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## SPRING 2018 Schedule of Classes

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

*Click on discipline title to go listing of classes*

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*Spring Semester 2018*
AMERICAN SIGN LANGUAGE

ASL 1002. Beginning American Sign Language II. (FL; 4 cr; prereq 1001 or placement or instr consent)
66146 6:00-7:40 pm TTh IH 101 Poore Max 30
## ANTHROPOLOGY

### Anth 1111. Introductory Cultural Anthropology. (SS; 4 cr)
- **Course Code:** 66589
- **Time:** 9:15-10:20 am
- **Day:** MWF
- **Location:** IH 109
- **Instructor:** Ortiz
- **Max:** 70

### Anth 1201. Becoming Human: Introduction to Biological Anthropology. (Sci-L; 5 cr; A-F only)
- **Lec 1:** **Time:** 8:00-9:05 am, **Day:** MWF, **Location:** IH 109, **Instructor:** Dean
- **Lab 2:** **Time:** 1:00-2:30 pm, **Day:** Mon, **Location:** IH 3, **Instructor:** Beaver
- **Lab 3:** **Time:** 8:00-9:30 am, **Day:** Tue, **Location:** IH 3, **Instructor:** Beaver
- **Lab 4:** **Time:** 10:30-12:00 pm, **Day:** Mon, **Location:** IH 3, **Instructor:** Beaver
- **Lab 5:** **Time:** 12:00-1:30 pm, **Day:** Tue, **Location:** IH 3, **Instructor:** Beaver

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

### Anth 2001. How We Study People: Introduction to Methods in Cultural Anthropology. (SS; 2 cr; prereq any 1xxx Anth course)
- **Course Code:** 66591
- **Time:** 9:00-9:50 am
- **Day:** TTh
- **Location:** IH 101
- **Instructor:** Ortiz
- **Max:** 30

### Anthropology 2501. Medical Anthropology-An Overview. (SS; 2 cr; prereq 1111 or Soc 1101)
- **Course Code:** 69059
- **Time:** 11:45-12:35 pm
- **Day:** MWF
- **Location:** IH 114
- **Instructor:** Ortiz
- **Max:** 30

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

### Anth 3001. Theory in Cultural Anthropology. (2 cr; prereq any Anth 2xxx course; no credit for students who have received cr for Anth 4901)
- **Course Code:** 66084
- **Time:** 10:00-10:50 am
- **Day:** TTh
- **Location:** IH 101
- **Instructor:** Ortiz
- **Max:** 30

### Anth 3002. Theory in Archaeology and Biological Anthropology. (2 cr; prereq 2001 or 2002)
- **Course Code:** 66592
- **Time:** 11:00-11:50 am
- **Day:** TTh
- **Location:** IH 101
- **Instructor:** Beaver
- **Max:** 30

### Anth 3004. Historical and Comparative Linguistics. (Hum; prereq soph or higher or instr consent)(Meets w/Hum 3004)
- **Course Code:** 69004
- **Time:** 12:00-1:40 pm
- **Day:** TTh
- **Location:** Hum 211
- **Instructor:** Peterson
- **Max:** 12

### Anth 3402. Representations from the Field: American Indian Ethnography and Ethnohistory. (Hdiv; 4 cr)(Meets w/Hist 3402)
- **Course Code:** 66695
- **Time:** 8:00-9:40 am
- **Day:** TTh
- **Location:** IH 113
- **Instructor:** Whalen
- **Max:** 15

### Anth 3751. Primatology. (Sci; 2 cr)
- **Course Code:** 66590
- **Time:** 1:00-1:50 pm
- **Day:** WF
- **Location:** IH 113
- **Instructor:** Dean
- **Max:** 15

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

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

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## ART HISTORY

**ArtH 1101. Interpreting the Visual World: An Introduction to Art History.** (FA; 4 cr)  
66399  2:15-3:20 pm  MWF  HFA 6  Dabbs  Max 48

**ArtH 1121. Renaissance to Modern Art.** (FA; 4 cr)  
66130  12:00-1:40 pm  TTh  HFA 6  Basu  Max 30

**ArtH 2103. Art and Archaeology of Ancient Rome.** (FA; 4 cr; prereq any 1xxx ArtH course or soph status or instr consent)  
66596  2:00-3:40 pm  TTh  HFA 2  Schryver  Max 15

**ArtH 3113. Early Islamic Art and Culture.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)  
66597  4:00-5:40 pm  TTh  HFA 2  Schryver  Max 15

**ArtH 3171. Baroque Art.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)  
66598  10:00-11:40 am  TTh  HFA 2  Dabbs  Max 15

**ArtH 3231. History of Photography.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)  
66594  5:30-7:10 pm  MW  HFA 2  Basu  Max 15

**ArtH 3274. Modern Art in Germany.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)  
66593  3:30-5:10 pm  MW  HFA 2  Basu  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 4901. Capstone Assessment of Student Experience in Art History.** (1 cr; prereq ArtH major, instr consent; S-N only)  
Arranged  Dabbs

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

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ART, STUDIO

**ArtS 1004. Visual Studies for Non-Majors: Printmaking.** (ArtP; 3 cr [max 6 cr]; no elective cr for ArtS majors or minors; materials fee required)

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<td>66357</td>
<td>9:00-12:00 pm</td>
<td>TTh</td>
<td>HFA 15</td>
<td>Otten</td>
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**ArtS 1050. Beginning Ceramics.** (ArtP; 3 cr [max 6 cr]; materials fee required)

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<tr>
<td>66210 Sec 1</td>
<td>9:00-12:00 pm</td>
<td>TTh</td>
<td>HFA 145</td>
<td>Stansbury</td>
<td>Max 12</td>
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<tr>
<td>66401 Sec 2</td>
<td>1:00-4:00 pm</td>
<td>TTh</td>
<td>HFA 145</td>
<td>Stansbury</td>
<td>Max 12</td>
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**ArtS 1102. Basic Studio Drawing II.** (ArtP; 2 cr; prereq 1101, coreq 1104, 1106; one 1xxx ArtH course recommended during the same year; materials fee required)

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<th>Course Code</th>
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<td>65918</td>
<td>1:00-3:00 pm</td>
<td>TTh</td>
<td>HFA 130</td>
<td>Larson</td>
<td>Max 16</td>
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**ArtS 1104. Basic Studio 3-D Design.** (ArtP; 2 cr; prereq 1103, coreq 1102, 1106; one 1xxx ArtH course recommended during the same year; materials fee required)

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<td>65919</td>
<td>9:15-11:15 am</td>
<td>MW</td>
<td>HFA 130</td>
<td>Ramey</td>
<td>Max 12</td>
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**ArtS 1106. Basic Studio Discussion II.** (ArtP; 1 cr; prereq 1105, coreq 1102, 1104; one 1xxx ArtH course recommended during the same year)

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<td>65920</td>
<td>11:30-1:00 pm</td>
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<td>HFA 2</td>
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**ArtS 1900. Fashion Trashion: Where Style Meets Sustainability.** (ArtP; 1 cr [max 3 cr]; students must participate I spring runway show in April, held in the evening)

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<td>66571</td>
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<td>Larson/Granholm</td>
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**ArtS 3015. Media Studies: Sculpture.** (ArtP; 3 cr [max 9 cr]; prereq ArtS major or minor)

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<tr>
<td>68997</td>
<td>4:00-6:00 pm</td>
<td>TTh</td>
<td>HFA 145</td>
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<td>Max 12</td>
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**ArtS 3110. Advanced Drawing II.** (ArtP; 3 cr [max 9 cr]; prereq 2101, 2102; 3100 recommended; materials fee required)

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<td>65922</td>
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**ArtS 3210. Printmaking Studio II.** (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for jrs and srs; materials fee required)

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**ArtS 3310. Painting Studio II.** (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for jrs and srs; materials fee required)

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**ArtS 3410. Sculpture Studio II.** (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for jrs and srs; materials fee required)

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<td>66132</td>
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<td>MW</td>
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<td>Ramey</td>
<td>Max 14</td>
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**ArtS 3510. Photographic and Digital Processes II: Adobe Creative Suite Processes.** (ArtP; 3 cr [max 9]; prereq major or minor or instr consent; materials fee required)

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

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**ArtS 4903. Senior Thesis Project II.** (1 cr; prereq 4902; A-F only; materials fee required)

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

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*Spring Semester 2018*
# BIOLOGY

### Biol 0102. Human Nutrition. (Sci; 3 cr; no elective cr for biol majors or minors)
- **Biol 1002. Human Nutrition.** (Sci; 3 cr; no elective cr for biol majors or minors)
  - **66149**
  - 8:50-9:55 am  
  - **TTh**  
  - **Sci 2200**  
  - **Hardy**  
  - **Max 15**

### 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)
- **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)
  - **66161 Sec 1**
  - 10:00-11:15 am  
  - **TTh**  
  - **Sci 3650**  
  - **Myers**  
  - **Max 40**
  - **66325 Sec 2**
  - 1:00-1:50 pm  
  - **MW**  
  - **Sci 3610**  
  - **Dolence**  
  - **Max 40**

### Biol 2101. Evolution of Biodiversity. (Sci-L; 4 cr; prereq C- or better in 1101 or 1111 or instr consent)
- **Biol 2101. Evolution of Biodiversity.** (Sci-L; 4 cr; prereq C- or better in 1101 or 1111 or instr consent)
  - **Lec 1**
  - 1:00-2:05 pm  
  - **MW**  
  - **Sci 1020**  
  - **Lec 11**
  - 1:00-2:05 pm  
  - **MW**  
  - **Sci 2950**  
  - **Myers**  
  - **Max 40**
  - **66241 Lab 12**
  - 2:15-5:15 pm  
  - **Wed**  
  - **Sci 2130**  
  - **Loberg**  
  - **Max 18**
  - **66242 Lab 13**
  - 9:00-12:00 pm  
  - **Tue**  
  - **Sci 2130**  
  - **Loberg**  
  - **Max 18**
  - **66282 Lab 14**
  - 2:00-5:00 pm  
  - **Tue**  
  - **Sci 2130**  
  - **Loberg**  
  - **Max 18**

### Biol 2103. Introduction to Human Physiology. (Sci; 4 cr; prereq 2102 or SSA 2102 or instr consent; no elective cr for biol majors or minors)
- **Biol 2103. Introduction to Human Physiology.** (Sci; 4 cr; prereq 2102 or SSA 2102 or instr consent; no elective cr for biol majors or minors)
  - **66193**
  - 11:45-12:50 pm  
  - **MWF**  
  - **Sci 2190**  
  - **Waye**  
  - **Max 40**

### Biol 3121. Molecular Biology. (Sci-L; 5 cr; prereq C- or better in 2111, Chem 2301 or instr consent)
- **Biol 3121. Molecular Biology.** (Sci-L; 5 cr; prereq C- or better in 2111, Chem 2301 or instr consent)
  - **Lec 1**
  - 10:00-11:40 am  
  - **TTh**  
  - **Sci 1020**  
  - **66162 Lab 1**
  - 9:00-12:00 pm  
  - **Sci 2130**  
  - **Loberg**  
  - **Max 18**
  - **66171 Lab 2**
  - 2:00-5:00 pm  
  - **Thu**  
  - **Sci 2130**  
  - **Loberg**  
  - **Max 18**

### Biol 3700. Biological Communication I. (1 cr; prereq Biol 2101, 2111)
- **Biol 3700. Biological Communication I.** (1 cr; prereq Biol 2101, 2111)
  - **66162 Sec 1**
  - 2:15-3:05 pm  
  - **Wed**  
  - **Sci 2200**  
  - **Kuchenreuther**  
  - **Max 15**
  - **66337 Sec 2**
  - 1:00-1:50 pm  
  - **Thu**  
  - **Sci 3665**  
  - **Anderson**  
  - **Max 15**

### Biol 3701. Biological Communication II. (1 cr; prereq 3700, instr consent)
- **Biol 3701. Biological Communication II.** (1 cr; prereq 3700, instr consent)
  - 65 min/per week discussion arranged
  - **66103 Sec 1**
  - Arranged  
  - **Des Lauriers**  
  - **Max 4**
  - **66104 Sec 2**
  - Arranged  
  - **Waye**  
  - **Max 4**
  - **66105 Sec 3**
  - Arranged  
  - **Johnson**  
  - **Max 4**
  - **66106 Sec 4**
  - Arranged  
  - **Dolence**  
  - **Max 4**
  - **66107 Sec 5**
  - Arranged  
  - **Myers**  
  - **Max 4**
  - **66390 Sec 6**
  - Arranged  
  - **Loberg**  
  - **Max 4**

### Biol 4111. Microbiology. (4 cr; prereq 2111, prereq or coreq 3121 or instr consent)
- **Biol 4111. Microbiology.** (4 cr; prereq 2111, prereq or coreq 3121 or instr consent)
  - **Lec 1**
  - 9:15-10:20 am  
  - **MW**  
  - **Sci 2190**  
  - **Dolence**  
  - **Max 4**
  - **66573 Lab 2**
  - 9:00-12:00 pm  
  - **Tue**  
  - **Sci 2150**  
  - **Dolence**  
  - **Max 14**
  - **66304 Lab 3**
  - 2:00-5:00 pm  
  - **Tue**  
  - **Sci 2150**  
  - **Dolence**  
  - **Max 14**
  - **66557 Lab 4**
  - 2:00-5:00 pm  
  - **Thu**  
  - **Sci 2150**  
  - **Dolence**  
  - **Max 14**

---

*Spring Semester 2018*
**Biol 4121. Herpetology.** (4 cr; prereq Biol 2101 or EnSt 2101 or instr consent)

- **Lec 1**
  - Time: 9:15-10:20 am
  - Days: MW
  - Location: Sci 2185
  - Instructor: Waye

- **66604 Lab 2**
  - Time: 2:15-5:15 pm
  - Days: Mon
  - Location: Sci 3160
  - Instructor: Waye
  - Max: 12

- **66605 Lab 3**
  - Time: 2:00-5:00 pm
  - Days: Tue
  - Location: Sci 3160
  - Instructor: Waye
  - Max: 12

**Biol 4161. Evolution.** (4 cr; prereq 2101, 2111 or instr consent)

- **67194**
  - Time: 2:15-3:20 pm
  - Days: MWF
  - Location: Sci 3160
  - Instructor: Myers
  - Max: 20

**Biol 4241. Our Tiny Predators: Ecology, Infection, Disease.** (4 cr; prereq Biol 2101 or EnSt 2101, Stat 1601 or Stat 2601 or instr consent)

- **67195**
  - Time: 10:30-11:35 am
  - Days: MWF
  - Location: Sci 2185
  - Instructor: Loberg
  - Max: 24

**Biol 4312. Genetics.** (4 cr; prereq 2111 or instr consent)

- **Lec 1**
  - Time: 11:45-12:50 pm
  - Days: MW
  - Location: Sci 1020
  - Instructor: Des Lauriers

- **66212 Lab 2**
  - Time: 2:00-5:00 pm
  - Days: Tue
  - Location: Sci 3180
  - Instructor: Des Lauriers
  - Max: 18

- **66213 Lab 3**
  - Time: 2:00-5:00 pm
  - Days: Thu
  - Location: Sci 3180
  - Instructor: Des Lauriers
  - Max: 18

**Biol 4351. Conservation Biology.** (4 cr; prereq Biol 2101 or EnSt 2101, Biol 3131 or instr consent)

- **Lec 1**
  - Time: 1:00-2:05 pm
  - Days: MW
  - Location: Sci 2200
  - Instructor: Kuchenreuther

- **66607 Lab 2**
  - Time: 2:00-5:00 pm
  - Days: Tue
  - Location: Sci 3665
  - Instructor: Kuchenreuther
  - Status: tentative

- **67193 Lab 3**
  - Time: 2:00-5:00 pm
  - Days: Thu
  - Location: Sci 2185
  - Instructor: Kuchenreuther
  - Max: 15

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

Arranged

**Senior Seminar Continuation.**

- **Sec 1**
  - Time: 12:00-1:05 pm
  - Days: Tue
  - Location: Sci 1020
  - Instructor: Kuchenreuther

- **Sec 2**
  - Time: 5:00-6:05 pm
  - Days: Thu
  - Location: Sci 1020
  - Instructor: Kuchenreuther

- **Sec 3**
  - Time: 5:00-6:05 pm
  - Days: Tue
  - Location: Sci 1020
  - Instructor: Kuchenreuther

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

Arranged

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### Spring Semester 2018

**CHEMISTRY**

**Chem 1102. General Chemistry II.** (Sci-L; 5 cr; prereq 1101)

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Time</th>
<th>Day</th>
<th>Class</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lec 1</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 2950</td>
<td>Goodnough</td>
<td></td>
</tr>
<tr>
<td>66180 Lab 2</td>
<td>2:15-5:15 pm</td>
<td>Mon</td>
<td>Sci 3175</td>
<td>Seeger</td>
<td>Max 8</td>
</tr>
<tr>
<td>66098 Lab 3</td>
<td>8:00-11:00 am</td>
<td>Tue</td>
<td>Sci 3175</td>
<td>K. Nell</td>
<td>Max 8</td>
</tr>
<tr>
<td>66099 Lab 4</td>
<td>12:00-3:00 pm</td>
<td>Tue</td>
<td>Sci 3175</td>
<td>Alia</td>
<td>Max 8</td>
</tr>
<tr>
<td>66100 Lab 5</td>
<td>4:00-7:00 pm</td>
<td>Tue</td>
<td>Sci 3175</td>
<td>K. Nell</td>
<td>Max 8</td>
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<tr>
<td>66101 Lab 6</td>
<td>2:15-5:15 pm</td>
<td>Wed</td>
<td>Sci 3175</td>
<td>B. Nell</td>
<td>Max 8</td>
</tr>
<tr>
<td>66189 Lab 7</td>
<td>8:00-11:00 am</td>
<td>Thu</td>
<td>Sci 3175</td>
<td>K. Boyd</td>
<td>Max 8</td>
</tr>
<tr>
<td>66214 Lab 8</td>
<td>12:00-3:00 pm</td>
<td>Thu</td>
<td>Sci 3175</td>
<td>Seeger</td>
<td>Max 8</td>
</tr>
<tr>
<td>66322 Lab 9</td>
<td>4:00-7:00 pm</td>
<td>Thu</td>
<td>Sci 3175</td>
<td>B. Nell</td>
<td>Max 8</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 2302. Organic Chemistry II.** (Sci; 4 cr; credit will not be granted if credit has been received for Chem 2304; prereq C or better in 2301, coreq 2321 or instr consent for chem majors)

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Time</th>
<th>Day</th>
<th>Class</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>65877</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 3650</td>
<td>Carpenter</td>
<td>Max 30</td>
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**Chem 2304. Organic Chemistry II with a Biological Emphasis.** (Sci; 4 cr; C or better in 2301, Biol 2111 or instr consent)

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Time</th>
<th>Day</th>
<th>Class</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>66608</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Sci 3650</td>
<td>Soderberg</td>
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**Chem 2321. Introduction to Research I.** (1 cr; prereq 2311, coreq 2302 or 2304 or instr consent)

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Time</th>
<th>Day</th>
<th>Class</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>65878 Lab 1</td>
<td>2:15-5:15 pm</td>
<td>MW (1st half)</td>
<td>Sci 3135</td>
<td>Pirinelli, Carpenter</td>
<td>Max 8</td>
</tr>
<tr>
<td>65879 Lab 2</td>
<td>12:00-3:00 pm</td>
<td>TTh (1st half)</td>
<td>Sci 3135</td>
<td>Pirinelli, Carpenter</td>
<td>Max 8</td>
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</table>

**Chem 2322. Introduction to Research II.** (1 cr; prereq 2321, coreq 2302 or 2304, instr consent)

Students obtain a permission slip from a chemistry faculty member before registering.

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Time</th>
<th>Day</th>
<th>Class</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
<td>Lab 1</td>
<td>2:15-5:15 pm</td>
<td>MW (2nd half)</td>
<td>Sci 3135</td>
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<tr>
<td>Lab 12</td>
<td>12:00-3:00 pm</td>
<td>TTh (2nd half)</td>
<td>Sci 3135</td>
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**Chem 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

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

Arranged

**Chem 3502. Physical Chemistry II.** (Sci; 4 cr; prereq 3501, coreq 3511 or instr consent for chem majors)

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Time</th>
<th>Day</th>
<th>Class</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>65880</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Sci 4655</td>
<td>Alia</td>
<td>Max 30</td>
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</table>

**Chem 3511. Physical Chemistry Lab.** (1 cr; coreq 3502)

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Time</th>
<th>Day</th>
<th>Class</th>
<th>Instructor</th>
<th>Max</th>
</tr>
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<tbody>
<tr>
<td>66069</td>
<td>2:15-5:15 pm</td>
<td>Mon + arr</td>
<td>Sci 3130</td>
<td>Alia</td>
<td>Max 12</td>
</tr>
</tbody>
</table>
**Chem 3901. Chemistry Seminar I.** (0.5 cr; prereq 2321; required of all chem majors; may not count toward chem minor; A-F only)
- Course Code: 66147
- Time: 4:00-5:50 pm
- Days: Tue
- Location: Sci 2200
- Instructor: Carpenter
- Max: 40

**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 4111. Instrumental Analysis.** (5 cr; prereq 3101)
- Lec 1: 9:00-10:05 am  
  - Course Code: 66611
  - Location: Sci 4655
  - Instructor: Goodnough
- Lab 2: 10:15-11:45 am  
  - Course Code: 66611
  - Location: Sci 3040
  - Instructor: Goodnough
- Max: 8

**Chem 4355. Biochemistry of Carbohydrates and Glycoconjugates.** (4 cr; prereq 2321 or Biol 3700, Biol 4211 or instr consent)
- Course Code: 68262
- Time: 10:00-11:40 am
- Days: TTh
- Location: Sci 2200
- Instructor: Pirinelli
- Max: 12

**Chem 4356. Fundamentals of Neurochemistry.** (4 cr; prereq 4211 or instr consent)
- Course Code: 69020
- Time: 10:30-11:35 am
- Days: MWF
- Location: Sci 2200
- Instructor: Seeger
- Max: 12

**Chem 4551. Theoretical Chemistry.** (4 cr; prereq or coreq 3502 or instr consent)
- Course Code: 68907
- Time: 9:20-10:10 am
- Days: Mon, Thu
- Location: Sci 3655, Sci 3550
- Instructor: Alia
- Max: 10

**Chem 4701. Inorganic Chemistry.** (4 cr; prereq 3501 or instr consent)
- Course Code: 66612
- Time: 8:00-9:05 am
- Days: MWF
- Location: Sci 1030
- Instructor: B. Nell
- Max: 15

**Chem 4711. Inorganic Chemistry Lab.** (1 cr; prereq 2322, coreq 4701 or instr consent)
- Course Code: 66613
- Time: 12:00-3:00 pm
- Days: Tue
- Location: Sci 3130
- Instructor: K. Boyd
- Max: 6

**Chem 4901. Chemistry Seminar II.** (0.5 cr; prereq 3901; required of all chem majors; may not count toward chem minor; full-year course begins fall semester)
- Course Code: 66150
- Time: 4:00-5:00 pm
- Days: Tue
- Location: Sci 1020
- Instructor: Goodnough
- 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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## CHINESE

**Chn 1001. Beginning Modern Chinese I.** (4 cr; prereq 1001 or instr consent)
- Code: 68954
- Time: 10:00-11:40 am
- Days: TTh
- Location: Sci 2190
- Instructor: Fan
- Max: 25

**Chn 1002. Beginning Modern Chinese II.** (FL; 4 cr; prereq 1001 or instr consent)
- Code: 66369
- Time: 10:00-11:40 am
- Days: TTh
- Location: IH 217
- Instructor: Staff
- Tentative

**Chn 2001. Intermediate Chinese I.** (IP; 4 cr; prereq 1002 or placement or instr consent)
- Code: 69694
- Time: 9:15-10:20 am
- Days: MWF
- Location: Hum 211
- Instructor: Fan
- Max: 25

**Chn 2002. Intermediate Chinese II.** (IP; 4 cr; prereq 2001 or placement or instr consent)
- Code: 66375
- Time: 8:00-9:40 am
- Days: TTh
- Location: Hum 12
- Instructor: Staff
- Tentative
### COMMUNICATION, MEDIA, AND RHETORIC

**CMR 1042. Public Speaking and Analysis.** (E/CR; 4 cr)
- 66622 Sec 1: 12:00-1:40 pm TTh, HFA 18, Walker, Max 40
- 66623 Sec 2: 2:00-3:40 pm TTh, HFA 18, Walker, Max 40

**CMR 1062. Introduction to Interpersonal and Group Communication.** (Hum; 4 cr)
- 66358: 10:00-11:40 am TTh, HFA 23, Walker, Max 25

**CMR 1388. College Newspaper Experience.** (1 cr [max 2 cr]; prereq instr consent)
- 66329: Arranged, Burke, Max 10

**CMR 1389. College Radio Experience.** (1 cr [max 2 cr]; prereq instr consent)
- 66328: Arranged, Burke, Max 10

**CMR 2102. Communication and the Environment: Analysis and Criticism.** (Hum; 2 cr; prereq Engl 1601, soph or higher status)
- 68998: 12:00-1:40 pm TTh (2nd half), HFA 23, Neuzil, Max 25

**CMR 2421. Business and Professional Communication.** (E/CR; 4 cr; prereq 1042, 1062 or instr consent)
- 67200: 4:45-5:50 pm MWF, HFA 18, Sotirova, Max 25

**CMR 3121. Rhetorical Criticism and Hollywood Cinema.** (Hum; 4 cr; prereq 1101 or instr consent)
- 67441: 4:00-5:40 pm Tue, HFA 23, Burke, Max 25
- 4:00-7:00 pm Thu

**CMR 3301. Media Theory, Criticism, and Problems.** (SS; prereq 1101 or instr consent)
- 66619: 8:00-9:40 am TTh, HFA 23, Burke, Max 25

**CMR 3411. Intercultural Communication Theory and Research.** (Hdiv; 4 cr; prereq 1101 or instr consent)
- 66615: 3:30-4:35 pm MWF, HFA 23, Sotirova, Max 25

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

**CMR 4152. Advanced Public Speaking.** (Hum; 4 cr; prereq 1042 or instr consent)
- 66620: 10:00-11:40 am TTh, HFA 18, Burke, Max 20

**CMR 4901. Communication, Media, and Rhetoric Seminar II.** (3 cr; prereq 4900 or sr status in the major, instr consent; A-F only)
- 66170: 11:45-12:50 pm Wed, HFA 23, Burke, Sotirova, Max 15

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

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COMPUTER SCIENCE

CSci 1201. Introduction to Digital Media Computation. (M/SR; 4 cr)
66158 10:30-11:35 am MWF Sci 2190 Lamberty Max 25

CSci 1302. Foundations of Computer Science. (M/SR; 4 cr)
65882 9:15-10:20 am MWF Sci 1020 Machkasova Max 35

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

CSci 2701. Introduction to Data Science. (M/SR; 4 cr; prereq 1201 or 1251 or 1301, Stat 1601 or Stat 2601 or Stat 2611 or instr consent)(Same as Stat 2701)
66347 4:45-5:50 pm MWF Sci 3650 Dolan Max 15

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

CSci 3402. Computing Systems: Concepts. (3 cr; prereq 1302 or both Math 2202 and Math 3411, CSci 2101 or instr consent)
66349 10:00-11:40 am Tue Sci 2185 McPhee Max 24

CSci 3601. Software Design and Development. (M/SR; 5 cr; prereq grade of a C- or better in 2101 or instr consent)
Lec 1 11:45-12:50 pm MF Sci 2185 McPhee, Lamberty
66102 Lab 2 2:00-3:50 pm TTh Sci 2610 McPhee, Lamberty Max 24

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

CSci 4409. Systems: Programming for Parallel Architecture. (2 cr; prereq 3402, 3403 or instr consent)
66628 1:00-1:50 pm TTh Sci 2185 McPhee Max 24

CSci 4555. Theory: Neural Networks and Machine Learning. (4 cr; prereq CSci 1302 or both Math 2202 and Math 3411, CSci 2101 or instr consent)
66629 2:15-3:20 pm MWF Sci 2185 Machkasova Max 20

CSci 4656. Processes, Programming, and Languages: Human-Computer Interaction and Interface Design. (4 cr; prereq 2101 or instr consent)
66630 1:00-2:05 pm MWF Sci 2185 Lamberty Max 20

CSci 4901. Senior Seminar. (2 cr; prereq IS 1091, jr or sr, instr consent; S-N only)
66108 4:00-4:50 pm Tue Sci 2185 Machkasova Max 12

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

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DANCE

Dnce 1330. Introduction to Dance in Musical Theatre. (ArtP; 1 cr [max 2 cr])
66632 3:30-5:00 pm Wed HFA 125 Ferrian Max 15

Dnce 2301. Practicum in Dance. (1 cr; ArtP; prereq instr consent)
Arranged Ferrian Max 20

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

Dnce 3001. World Dance. (IP; 2 cr)
69151 11:45-12:50 pm MW HFA 125 Ferrian Max 15

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)
- **66634** 10:30-11:35 am MWF IH 111 Brown Max 45

### Econ 1112. Principles of Macroeconomics
(SS; 4 cr; prereq high school algebra or instr consent)
- **66361 Sec 1** 12:00-1:40 pm TTh IH 111 Bina Max 45
- **66220 Sec 98** Completely Online Kildegaard Max 30

### 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 3173. Health Care Economics
(4 cr; prereq 1111 or instr consent)
- **69011** 12:00-1:40 pm TTh IH 114 Devkota Max 30

### Econ 3005. Experimental and Behavioral Economics I.
(2 cr; prereq 1111, 1112, Math 1101, Stat 1601 or Stat 2601 or instr consent)
- **66637** 2:00-3:40 pm TTh (1st half) IH 114 Burks Max 30

### Econ 3006. Experimental and Behavioral Economics II.
(2 cr; prereq 3005 or instr consent)
- **66638** 2:00-3:40 pm TTh (2nd half) IH 114 Burks Max 30

### Econ 3014. Game Theory: The Theory of Strategic Behavior I.
(2 cr; prereq 1111 or instr consent)
- **66382** 10:00-11:40 am TTh (1st half) IH 109 Burks Max 30

### Econ 3015. Game Theory: The Theory of Strategic Behavior II.
(2 cr prereq 3014 or instr consent)
- **66383** 10:00-11:40 am TTh (2nd half) IH 109 Burks Max 30

### Econ 3113. Money, Banking, and Financial Markets.
(4 cr; prereq 1111, 1112 or instr consent)
- **66332** 9:15-10:20 am MWF IH 112 Panda Max 30

### Econ 3202. Macroeconomic Theory.
(4 cr; prereq 1112, Math 1101 or instr consent)
- **65995** 11:45-12:50 pm MWF IH 111 Panda Max 30

### Econ 3501. Introduction to Econometrics.
(M/SR; 4 cr; prereq 3201 or 3202, Stat 1601 or Stat 2601)
- **66362** 8:00-9:40 am TTh IH 11 Devkota Max 30

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

### Econ 4111. Mathematical Economics I.
(2 cr; prereq 3201, 3202 or instr consent)
- **67270** 1:00-2:05 pm MWF (1st half) IH 101 Brown Max 30

### Econ 4112. Mathematical Economics II.
(2 cr; prereq 3201, 3202 or instr consent)
- **67271** 1:00-2:05 pm MWF (2nd half) IH 101 Brown Max 30

### Econ 4141. Empirics of Economic Growth.
(2 cr; prereq 3501)
- **66424** 2:15-3:20 pm TTh (2nd half) IH 203 Panda Max 30

### Econ 4201. Foundations of Microeconomic Theory.
(4 cr; prereq 3201; no cr for students who have received cr for Econ 4111)
- **68669** 1:00-2:05 pm MWF IH 111 Brown Max 30

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*Spring Semester 2018*
Econ 4502. Advanced Research Seminar in Economics and Management. (2 cr; prereq 4501, instr consent)

<table>
<thead>
<tr>
<th>Course</th>
<th>Section</th>
<th>Time</th>
<th>Day</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>66635</td>
<td>Sec 1</td>
<td>3:30-5:10 pm</td>
<td>Wed</td>
<td>IH 202</td>
<td>Panda</td>
<td>Max 4</td>
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<tr>
<td>66636</td>
<td>Sec 2</td>
<td>3:30-5:10 pm</td>
<td>Wed</td>
<td>IH 115</td>
<td>Brown</td>
<td>Max 4</td>
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Econ 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

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# EDUCATION

**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; S-N only)

66224

Arranged

Jepma

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

66223

10:00-11:10 am

TTh

MRC 205

Jepma

**Ed 2131. Foundations of Reading.** (2 cr; A-F only; this course is a prerequisite for admission to the Elementary Education program; open to students from all disciplines; students enrolled in this course are required to pay for and submit to a Minnesota background check)

66225

8:00-9:40 am

TTh (2nd half)

MRC 205

Sloan

Max 35

**Ed 2221. Diversity and Identity in Literature and Film.** (HDiv; 4 cr)

66318

8:00-9:40 am

TTh

Sci 1030

Page

Max 25

**Ed 2231. Disability in American Education.** (HDiv; 2 cr)

69337

10:00-11:40 am

TTh (1st half)

IH 203

Harell

Max 16

**Ed 2302. Critical Research on Indigenous Languages and Policies in Public Schools.** (E/CR; 4 cr)

66530

12:00-1:40 pm

TTh

Hum 11

Staff

Max 20

**Ed 2601. Development, Learning, and Teaching.** (SS; 2 cr; A-F only)

66342 Sec 1

12:00-1:40 pm

TTh (1st half)

Sci 2190

Harell

Max 40

66536 Sec 2

12:00-1:40 pm

TTh (2nd half)

Sci 2190

Harell

Max 40

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

Arranged

**Ed 3011. Global Practicum: Building Intercultural Perspectives for PK-12 Education.** (IP; 6-10 cr [max 10 cr]; special fee required; credit will not be granted if credit has been received for: IS 3011; prereq jr status, instr consent)

66159 Sec 500

Study Abroad

UMM Students

Lam

66522 Sec 501

Study Abroad

Non-UMM Students

Lam

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

Arranged

**Ed 4901. The Teacher and Professional Development.** (1 cr; prereq ElEd or SeEd 4201 or 4204 or instr consent; A-F only)

66226 Sec 1

1:00-3:00 pm

M-F (2nd half)

MRC 211

Rudney

Max 48

Sec 2

1:00-3:00 pm

M-F (2nd half)

Educ 102

Jepma

Sec 3

1:00-3:00 pm

M-F (2nd half)

Educ 106

Bovre

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

Arranged

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*Spring Semester 2018*
EDUCATION, ELEMENTARY

**ElEd 3202. Middle Level Theory and Methods.** (1 cr; prereq 3101, 3102, 3103, 3111; A-F only)
- 66229 8:00-9:40 am Tue (2nd half) Edu 106 Lam Max 40

**ElEd 3203. Preprimary Theory and Pedagogy.** (4 cr; prereq 3101, 3102, 3103, 3111; A-F only) (A 40 hour practicum (ElEd 3211 must be taken concurrently)
- 66230 2:15-4:35 pm Mon + weekly online work Edu 102 Sloan Max 40

**ElEd 3204. Advanced Childhood and Adolescent Development.** (2 cr; prereq 3101, 3102, 3103, 3111; A-F only)
- 66356 8:00-9:40 am TTh (1st half) MRC 205 Sloan Max 40

**ElEd 3211. Practicum II: Field Experience in a Preprimary Setting.** (1 cr; prereq 3101, 3102, 3103, 3111; S-N only)
- 66096 Arranged Sloan Max 40

**ElEd 3212. Practicum II: Field Experience in a Middle Level Setting.** (1 cr; prereq 3101, 3102, 3103, 3111; S-N only)
- 66097 2:15-3:20 pm Mon MRC 205 Lam Max 40

**ElEd 3213. Practicum II: Field Experience in a K-6 Setting.** (1 cr; prereq 3101, 3102, 3103, 3111; S-N only)
- 66355 2:15-3:20 pm Mon MRC 205 Lam Max 40

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

**ElEd 4201. Directed Student Teaching in Primary and Intermediate Grades.** (HDiv; 12 cr; prereq 4102, 4103, 4104, 4111, 4112, passing scores on basic skills or instr consent; S-N only; special fee required)
- 66231 Arranged Harell

**ElEd 4202. Directed Student Teaching in Primary and Intermediate Grades.** (1-16 cr [max 16 cr]; prereq passing scores on basic skills or instr consent; S-N only; special fee required)
- 66072 Arranged Harell

**ElEd 4204. Directed Global Student Teaching at the Primary and Intermediate Level** (IP; 1-16 cr; prereq 4102, 4103, 4104, 4111, 4112, passing scores on basic skills or instr consent; special fee required)
- 66232 Sec 500 Study Abroad UMM Students Lam
- 66520 Sec 501 Study Abroad Non-UMM Students Lam

**ElEd 4206. Directed Student Teaching in Preprimary Classroom.** (HDiv; 4 cr; prereq 3201, 3203, 3211; S-N only; special fee required)
- 66266 Arranged Sloan

**ElEd 4207. Directed Student Teaching in Middle Level Classroom.** (HDiv; 4 cr; prereq 3202, 3212, appropriate methods course, passing scores on basic skills or instr consent; S-N only; special fee required)
- 66267 Arranged Harell

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

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EDUCATION, SECONDARY

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

SeEd 4201. Directed Student Teaching in the Middle and Secondary School. (HDiv; 12 cr; prereq 4102, 4103, 4104, 4105, methods, CMR 1042 or 1052, passing scores on basic skills or instr consent; S-N only; special fee required)
       66082        Arranged
Page

SeEd 4202. Directed Student Teaching in the Middle and Secondary School. (1-16 cr [max 16 cr]; prereq passing scores on MTLE basic skills or instr consent; S-N only; special fee required)
       66192        Arranged
Page

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 1052, passing scores on basic skills or instr consent; special fee required)
       66067 Sec 500  Study Abroad  UMM Students  Lam
       66521 Sec 501  Study Abroad  Non-UMM Students  Lam

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

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**ENGLISH**

**Engl 1601. Writing for the Liberal Arts.** (WLA; 4 cr)(*Sections 20-22 are reserved for English as a Second Language (ESL) students. A permission number is required to register.)

<table>
<thead>
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<th>Section</th>
<th>Time</th>
<th>Days</th>
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<th>Max</th>
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<tr>
<td>66305</td>
<td>8:00-9:05 am</td>
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<td>HFA 18</td>
<td>Kildegaard</td>
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<tr>
<td>66306</td>
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<td>MWF</td>
<td>Hum 5</td>
<td>Gercken</td>
<td>18</td>
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<tr>
<td>66307</td>
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<td>HFA 18</td>
<td>Kildegaard</td>
<td>18</td>
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<tr>
<td>66308</td>
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<td>MWF</td>
<td>Hum 11</td>
<td>Wenzel</td>
<td>18</td>
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<tr>
<td>66309</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>HFA 18</td>
<td>Johnson</td>
<td>18</td>
</tr>
<tr>
<td>66310</td>
<td>2:15-3:20 pm</td>
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<td>Hum 205</td>
<td>Staff</td>
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<td>66311</td>
<td>3:30-4:35 pm</td>
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<td>Hum 111</td>
<td>Johnson</td>
<td>18</td>
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<tr>
<td>66312</td>
<td>8:00-9:40 am</td>
<td>MWF</td>
<td>IH 114</td>
<td>Kolaya</td>
<td>18</td>
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<tr>
<td>66429</td>
<td>10:00-11:40 am</td>
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<td>Hum 11</td>
<td>Turk</td>
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<td>67607 Sec 10</td>
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<td>IH 101</td>
<td>Wenzel</td>
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<td>66313 *Sec 20</td>
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<td>Pederson</td>
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<td>Hum 5</td>
<td>Robinson</td>
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**Engl 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Engl 2014. Introduction to Popular Literature: Science Fiction.** (Hum; 4 cr; prereq 1601 (or 1011) or equiv or declared English major)

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<td>Hum 205</td>
<td>D. Ericksen</td>
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**Engl 2015. Introduction to Film Studies.** (Hum; 4 cr; prereq 1601 (or 1011) or equiv or declared English major)

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<td>D. Ericksen</td>
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**Engl 2031. Gender in Literature and Culture.** (Hdiv; 4 cr; prereq 1601 (or 1011) or equiv or declared English major)

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<td>66291</td>
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**Engl 2059. Introduction to Shakespeare.** (Hum; 4 cr; prereq 1601 (or 1011) or equiv or declared English major)

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**Engl 2062. Families in Wartime: Literary and Filmic Representations.** (Hum; 4 cr; prereq 1601)

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**Engl 2108. Writing with Style.** (2 cr; prereq 1601)

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<td>66650</td>
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**Engl 2121. Topics in Writing: Introduction to Creative Writing.** (ArtP; 4 cr; prereq 1601 (or 1011) or equiv)

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<td>Hum 111</td>
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**Engl 2202. Survey of British Literature from the 18th Century.** (Hum; 4 cr)

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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)

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<td>MWF</td>
<td>Hum 111</td>
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<td>66136 Sec 2</td>
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<td>MWF</td>
<td>Hum 111</td>
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**Engl 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

*Spring Semester 2018*
**Engl 3018. Scholarly Writing Workshop.** (2 cr; prereq 1601)
66649 10:30-11:20 am  MW  IH 202  Turk  Max 15

**Engl 3062. Carbon Energy Literatures: The Politics of Energy, Climate, and Crisis in the 20th and 21st Century.** (Envt; prereq 2501; two from 2201, 2202, 2211, 2212 or instr consent)
69000 9:15-10:20 am  MWF  Hum 205  Hume  Max 20

**Engl 3301. U.S. Multicultural Literature.** (Hdiv; 4 cr; prereq 2501 (or 1131), two from 2201, 2202, 2211, 2212 or instr consent)
66656 8:00-9:40 am  TTh  Hum 205  Lackey  Max 20

**Engl 3411. Critical Approached to Literature.** (4 cr; prereq 2501 (or 1131), two from 2201, 2202, 2211, 2212 or instr consent)
66651 1:00-2:05 pm  MWF  IH 217  Deane  Max 18

**Engl 3522. Harlem Renaissance.** (Hdiv; 4 cr; prereq 2501 (or 1131), two from 2201, 2202, 2211, 2212 or instr consent)
66657 10:00-11:40 am  TTh  Hum 205  Lackey  Max 20

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

**Engl 4004. Research Seminar: Old English Literature and Language.** (4 cr; prereq two from 31xx-35xx, instr consent)
66658 10:00-11:40 am  TTh  Edu 102  J. Ericksen  Max 12

**Engl 4022. Research Seminar: Rhetoric and Narration.** (4 cr; prereq two from 31xx-35xx, instr consent)
69001 3:30-5:10 pm  MW  Hum 211  Turk  Max 12

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

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ENVIRONMENTAL SCIENCE

ESci 4902. Environmental Science Senior Seminar II. (1 cr; prereq 4901, instr consent; A-F only)
66215 Arranged

Boyd

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<th>Course Name</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tr>
<td>EnSt 1101</td>
<td>Environmental Problems and Policy.</td>
<td>4 cr</td>
<td>(Envt; 4 cr)</td>
<td>10:00-11:40 am</td>
<td>TTh</td>
<td>HFA 6</td>
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<td>Max 40</td>
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<tr>
<td>EnSt 3201</td>
<td>Environmental Justice.</td>
<td>4 cr</td>
<td>(E/CR; 4 cr; prereq 4 cr of EnSt or instr consent)</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 1030</td>
<td>Loo</td>
<td>Max 20</td>
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<tr>
<td>EnSt 4901</td>
<td>Senior Capstone Experience.</td>
<td>4 cr</td>
<td>(prereq 3989 or 3996, sr status or instr consent; A-F only)</td>
<td>2:00-5:00 pm</td>
<td>Tue</td>
<td>IH 115</td>
<td>Breen</td>
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# FRENCH

**Fren 1002. Beginning French II.** (FL; 4 cr; prereq 1001 or placement or instr consent)

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<td>65925</td>
<td>Sec 1</td>
<td>MWF</td>
<td>10:30-11:35 am</td>
<td>Hum 205</td>
<td>Buchanan</td>
<td>25</td>
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<tr>
<td>66202</td>
<td>Sec 2</td>
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<td>01:00-02:05 pm</td>
<td>Hum 11</td>
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**Fren 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Fren 2002. Intermediate French II.** (IP; 4 cr; prereq 2001 or placement or instr consent)

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<td>65926</td>
<td>TTh</td>
<td>02:00-03:40 pm</td>
<td>Hum 111</td>
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**Fren 2014. Explorations in Cultures.** (1 cr [max 2 cr]; prereq 1002 or instr consent)

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<td>66683</td>
<td>MW (2nd half)</td>
<td>03:30-04:35 pm</td>
<td>Hum 11</td>
<td>T. Berberi</td>
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**Fren 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Fren 3004. Civilization and Composition: Colonialism and Francophone Worlds.** (Hist; 2 cr; prereq 2002 or instr consent)

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**Fren 3011. Introduction to French and Francophone Literature.** (Hum; 4 cr; prereq 4 cr of 3002 or 3003 or 3004 or instr consent)

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<td>Hum 12</td>
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**Fren 3507. Modern Studies: French for Sustainability.** (Envt; 2 cr; prereq (or coreq) 3003, 3011 or instr consent)

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

Arranged

**Fren 4902. French Capstone Project.** (2 cr; prereq a minimum of 16 credits completed in 3xxx electives, instr consent)

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<td>Hum 205</td>
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**Fren 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

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GENDER, WOMEN, AND SEXUALITY STUDIES

GWSS 2101. American Masculinities: The Making of Guys, Dudes, Bros, and Men. (SS; 2 cr; prereq 1101)
69126 10:00-11:40 am  TTh (1st half)  IH 217  Page  Max 17

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)
66196  Arranged  Rothchild

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GEOGRAPHY

Geog 2001. Problems in Geography. (Envt; 4 cr)

66320       Completely online

Beaver       Max 40
GEOLOGY

**Geol 1001. Environmental Geology: Geology in Daily Life.** (Sci; 4 cr; may not count toward geol major or minor)
65884 2:00-3:40 pm TTh Sci 2950 Tennefos Max 80

**Geol 1101. Physical Geology.** (Sci-L; 4 cr)

Lec 1 11:45-12:50 pm MWF Sci 3610 Cotter
65886 Lab 2 1:30-4:30 pm Mon Sci 1650 Cotter Max 24
65887 Lab 3 2:00-5:00 pm Tue Sci 1650 Cotter Max 24

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

**Geol 2111. Igneous and Metamorphic Petrology.** (Sci-L; 4 cr; prereq 2101)

Lec 1 11:45-12:50 pm MWF Sci 1510 Crabtree
66191 Lab 2 2:00-5:00 pm Tue Sci 1510 Crabtree Max 12

**Geol 2141. Glacial and Quaternary Geology.** (Sci; 4 cr; prereq 1101)

Lec 1 10:00-11:40 am TTh Sci 1030 Cotter
66688 Lab 2 2:15-5:15 pm Wed Sci 2530 Crabtree Max 24

**Geol 2161. GIS and Remote Sensing.** (Sci; 4 cr; prereq 1101 or Biol 1101 or Biol 1111 or instr consent)

Lec 1 9:15-10:20 am MWF Sci 2530 Crabtree
66244 Lab 2 2:15-5:15 pm Wed Sci 2530 Crabtree Max 20

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

**Geol 3101. Structural Geology.** (Sci-L; 4 cr; prereq 2111, Math 1021 or Math 1101 or instr consent)
66186 Completely Online Crowell Max 12

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

**Geol 4902. Geology Senior Seminar Presentations.** (1 cr; prereq instr consent; required for geol major)
Arranged Crabtree

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

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### GERMAN

**Ger 1002. Beginning German II.** (FL; 4 cr; prereq 1001 or placement or instr consent)
- 65928 Sec 1  1:00-2:05 pm MWF Hum 5 Wilberg Max 25
- 66321 Sec 2  12:00-1:40 pm TTh Hum 205 Carey Max 25

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

**Ger 2002. Intermediate German II.** (IP; 4 cr; prereq 2001 or instr consent)
- 66273  10:30-11:35 am MWF Hum 12 Carey Max 25

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

**Ger 3102. Introduction to German Literature and Culture II.** (Hum; 4 cr; prereq 3101 or instr consent)
- 66331  2:15-3:20 pm MWF Hum 12 Wilberg Max 15

**Ger 3601. Studies in German Literature.** (Hum; 4 cr; prereq 3011)(Meets w/Hum 3601)
- 68949  10:30-11:35 am MWF Hum 211 Wilberg Max 25

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

**Ger 4101. History of the German Language.** (Hist; 4 cr; prereq 1001 or equiv)
- 66689  2:00-3:40 pm TTh Hum 12 Peterson Max 15

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

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

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<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
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<th>Instructor</th>
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<td>Hist 1111</td>
<td>Introduction to World History. (Hist; 4 cr)</td>
<td></td>
<td>TTh</td>
<td>8:00-9:40 am</td>
<td>IH 109</td>
<td>Bruce</td>
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<td>Hist 1113</td>
<td>Introduction to African History since 1880. (Hist; 4 cr)</td>
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<td>10:30-11:35 am</td>
<td>IH 112</td>
<td>James</td>
<td>Max 25</td>
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<td>Hist 1301</td>
<td>Introduction to U.S. History. (Hist; 4 cr)</td>
<td></td>
<td>MWF</td>
<td>9:15-10:20 am</td>
<td>HFA 6</td>
<td>Gross</td>
<td>Max 40</td>
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<td>Hist 1601</td>
<td>Latin American History: A Basic Introduction. (IP; 4 cr)</td>
<td></td>
<td>MW</td>
<td>3:30-5:10 pm</td>
<td>IH 112</td>
<td>Narvaez</td>
<td>Max 40</td>
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<tr>
<td>Hist 2003</td>
<td>Public History. (Hist; 2 cr)</td>
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<td>Wed</td>
<td>3:30-5:10 pm</td>
<td>Lib 420</td>
<td>Gross</td>
<td>Max 16</td>
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<td>Hist 2251</td>
<td>American Indians and the United States. (Hdiv; 4 cr)</td>
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<td>TTh</td>
<td>10:00-11:40 am</td>
<td>IH 111</td>
<td>Whalen</td>
<td>Max 30</td>
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<td>Hist 2312</td>
<td>History of South Africa to 1976. (Hist; 4 cr)</td>
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<td>MWF</td>
<td>9:15-10:20 am</td>
<td>IH 217</td>
<td>James</td>
<td>Max 15</td>
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<td>Hist 2451</td>
<td>The American West. (Hist; 4 cr)</td>
<td></td>
<td>TTh</td>
<td>2:00-3:40 pm</td>
<td>Hum 205</td>
<td>Jurss</td>
<td>Max 25</td>
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<tr>
<td>Hist 2551</td>
<td>Modern Japan. (Hist; 4 cr)</td>
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<td>MWF</td>
<td>11:45-12:50 pm</td>
<td>Hum 205</td>
<td>Staff</td>
<td>Max 25</td>
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<td>Hist 3181</td>
<td>The Study of History. (Hist; 4 cr; no credit for students who have received credit for Hist 2001; prereq instr consent)</td>
<td></td>
<td>TTh</td>
<td>2:00-3:40 pm</td>
<td>IH 203</td>
<td>Bruce</td>
<td>Max 15</td>
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<td>Hist 3207</td>
<td>The Crusades. (IP; 4 cr)</td>
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<td>MWF</td>
<td>1:00-2:05 pm</td>
<td>IH 114</td>
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<td>Hist 3213</td>
<td>Modern Britain. (Hist; 4 cr)</td>
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<td>2:00-3:40 pm</td>
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<td>Hist 3402</td>
<td>Representations from the Field: American Indian Ethnography and Ethnohistory. (Hdiv; 4 cr)(Meets w/Anth 3402)</td>
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<td>8:00-9:40 am</td>
<td>IH 113</td>
<td>Whalen</td>
<td>Max 15</td>
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<td>Hist 3612</td>
<td>Social Revolution in 20th-Century Latin America. (Hist; 4 cr)</td>
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<td>12:00-1:40 pm</td>
<td>IH 217</td>
<td>Narvaez</td>
<td>Max 15</td>
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<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<td>Hist 4501</td>
<td>Senior Research Seminar in History. (4 cr; prereq 3181, instr consent; A-F only)</td>
<td></td>
<td>Wed</td>
<td>4:00-6:00 pm</td>
<td>IH 203</td>
<td>Deane</td>
<td>Max 15</td>
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HUMAN SERVICES

**HMSV 3001. Theory and Practice of Human Services.** (SS; 4 cr; no credit for students who have received cr for HMSV 2001; prereq Psy 1051 or Soc 1101 or Anth 1111 or Pol 1201)

HMSV 3001
66366
2:00-3:40 pm
TTh
IH 111
Rothchild
Max 30

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

HMSV 4896
Arranged
Peters

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## HUMANITIES

**Hum 1305. Career Preparation in World Languages.** (1 cr)  
66370 10:00-11:40 am Tue (2nd half)  
Hum 12  T. Berberi  Max 15

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

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

**Hum 3004. Historical and Comparative Linguistics.** (Hum; prereq soph or higher or instr consent)(Meets w/Anth 3004)  
69003 12:00-1:40 pm TTh  
Hum 211  Peterson  Max 12

**Hum 3601. Studies in German Literature.** (Hum; 4 cr)(Meets w/Ger 3601)  
70050 10:30-11:35 am MWF  
Hum 211  Wilberg  Max 25

**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 1061. Mastering Skills for College Success. (2 cr; prereq instr consent; S-N only)
9:15-10:20 am  MWF (1st half)  IH 203  V. Berberi  Max 15

IS 1071. Systematic Introduction to the Art and Science of Emergency Medical Care. (4 cr; prereq registration with the Stevens County Ambulance Service; arrangements must be made by contacting them at 320-589-7421. You can take the course from them without registering at UMM, but the inverse is not true. The Stevens County Ambulance Service sets and requires an independent fee; S-N only)[Note: Students will choose between TTh, 12:00-1:40 pm or TTh, 6:30-10:30 pm for class times. Class times will be listed as 'arranged' when registering.]
Arranged
Hardy

IS 1091. Ethical and Social Implications of Technology. (E/CR; 2 cr)
66068 Sec 1  12:00-1:40 pm  Tue  Sci 3650  Dolan  Max 20
66631 Sec 2  3:30-5:10 pm  Mon  Sci 2185  Mcphee  Max 20

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

IS 2102. Research Success Seminar. (1 cr; prereq instr consent)
69342  Arranged  Carpenter  Max 20

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

IS 3217H. Honors: The Trial of Galileo. (Hist; 2 cr; prereq participation in the Honors Program or instr consent)
66698  4:00-5:40 pm  Tue  IH 217  J. Deane, Togeas  Max 15

IS 3242H. Honors: Two Cosmological Poets: Dante and Lucretius. (IP; 2 cr; prereq participation in the Honors program or instr consent)
68662  12:00-12:50 pm  TTh  Sci 2185  Togeas  Max 15

IS 3252H. Honors: Archaeoastronomy (Sci; 2 cr; prereq participation in the Honors program or instr consent)
67000  2:15-3:05 pm  MW  Sci 3665  McIntosh  Max 15

IS 3253H. Honors: Honoring Native Treaties: Human Rights and Civic Responsibilities. (E/CR; 2 cr; prereq participation in the Honors program or instr consent)
68296  3:30-4:35 pm  MW (1st half)  Hum 11  Gercken  Max 15

IS 3710. Peer Tutoring in College. (1 cr [max 3 cr]; S-N only)
Arranged  Hoekstra  Max 10

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

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

IS 3800. Practicum in Social Sciences. (1-2 cr [max 4 cr]; prereq instr consent; S-N only)(Students need to submit a signed permission slip before registering.)
Arranged

IS 3810. Practicum in the Humanities. (1-2 cr [max 4 cr]; prereq instr consent; S-N only)(Students need to submit a signed permission slip before registering.)

Spring Semester 2018
Spring Semester 2018
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<th>Course Code</th>
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<th>Credits (Min/Max)</th>
<th>Prerequisites</th>
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<td>IS 3893</td>
<td>Prior Learning Directed Study</td>
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<td>IS 3896</td>
<td>Prior Learning Internship</td>
<td>1-16/32</td>
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<td>Arranged, S-N only</td>
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<td>Honors Co-Curricular Independent Study</td>
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<td>Honors Capstone Project</td>
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*Last Update on: 12/21/2017*

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ITALIAN

Ital 1002. Beginning Italian II. (FL; 4 cr; prereq 1001 or placement or instr consent)
66126 2:00-3:40 pm TTh Hum 211 V. Berberi Max 25

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

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

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

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

Lang 1061. Writing in the American University I. (3 cr; prereq non-native speaker of English, instr consent)
66235 11:45-12:35 pm MWF Sci 4655 Pederson Max 10

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 01/16/18 to 04/11/18
Lec 1 4:00-5:15 pm Mon IH 114 Pederson
66237 Lab 2 4:00-5:15 pm Wed IH 114 Pederson Max 20

Lang 1071. Writing in the American University II. (3 cr; prereq 1061, instr consent)
66377 11:45-12:35 pm MWF Sci 4655 Pederson Max 5

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LATIN

**Lat 1002. Beginning Latin II.** (FL; 4 cr; prereq 1001 or placement of instr consent)
66681 11:45-12:50 pm MWF Hum 111 Wenzel Max 25

**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)
65916   Arranged               Espinoza

LAAS 3201. Bibliographical Tools and Journals in Latin American Area Studies. (2 cr; prereq LAAS major)
66372   Arranged               Narvaez

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

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

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### MANAGEMENT

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

**Mgmt 2102. Principles of Accounting II.** (2 cr; prereq 2101)

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<th>Max</th>
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<td>65997</td>
<td>1</td>
<td>8:00-9:05 am</td>
<td>MWF 2nd half</td>
<td>IH 101</td>
<td>Wyum</td>
<td>Max 30</td>
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<tr>
<td>66178</td>
<td>2</td>
<td>10:30-11:35 am</td>
<td>MWF 2nd half</td>
<td>IH 101</td>
<td>Wyum</td>
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**Mgmt 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

**Mgmt 3123. Managerial Economics.** (4 cr; prereq 2101, Econ 1111, Math 1101 or Math 1021, Stat 1601 or Stat 2601 or instr consent; no credit for students who have received credit for Econ 3201)

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<td>66246</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>IH 113</td>
<td>Brown</td>
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**Mgmt 3133. Managerial Accounting.** (4 cr; prereq 2102)

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<td>66263</td>
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<td>MWF</td>
<td>IH 101</td>
<td>Wyum</td>
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**Mgmt 3141. Business Law: The Legal Environment of Business.** (2 cr; prereq 2101 or instr consent)

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<td>2:00-3:40 pm</td>
<td>TTh 1st half</td>
<td>IH 112</td>
<td>Economou</td>
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**Mgmt 3142. Business Law: Sales Law, Commercial Paper, and Forms of Business.** (2 cr; prereq 2101 or instr consent)

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<td>TTh 2nd half</td>
<td>IH 112</td>
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**Mgmt 3601. Transnational Enterprise.** (IP; 4 cr; prereq 2101, Econ 1111, Econ 1112 or instr consent)

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<td>66317</td>
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<td>TTh</td>
<td>IH 114</td>
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**Mgmt 3701. Organizational Behavior.** (SS; prereq Stat 1601 or Stat 2601, jr or sr status)(Same as Psy 3701)

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<td>MWF</td>
<td>IH 113</td>
<td>D. Stewart</td>
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**Mgmt 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

**Mgmt 4101. Investment and Portfolio Analysis.** (4 cr; prereq 2101, 2102, 3101)

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<td>66112</td>
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<td>IH 113</td>
<td>Devkota</td>
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**Mgmt 4896. Internship.** (1-4 cr [max 4 cr]; prereq 2102, instr consent; 2 cr may be applied toward major or minor; S-N only)
Arranged

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

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### MATHEMATICS

**Math 1001. Excursions in Mathematics.** (M/SR; 4 cr; prereq 2 yrs high school math)
- 65891 8:00-9:05 am MWF Sci 3650 McQuarrie Max 35

**Math 1012. PreCalculus I: Functions.** (4 cr; prereq Math 0901 or placement; no credit for students who have received credit for Math 1014)
- 66198 8:00-9:05 am MWF Sci 3610 Ismail Max 40

**Math 1013. PreCalculus II: Trigonometry.** (M/SR; 2 cr; prereq Math 0901 or placement; no credit for students who have received credit for Math 1014)
- 66199 9:00-9:50 am TTh Sci 3650 Logan Max 40

**Math 1021. Survey of Calculus.** (M/SR; 4 cr; prereq 1012 or placement; credit will not be granted for Math 1021 if a grade of C- or higher has previously been received for Math 1101)
- 66216 Sec 1 9:15-10:20 am MWF Sci 1030 Logan Max 35
- 66450 Sec 2 2:15-3:20 pm MWF Sci 3650 McQuarrie Max 35

**Math 1101. Calculus I.** (M/SR; 5 cr; prereq 1012, 1013 or placement)
- 65892 Sec 1 11:45-12:50 pm MWF Sci 3510 Ismail Max 35
- 65893 Sec 2 10:30-11:35 am MWF Sci 3510 Roberts Max 35

**Math 1102. Calculus II.** (M/SR; 5 cr; prereq 1101)
- 65894 Sec 1 9:15-10:20 am MWF Sci 3510 Chasman Max 35
- 65895 Sec 2 1:00-2:05 pm MWF Sci 3510 Atkinson Max 35

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

**Math 2101. Calculus III.** (M/SR; 4 cr; prereq 1102 or instr consent)
- 66234 1:00-2:05 pm MWF Sci 1030 Chasman Max 35

**Math 2202. Mathematical Perspectives.** (M/SR; 4 cr; prereq 1101)
- 66113 2:15-3:20 pm MWF Sci 1030 Logan Max 30

**Math 2212. Introduction to Knot Theory.** (M/SR; 4 cr; prereq 1101 or higher or instr consent)
- 66701 3:30-4:35 pm MWF Sci 2200 Atkinson Max 30

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

**Math 3111. Linear Algebra.** (4 cr; prereq 1102 or instr consent)
- 65898 9:15-10:20 am MWF Sci 4655 McQuarrie Max 30

**Math 3231. Abstract Algebra I.** (4 cr; prereq 2111, 2202 or instr consent)
- 66114 2:15-3:20 pm MWF Sci 4655 Roberts Max 30

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

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

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*Spring Semester 2018*
MUSIC

Mus 0100. Concert Attendance. (0 cr; prereq major or minor; S-N only)
66247 Sec 1 Arranged Majors B. Miller
69776 Sec 2 Arranged Minors B. Miller

Mus 1042. Fundamentals of Music. (FA; 4 cr)
67197 11:45-12:50 pm MWF HFA 185 D. Odello Max 30

Mus 1044. Class Piano for the Non-Music Major. (ArtP; 1 cr; special fee required)
66292 Sec 1 1:00-1:50 pm Mon HFA 175 Bae Max 12
66293 Sec 2 1:00-1:50 pm Wed HFA 175 Bae Max 12
69318 Sec 3 12:00-12:50 pm Thu HFA 175 DuHamel Max 12

Mus 1045. Class Guitar. (ArtP; 1 cr; special fee required)
66128 2:00-3:00 pm Tue HFA 170 Flegel Max 25

Mus 1050. Accompanying. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
65931 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)
65933 6:00-7:00 pm Wed HFA 180 Tillier

Mus 1080. Jazz Combo. (ArtP; 1 cr [max 8 cr]; S-N only)
65934 6:00-7:00 pm Mon HFA 180 Campbell

Mus 1090. Vocal Chamber Ensemble. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
66272 Arranged Staff

Mus 1112. Functional Keyboard for the Music Major II. (ArtP; 1 cr; prereq 1111, music major or minor; special fee required)
66248 Sec 1 2:00-2:50 pm TTh HFA 175 DuHamel Max 12
66249 Sec 2 1:00-1:50 pm TTh HFA 175 DuHamel tentative

Mus 1152. Foundations of Music Theory II. Line. (FA; 2 cr; prereq 1151 coreq 1154, 1156, concurrent enrollment in piano classes/lessons until piano proficiency is passed for maj/min)
66702 9:15-10:05 am MW HFA 185 Flinn Max 30

Mus 1154. Foundations of Musicianship II. (1 cr; prereq 1153, coreq 1152, 1156, concurrent enrollment in piano classes/lessons until piano proficiency is passed for maj/min)
66703 Sec 1 9:15-10:05 am Fri HFA 175 Flinn Max 30
68950 Sec 2 10:30-11:20 am Fri HFA 175 Flinn Max 30

Mus 1156. Foundations in Music History II: 1750 to Contemporary. (FA; 2 cr; prereq 1155, coreq 1152, 1154)
66704 9:00-9:50 am TTh HFA 185 Odello Max 30

Mus 1200-1223. Individual Performance Studies. (ArtP; 1 cr per sem for each [max 8 cr per instrument]; prereq instr consent; special fee required)

Mus 1200. Piano
65935 Sec 1 Arranged DuHamel
66073 Sec 2 Arranged Bae
66074 Sec 3 Arranged Helder
66075 Sec 4 Arranged Staff

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section</th>
<th>Instructor</th>
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<td>65936</td>
<td>DuHamel</td>
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<td>Mus 1202</td>
<td>Organ</td>
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<td>Mus 1203</td>
<td>Harpsichord</td>
<td>65938</td>
<td>DuHamel</td>
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<td>Mus 1204</td>
<td>Voice</td>
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<td>Bushman</td>
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<td>Sec 2</td>
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<td>French Horn</td>
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<td>Varpness</td>
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<td>Sec 2</td>
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<tr>
<td>Mus 1300</td>
<td>UMM Symphonic Winds</td>
<td>65955</td>
<td>Tillier</td>
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<td>3:30-5:20 pm</td>
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<tr>
<td>Mus 1301</td>
<td>Chamber Winds</td>
<td>66298</td>
<td>Tillier</td>
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<td></td>
<td>4:00-5:00 pm</td>
<td>TTh</td>
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<tr>
<td>Mus 1310</td>
<td>University Choir</td>
<td>65956</td>
<td>Kleinwolterink</td>
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<td>Course Name</td>
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<td>Mus 1320</td>
<td>Concert Choir</td>
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<td>[max 8 cr]; instr consent; S-N only</td>
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<td>Mus 1330</td>
<td>Jazz Ensemble</td>
<td>1 cr</td>
<td>[max 8 cr]; S-N only</td>
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<td>Mus 1331</td>
<td>Brass Ensemble</td>
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<td>Mus 1350</td>
<td>Choral Ensembles: Community Membership</td>
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<td>Mus 1351</td>
<td>Jazz Ensembles: Community Membership</td>
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<td>instr consent</td>
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<tr>
<td>Mus 1352</td>
<td>Wind/Brass Ensembles: Community Membership</td>
<td>0 cr</td>
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<td>Mus 1353</td>
<td>Orchestra: Community Membership</td>
<td>0 cr</td>
<td>instr consent</td>
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<tr>
<td>Mus 1370</td>
<td>Chamber Orchestra</td>
<td>1 cr</td>
<td>[max 8 cr]; S-N only</td>
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<td>Mus 1411</td>
<td>Vocal Performance Workshop</td>
<td>1 cr</td>
<td>instr consent</td>
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<td>Mus 2045</td>
<td>Intermediate Class Guitar</td>
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<td>1045 or instr consent</td>
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<td>Mus 2102</td>
<td>Core Studies II: Music Theory IV</td>
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<td>2101, major or minor or instr consent; concurrent enrollment in piano/class lessons until the piano proficiency test is passed for majors and minors</td>
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<td>Mus 2112</td>
<td>Functional Keyboard for the Music Major IV</td>
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<td>2111, music major or minor; special fee required</td>
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<td>Mus 2302</td>
<td>Intrumental Techniques – Brass</td>
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<td>1 cr; major or minor or instr consent</td>
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<td>Mus 2304</td>
<td>Vocal Techniques</td>
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<td>1 cr; major or minor or instr consent</td>
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<td>Mus 2403</td>
<td>Survey of Choral Literature</td>
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<td>Mus 2404</td>
<td>The Orchestra and its Literature from the 1700s through Today</td>
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<td>Mus 3051</td>
<td>Piano Pedagogy I</td>
<td>2 cr</td>
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<td>Mus 3102</td>
<td>Core Studies III: Classical, Romantic, and 20th-Century Music</td>
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Spring Semester 2018
Mus 3200-3223. Advanced Individual Performance Studies. (ArtP; 1 cr per sem for each [max 8 cr per instrument]; prereq instr consent; special fee required)

Mus 3200. Piano
65959 Arranged DuHamel

Mus 3201. Piano Accompanying
65960 Arranged DuHamel

Mus 3202. Organ
66064 Arranged Staff

Mus 3203. Harpsichord
65961 Arranged DuHamel

Mus 3204. Voice
65962 Sec 1 Arranged A. Miller
66079 Sec 2 Arranged Howes
66080 Sec 3 Arranged B. Miller
66081 Sec 4 Arranged K. Miller

Mus 3205. Violin
65963 Arranged Corbett

Mus 3206. Viola
65964 Arranged Corbett

Mus 3207. Cello
65965 Arranged Schlemmer

Mus 3208. Double Bass
65966 Arranged Schlemmer

Mus 3209. Flute
65967 Arranged DeVoll

Mus 3210. Oboe
65968 Arranged Bushman

Mus 3211. Clarinet
65969 Arranged Tillier

Mus 3212. Saxophone
65970 Sec 1 Arranged Campbell
66303 Sec 2 Arranged Rodesch

Mus 3214. Trumpet
65972 Arranged Jimenez

Mus 3215. French Horn
65973 Arranged Jimenez

Mus 3216. Trombone
65974 Arranged Varpness

Mus 3217. Euphonium
65975 Arranged Varpness

Mus 3218. Tuba
65976 Arranged M. Odello

Mus 3219. Percussion
65977 Arranged Horey

Mus 3221. Guitar
66133 Arranged Flegel

Mus 3222. Electric Bass
66134 Arranged Flegel

Mus 3223. Composition
66167 Sec 1 Arranged Campbell
68952 Sec 3 Arranged Flinn

Mus 3224. Improvisation (pending approval)
Arranged Campbell

Mus 3331. Choral Conducting and Materials. (2 cr; prereq 3311, major or minor or instr consent)
66708 11:45-12:50 pm MWF HFA 170 B. Miller

Spring Semester 2018
Mus 3351. Instrumental Arranging. (ArtP; 2 cr; prereq 1102; A-F only)
66709  1:00-1:50 pm  TTh  HFA 185  Campbell

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)
65978  Arranged  D. Odello

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NATIVE AMERICAN AND INDIGENOUS STUDIES

NAIS 1012. Beginning Anishinaabe Language II. (FL; 4 cr; prereq 1011)
68953  11:45-12:50 pm  MWF  Hum 205  Kmett  Max 25

NAIS 1101. Introduction to Native American and Indigenous Studies. (HDiv, 4 cr)
66710  10:30-11:35 am  MWF  Hum 5  Gercken  Max 25

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

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

NAIS 4901. Senior Project in Native American and Indigenous Studies. (4 cr; prereq 1101, NAIS major, instr consent)
70051  Arranged  Gercken
PHILOSOPHY

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

Phil 2111. Introductory Ethics. (Hum; 4 cr)
   66217 Sec 1  8:00-9:05 am  MWF  Hum 11  Demetriou  Max 25
   66218 Sec 2  9:15-10:20 am MWF  Hum 11  Demetriou  Max 25

Phil 2112. Professional Ethics. (E/CR; 4 cr)
   67257  12:00-1:40 pm  TTh  Hum 111  McFarlane  Max 25

Phil 2114. Environmental Ethics. (Envt; 4 cr)
   66719  2:15-3:20 pm  MWF  IH 114  Demetriou  Max 25

Phil 2151. Philosophy of Mind. (Hum; 4 cr)
   67374  10:00-11:40 am  TTh  IH 112  McFarlane  Max 25

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

Phil 3101. Metaphysics. (Hum; 4 cr; prereq 1101 or 2101 or 2111 or instr consent)
   67258  4:00-5:40 pm  TTh  Hum 205  McFarlane  Max 25

Phil 3171. History of Modern Philosophy. (Hist; 4 cr; prereq 1101 or 2101 or 2111 or instr consent)
   66718  12:00-1:40 pm  TTh  IH 202  Collier  Max 25

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

Phil 4902. Advanced Seminar in the History of Philosophy. (Hum; 4 cr; prereq 1101 or 2101 or 2111, sr status, instr consent)
   67259  3:30-5:10 pm  MW  IH 101  Collier  Max 10

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

Spring Semester 2018
### PHYSICS

**Phys 1092. Principles of Physics II.** (Sci-L; 5 cr; prereq 1091)
- **Lec 1** 10:30-11:35 am MWF    
  66141 Lab 2 8:00-10:00 am Thu    
  66270 Lab 3 2:00-4:00 pm Thu  
  Sci 1030  Korth  
  Sci 4550  Korth  
  Sci 4550  Korth  
  Max 18

**Phys 1101. General Physics I.** (Sci-L; 5 cr; prereq Math 1101 or instr consent)
- **Lec 1** 10:30-11:35 am MWF    
  65903 Lab 2 2:15-4:15 pm Mon    
  65904 Lab 3 8:00-10:00 am Tue    
  65905 Lab 4 1:00-3:00 pm Tue  
  Sci 2950  Boyd  
  Sci 4550  Boyd  
  Sci 4550  Boyd  
  Max 18

- **Lab 12** 10:30-12:30 pm Tue    
  66352 Lab 12 10:30-11:35 am MWF  
  Sci 3650  Morgan  
  Max 18

- **Lab 2** 8:00-10:00 am Thu    
  66353 Lab 13 3:30-5:30 pm Tue  
  Sci 4550  Morgan  
  Max 18

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

**Phys 2101. Modern Physics.** (Sci-L; 4 cr; prereq 1102, Math 2401 or instr consent)
- **Lec 1** 10:30-11:20 am MWF    
  65907 Lab 2 2:00-5:00 pm Tue  
  Sci 3655  McIntosh  
  Sci 4650  McIntosh  
  Max 8

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

**Phys 3151. Solid State Physics.** (2 cr; prereq 2101, Math 2101)
- 66721 1:15-2:05 pm WF  
  Sci 3655  Boyd  
  Max 10

**Phys 3301. Optics.** (4 cr; prereq 1102)
- **Lec 1** 2:15-3:20 pm MW    
  66884 Lab 2 2:00-5:00 pm Thu  
  Sci 3655  Morgan  
  Sci 4530  Morgan  
  Max 6

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

**Phys 4201. Quantum Mechanics.** (4 cr; prereq 2101, Math 2101)
- 66251 3:30-4:35 pm MWF  
  Sci 3665  Korth  
  Max 15

**Phys 4902. Senior Thesis II.** (1 cr; prereq 4901)
- Arranged  
  Korth, McIntosh, Morgan, Boyd

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

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POLITICAL SCIENCE

**Pol 1101. Introduction to Political Theory.** (E/CR; 4 cr)
66461 11:45-12:50 pm  MWF  IH 109  Breen  Max 50

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

**Pol 2221. The American Judicial Process.** (SS; 2 cr)
66726 2:00-3:40 pm  TTh (1st half)  IH 113  Lindberg  Max 25

**Pol 2222. The U.S. Supreme Court.** (SS; 2 cr)
66727 2:00-3:40 pm  TTh (2nd half)  IH 113  Lindberg  Max 25

**Pol 2411. Model United Nations.** (IP; 4 cr)
66725 12:00-1:40 pm  TTh  IH 113  Joo  Max 25

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

**Pol 3263. Political Psychology.** (SS; 4 cr; prereq 1201; Psy 1051 or instr consent recommended)
66724 8:00-9:40 am  TTh  IH 111  Lindberg  Max 20

**Pol 3272. Making Environmental Public Policy.** (Envt; 4 cr; prereq 1101 or 1201 or 1401)
66723 3:30-5:10 pm  MW  IH 113  Rose  Max 20

**Pol 3351. Ancient and Medieval Political Thought.** (Hum; 4 cr; prereq 1101 or instr consent)
66722 9:15-10:20 am  MWF  IH 111  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  Staff

**Pol 4405. Seminar in Comparative Politics and International Relations.** (4 cr; prereq 1401, 2001 or instr consent)
66728 4:00-5:40 pm  TTh  IH 203  Joo  Max 15

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

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# PSYCHOLOGY

**Psy 1051. Introduction to Psychology.** (SS; 4 cr)  
66233 1:00-2:05 pm  MWF  IH 109  D. Stewart  Max 75

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

**Psy 2001. Research Methods in Psychology.** (SS; 4 cr; prereq 1051, Stat 1601 or Stat 2601, or instr consent)  
66144 Sec 1 9:15-10:20 am  MWF  IH 113  C. Stewart  Max 20  
66264 Sec 2 2:00-3:40 pm  TTh  Sci 1030  Loehle-Conger  Max 20

**Psy 2581. Drugs and Human Behavior.** (SS; 2 cr; prereq 1051 or instr consent)  
66252 Sec 1 10:30-11:35 am  MWF (1st half)  IH 109  Michael  Max 35  
66470 Sec 2 10:30-11:35 am  MWF (2nd half)  IH 109  Michael  Max 35

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

**Psy 3314. Child and Adolescent Psychopathology.** (4 cr; prereq 1051 or instr consent)  
69005 12:00-1:40 pm  TTh  IH 101  Holst  Max 30

**Psy 3412. Cognition.** (4 cr; prereq 2001 or instr consent)  
66001 1:00-2:05 pm  MWF  IH 113  Johnson  Max 24

**Psy 3201. Comparative Psychology.** (Sci-L; 4 cr; prereq [1051, 2001] or Biol 2111)  
66339 2:15-3:20 pm  MWF  IH 112  Meek  Max 30

**Psy 3261. Human Sexuality.** (4 cr; prereq 1051, 2001)  
66364 4:00-5:40 pm  TTh  IH 217  Holst  Max 15

**Psy 3313. Psychopathology.** (4 cr; prereq 1051 or instr consent)  
66729 Completely Online  Julien  Max 30

**Psy 3402. Developmental Psychology II: Adolescence and Emerging Adulthood.** (4 cr; prereq 1051 or instr consent)  
66365 4:00-5:40 pm  TTh  IH 112  Baldelomar  Max 30

**Psy 3403. Developmental Psychology III: Adulthood and Aging.** (E/CR; 4 cr; prereq 1051 or instr consent)  
67974 8:00-9:40 am  TTh  IH 217  Holst  Max 15

**Psy 3404. Culture and Human Development.** (HDiv; 4 cr; prereq 1051)  
66366 12:00-1:40 pm  TTh  IH 112  Baldelomar  Max 30

**Psy 3504. Educational Psychology.** (4 cr; prereq 1051)  
66265 11:45-12:50 pm  MWF  IH 113  C. Stewart  Max 30

**Psy 3521. Health Psychology.** (4 cr; prereq 1051)  
66472 1:00-2:05 pm  MWF  IH 112  Michael  Max 30

**Psy 3611. History and Philosophy of Psychology.** (Hist; 4 cr; prereq 1051 or instr consent)  
68973 11:45-12:50 pm  MWF  IH 217  Meek  Max 12

**Psy 3701. Organizational Behavior.** (SS; prereq Stat 1601 or Stat 2601, jr or sr)(Same as Mgmt 3701)  
66643 10:30-11:35 am  MWF  IH 113  D. Stewart  Max 10

*Spring Semester 2018*
Psy 3800. Research Practicum. (1-12 cr [max 12 cr]; prereq instr consent; S-N only)  
Arranged  
Staff

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

Psy 4101. Helping Relationships. (4 cr; prereq 8 cr 3xxx or 4xxx Psy or Soc or Anth courses or instr consent)  
69802  10:00-11:40 am  TTh  
Hum 211  
Loehle-Conger  
Max 20

Psy 4102. Introduction to Professional Conduct Codes, Legal Constraints, and Ethics in the Human Services. (E/CR; 2 cr; prereq jr, 8 credits 3xxx or 4xxx Psy or Soc or Anth courses or instr consent)  
66087  Completely Online  
Julien  
Max 20

Psy 4301. Clinical Assessment and Therapeutic Interventions. (4 cr; prereq 3313 or 3314 or 4101)  
69803  4:00-5:40 pm  TTh  
IH 101  
Loehle-Conger  
Max 30

Psy 4896. Field Experiences in Psychology. (1-4 cr [max 4 cr]; prereq instr consent, which normally requires 4101, 4102, other courses appropriate to field experience; only 4 cr may be applied toward the BA or Psy major; S-N only)  
Arranged

Psy 4910. Advanced Seminar in Learning or Cognitive Psychology. (4 cr; prereq 2001, 3101 or 3111 or 3112, sr status, instr consent; credit will not be granted if credit has been received for Psy 4710; A-F only)  
66201  12:00-1:40 pm  TTh  
IH 203  
Peters  
Max 8

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)  
67170  2:00-3:40 pm  TTh  
IH 217  
Peters  
Max 8

66474  2:15-3:20 pm  MWF  
IH 217  
D. Stewart  
Max 8

Psy 4960. Advanced Seminar in Health Psychology. (4 cr; prereq 2001, 3521 (or 3201, 3211), sr status, instr consent; A-F only)  
66473  3:30-4:35 pm  MWF  
IH 217  
Michael  
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)
- Course Code: 66335
- Time: 10:00-11:40 am
- Days: TTh
- Location: Sci 2950
- Instructor: Gilanshah
- Max: 70

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

### Soc 2101. Systems of Oppression. (Hdiv; prereq 1101 or Anth 1111 or instr consent)
- Course Code: 66735
- Time: 10:00-11:40 am
- Days: TTh
- Location: IH 113
- Instructor: Gashaw
- Max: 30

### Soc 2201. Sociology of Food. (HDiv; 4 cr; prereq 1101 or instr consent)
- Course Code: 67172
- Time: 10:00-11:40 am
- Days: TTh
- Location: Hum 111
- Instructor: Rothchild
- Max: 30

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

### Soc 3111. Sociology of Modernization. (IP; 4 cr; prereq 1101 or Anth 1111 or instr consent)
- Course Code: 66271
- Time: 2:00-3:40 pm
- Days: TTh
- Location: IH 101
- Instructor: Gashaw
- Max: 30

### Soc 3121. Sociology of Gender and Sexuality. (HDiv; 4 cr; prereq 1101 or Anth 1111)
- Course Code: 67310
- Time: Completely Online
- Instructor: Johnson
- Max: 30

### Soc 3141. Sociology of Deviance. (E/CRC; 4 cr; prereq 1101 or instr consent)
- Course Code: 67173
- Time: 12:00-1:40 pm
- Days: TTh
- Location: IH 109
- Instructor: Rothchild
- Max: 30

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

### Soc 4991. Sociology Independent Project Seminar. (4 cr; credit will not be granted if credit has been received for: Soc 4901, 4902; prereq 3103, 3403)
- Course Code: 66254
- Time: 12:00-1:40 pm
- Days: TTh
- Location: Sci 2200
- Instructor: Gilanshah
- Max: 15

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

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<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Schedule</th>
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<td>65981</td>
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Spring Semester 2018
## SPORT STUDIES AND ATHLETICS

**SSA 1051. Fitness for Life.** (2 cr)  
- 66089 Sec 1: 11:45-12:50 pm MWF(1st half) PEC 251 P. Grove Max 25  
- 66090 Sec 2: 10:00-11:40 am TTh(2nd half) PEC 250 Molesworth Max 25

**SSA 1052. Societal Issues in Health and Wellness.** (SS; 2 cr)  
- 66091: 11:45-12:50 pm MWF(2nd half) PEC 251 Johnson, Bowman Max 25

**SSA 1101. First Aid.** (1 cr)  
- 66092: 12:00-1:40 pm TTh(2nd half) PEC 250 Pennie-Roy Max 25

**SSA 1219. Strength Training.** (1 cr [max 2 cr]; S-N only)  
- 66094: 9:15-10:20 am MWF(1st half) PEC 240 Hoffmann Max 20

**SSA 1225. Wellness Skills: R.A.D. – Basic and Advanced Self Defense.** (1 cr [max 2 cr]; S-N only)(Women only)  
- 66336: 6:00-8:00 pm Thu PEC 240/250 Velde Max 18

**SSA 1401. Varsity Baseball (Men; 0.5 cr [max 2 cr]; S-N only)**  
- 66171: 4:00-6:00 pm (2nd half) Harding

**SSA 1402. Varsity Basketball (0.5 cr [max 2 cr]; S-N only)**  
- 66070 Sec 1: Men 4:00-6:00 pm (1st half) P. Grove  
- 66172 Sec 2: Women 4:00-6:00 pm (1st half) T. Grove

**SSA 1406. Varsity Softball (Women; 0.5 cr [max 2 cr]; S-N only)**  
- 66173: 4:00-6:00 pm (2nd half) Pennie-Roy

**SSA 1407. Varsity Tennis (0.5 cr [max 2 cr]; S-N only)**  
- 66174 Sec 1: Men 4:00-6:00 pm (2nd half) Chuba  
- 66175 Sec 2: Women 4:00-6:00 pm (2nd half) Voss

**SSA 1408. Varsity Track and Field (0.5 cr [max 2 cr]; S-N only)**  
- 66176 Sec 1: Men 4:00-6:00 pm Devine  
- 66177 Sec 2: Women 4:00-6:00 pm Devine

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

**SSA 2121. Prevention and Care of Injuries.** (4 cr; prereq 2111)  
- Lec 1: 8:00-9:05 am MWF PEC 251 Bowman  
- 66117 Lab 2: 9:15-10:20 am Mon PEC 139 Bowman Max 22  
- 66118 Lab 3: 8:00-9:05 am Tue PEC 139 Bowman Max 22

**SSA 2201. Baseball Coaching.** (2 cr)  
- 66983: 9:15-10:20 am MWF (2nd half) PEC 251 Harding Max 35

**SSA 2205. Track and Field Coaching.** (2 cr)  
- 66095: 10:30-11:35 am MWF (2nd half) PEC 250 Devine Max 35

**SSA 2401. Sociological Aspects of Sports.** (SS; 2 cr)  
- 66115: 1:00-2:05 pm MWF (1st half) HFA 6 Bryant Max 25

**SSA 2402. Psychological Aspects of Sports.** (SS; 2 cr; prereq 2401)  
- 66125: 1:00-2:05 pm MWF (2nd half) PEC 250 Staff Max 25

Spring Semester 2018
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<th>Course Code</th>
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<th>Credits</th>
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<td>SSA 3101</td>
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<td>4 cr</td>
<td>[prereq 2302, Stat 1601 or Stat 2601 or instr consent]</td>
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<td>Sci 4655</td>
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<td>Planning and Programming of Athletic Facilities</td>
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<td>[prereq 3101]</td>
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<td>PEC 251</td>
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<td>SSA 4201</td>
<td>Sport Governance: Legal and Ethical Issues</td>
<td>4 cr</td>
<td>[prereq 2401, 2402, 4102; A-F only]</td>
<td>Bryant</td>
<td>12:00-1:40 pm</td>
<td>Hum 5</td>
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## STATISTICS

### Stat 1601. Introduction to Statistics. (M/SR; 4 cr; prereq high school higher algebra)
- **Sec 1**: 9:15-10:20 am MWF Sci 3610 Kim Max 40
- **Sec 2**: 11:45-12:50 pm MWF Sci 3650 Kim Max 40
- **Sec 3**: 2:15-3:20 pm MWF Sci 3610 Dolan Max 40
- **Sec 4**: 10:00-11:40 am TTh Sci 3610 Sungur Max 40

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

### Stat 2611. Mathematical Statistics. (M/SR; 4 cr; prereq Math 1101)
- **Sec 1**: 10:30-11:35 am MWF Sci 3610 Kim Max 30

### Stat 2701. Introduction to Data Science. (M/SR; 4 cr; prereq 1601 or 2601 or 2611, CSci 1201 or CSci 1301 or CSci 1251 or instr consent; credit will not be granted if credit has been received for: CSci 2701) (Same as CSci 2701)
- **Sec 1**: 4:45-5:50 pm MWF Sci 3650 Dolan Max 15

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

### Stat 3611. Multivariate Statistical Analysis. (M/SR; 4 cr; prereq 1601 or 2601 or 2611 or instr consent)
- **Sec 1**: 2:00-3:40 pm TTh Sci 3550 Sungur Max 20

### Stat 3901. Statistical Communication. (2 cr; prereq stat major, jr or sr status or instr consent)
- **Sec 1**: 4:00-6:00 pm Tue Sci 3610 Anderson Max 20

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

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

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T HEATRE ARTS

**Th 1040. Backstage on Broadway.** (1 cr [max 4 cr]; S-N only; prereq instr consent)
68633 03/12/2016 to 03/16/2016 M-F Bremer

**Th 1060. Production Experience.** (1 cr [max 8 cr]; prereq instr consent; S-N only)
65988 Sec 1 Arranged Bremer
66487 Sec 2 Arranged Bremer

**Th 1070. Performance Experience.** (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
65989 Sec 1 Arranged Bremer
66488 Sec 2 Arranged Bremer

**Th 1102. Acting for the Non-Major.** (ArtP; 4 cr)
69152 10:30-11:35 am MWF HFA 125 Schultz Max 14

**Th 1111. Fundamentals of Acting.** (ArtP; 4 cr; prereq 1101, theatre arts major or minor or instr consent)
66110 10:00-11:40 am TTh HFA 125 Bremer Max 15

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

**Th 2201. Voice and Movement.** (ArtP; 4 cr; prereq 1111, theatre arts major or minor or instr consent)
66746 2:00-3:40 pm TTh HFA 125 Bremer Max 10

**Th 2301. Stagecraft.** (ArtP; 4 cr; 3 hrs lect, 3 hrs practicum)
65990 1:00-2:05 pm MWF HFA 120 Granholm Max 25

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

**Th 3102. World Theatre: History and Literature II.** (FA; 4 cr)
66359 2:15-3:20 pm MWF Sci 1020 Schultz Max 20

**Th 3201. Advanced Acting.** (Art/P; 4 cr; prereq 1101, 1111, 2101)
66745 12:00-1:40 pm TTh HFA 125 Schultz Max 20

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

**Th 4301. Scenic Design.** (FA; 4 cr; prereq 1301, 2301)
66744 11:45-12:50 pm MWF HFA 26 Granholm Max 12

**Th 4901. Senior Project.** (2-4 cr [max 4 cr]; prereq theatre arts major, instr consent)
65991 Arranged Bremer

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

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