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SPRING 2018 Schedule 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)
- **Code:** 66589
- **Time:** 9:15-10:20 am
- **Days:** 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:** 8:00-9:05 am
- **Location:** IH 109
- **Instructor:** Dean
- **Lab 2:** 1:00-2:30 pm
- **Location:** IH 3
- **Instructor:** Beaver
- **Max:** 15
- **Lab 3:** 8:00-9:30 am
- **Location:** IH 3
- **Instructor:** Beaver
- **Max:** 15
- **Lab 4:** 10:30-12:00 pm
- **Location:** IH 3
- **Instructor:** Beaver
- **Max:** 15
- **Lab 5:** 12:00-1:30 pm
- **Location:** IH 3
- **Instructor:** Beaver
- **Max:** 15

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

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

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

### Anth 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
- **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)
- **Code:** 66084
- **Time:** 10:00-10:50 am
- **Days:** TTh
- **Location:** IH 101
- **Instructor:** Ortiz
- **Max:** 30

### Anth 3002. Theory in Archaeology and Biological Anthropology. (2 cr; prereq 2001 or 2002)
- **Code:** 66592
- **Time:** 11:00-11:50 am
- **Days:** 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)
- **Code:** 69004
- **Time:** 12:00-1:40 pm
- **Days:** 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)
- **Code:** 66695
- **Time:** 8:00-9:40 am
- **Days:** TTh
- **Location:** IH 113
- **Instructor:** Whalen
- **Max:** 15

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

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

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

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ART HISTORY

ArtH 1101. Interpreting the Visual World: An Introduction to Art History. (FA; 4 cr)
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

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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Spring Semester 2018
# 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)

<table>
<thead>
<tr>
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<tr>
<td>66357</td>
<td>9:00-12:00 pm</td>
<td>TTh</td>
<td>HFA 15</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)

<table>
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<th>Course Code</th>
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<tr>
<td>66518</td>
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<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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<th>Location</th>
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<tr>
<td>65919</td>
<td>9:15-11:15 am</td>
<td>MW</td>
<td>HFA 130</td>
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<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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<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>65920</td>
<td>11:30-1:00 pm</td>
<td>Wed</td>
<td>HFA 2</td>
<td>Larson</td>
<td>Max 16</td>
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</table>

**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)

<table>
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<tr>
<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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<th>Days</th>
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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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<td>Wed</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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<th>Location</th>
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<tr>
<td>66160</td>
<td>1:00-4:00 pm</td>
<td>TTh</td>
<td>HFA 15</td>
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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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<th>Max</th>
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<tbody>
<tr>
<td>66131</td>
<td>9:00-11:30 am</td>
<td>MW</td>
<td>HFA 135</td>
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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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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
<td>66132</td>
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<td>MW</td>
<td>HFA 145</td>
<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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<tr>
<td>66327</td>
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<td>HFA 26</td>
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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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<td>66200</td>
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<td>HFA 2</td>
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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*
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
<th>Section Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max Capacity</th>
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<tbody>
<tr>
<td>66149</td>
<td><strong>Biol 1002. Human Nutrition.</strong> (Sci; 3 cr; no elective cr for biol majors or minors)</td>
<td>3</td>
<td></td>
<td></td>
<td>8:50-9:55 am</td>
<td>TTh</td>
<td>Sci 2200</td>
<td>Hardy</td>
<td>15</td>
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<tr>
<td>66161 Sec 1</td>
<td><strong>Biol 1111. Fundamentals of Genetics, Evolution, and Development.</strong> (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)</td>
<td>3</td>
<td></td>
<td></td>
<td>10:00-11:15 am</td>
<td>TTh</td>
<td>Sci 3650</td>
<td>Myers</td>
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<tr>
<td>66325 Sec 2</td>
<td></td>
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<td></td>
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<td>1:00-1:50 pm</td>
<td>MWF</td>
<td>Sci 3610</td>
<td>Dolence</td>
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<tr>
<td>66193</td>
<td><strong>Biol 2101. Evolution of Biodiversity.</strong> (Sci-L; 4 cr; prereq C- or better in 1101 or 1111 or instr consent)</td>
<td>4</td>
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<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 2190</td>
<td>Waye</td>
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<tr>
<td>66162 Sec 1</td>
<td><strong>Biol 2103. Introduction to Human Physiology.</strong> (Sci; 4 cr; prereq 2102 or SSA 2102 or instr consent; no elective cr for biol majors or minors)</td>
<td>4</td>
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<td>2:15-3:05 pm</td>
<td>Wed</td>
<td>Sci 2200</td>
<td>Kuchenreuther</td>
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<tr>
<td>66103 Sec 1</td>
<td><strong>Biol 3700. Biological Communication I.</strong> (1 cr; prereq Biol 2101, 2111)</td>
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<tr>
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Spring Semester 2018
Biol 4121. Herpetology. (4 cr; prereq Biol 2101 or EnSt 2101 or instr consent)
Lec 1 9:15-10:20 am  MW  Sci 2185  Waye
66604 Lab 2 2:15-5:15 pm  Mon  Sci 3160  Waye  Max 12
66605 Lab 3 2:00-5:00 pm  Tue  Sci 3160  Waye  Max 12

Biol 4161. Evolution. (4 cr; prereq 2101, 2111 or instr consent)
67194 2:15-3:20 pm  MWF  Sci 2190  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 10:30-11:35 am  MWF  Sci 2185  Loberg  Max 24

Biol 4312. Genetics. (4 cr; prereq 2111 or instr consent)
Lec 1 11:45-12:50 pm  MW  Sci 1020  Des Lauriers
66212 Lab 2 2:00-5:00 pm  Tue  Sci 3180  Des Lauriers  Max 18
66213 Lab 3 2:00-5:00 pm  Thu  Sci 3180  Des Lauriers  Max 18

Biol 4351. Conservation Biology. (4 cr; prereq Biol 2101 or EnSt 2101, Biol 3131 or instr consent)
Lec 1 1:00-2:05 pm  MW  Sci 2200  Kuchenreuther
66607 Lab 2 2:00-5:00 pm  Tue  Sci 3665  Kuchenreuther tentative
67193 Lab 3 2:00-5:00 pm  Thu  Sci 2185  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 12:00-1:05 pm  Tue  Sci 1020  Kuchenreuther
Sec 2 5:00-6:05 pm  Thu  Sci 1020  Kuchenreuther
Sec 3 5:00-6:05 pm  Tue  Sci 1020  Kuchenreuther

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

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CHEMISTRY

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

Lec 1     8:00-9:05 am  MWF     Sci 2950    Goodnough
66180 Lab 2  2:15-5:15 pm  Mon     Sci 3175    Seeger     Max 8
66098 Lab 3  8:00-11:00 am  Tue     Sci 3175    K. Nell    Max 8
66099 Lab 4  12:00-3:00 pm  Tue     Sci 3175    Alia      Max 8
66100 Lab 5  4:00-7:00 pm  Tue     Sci 3175    K. Nell    Max 8
66101 Lab 6  2:15-5:15 pm  Wed     Sci 3175    B. Nell    Max 8
66189 Lab 7  8:00-11:00 am  Thu     Sci 3175    K. Boyd   Max 8
66214 Lab 8  12:00-3:00 pm  Thu     Sci 3175    Seeger   Max 8
66322 Lab 9  4:00-7:00 pm  Thu     Sci 3175    B. Nell   Max 8

Lab 11     9:15-10:20 am  MWF     Sci 2950    K. Boyd
66284 Lab 12  2:15-5:15 pm  Mon     Sci 3175    Seeger    Max 8
66285 Lab 13  8:00-11:00 am  Tue     Sci 3175    K. Nell    Max 8
66286 Lab 14  12:00-3:00 pm  Tue     Sci 3175    Alia      Max 8
66287 Lab 15  4:00-7:00 pm  Tue     Sci 3175    K. Nell    Max 8
66288 Lab 16  2:15-5:15 pm  Wed     Sci 3175    B. Nell    Max 8
66289 Lab 17  8:00-11:00 am  Thu     Sci 3175    K. Boyd   Max 8
66290 Lab 18  12:00-3:00 pm  Thu     Sci 3175    Seeger   Max 8
66323 Lab 19  4:00-7:00 pm  Thu     Sci 3175    B. Nell   Max 8

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)
65877  9:15-10:20 am  MWF     Sci 3650    Carpenter     Max 30

Chem 2304. Organic Chemistry II with a Biological Emphasis. (Sci; 4 cr; C or better in 2301, Biol 2111 or instr consent)
66608  1:00-2:05 pm  MWF     Sci 3650    Soderberg     Max 30

Chem 2321. Introduction to Research I. (1 cr; prereq 2311, coreq 2302 or 2304 or instr consent)
65878 Lab 1  2:15-5:15 pm  MW (1st half)     Sci 3135    Pirinelli, Carpenter Max 8
65879 Lab 2  12:00-3:00 pm  TTh (1st half)     Sci 3135    Pirinelli, Carpenter Max 8

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.
Lab 1     2:15-5:15 pm  MW (2nd half)     Sci 3135
Lab 12    12:00-3:00 pm  TTh (2nd half)     Sci 3135

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)
65880  1:00-2:05 pm  MWF     Sci 4655    Alia     Max 30

Chem 3511. Physical Chemistry Lab. (1 cr; coreq 3502)
66069  2:15-5:15 pm  Mon + arr     Sci 3130    Alia     Max 12

Spring Semester 2018
Chem 3901. Chemistry Seminar I. (0.5 cr; prereq 2321; required of all chem majors; may not count toward chem minor; A-F only)
66147 4:00-5:50 pm Tue Sci 2200 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 TTh Sci 4655 Goodnough
66611 Lab 2 10:15-11:45 TTh + arr Sci 3040 Goodnough Max 8

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

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

Chem 4551. Theoretical Chemistry. (4 cr; prereq or coreq 3502 or instr consent)
68907 9:20-10:10 am Mon Sci 3655 Alia Max 10
4:00-6:30 pm Thu Sci 3550

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

Chem 4711. Inorganic Chemistry Lab. (1 cr; prereq 2322, coreq 4701 or instr consent)
66613 12:00-3:00 pm Tue Sci 3130 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)
66150 4:00-5:00 pm Tue Sci 1020 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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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Time</th>
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<td>Chn 1001</td>
<td>Beginning Modern Chinese I.</td>
<td>4</td>
<td>1001 or instr consent</td>
<td>10:00-11:40</td>
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<td>Sci 3665</td>
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<td>Chn 2001</td>
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<td>1002 or placement or instr consent</td>
<td>9:15-10:20</td>
<td>MWF</td>
<td>Hum 211</td>
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<td>Chn 2002</td>
<td>Intermediate Chinese II.</td>
<td>4</td>
<td>2001 or placement or instr consent</td>
<td>8:00-9:40</td>
<td>TTh</td>
<td>Hum 12</td>
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**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
10:00-10:50 am Thu 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

Dnec 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

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

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

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

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

Dnec 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 10:00-2:05 pm MWF (1st half) IH 101 Brown Max 30

**Econ 4112. Mathematical Economics II.** (2 cr; prereq 3201, 3202 or instr consent)
67271 10:00-2:05 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

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

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<th>Section</th>
<th>Time</th>
<th>Day</th>
<th>Location</th>
<th>Instructor</th>
<th>Maximum</th>
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<td>66635</td>
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<td>Panda</td>
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<td>66636</td>
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<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 Max 36

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 Edu 102 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) Edu 102 Jepma
Sec 3 1:00-3:00 pm M-F (2nd half) Edu 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)

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<td>66229</td>
<td>8:00-9:40 am</td>
<td>Tue</td>
<td>Edu 106</td>
<td>Lam</td>
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**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)

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<td>66230</td>
<td>2:15-4:35 pm</td>
<td>Mon + weekly online work</td>
<td>Edu 102</td>
<td>Sloan</td>
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**ElEd 3204. Advanced Childhood and Adolescent Development.** (2 cr; prereq 3101, 3102, 3103, 3111; A-F only)

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<td>66356</td>
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<td>TTh</td>
<td>MRC 205</td>
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**ElEd 3211. Practicum II: Field Experience in a Preprimary Setting.** (1 cr; prereq 3101, 3102, 3103, 3111; S-N only)

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**ElEd 3212. Practicum II: Field Experience in a Middle Level Setting.** (1 cr; prereq 3101, 3102, 3103, 3111; S-N only)

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**ElEd 3213. Practicum II: Field Experience in a K-6 Setting.** (1 cr; prereq 3101, 3102, 3103, 3111; S-N only)

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

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**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)

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**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)

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**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)

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<td>66520 Sec 501</td>
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**ElEd 4206. Directed Student Teaching in Preprimary Classroom.** (HDiv; 4 cr; prereq 3201, 3203, 3211; S-N only; special fee required)

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**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)

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

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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

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

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>
<tr>
<th>Course</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
<td></td>
<td>Sec 1</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>HFA 18</td>
<td>Kildegaard</td>
<td>Max 18</td>
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<tr>
<td></td>
<td>Sec 2</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Hum 5</td>
<td>Gercken</td>
<td>Max 18</td>
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<td></td>
<td>Sec 3</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
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<td>Kildegaard</td>
<td>Max 18</td>
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<td>Sec 4</td>
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<td>Hum 11</td>
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<td>1:00-2:05 pm</td>
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<td>HFA 18</td>
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<td>Hum 205</td>
<td>Hume</td>
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<td>Sec 7</td>
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<td>MWF</td>
<td>Hum 111</td>
<td>Johnson</td>
<td>Max 18</td>
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<tr>
<td></td>
<td>Sec 8</td>
<td>8:00-9:40 am</td>
<td>TTh</td>
<td>IH 114</td>
<td>Kolaya</td>
<td>Max 18</td>
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<td></td>
<td>Sec 9</td>
<td>10:00-11:40 am</td>
<td>TTh</td>
<td>Hum 11</td>
<td>Turk</td>
<td>Max 18</td>
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<td></td>
<td>Sec 10</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>IH 101</td>
<td>Wenzel</td>
<td>Max 18</td>
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*Sec 20 * | 9:15-10:20 am | MWF | HFA 18 | Pederson | Max 18 |
| *Sec 21* | 11:45-12:50 pm| MWF | Hum 5  | Robinson  | Max 18 |
| *Sec 22* | 2:15-3:20 pm  | MWF | Hum 5  | Robinson  | Max 18 |

**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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**Engl 2015. Introduction to Film Studies.** (Hum; 4 cr; prereq 1601 (or 1011) or equiv or declared English major)

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<td>4:00-5:40 pm</td>
<td>Thu</td>
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<td>D. Ericksen</td>
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<td>4:00-7:00 pm</td>
<td>Tue</td>
<td>HFA 6</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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<tr>
<td></td>
<td>12:00-1:40 pm</td>
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<td>IH 114</td>
<td>Kolaya</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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<th>Max</th>
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**Engl 2062. Families in Wartime: Literary and Filmic Representations.** (Hum; 4 cr; prereq 1601)

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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<td>2:00-3:40 pm</td>
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**Engl 2108. Writing with Style.** (2 cr; prereq 1601)

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<td>1:00-1:50 pm</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>MW</td>
<td>Hum 111</td>
<td>Johnson</td>
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**Engl 2202. Survey of British Literature from the 18th Century.** (Hum; 4 cr)

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<th>Instructor</th>
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<td>9:15-10:20 am</td>
<td>MW</td>
<td>Hum 111</td>
<td>Deane</td>
<td>Max 25</td>
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**Engl 2501. Literary Studies.** (Hum; 4 cr; prereq 1601 (or 1011) or equiv; credit will not be granted if credit has been received for: Engl 1131)

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<th>Max</th>
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<td>8:00-9:05 am</td>
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<td>1:00-2:05 pm</td>
<td>MW</td>
<td>Hum 111</td>
<td>Hume</td>
<td>Max 20</td>
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**Engl 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

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

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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## ENVIRONMENTAL STUDIES

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max Capacity</th>
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<tr>
<td>EnSt 1101</td>
<td>Environmental Problems and Policy. (Envt; 4 cr)</td>
<td>4</td>
<td>10:00-11:40 am</td>
<td>TTh</td>
<td>HFA 6</td>
<td>Loo</td>
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<td>EnSt 3201</td>
<td>Environmental Justice. (E/CR; 4 cr; prereq 4 cr of EnSt or instr consent)</td>
<td>4</td>
<td>11:45-12:50 pm</td>
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<td>Sci 1030</td>
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<tr>
<td>EnSt 4901</td>
<td>Senior Capstone Experience. (4 cr; prereq 3989 or 3996, sr status or instr consent; A-F only)</td>
<td>4</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)
- **65925** Sec 1: 10:30-11:35 am | MWF | Hum 205 | Buchanan | Max 25
- **66202** Sec 2: 1:00-2:05 pm | MWF | Hum 11 | Buchanan | Max 25

**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)
- **65926**: 2:00-3:40 pm | TTh | Hum 111 | Bevevino | Max 25

**Fren 2014. Explorations in Cultures.** (1 cr [max 2 cr]; prereq 1002 or instr consent)
- **66683**: 3:30-4:35 pm | MWF (2nd half) | Hum 11 | T. Berberi | Max 15

**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)
- **66684**: 2:15-3:20 pm | MWF (1st half) | Hum 11 | Buchanan | Max 15

**Fren 3011. Introduction to French and Francophone Literature.** (Hum; 4 cr; prereq 4 cr of 3002 or 3003 or 3004 or instr consent)
- **66682**: 9:15-10:20 am | MWF | Hum 12 | Bevevino | Max 15

**Fren 3507. Modern Studies: French for Sustainability.** (Envt; 2 cr; prereq (or coreq) 3003, 3011 or instr consent)
- **69002**: 10:00-11:40 am | TTh (1st half) | Hum 12 | T. Berberi | Max 15

**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)
- **66685**: 6:00-6:50 pm | MW | Hum 205 | Buchanan | Max 10

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

*Spring Semester 2018*
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)

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<td>Sci 2950</td>
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**Geol 1101. Physical Geology.** (Sci-L; 4 cr)

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<tr>
<td>65887</td>
<td>2:00-5:00 pm</td>
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<td>Sci 1650</td>
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**Geol 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

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

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<td>66688</td>
<td>2:00-5:00 pm</td>
<td>Tue</td>
<td>Sci 1510</td>
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**Geol 2141. Glacial and Quaternary Geology.** (Sci; 4 cr; prereq 1101)

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<td>66244</td>
<td>9:15-10:20 am</td>
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<td>66245</td>
<td>2:15-3:15 pm</td>
<td>Wed</td>
<td>Sci 2530</td>
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**Geol 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

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**Geol 3101. Structural Geology.** (Sci-L; 4 cr; prereq 2111, Math 1021 or Math 1101 or instr consent)

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

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

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

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<th>Time</th>
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<th>Location</th>
<th>Instructor</th>
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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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## HISTORY

**Hist 1111. Introduction to World History.** (Hist; 4 cr)  
66512 8:00-9:40 am  TTh  IH 109  Bruce  Max 40

**Hist 1113. Introduction to African History since 1880.** (Hist; 4 cr)  
66528 10:30-11:35 am  MWF  IH 112  James  Max 25

**Hist 1301. Introduction to U.S. History.** (Hist; 4 cr)  
66690 9:15-10:20 am  MWF  HFA 6  Gross  Max 40  
67511  Completely Online  Cheyne  Max 30

**Hist 1601. Latin American History: A Basic Introduction.** (IP; 4 cr)  
66266 3:30-5:10 pm  MW  IH 112  Narvaez  Max 40

**Hist 2003. Public History.** (Hist; 2 cr)  
66380 3:30-5:10 pm  Wed  Lib 420  Gross  Max 16

**Hist 2251. American Indians and the United States.** (Hdiv; 4 cr)  
66374 10:00-11:40 am  TTh  IH 111  Whalen  Max 30

**Hist 2312. History of South Africa to 1976.** (Hist; 4 cr)  
66691 9:15-10:20 am  MWF  HFA 6  Gross  Max 40

**Hist 2451. The American West.** (Hist; 4 cr)  
68943 2:00-3:40 pm  TTh  Hum 205  Jurss  Max 25

**Hist 2551. Modern Japan.** (Hist; 4 cr)  
66692 11:45-12:50 pm  MWF  Hum 205  Staff  Max 25

**Hist 3181. The Study of History.** (Hist; 4 cr; no credit for students who have received credit for Hist 2001; prereq instr consent)  
68402 2:00-3:40 pm  TTh  IH 203  Bruce  Max 15

**Hist 3207. The Crusades.** (IP; 4 cr)  
66445 1:00-2:05 pm  MWF  IH 114  Deane  Max 25

**Hist 3213. Modern Britain.** (Hist; 4 cr)  
66697 2:00-3:40 pm  TTh  IH 203  Bruce  Max 15

**Hist 3402. Representations from the Field: American Indian Ethnography and Ethnohistory.** (Hdiv; 4 cr)(Meets w/Anth 3402)  
66694 8:00-9:40 am  TTh  IH 113  Whalen  Max 15

**Hist 3612. Social Revolution in 20th-Century Latin America.** (Hist; 4 cr)  
66696 12:00-1:40 pm  TTh  IH 217  Narvaez  Max 15

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

**Hist 4501. Senior Research Seminar in History.** (4 cr; prereq 3181, instr consent; A-F only)  
66245 4:00-6:00 pm  Wed  IH 203  Deane  Max 15

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

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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) 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) Arranged Peters

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HUMANITIES

Hum 1305. Career Preparation in World Languages. (1 cr)
66370 10:00-10:50 am TTh (2nd half) Hum 12 V. 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.]

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  Mcephee  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
Arranged
IS 3893. Prior Learning Directed Study. (1-4 cr [max 10 cr]; prereq approved directed study form)  
Arranged

IS 3896. Prior Learning Internship. (1-16 cr [max 32 cr]; prereq approved Internship Form; S-N only)  
Arranged

IS 3991H. Honors Co-Curricular Independent Study. (1-2 cr [max 2 cr]; prereq approved co-curricular honors independent study form; A-F only)  
Arranged

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

IS 3996. Interdisciplinary Internship. (1-16 cr [max 32 cr]; prereq approved Internship Form; S-N only)  
Arranged

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

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

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## ITALIAN

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**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

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**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

**Lang 1065. Grammar in Context.** (1 cr; prereq instr consent; S-N only)

| 71015 Sec 1 | 6:00-7:00 pm | Wed | IH 11 | Robinson | Max 20 |
| 71016 Sec 2 | 6:00-7:00 pm | Wed | Sci 2530 | Robinson | Max 20 |

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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  6:30-8:30 pm  Wed  IH 203  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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Spring Semester 2018
### 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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**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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**Mgmt 3133. Managerial Accounting.** (4 cr; prereq 2102)
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**Mgmt 3141. Business Law: The Legal Environment of Business.** (2 cr; prereq 2101 or instr consent)
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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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**Mgmt 3601. Transnational Enterprise.** (IP; 4 cr; prereq 2101, Econ 1111, Econ 1112 or instr consent)
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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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**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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**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
     12:00-1:00 pm   Thu
65893 Sec 2   10:30-11:35 am   MWF   Sci 3510   Roberts   Max 35
     10:00-11:40 am   Thu

Math 1102. Calculus II. (M/SR; 5 cr; prereq 1101)
65894 Sec 1   9:15-10:20 am   MWF   Sci 3510   Chasman   Max 35
     8:00-9:40 am   Tue
65895 Sec 2   1:00-2:05 pm   MWF   Sci 3510   Atkinson   Max 35
     12:00-1:40 pm   Tue

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
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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<td>Mus 1300</td>
<td>UMM Symphonic Winds</td>
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<td>Mus 1301</td>
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<td>Mus 1310</td>
<td>University Choir</td>
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**Spring Semester 2018**
### Spring Semester 2018

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<tr>
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<tr>
<td>Mus 1320</td>
<td>Concert Choir</td>
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<td>M-Th 5:00-6:15 pm</td>
<td>HFA 170</td>
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<td>Mus 1330</td>
<td>Jazz Ensemble</td>
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<td>M-Th 2:15-3:20 pm</td>
<td>HFA 180</td>
<td>Campbell</td>
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<tr>
<td>Mus 1331</td>
<td>Brass Ensemble</td>
<td>1</td>
<td>8</td>
<td>T-Th 5:00-5:50 pm</td>
<td>HFA 180</td>
<td>Tillier</td>
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<td>Mus 1350</td>
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<td>Mus 1351</td>
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<tr>
<td>Mus 1352</td>
<td>Wind/Brass Ensembles: Community Membership</td>
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<td>MWF 3:30-5:20 pm</td>
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<tr>
<td>Mus 1353</td>
<td>Orchestra: Community Membership</td>
<td>0</td>
<td>20</td>
<td>MWF 6:30-8:00 pm</td>
<td>HFA 170</td>
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<tr>
<td>Mus 1370</td>
<td>Chamber Orchestra</td>
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<td>8</td>
<td>6:30-8:00 MW</td>
<td>HFA 170</td>
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<td>Mus 1411</td>
<td>Vocal Performance Workshop</td>
<td>1</td>
<td>8</td>
<td>T-Th 10:00-11:40</td>
<td>HFA 170</td>
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<td>Mus 2045</td>
<td>Intermediate Class Guitar</td>
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<td>15</td>
<td>Tue 3:30-4:30</td>
<td>HFA 170</td>
<td>Flegel</td>
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<td>Mus 2102</td>
<td>Core Studies II: Music Theory IV</td>
<td>2</td>
<td>15</td>
<td>MWF 12:00-12:50</td>
<td>HFA 185</td>
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<td>Mus 2112</td>
<td>Functional Keyboard for the Music Major IV</td>
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<td>12</td>
<td>T-Th 3:00-3:50</td>
<td>HFA 175</td>
<td>DuHamel</td>
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<tr>
<td>Mus 2302</td>
<td>Instrumental Techniques – Brass</td>
<td>1</td>
<td>30</td>
<td>MWF 9:15-10:20</td>
<td>HFA 180</td>
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<td>Mus 2304</td>
<td>Vocal Techniques</td>
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<td>30</td>
<td>MWF 9:15-10:20</td>
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<td>Mus 2403</td>
<td>Survey of Choral Literature</td>
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<td>T-Th 12:00-12:50</td>
<td>HFA 185</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>T-Th 11:45-12:35</td>
<td>HFA 175</td>
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<td>Mus 3051</td>
<td>Piano Pedagogy I</td>
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<td>30</td>
<td>Tue 4:00-5:00</td>
<td>HFA 185</td>
<td>DuHamel</td>
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<tr>
<td>Mus 3102</td>
<td>Core Studies III: Classical, Romantic, and 20th-Century Music</td>
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<td>MWF 10:30-11:35</td>
<td>HFA 185</td>
<td>D. Odello</td>
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*Last Update on: 1/16/2018*
**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)

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<tr>
<td>Mus 3200. Piano</td>
<td>65959</td>
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<td>Mus 3201. Piano Accompanying</td>
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<td>Mus 3202. Organ</td>
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<td>Mus 3203. Harpsichord</td>
<td>65961</td>
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<td>Mus 3204. Voice</td>
<td>65962</td>
<td>A. Miller</td>
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<td>Mus 3205. Violin</td>
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<td>Mus 3206. Viola</td>
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<td>Mus 3207. Cello</td>
<td>65965</td>
<td>Schlemmer</td>
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<td>Mus 3208. Double Bass</td>
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<td>Schlemmer</td>
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<td>Mus 3209. Flute</td>
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<td>DeVoll</td>
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<td>Mus 3210. Oboe</td>
<td>65968</td>
<td>Bushman</td>
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<td>Mus 3211. Clarinet</td>
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<td>Mus 3212. Saxophone</td>
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<td>Mus 3213. Saxophone</td>
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<td>Mus 3214. Trumpet</td>
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<td>Mus 3215. French Horn</td>
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<td>Mus 3216. Trombone</td>
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<td>Mus 3217. Euphonium</td>
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<td>Mus 3218. Tuba</td>
<td>65976</td>
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<td>Mus 3219. Percussion</td>
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<td>Mus 3222. Electric Bass</td>
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<td>Mus 3223. Composition</td>
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<td>Campbell</td>
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<td>Mus 3224. Improvisation (pending approval)</td>
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**Mus 3331. Choral Conducting and Materials.** (2 cr; prereq 3311, major or minor or instr consent)

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<tr>
<td>Mus 3331. Choral Conducting and Materials</td>
<td>66708</td>
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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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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

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Lecture Times</th>
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<td>Phys 1092</td>
<td>Principles of Physics II. (Sci-L; 5 cr; prereq 1091)</td>
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<td>Sci 1030</td>
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<td>Lab 2: 8:00-10:00 am</td>
<td>Sci 4550</td>
<td>Korth</td>
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<td>General Physics I. (Sci-L; 5 cr; prereq Math 1101 or instr consent)</td>
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<td>1101, Math 2401</td>
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<td>Sci 3655</td>
<td>McIntosh</td>
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<td>Lab 2: 2:00-5:00 pm</td>
<td>Sci 4650</td>
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<td>Solid State Physics. (2 cr; prereq 2101, Math 2101)</td>
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<td>2101, Math 2101</td>
<td>66721: 1:15-2:05 pm</td>
<td>Sci 3655</td>
<td>Boyd</td>
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<td>Optics. (4 cr; prereq 1102)</td>
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<td>Sci 3655</td>
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<td>Quantum Mechanics. (4 cr; prereq 2101, Math 2101)</td>
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<td>2101, Math 2101</td>
<td>66251: 3:30-4:35 pm</td>
<td>Sci 3665</td>
<td>Korth</td>
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<td>1-5 (Max 10)</td>
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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

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

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

Ps 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

Ps 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

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

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

Ps 3112. Cognition. (4 cr; prereq 2001 or instr consent)
66001 1:00-2:05 pm MWF  IH 113  Johnson  Max 24

Ps 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

Ps 3261. Human Sexuality. (4 cr; prereq 1051, 2001)
66344 4:00-5:40 pm TTh  IH 217  Holst  Max 15

Ps 3313. Psychopathology. (4 cr; prereq 1051 or instr consent)
66729 Completely Online  Holst  Max 30

Ps 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

Ps 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

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

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

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

Ps 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

Ps 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

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<table>
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<th>Course Title</th>
<th>Credits</th>
<th>Pre-requisites</th>
<th>Schedule</th>
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<th>Instructor</th>
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<tr>
<td>Psy 3800</td>
<td>Research Practicum. (1-12 cr [max 12 cr]; prereq instr consent; S-N only) Arranged</td>
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<td>Psy 3993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form) Arranged</td>
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<tr>
<td>Psy 4101</td>
<td>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</td>
<td>4</td>
<td>3xxx or 4xxx Psy or Soc or Anth courses or instr consent</td>
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<td></td>
<td>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</td>
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<tr>
<td>Psy 4301</td>
<td>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</td>
<td>4</td>
<td>3313 or 3314 or 4101</td>
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<tr>
<td>Psy 4896</td>
<td>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</td>
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<tr>
<td>Psy 4910</td>
<td>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 C. Stewart Max 8</td>
<td>4</td>
<td>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</td>
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<tr>
<td>Psy 4930</td>
<td>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</td>
<td>4</td>
<td>2001, 3302 or 3313 or 3314, sr status, instr consent; A-F only</td>
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<tr>
<td>Psy 4960</td>
<td>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</td>
<td>4</td>
<td>2001, 3521 (or 3201, 3211), sr status, instr consent; A-F only</td>
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<tr>
<td>Psy 4993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form) Arranged</td>
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SOCIOLOGY

Soc 1101. Introductory Sociology. (SS; 4 cr)
66335  10:00-11:40 am    TTh    Sci 2950    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)
66735  10:00-11:40 am    TTh    IH 113    Gashaw    Max 30

Soc 2201. Sociology of Food. (HDiv; 4 cr; prereq 1101 or instr consent
67172  10:00-11:40 am    TTh    Hum 111    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)
66271  2:00-3:40 pm    TTh    IH 101    Gashaw    Max 30

Soc 3121. Sociology of Gender and Sexuality. (HDiv; 4 cr; prereq 1101 or Anth 1111)
67310  Completely Online    Johnson     Max 30

Soc 3141. Sociology of Deviance. (E/CR; 4 cr; prereq 1101 or instr consent)
67173  12:00-1:40 pm    TTh    IH 109    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)
66254  12:00-1:40 pm    TTh    Sci 2200    Gilanshah    Max 15

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

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Spring Semester 2018
## SPANISH

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>65980 Sec 1</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>IH 114</td>
<td>Genova</td>
<td>25</td>
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<tr>
<td>65981 Sec 2</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Hum 211</td>
<td>Roberts</td>
<td>25</td>
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<tr>
<td>65982 Sec 3</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Hum 211</td>
<td>Genova</td>
<td>25</td>
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<tr>
<td>66580 Sec 4</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Hum 211</td>
<td>Roberts</td>
<td>25</td>
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**Span 1003. Accelerated Beginning Spanish.** (FL; 4 cr; prereq placement or instr consent)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>66315</td>
<td>2:00-3:40 pm</td>
<td>TTh</td>
<td>Hum 5</td>
<td>Thond</td>
<td>20</td>
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**Span 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Span 2002. Intermediate Spanish II.** (IP; 4 cr; prereq 2001 or instr consent)

<table>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>65983 Sec 1</td>
<td>10:00-11:40 am</td>
<td>TTh</td>
<td>Hum 5</td>
<td>Thond</td>
<td>20</td>
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<tr>
<td>65984 Sec 2</td>
<td>12:00-1:40 pm</td>
<td>TTh</td>
<td>Hum 11</td>
<td>Thond</td>
<td>20</td>
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**Span 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Span 3012. Spanish Grammar in Practice.** (IP; 2 cr; prereq 3011 or instr consent)

<table>
<thead>
<tr>
<th>Section</th>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>66255 Sec 1</td>
<td>10:00-11:40 am</td>
<td>TTh (1st half)</td>
<td>IH 202</td>
<td>Coon</td>
<td>15</td>
</tr>
<tr>
<td>66256 Sec 2</td>
<td>12:00-1:40 pm</td>
<td>TTh (1st half)</td>
<td>Hum 12</td>
<td>Coon</td>
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**Span 3112. Readings in Spanish II.** (Hum; 2 cr; prereq 3012, 3111 or instr consent)

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<th>Section</th>
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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>66257 Sec 1</td>
<td>10:00-11:40 am</td>
<td>TTh (2nd half)</td>
<td>IH 202</td>
<td>Wojtaszek</td>
<td>15</td>
</tr>
<tr>
<td>66258 Sec 2</td>
<td>12:00-1:40 pm</td>
<td>TTh (2nd half)</td>
<td>Hum 12</td>
<td>Wojtaszek</td>
<td>15</td>
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**Span 3212. Literature and Culture of Spain.** (Hum; 4 cr; prereq 3012, 3112, or instr consent)

<table>
<thead>
<tr>
<th>Section</th>
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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>66316</td>
<td>2:00-3:40 pm</td>
<td>TTh</td>
<td>IH 202</td>
<td>Wojtaszek</td>
<td>15</td>
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**Span 3685. Seminar: Slavery and Abolition in Cuban Literature and Culture.** (IP; 4 cr; prereq 3012, 3112 or instr consent)

<table>
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<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>67168</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Hum 11</td>
<td>Genova</td>
<td>15</td>
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**Span 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Span 4001. Research Symposium.** (Hum; 4 cr; prereq instr consent; A-F only)

<table>
<thead>
<tr>
<th>Section</th>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>66152</td>
<td>4:00-5:40 pm</td>
<td>TTh</td>
<td>IH 202</td>
<td>Coon</td>
<td>12</td>
</tr>
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</table>

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

Arranged

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SPORT STUDIES AND ATHLETICS

SSA 1051. Fitness for Life. (2 cr)
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 (1st half)  PEC 250  Molesworth  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 8:00-9:05 am  MWF  PEC 251  Bowman  Max 22
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
SSA 2993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

SSA 3101. Sport Industry Analysis. (SS; 4 cr; prereq 2302, Stat 1601 or Stat 2601 or instr consent)
66209 10:30-11:35 am MWF Sci 4655 Bryant Max 25

SSA 3201. Coaching Practicum. (1 cr; prereq instr consent; S-N only)
Arranged Johnson

SSA 3210. Internship in Sport Studies and Athletics. (1-12 cr; [max 24 cr]; prereq instr consent; S-N only)
Arranged Staff

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

SSA 4101. Planning and Programming of Athletic Facilities. (4 cr; prereq 3101)
66129 10:00-11:40 am TTh PEC 251 Johnson Max 20

SSA 4201. Sport Governance: Legal and Ethical Issues. (E/CR; 4 cr; prereq 2401, 2402, 4102; A-F only)
66269 12:00-1:40 pm TTh Hum 5 Bryant Max 20

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

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STATISTICS

Stat 1601. Introduction to Statistics. (M/SR; 4 cr; prereq high school higher algebra)
65896 Sec 1  9:15-10:20 am  MWF  Sci 3610  Kim  Max 40
65897 Sec 2  11:45-12:50 pm  MWF  Sci 3650  Kim  Max 40
66083 Sec 3  2:15-3:20 pm  MWF  Sci 3610  Dolan  Max 40
66088 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)
65899  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)
66348  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)
65900  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)
66742  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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## THEATRE 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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