-2:05 pm Tue Sci 1020 Kuchenreuther Max 25</td>
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<td>32622 Sec 2 4:00-5:05 pm Thu Sci 1020 Kuchenreuther Max 25</td>
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### CHEMISTRY

**Chem 1101. General Chemistry I.** (Sci-L; 5 cr; prereq Math 0901 or placement beyond Math 0901 using ACT/placement exam score)

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<td>Sci 2950</td>
<td>Pappenfus</td>
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<td>32741</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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<td>32742</td>
<td>3:30-6:30 pm</td>
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<td>Sci 3175</td>
<td>K. Boyd</td>
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<td>32743</td>
<td>8:30-11:30 am</td>
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<td>Sci 3175</td>
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<td>32744</td>
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<td>Sci 3175</td>
<td>Alia</td>
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<td>K. Boyd</td>
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<td>32746</td>
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<td>32754</td>
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<td>Sci 3175</td>
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**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)

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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>
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<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
<td>32404</td>
<td>9:15-10:20 am</td>
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<td>Sci 3650</td>
<td>Carpenter</td>
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<td>32841</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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<th>Instructor</th>
<th>Max</th>
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<tr>
<td>32701</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</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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<tr>
<td>32659</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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<tr>
<td>32660</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</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>
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<td>32406</td>
<td>1:00-4:00 pm</td>
<td>Tue</td>
<td>Sci 3040</td>
<td>K. Nell</td>
<td>Max 12</td>
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<tr>
<td>32407</td>
<td>8:30-11:30 am</td>
<td>Thu</td>
<td>Sci 3040</td>
<td>K. Nell</td>
<td>Max 12</td>
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Chem 3501. Physical Chemistry I. (Sci; 4 cr; prereq 1102, Phys 1101, Math 1102 or instr consent)  
32408  1:00-2:05 pm  MWF  Sci 3610  Alia  Max 25

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

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

Chem 4352. Synthesis. (4 cr; prereq 2302 or 2304)  
33343  10:30-11:35 am  MWF  Sci 3655  Carpenter  Max 12

Chem 4901. Chemistry Seminar II. (0.5 cr; prereq 3901; required of all chem majors; may not count toward chem minor; A-F only; full year course begins fall semester)  
32409  4:30-5:30 pm  TTh  Sci 2190  Carpenter  Max 40

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

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

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<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Section Code</th>
<th>Time</th>
<th>Days</th>
<th>Room</th>
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<tr>
<td>Chn 1001</td>
<td>Beginning Chinese I. (4 cr)</td>
<td>4</td>
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<td>33710</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Hum 205</td>
<td>Fan</td>
<td>Max 25</td>
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<td>Chn 1002</td>
<td>Beginning Chinese II. (FL; prereq 1001 or placement or instr consent)</td>
<td>4</td>
<td>(FL; prereq 1001 or placement or instr consent)</td>
<td>35146</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Hum 205</td>
<td>Fan</td>
<td>Max 25</td>
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<tr>
<td>Chn 2002</td>
<td>Intermediate Chinese II. (IP; 4 cr; prereq 2001 or placement or instr consent)</td>
<td>4</td>
<td>(IP; 4 cr; prereq 2001 or placement or instr consent)</td>
<td>35122</td>
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<td>Hum 205</td>
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<td>Chn 2001</td>
<td>Intermediate Chinese I. (IP; 4 cr; prereq 1002 or placement or instr consent)</td>
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<td>(IP; 4 cr; prereq 1002 or placement or instr consent)</td>
<td>33711</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Hum 205</td>
<td>Fan</td>
<td>Max 25</td>
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*Return to Table of Contents*
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<th>Course Title</th>
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<tr>
<td>CMR 1042</td>
<td>Public Speaking and Analysis</td>
<td>4 cr</td>
<td>12:50-2:30 pm TTh</td>
<td>HFA 18</td>
<td>Sotirova</td>
<td>Max 40</td>
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<tr>
<td>CMR 1062</td>
<td>Introduction to Interpersonal and Group Communication</td>
<td>4 cr</td>
<td>9:15-10:20 am MWF</td>
<td>HFA 23</td>
<td>Bezanson</td>
<td>Max 25</td>
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<td>CMR 1062 Sec 2</td>
<td></td>
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<td>10:30-11:35 am MWF</td>
<td>HFA 23</td>
<td>Bezanson</td>
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<td>CMR 1101</td>
<td>Introduction to Theories of Communication, Media, and Rhetoric</td>
<td>4 cr</td>
<td>9:50-11:30 am TTh</td>
<td>IH 109</td>
<td>Burke, Sotirova</td>
<td>Max 50</td>
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<tr>
<td>CMR 1388</td>
<td>College Newspaper Experience</td>
<td>1 cr</td>
<td>Arranged</td>
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<td>Burke</td>
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<td>CMR 1389</td>
<td>College Radio Experience</td>
<td>1 cr</td>
<td>Arranged</td>
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<tr>
<td>CMR 2053</td>
<td>Rhetoric of Supreme Court Opinions: Analysis and Creation</td>
<td>2 cr</td>
<td>3:30-4:35 pm MWF (2nd half)</td>
<td>HFA 6</td>
<td>Bezanson</td>
<td>Max 25</td>
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<td>CMR 2311</td>
<td>Media History and Society</td>
<td>4 cr</td>
<td>2:15-3:20 pm MWF</td>
<td>Sci 3650</td>
<td>Burke</td>
<td>Max 45</td>
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<td>CMR 3432</td>
<td>Communication Research Methods</td>
<td>4 cr</td>
<td>8:00-9:40 am TTh</td>
<td>HFA 23</td>
<td>Sotirova</td>
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<td>Arranged</td>
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<td>CMR 4800</td>
<td>Directed Experience in Teaching Communication, Media, and Rhetoric</td>
<td>1-4 cr</td>
<td>Arranged</td>
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<td>Bezanson</td>
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<td>CMR 4900</td>
<td>Communication, Media, and Rhetoric Seminar I</td>
<td>1 cr</td>
<td>11:45-12:50 pm Wed</td>
<td>HFA 23</td>
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<td>CMR 4993</td>
<td>Directed Study</td>
<td>1-5 cr</td>
<td>Arranged</td>
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## COMPUTER SCIENCE

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

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

### CSci 1301. Problem Solving and Algorithm Development. (M/SR; 4 cr)
- **Lectures**: 32411 10:30-11:35 am MWF
- **Laboratories**: Sci 2200 Machkasova
- **Maximum Capacity**: 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)
- **Lectures**: Lec 1 11:45-12:50 pm MWF
- **Laboratories**: Lab 2 12:50-2:30 pm Tue
- **Maximum Capacity**: 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)
- **Lectures**: 32913 9:50-11:30 am TTh
- **Laboratories**: Sci 2610 McPhee
- **Maximum Capacity**: Max 24

### CSci 3501. Algorithms and Computability. (5 cr; prereq CSci 1302 or both Math 2202 and Math 3411, 2101 or instr consent)
- **Lectures**: Lec 1 1:00-2:05 pm MWF
- **Laboratories**: Lab 2 12:50-2:30 pm Thu
- **Maximum Capacity**: 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)
- **Lectures**: 33349 2:15-3:20 pm MWF
- **Laboratories**: Sci 2185 Machkasova
- **Maximum Capacity**: Max 20

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

### CSci 4901. Senior Seminar. (2 cr; prereq IS 1091, jr or sr, instr consent; S-N only)
- **Lectures**: 32647 4:30-5:20 pm Thu
- **Laboratories**: Sci 2185 Machkasova
- **Maximum Capacity**: 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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**EDUCATION**

**Ed 1801. Critical Issues in K-12 Education.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)

<table>
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<td>35134</td>
<td>12:50-2:30 pm</td>
<td>Tue</td>
<td>Sci 1030</td>
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**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)

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**Ed 2121. Introduction to Education.** (SS; 4 cr; coreq 2111; A-F only)

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<td>32785</td>
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<td>Sci 2200</td>
<td>Harell</td>
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**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 EIEd 3101, 3102, 3103, 3111 or admission to the secondary education program; A-F only)

<table>
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<td>32787</td>
<td>2:40-4:20 pm</td>
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<td>Sci 2200</td>
<td>Harell</td>
<td>Max 30</td>
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<tr>
<td>32889</td>
<td>12:50-2:30 pm</td>
<td>Tue</td>
<td>MRC 205</td>
<td>Harell</td>
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**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
32667 Dis 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 Maanum 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 Rohloff 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 Harell 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 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 Arranged Knick Max 10

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

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

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

MusE 4123. Methods of Teaching Music K-12. (4 cr; A-F only)
32627 Arranged Kleinwolterink Max 10

Fall Semester 2018
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Grading</th>
<th>Instructor</th>
<th>Maximum Capacity</th>
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<tbody>
<tr>
<td>SciE 4121</td>
<td>Methods of Teaching Science in the Middle and Secondary School.</td>
<td>(4 cr; A-F only)</td>
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<td>Schoeneck</td>
<td>Max 10</td>
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<td>32626</td>
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<tr>
<td>SScE 4121</td>
<td>Methods of Teaching Social Science in the Middle and Secondary School.</td>
<td>(4 cr; A-F only)</td>
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<td>Hendershott</td>
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</table>

*Last Update on: 6/26/2018*

*Fall Semester 2018*
## 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 15
- **32860 Sec 2** 9:15-10:20 am  MWF  HFA 18  Wenzel  Max 15
- **32861 Sec 3** 10:30-11:35 am  MWF  HFA 18  Wenzel  Max 15
- **32863 Sec 4** 1:00-2:05 pm  MWF  Hum 5  Staff  Max 15
- **32864 Sec 5** 8:00-9:40 am  TTh  Hum 211  Kildegaard  Max 15
- **32865 Sec 6** 11:45-12:50 pm  TTh  Hum 11  Staff  Max 15
- **32866 Sec 7** 12:50-2:30 pm  TTh  Hum 11  McClure  Max 15
- **33738 Sec 8** 2:40-4:20 pm  TTh  HFA 18  McClure  Max 15
- **34386 Sec 10** 4:30-6:10 pm  TTh  HFA 18  McClure  Max 15
- **32862 *Sec 20** 11:45-12:50 pm  MWF  HFA 18  Pederson  Max 15

### 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

*Last Update on: 6/26/2018*
**Engl 2411. Representations of American Indians in Popular and Academic Culture.** (HDiv; 4 cr; prereq 1601 (or 1011) or equiv or declared English major)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
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<tbody>
<tr>
<td>33220</td>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>Hum 5</td>
<td>Gercken</td>
<td>Max 20</td>
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**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)

<table>
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<th>Course Code</th>
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<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
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<td>32673</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Hum 5</td>
<td>D. Ericksen</td>
<td>Max 20</td>
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**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)

<table>
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<th>Course Code</th>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
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<tr>
<td>32954</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>Hum 11</td>
<td>Turk</td>
<td>Max 16</td>
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**Engl 3015. Writing Poetry for the 21st Century.** (Art/P; 4 cr; prereq 2121 or instr consent)

<table>
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<th>Course Code</th>
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<th>Capacity</th>
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<td>33405</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>IH 202</td>
<td>Hume</td>
<td>Max 15</td>
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**Engl 3021. Grammar and Language.** (Hum; 4 cr)

<table>
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<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
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<tbody>
<tr>
<td>32953</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>IH 101</td>
<td>D. Ericksen</td>
<td>Max 30</td>
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**Engl 3155. 20th Century British Fiction.** (4 cr; prereq 2501 (or 1131), two from 2201, 2202, 2211, 2212)

<table>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
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<tr>
<td>33218</td>
<td>8:00-9:40 am</td>
<td>TTh</td>
<td>Hum 11</td>
<td>Miller</td>
<td>Max 20</td>
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**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)

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
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<tr>
<td>34353</td>
<td>3:30-5:10 pm</td>
<td>MW</td>
<td>Hum 5</td>
<td>Eckerle</td>
<td>Max 12</td>
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**Engl 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

*Last Update on: 6/26/2018*

*Fall Semester 2018*
ENVIRONMENTAL SCIENCE

ESci 4901. Environmental Science Senior Seminar I. (1 cr; prereq instr consent; A-F only)
32769         Arranged         Boyd         Max 15

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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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Start/End Time</th>
<th>Days</th>
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<th>Instructor</th>
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<tr>
<td>Fren 1001</td>
<td>Beginning French I. (4 cr)</td>
<td></td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Hum 111</td>
<td>T. Berberi</td>
<td>Max 25</td>
</tr>
<tr>
<td>Fren 1804</td>
<td>Medieval Myths, Religions, and Fantasy through Literature. (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)</td>
<td></td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td></td>
<td>Bevevino</td>
<td>Max 24</td>
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<tr>
<td>Fren 1993</td>
<td>Directed Study. (1-5 cr; [max10 cr]; prereq approved directed study form)</td>
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<tr>
<td>Fren 2001</td>
<td>Intermediate French I. (IP; 4 cr; prereq 1002 or placement or instr consent)</td>
<td></td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Hum 11</td>
<td>Buchanan</td>
<td>Max 25</td>
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<tr>
<td>Fren 2993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<td>Fren 3002</td>
<td>Civilization and Composition: From the Middle Ages to Classicism. (Hist; 2 cr; prereq 2002 or instr consent)</td>
<td></td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Hum 12</td>
<td>Bevevino</td>
<td>Max 15</td>
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<tr>
<td>Fren 3003</td>
<td>Civilization and Composition: France Since the Revolution of 1789. (Hist; 2 cr; prereq 2002 or instr consent)</td>
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<td>9:50-11:30 am</td>
<td>TTh</td>
<td>Hum 11</td>
<td>T. Berberi</td>
<td>Max 15</td>
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<tr>
<td>Fren 3407</td>
<td>Medieval and Early Modern Studies: The “East” and its Marvels. (4 cr; prereq (or coreq) 3002, 3011)</td>
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<td>12:50-2:30 pm</td>
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<td>Bevevino</td>
<td>Max 15</td>
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<tr>
<td>Fren 3603</td>
<td>Francophone Studies: Witches, Wilderness, and Words in Francophone Folktales. (4 cr; prereq or coreq 3004, 3011 or instr consent)</td>
<td></td>
<td>4:45-5:50 pm</td>
<td>MWF</td>
<td>Hum 12</td>
<td>Buchanan</td>
<td>Max 15</td>
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<td>Fren 3993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<td>Fren 4993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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</table>
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
GEOGRAPHY

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

Fall Semester 2018
# GEOLOGY

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

**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

**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

**Geol 2121. Sedimentology and Stratigraphy.** (Sci-L; 4 cr; prereq 2101)
- Lec 1: 9:50-11:30 am, TTh, Sci 2185, Cotter

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

**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

**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

**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

**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)
- Section: 32924
- Time: 8:00-9:40 am
- Days: TTh
- Location: IH 109
- Instructor: James
- Max: 40

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

**Hist 1301. Introduction to U.S. History.** (Hist; 4 cr)
- Section: 32758
- Time: 9:15-10:20 am
- Days: MWF
- Location: IH 109
- Instructor: 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)
- Section: 34423
- Time: 10:30-11:35 am
- Days: MWF
- Location: Sci 2185
- Instructor: Gross
- Max: 24

**Hist 1821. Global Blackness.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
- Section 1: 34424 Sec 1
  - Time: 1:40-2:30 pm
  - Days: TTh
  - Location: IH 113
  - Instructor: James
  - Max: 13
- Section 2: 34424 Sec 2
  - Time: 2:40-3:30 pm
  - Days: TTh
  - Location: IH 217
  - Instructor: James
  - Max: 13

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

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

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

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

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

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

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

**Hist 3456. History of Religion in America.** (Hist; 4 cr)
- Section: 33294
- Time: 10:30-11:35 am
- Days: MWF
- Location: IH 203
- Instructor: 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)
- Section: 32804
- Time: 4:30-6:30 pm
- Days: Tue
- Location: IH 217
- Instructor: 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)
- 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)
- Code: 32844
- Description: Completely online
- Instructor: Goodnough

### IS 1061. Mastering Skills for College Success. (2 cr; prereq instr consent; S-N only)
- Code: 32770
- Schedule: 9:15-10:20 am MWF (2nd half)
- Location: Hum 12
- Instructor: 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)
- Code: 32434
- Time: Arranged
- Instructor: 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)
- Code: 35192
- Schedule: 2:40-4:20 pm TTh
- Location: Sci 1030
- Instructor: Manolis
- Max: 24

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

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

### IS 2001H. Honors: Traditions in Human Thought. (Hum; 2 cr; prereq participation in the Honors Program or instr consent)
- Code: 32931 Dis 2
  - Schedule: 9:00-9:50 am Thu
  - Location: Sci 1030
  - Instructor: R. Johnson, J. Johnson
  - Max: 15
- Code: 32932 Dis 3
  - Schedule: 10:00-10:50 am Thu
  - Location: Sci 1030
  - Instructor: R. Johnson, J. Johnson
  - Max: 15

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

### IS 3103. Graduate Success Seminar. (1 cr; prereq admission to the McNair Program)
- Code: 34433
  - Schedule: 11:00-12:00 pm Tue
  - Location: Sci 3665
  - Instructor: Carpenter

### IS 3246H. Honors: Science, Poetry, and the Great War. (Sci; 4 cr; prereq participation in the Honors Program or instr consent)
- Code: 33450
  - Schedule: 11:45-12:50 pm MWF
  - Location: Sci 2200
  - Instructor: 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)
- Code: 34465
  - Schedule: 12:50-4:10 pm Fri (1st half)
  - Location: IH 217
  - Instructor: Kuchenreuther, A. Kildegaard
  - Max: 15

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

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

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*Last Update on: 6/26/2018*

*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

Return to Table of Contents
**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)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>32791 Sec 1</td>
<td>2:15-3:05 pm</td>
<td>MWF</td>
<td>Sci 4655</td>
<td>Pederson</td>
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<tr>
<td>32792 Sec 2</td>
<td>2:40-3:35 pm</td>
<td>TTh</td>
<td>Sci 4655</td>
<td>Robinson</td>
<td>15</td>
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<tr>
<td>32942 Sec 3</td>
<td>9:50-10:45 am</td>
<td>TTh</td>
<td>Sci 4655</td>
<td>Robinson</td>
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<tr>
<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)

<table>
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<tr>
<th>Section</th>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
<td>32793 Sec 1</td>
<td>10:30-11:35 am</td>
<td>MW</td>
<td>HFA 6</td>
<td>Robinson</td>
<td>20</td>
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<tr>
<td>32920 Sec 2</td>
<td>11:45-12:50 pm</td>
<td>MW</td>
<td>HFA 6</td>
<td>Robinson</td>
<td>20</td>
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<tr>
<td>32980 Sec 3</td>
<td>2:15-3:20 pm</td>
<td>MW</td>
<td>IH 114</td>
<td>Robinson</td>
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**Lang 1063. Academic Culture and Oral Skills in the American University.** (2 cr [max 4 cr]; prereq non-native speaker of English, instr consent; S-N only) *Course runs 08/30/18 to 11/15/18*

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
<td>Lec 1</td>
<td>4:30-5:35 pm</td>
<td>Thu</td>
<td>IH 111</td>
<td>Pederson</td>
<td>12</td>
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<tr>
<td>32795 Dis 2</td>
<td>4:00-5:30 pm</td>
<td>Mon</td>
<td>Hum 11</td>
<td>Pederson</td>
<td>12</td>
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<tr>
<td>32796 Dis 3</td>
<td>9:50-11:20 am</td>
<td>Tue</td>
<td>HFA 18</td>
<td>Pederson</td>
<td>12</td>
</tr>
<tr>
<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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<tr>
<td>32943 Dis 5</td>
<td>3:30-5:00 pm</td>
<td>Wed</td>
<td>Hum 11</td>
<td>Pederson</td>
<td>12</td>
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<tr>
<td>32981 Dis 6</td>
<td>4:30-6:00 pm</td>
<td>Tue</td>
<td>Hum 11</td>
<td>Pederson</td>
<td>12</td>
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**Lang 1071. Writing in the American University II.** (3 cr; prereq 1061, instr consent)

<table>
<thead>
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<th>Section</th>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
<td>32940</td>
<td>2:15-3:05 pm</td>
<td>MWF</td>
<td>Sci 4655</td>
<td>Pederson</td>
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*Fall Semester 2018*
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 Resources 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 Staff

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

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# MATHEMATICS

**Math 0901. Basic Algebra.** (0 cr toward graduation, 4 cr toward financial aid)

<table>
<thead>
<tr>
<th>32609</th>
<th>1:00-2:05 pm</th>
<th>MWF</th>
<th>Sci 3650</th>
<th>Rambow</th>
<th>Max 50</th>
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</table>

**Math 1012. PreCalculus I: Functions.** (4 cr; prereq Math 0901 or placement; no credit for students who have received credit for Math 1014)

<table>
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<tr>
<th>32759 Sec 1</th>
<th>8:00-9:05 am</th>
<th>MWF</th>
<th>Sci 3610</th>
<th>Rambow</th>
<th>Max 40</th>
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<tbody>
<tr>
<td>32878 Sec 2</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Sci 3650</td>
<td>Rambow</td>
<td>Max 40</td>
</tr>
</tbody>
</table>

**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)

<table>
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<tr>
<th>32760</th>
<th>8:50-9:40 am</th>
<th>TTh</th>
<th>Sci 3650</th>
<th>Roberts</th>
<th>Max 40</th>
</tr>
</thead>
</table>

**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)

<table>
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<tr>
<th>32900</th>
<th>2:15-3:20 pm</th>
<th>MWF</th>
<th>Sci 2190</th>
<th>McQuarrie</th>
<th>Max 30</th>
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**Math 1101. Calculus I.** (M/SR; 5 cr; prereq 1012, 1013 or placement)

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<th>8:00-9:05 am</th>
<th>MWF</th>
<th>Sci 3510</th>
<th>Ismail</th>
<th>Max 35</th>
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<tbody>
<tr>
<td>32421 Sec 2</td>
<td>8:00-9:40 am</td>
<td>Tue</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>35327 Sec 3</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Sci 3510</td>
<td>Atkinson</td>
<td>Max 35</td>
</tr>
<tr>
<td></td>
<td>9:50-11:30 am</td>
<td>Tue</td>
<td></td>
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</table>

**Math 1102. Calculus II.** (M/SR; 5 cr; prereq 1101)

<table>
<thead>
<tr>
<th>32423</th>
<th>3:30-4:35 pm</th>
<th>MWF</th>
<th>Sci 3510</th>
<th>McQuarrie</th>
<th>Max 35</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2:40-4:20 pm</td>
<td>Tue</td>
<td></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)

<table>
<thead>
<tr>
<th>33440 Sec 1</th>
<th>8:50-9:40 am</th>
<th>TTh</th>
<th>Sci 3665</th>
<th>Logan</th>
<th>Max 13</th>
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<tbody>
<tr>
<td>33441 Sec 2</td>
<td>12:50-1:40 pm</td>
<td>TTh</td>
<td>Sci 3665</td>
<td>Logan</td>
<td>Max 13</td>
</tr>
</tbody>
</table>

**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)

<table>
<thead>
<tr>
<th>32427</th>
<th>9:15-10:20 am</th>
<th>MWF</th>
<th>Sci 4655</th>
<th>Logan</th>
<th>Max 35</th>
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**Math 2211. History of Mathematics.** (4 cr; prereq 1101 or higher or instr consent)

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

<table>
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<tr>
<th>32428</th>
<th>8:00-9:05 am</th>
<th>MWF</th>
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<th>McQuarrie</th>
<th>Max 40</th>
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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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<tr>
<th>32682</th>
<th>2:15-3:20 pm</th>
<th>MWF</th>
<th>Sci 3610</th>
<th>Sungur</th>
<th>Max 15</th>
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</table>

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

| Arranged |

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

<table>
<thead>
<tr>
<th>32772</th>
<th>1:00-2:05 pm</th>
<th>MWF</th>
<th>Sci 2200</th>
<th>Atkinson</th>
<th>Max 35</th>
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</table>

*Fall Semester 2018*
<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>
<th>Description</th>
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<tr>
<td>Math 3221.</td>
<td>32649</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 3610</td>
<td>Roberts</td>
<td>30</td>
<td>Real Analysis I. (4 cr; prereq 1102, 2202, or instr consent)</td>
</tr>
<tr>
<td>Math 3411.</td>
<td>32430</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Sci 4655</td>
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<td>Discrete and Combinatorial Mathematics. (4 cr; prereq 1102 or higher or instr consent)</td>
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<tr>
<td>Math 3993.</td>
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<td>Math 4221.</td>
<td>33365</td>
<td>3:00-3:50 pm</td>
<td>TTh</td>
<td>Sci 3665</td>
<td>Atkinson</td>
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<td>Topology. (2 cr; prereq 2202 or instr consent)</td>
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<tr>
<td>Math 4901.</td>
<td>32914</td>
<td>Arranged</td>
<td></td>
<td></td>
<td>Ng</td>
<td></td>
<td>Senior Seminar. (2 cr; prereq sr, math major; full year course begins fall sem; A-F only)</td>
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<td>Math 4993.</td>
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<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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### MUSIC

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

**Mus 1044. Class Piano for the Non-Music Major.** (ArtP; 1 cr; special fee required)
- 32836 Sec 1: 1:00-1:50 pm, Mon, HFA 175, Bae, Max 12
- 32837 Sec 2: 1:00-1:50 pm, Wed, HFA 175, Bae, Max 12
- 33137 Sec 3: 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.** (Art/P; 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)
- 32646: 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)
- 32808 Sec 1: 1:40-2:30 pm, TTh, HFA 175, DuHamel, Max 12
- 33249 Sec 2: 12:50-1:40 pm, TTh, HFA 175, DuHamel, tentative

**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)
- 33045 Sec 1: 9:15-10:05 am, Fri, HFA 175, Flinn, Max 12
- 33250 Sec 2: 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)

**Mus 1200. Piano**
- 32465 Sec 1: Arranged, DuHamel
- 32613 Sec 2: Arranged, Bae
- 32614 Sec 3: Arranged, Helder

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

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

**Mus 1203. Harpsichord**
- 32468: Arranged, Staff
<table>
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<tr>
<th>Course Code</th>
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<th>Credits</th>
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<td>Mus 1300.</td>
<td>UMM Symphonic Winds</td>
<td>1 cr</td>
<td>3:30-5:20 pm</td>
<td>HFA 180</td>
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<tr>
<td>Mus 1301.</td>
<td>Chamber Winds</td>
<td>1 cr</td>
<td>3:30-4:20 pm</td>
<td>HFA 180</td>
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<tr>
<td>Mus 1310.</td>
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<td>HFA 170</td>
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<tr>
<td>Mus 1320.</td>
<td>Concert Choir</td>
<td>1 cr</td>
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<tr>
<td>Mus 1321.</td>
<td>Chamber Singers</td>
<td>1 cr</td>
<td>7:30-9:00 pm</td>
<td>HFA 170</td>
<td>B. Miller</td>
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</table>

*Fall Semester 2018*
Mus 1330. Jazz Ensemble. (ArtP; 1 cr [max 8 cr]; S-N only)  
32462 Sec 1  2:15-3:20 pm  MWF  HFA 180  Campbell  
33091 Sec 2  Arranged  HFA 180  Campbell  

Mus 1331. Brass Ensemble. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)  
32848  5:00-5:50 pm  TTh  HFA 180  Tillier  

Mus 1350. Choral Ensembles: Community Membership. (0 cr; prereq instr consent)(Meets w/Mus 1310)  
33253  Arranged  Kleinwolterink  Max 20  

Mus 1351. Jazz Ensembles: Community Membership. (0 cr; prereq instr consent)  
32848  7:00-8:00 pm  Mon  HFA 180  Campbell  Max 20  

Mus 1352. Wind/Brass Ensembles: Community Membership. (0 cr; prereq instr consent)(Meets w/Mus 1300)  
33255  3:30-5:20 pm  MWF  HFA 180  Tillier  Max 20  

Mus 1370. Chamber Orchestra. (ArtP; 1 cr [max 8 cr]; S-N only)(Meets w/Mus 1353)  
32783  6:30-8:00 pm  MW  HFA 170  Corbett  

Mus 2045. Intermediate Class Guitar. (ArtP; 1 cr; prereq 1045 or instr consent; special fee required)  
32909  2:40-3:30 pm  Tue  HFA 170  Flegel  Max 25  

Mus 2111. Functional Keyboard for the Music Major III. (ArtP; 1 cr; prereq 1112, music major or minor; special fee required)  
32809  2:40-3:30 pm  TTh  HFA 175  DuHamel  Max 12  

Mus 2151. Intermediate Music Theory: Form. (2 cr; prereq 1152, music major or minor or instr consent)  
33257  1:00-2:05 pm  MWF (2nd half)  HFA 180  Flinn  Max 30  

Mus 2152. Intermediate Music Theory: Harmony. (2 cr; prereq 1152, music major or minor or instr consent)  
33258  1:00-2:05 pm  MWF (1st half)  HFA 180  Flinn  Max 30  

Mus 2303. Instrumental Techniques – Strings. (1 cr; prereq major or minor or instr consent)  
33259  9:15-10:20 am  MW  HFA 180  Corbett  Max 25  

Mus 2402. Art Song Repertoire. (FA; 2 cr)  
33260  9:50-10:40 am  TTh  HFA 185  A. Miller  Max 25  

Mus 3115. Gender and Sexuality in Music. (FA; 2 cr; prereq ability to read music and identify basic scales and chords)  
33261  10:30-11:35 am  MWF (1st half)  HFA 185  D. Odello  Max 12  

Mus 3117. Music in Film. (FA; 2 cr; prereq ability to read music and identify basic scales and chords)  
33262  10:30-11:35 am  MWF (2nd half)  HFA 185  D. Odello  Max 12  

Mus 3200-3224. Advanced Individual Performance Studies. (ArtP; 1 cr each [max 8 cr per instrument]; prereq instr consent; special fee required)  

Mus 3200. Piano  
32488  Arranged  DuHamel  

Mus 3201. Piano Accompanying  
32489  Arranged  DuHamel  

Mus 3202. Organ  
32597  Arranged  Staff  

Mus 3203. Harpsichord  
32490  Arranged  Staff  

Fall Semester 2018
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<td>32491</td>
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<td>Mus 3205</td>
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<td>32492</td>
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<td>Mus 3206</td>
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<td>32494</td>
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<td>Mus 3209</td>
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<td>Mus 3210</td>
<td>Oboe</td>
<td>32497</td>
<td>Bushman</td>
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<td>Mus 3211</td>
<td>Clarinet</td>
<td>32498</td>
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<td>Mus 3212</td>
<td>Saxophone</td>
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<td>Mus 3224</td>
<td>Improvisation</td>
<td>34432</td>
<td>Campbell</td>
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**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

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Meeting Time</th>
<th>Days</th>
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<td>NAIS xxxx. TBA</td>
<td>NATIVE AMERICAN AND INDIGENOUS STUDIES</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>HFA 6</td>
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<td>NAIS 1001. Beginning Dakota Language I</td>
<td>(4 cr)</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
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<td>NAIS 1011. Beginning Anishinaabe Language I</td>
<td>(4 cr)</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Hum 11</td>
<td>Kmett</td>
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<td>NAIS 1054. Associated Languages: Introduction to Nahuatl Language</td>
<td>(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>12:50-2:30 pm</td>
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<td>IH 115</td>
<td>Coon</td>
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<td>NAIS 1101. Introduction to Native American and Indigenous Studies</td>
<td>(HDiv; 4 cr)</td>
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<td>IH 109</td>
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<td>NAIS 1801. American Indian Song and Dance</td>
<td>(IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)</td>
<td>2:15-3:20 pm</td>
<td>MW</td>
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<td>NAIS 2011. Intermediate Anishinaabe Language I</td>
<td>(Hum; 4 cr; prereq 1012 or placement or instr consent)</td>
<td>1:00-2:05 pm</td>
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<td>NAIS 3403. American Indian Education: History and Representation</td>
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PHILOSOPHY

Phil 1101. Introduction to Philosophy. (Hum; 4 cr)
33052 Sec 1 8:00-9:40 am  TTh  Sci 1030  McFarlane  Max 25
33053 Sec 2 9:50-11:30 am  TTh  Sci 1030  McFarlane  Max 25

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)
34463 12:50-2:30 pm  TTh  Sci 3650  Demetriou  Max 25

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

Phil 2101. Introduction to Symbolic Logic. (M/SR; 4 cr)
33094 Sec 1 9:15-10:20 am  MWF  Sci 1030  Garavaso  Max 25
33095 Sec 2 11:45-12:50 pm  MWF  Sci 1030  Garavaso  Max 25

Phil 2112. Professional Ethics. (E/CR; 4 cr)
33709 12:50-2:30 pm  TTh  Hum 211  McFarlane  Max 25

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

Phil 3121. Political Philosophy. (SS; 4 cr; prereq 1101 or 2101 or 2111 or instr consent)
33234 2:40-4:20 pm  TTh  Sci 3650  Demetriou  Max 25

Phil 3141. The Theory of Knowledge. (Hum; 4 cr; prereq 1101 or 2101 or 2111 or instr consent)
33231 2:15-3:20 pm  MWF  IH 101  Garavaso  Max 25

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

Phil 4000. History of Philosophy Seminar. (Hist; 4 cr; prereq 1101 or 2101 or 2111 or instr consent)
33232 5:30-7:10 pm  MW  IH 202  Staff  Max 25

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

### Phys 1052. The Solar System. (Sci-L; 5 cr; no cr for students who have received cr for Phys 1051)
- **Lec 1**
  - Time: 2:15-3:20 pm
  - Days: MWF
  - Room: Sci 2200
  - Instructor: McIntosh

### Phys 1091. Principles of Physics I. (Sci-L; 5 cr; prereq high school higher algebra)
- **Lec 1**
  - Time: 10:30-11:35 am
  - Days: MWF
  - Room: Sci 2190
  - Instructor: Morgan

### Phys 1102. General Physics II. (Sci-L; 5 cr; prereq 1101, Math 1102 or instr consent)
- **Lec 1**
  - Time: 10:30-11:35 am
  - Days: MWF
  - Room: Sci 1030
  - Instructor: Korth

### 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**
  - Time: 1:00-2:05 pm
  - Days: MWF
  - Room: Sci 3655
  - Instructor: Korth
  - Max: 12

### Phys 3401. Experimental Physics. (Sci-L; 4 cr; prereq 2101)
- **Lec 1**
  - Time: 2:15-3:05 pm
  - Days: MWF
  - Room: Sci 3655
  - Instructor: Morgan

### 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)
- **Time**: 4:30-5:20 pm
- **Room**: Sci 3665
- **Instructor**: 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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<td>Holst</td>
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*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
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
### 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)
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 Pennie-Roy Max 25

SSA 1219. Strength Training. (1 cr [max 2 cr]; S-N only)
32735 9:15-10:20 am MWF (1st half) PEC 250 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
32376 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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<td>Introduction to Sport Management</td>
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# STATISTICS

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

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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)

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<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Sci 3610</td>
<td>Sungur</td>
<td>15</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<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>1</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 3550</td>
<td>Anderson</td>
<td>20</td>
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</table>

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

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

Arranged
THEATRE ARTS

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

*Fall Semester 2018*