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## SPRING 2019 Schedule of Classes

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

*Click on discipline title to go listing of classes*

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*Spring Semester 2019*
AMERICAN SIGN LANGUAGE

ASL 1002. Beginning American Sign Language II. (FL; 4 cr; prereq 1001 or placement or instr consent)
65222  6:15-7:55 pm  TTh  IH 101  Poore  Max 30
ANTHROPOLOGY

Anth xxxx. TBA. (SS; 4 cr)  

Anth 1201. Becoming Human: Introduction to Biological Anthropology. (Sci-L; 5 cr; A-F only)  

<table>
<thead>
<tr>
<th>Time</th>
<th>Class</th>
<th>Instructor</th>
<th>Max</th>
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</thead>
<tbody>
<tr>
<td>8:00-9:05 am</td>
<td>Lec 1</td>
<td>Akina</td>
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<tr>
<td>6:30-12:00 pm</td>
<td>Lab 2</td>
<td>Dean</td>
<td></td>
</tr>
<tr>
<td>8:00-9:30 am</td>
<td>Lab 3</td>
<td>Beaver</td>
<td></td>
</tr>
<tr>
<td>9:50-11:20 am</td>
<td>Lab 4</td>
<td>Beaver</td>
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<tr>
<td>12:50-2:20 pm</td>
<td>Lab 5</td>
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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)  

<table>
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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)  

<table>
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Anth 3002. Theory in Archaeology and Biological Anthropology. (2 cr; prereq 2001 or 2002)  

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Anth 3604. Gender and Sexuality in Latin America. (IP; 4 cr)  

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Anth 3705. The Archaeology of Death and Burial. (4 cr; prereq 1103)  

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Anth 3761. Human Fossil Record. (Sci; 2 cr; prereq 1201)  

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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 1121. Renaissance to Modern Art. (FA; 4 cr)
65207 10:30-11:35 am MWF HFA 6 Dabbs Max 48

ArtH 1131. Art Beyond the West: Legacies of Colonialism and Imperialism. (FA; 4 cr)
65757 12:50-2:30 pm TTh HFA 6 Basu Max 30

ArtH 2107. Global Modernisms: Modern Art in Latin America, Asia, Africa, and Beyond. (FA; 4 cr; prereq any 1xxx ArtH course or soph status or instr consent)

ArtH 3221. Contemporary Art, 1950 to the Present. (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)
65756 2:30-5:10 pm MW HFA 2 Basu Max 15

ArtH 3231. History of Photography. (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)
65477 2:40-4:20 pm TTh HFA 2 Basu Max 15

ArtH 3993. Directed Study. (1-5 cr [max 10 cr]; prereq any 1xxx ArtH course or jr status, approved directed study form)
Arranged

ArtH 4810. Practicum in Art History Pedagogy. (1-4 cr [max 8 cr]; prereq instr consent which requires an ArtH major or minor or double-major; must already have taken the 1xxx ArtH course that they wish to complete this practicum in conjunction with; S-N only)
Arranged

ArtH 4901. Capstone Assessment of Student Experience in Art History. (1 cr; prereq ArtH major, instr consent; S-N only)
Arranged Dabbs

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

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Spring Semester 2019
### ART, STUDIO

**ArtS 1001. Visual Studies for Non-Majors: Drawing.** (ArtP; 3 cr [max 6 cr]; no elective cr for ArtS majors or minors; materials fee required)

<table>
<thead>
<tr>
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<td>HFA 130</td>
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**ArtS 1050. Beginning Ceramics.** (ArtP; 3 cr [max 6 cr]; materials fee required)

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<td>65281</td>
<td>9:00-11:30 pm</td>
<td>MW</td>
<td>HFA 145</td>
<td>Stansbury</td>
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**ArtS 1102. Basic Studio Drawing II.** (ArtP; 2 cr; prreq 1101, coreq 1104, 1106; one 1xxx ArtH course recommended during the same year; materials fee required)

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<th>Instructor</th>
<th>Max</th>
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<td>HFA 130</td>
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**ArtS 1104. Basic Studio 3-D Design.** (ArtP; 2 cr; prreq 1103, coreq 1102, 1106; one 1xxx ArtH course recommended during the same year; materials fee required)

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<td>TTh</td>
<td>HFA 145</td>
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**ArtS 1106. Basic Studio Discussion II.** (ArtP; 1 cr; prreq 1105, coreq 1102, 1104; one 1xxx ArtH course recommended during the same year)

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**ArtS 3012. Media Studies: Ceramics.** (ArtP; 3 cr [max 9 cr]; prreq major or minor; materials fee required)

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<td>65761</td>
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**ArtS 3110. Advanced Drawing II.** (ArtP; 3 cr [max 9 cr]; prreq 2101, 2102; 3100 recommended; materials fee required)

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<td>HFA 15</td>
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**ArtS 3210. Printmaking Studio II.** (ArtP; 3 cr [max 9 cr]; prreq major or minor or instr consent for jrs and srs; materials fee required)

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<td>HFA 15</td>
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**ArtS 3310. Painting Studio II.** (ArtP; 3 cr [max 9 cr]; prreq major or minor or instr consent for jrs and srs; materials fee required)

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

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**ArtS 3510. Photographic and Digital Processes II: Adobe Creative Suite Processes.** (ArtP; 3 cr [max 9]; prreq major or minor or instr consent; materials fee required)

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

- Arranged

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

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

- Arranged

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### BIOLOGY

**Biol 1002. Human Nutrition.** (Sci; 3 cr; no elective cr for biol majors or minors)

<table>
<thead>
<tr>
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<th>Time</th>
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<th>Location</th>
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**Biol 1111. Fundamentals of Genetics, Evolution, and Development.** (Sci; 3 cr; prereq biol major/minor or chem major or any health sciences preprofessional program or Eled or SeEd major with middle school science specialties or instr consent)

<table>
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<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<td>65236 Sec 1</td>
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<td>TTh</td>
<td>Sci 3650</td>
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<td>65386 Sec 2</td>
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<td>MWF</td>
<td>Sci 3610</td>
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**Biol 2101. Evolution of Biodiversity.** (Sci-L; 4 cr; prereq C- or better in 1101 or 1111 or instr consent)

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<th>Days</th>
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<th>Max</th>
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<tr>
<td>64950 Lab 2</td>
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<td>64951 Lab 3</td>
<td>1:00-4:00 pm</td>
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<td>Sci 2130</td>
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<tr>
<td>65309 Lab 4</td>
<td>2:15-5:15 pm</td>
<td>Wed</td>
<td>Sci 2130</td>
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<tr>
<td>65310 Lab 5</td>
<td>8:30-11:30 am</td>
<td>Tue</td>
<td>Sci 2130</td>
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<tr>
<td>65344 Lab 6</td>
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<td>Sci 2130</td>
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**Biol 2103. Introduction to Human Physiology.** (Sci; 4 cr; prereq 2102 or SSA 2102 or instr consent; no elective cr for biol majors or minors)

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<td>65265</td>
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<td>Sci 2190</td>
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**Biol 3121. Molecular Biology.** (Sci-L; 5 cr; prereq C- or better in 2111, Chem 2301 or instr consent)

<table>
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<td>64953 Lab 2</td>
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<td>Johnson</td>
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<tr>
<td>64954 Lab 3</td>
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<td>Sci 2170</td>
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<td>65481 Lab 4</td>
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**Biol 3700. Biological Communication I.** (1 cr; prereq Biol 2101, 2111)

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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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**Biol 3701. Biological Communication II.** (1 cr; prereq 3700, instr consent)

<table>
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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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</thead>
<tbody>
<tr>
<td>65 min/per week discussion arranged</td>
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<td></td>
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<td>Des Lauriers</td>
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**Biol 4104. Cell Signaling Mechanisms.** (4 cr; prereq 3121 or instr consent)

<table>
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<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
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<tbody>
<tr>
<td>65921</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Sci 1030</td>
<td>Des Lauriers</td>
<td>24</td>
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</table>

**Biol 4111. Microbiology.** (4 cr; prereq 2111, prereq or coreq 3121 or instr consent)

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>64956 Lab 2</td>
<td>8:30-11:30 am</td>
<td>Tue</td>
<td>Sci 2150</td>
<td>Staff</td>
<td>14</td>
</tr>
<tr>
<td>65366 Lab 3</td>
<td>2:00-5:00 pm</td>
<td>Tue</td>
<td>Sci 2150</td>
<td>Staff</td>
<td>14</td>
</tr>
<tr>
<td>65466 Lab 4</td>
<td>1:00-4:00 pm</td>
<td>Thu</td>
<td>Sci 2150</td>
<td>Staff</td>
<td>14</td>
</tr>
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</table>

*Spring Semester 2019*
Biol 4172. Plant Systematics. (4 cr; prereq 2101 or EnSt 2101 or instr consent)
   Lec 1  2:15-3:20 pm  MF  Sci 1030  Kuchenreuther
65917 Lab 2  2:00-5:00 pm  Tue  Sci 3160  Kuchenreuther  Max 15
65918 Lab 3  1:00-4:00 pm  Thu  Sci 3160  Kuchenreuther  Max 15

Biol 4312. Genetics. (4 cr; prereq 2111 or instr consent)
   Lec 1  11:45-12:50 pm  MW  Sci 1020  Des Lauriers
65283 Lab 2  2:00-5:00 pm  Tue  Sci 3180  Des Lauriers  Max 18
65284 Lab 3  1:00-4:00 pm  Thu  Sci 3180  Des Lauriers  Max 18

Biol 4321. Animal Physiology. (4 cr; prereq 2101, 2111)
   Lec 1  9:50-10:55 am  TTh  Sci 3665  Waye
65920 Lab 2  2:15-5:15 pm  Wed  Sci 2110  Waye  Max 12

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  1:00-2:05 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 1101. General Chemistry I. (Sci-L; 5 cr)
Lec 1 10:30-11:35 am MWF Sci 4655 Pappenfus
65928 Lab 2 1:00-4:00 pm Thu Sci 3040 Pappenfus Max 16

Chem 1102. General Chemistry II. (Sci-L; 5 cr; prereq 1101)
Lec 1 8:00-9:05 am MWF Sci 2950 K. Nell
65253 Lab 2 3:30-6:30 pm Mon Sci 3175 K. Boyd Max 8
65176 Lab 3 8:30-11:30 am Tue Sci 3175 K. Nell Max 8
65177 Lab 4 1:00-4:00 pm Tue Sci 3175 K. Nell Max 8
65178 Lab 5 11:45-2:45 pm Wed Sci 3175 Pirinelli Max 8
65179 Lab 6 3:30-6:30 pm Wed Sci 3175 Staff Max 8
65261 Lab 7 8:30-11:30 am Thu Sci 3175 Staff Max 8
65285 Lab 8 1:00-4:00 pm Thu Sci 3175 Alia Max 8

Chem 1103. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
   Arranged

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)
64960 Sec 1 9:15-10:20 am MWF Sci 3650 Carpenter Max 30
65929 Sec 2 9:15-10:20 am MWF Sci 1020 B. Nell Max 30

Chem 2321. Introduction to Research I. (1 cr; prereq 2311, coreq 2302 or 2304 or instr consent)
64961 Lab 1 2:15-5:15 pm MW (1st half) Sci 3135 Pirinelli, Carpenter Max 8
64962 Lab 2 1:00-4:00 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 1:00-4:00 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 3406. Polymer Properties and Characterization. (2 cr; prereq 2302 or 2304)
65931 8:00-9:05 am MWF (1st half) Sci 1030 Pappenfus Max 15

Chem 3411. Polymer Chemistry Lab. (1 cr; prereq 2322, coreq 3406 or instr consent)
65932 1:00-4:00 pm Tue Sci 3130 Pappenfus Max 6

Spring Semester 2019
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Instructor(s)</th>
<th>Time</th>
<th>Location</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Chem 3502</td>
<td>Physical Chemistry II.</td>
<td>4 cr</td>
<td>Alia</td>
<td>MWF</td>
<td>Sci 4655</td>
<td>Max 30</td>
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<td>Chem 3511</td>
<td>Physical Chemistry Lab.</td>
<td>1 cr</td>
<td>Alia</td>
<td>Mon + arr</td>
<td>Sci 3130</td>
<td>Max 12</td>
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<tr>
<td>Chem 3801</td>
<td>History of Chemistry.</td>
<td>2 cr</td>
<td>K. Boyd</td>
<td>MWF (2nd half)</td>
<td>Sci 1030</td>
<td>Max 15</td>
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<tr>
<td>Chem 3901</td>
<td>Chemistry Seminar I.</td>
<td>0.5 cr</td>
<td>Alia</td>
<td>Tue</td>
<td>Sci 2200</td>
<td>Max 40</td>
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<td>Chem 3993</td>
<td>Directed Study.</td>
<td>1-5 cr</td>
<td></td>
<td></td>
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<td>Max 10 cr</td>
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<tr>
<td>Chem 3994</td>
<td>Directed Research.</td>
<td>1-5 cr</td>
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<td>Max 10 cr</td>
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<tr>
<td>Chem 4351</td>
<td>Bioorganic Chemistry.</td>
<td>2 cr</td>
<td>Pirinelli</td>
<td>TTh (1st half)</td>
<td>Sci 4655</td>
<td>Max 12</td>
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<tr>
<td>Chem 4357</td>
<td>Structural Methods of Chemical Biology.</td>
<td>2 cr</td>
<td>Pirinelli</td>
<td>TTh (2nd half)</td>
<td>Sci 4655</td>
<td>Max 12</td>
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<tr>
<td>Chem 4701</td>
<td>Inorganic Chemistry.</td>
<td>4 cr</td>
<td>B. Nell</td>
<td>MWF</td>
<td>Sci 1030</td>
<td>Max 15</td>
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<tr>
<td>Chem 4901</td>
<td>Chemistry Seminar II.</td>
<td>0.5 cr</td>
<td>Carpenter</td>
<td>TTh</td>
<td>Sci 2190</td>
<td>Max 40</td>
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**CHINESE**

**Chn 1002. Beginning Chinese II.** (FL; 4 cr)
65418  11:45-12:50 pm  MWF  Hum 5  Fan  Max 25

**Chn 2002. Intermediate Chinese II.** (IP; 4 cr; prereq 2001 or placement or instr consent)
65422  8:00-9:40 am  TTh  IH 202  Fan  Max 25

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### COMMUNICATION, MEDIA, AND RHETORIC

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Pre-requisites/Notes</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor(s)</th>
<th>Capacity</th>
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<tbody>
<tr>
<td>CMR 1042</td>
<td>Public Speaking and Analysis.</td>
<td>4 cr</td>
<td>(E/CR)</td>
<td>TTh</td>
<td>9:50-11:30 am</td>
<td>HFA 18</td>
<td>Burke</td>
<td>Max 40</td>
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<tr>
<td>CMR 1388</td>
<td>College Newspaper Experience.</td>
<td>1 cr</td>
<td>[max 2 cr]; instr consent</td>
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<td>Burke</td>
<td>Max 10</td>
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<tr>
<td>CMR 1389</td>
<td>College Radio Experience.</td>
<td>1 cr</td>
<td>[max 2 cr]; instr consent</td>
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<td>Burke</td>
<td>Max 10</td>
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<tr>
<td>CMR 2053</td>
<td>Rhetoric of Supreme Court Opinions: Analysis and Creation</td>
<td>2 cr</td>
<td>(E/CR)</td>
<td>MWF</td>
<td>3:30-4:35 pm</td>
<td>HFA 23</td>
<td>Bezanson</td>
<td>Max 25</td>
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<tr>
<td>CMR 3123</td>
<td>Rhetorical Criticism and Speeches that Changed the World</td>
<td>4 cr</td>
<td>(Hum; instr consent or 1101)</td>
<td>MWF</td>
<td>9:15-10:20 am</td>
<td>HFA 23</td>
<td>Bezanson</td>
<td>Max 20</td>
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<tr>
<td>CMR 3421</td>
<td>Organizational Communication Theory and Research.</td>
<td>4 cr</td>
<td>(SS; instr consent or 1101)</td>
<td>MWF</td>
<td>10:30-11:35 am</td>
<td>HFA 18</td>
<td>Sotirova</td>
<td>Max 25</td>
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<tr>
<td>CMR 3433</td>
<td>Communication, Power, and Identity.</td>
<td>4 cr</td>
<td>(Hum; instr consent or 1101)</td>
<td>MWF</td>
<td>1:00-2:05 pm</td>
<td>HFA 23</td>
<td>Sotirova</td>
<td>Max 25</td>
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<tr>
<td>CMR 3993</td>
<td>Directed Study.</td>
<td>1-5 cr</td>
<td>[max 10 cr]; approved directed study form</td>
<td>Arranged</td>
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<tr>
<td>CMR 4152</td>
<td>Advanced Public Speaking.</td>
<td>4 cr</td>
<td>(Hum; instr consent or 1042)</td>
<td>MWF</td>
<td>10:30-11:35 am</td>
<td>HFA 23</td>
<td>Bezanson</td>
<td>Max 20</td>
</tr>
<tr>
<td>CMR 4341</td>
<td>New Media Technologies.</td>
<td>2 cr</td>
<td>(Hum; instr consent or 1101)</td>
<td>Tue</td>
<td>12:50-2:30 pm</td>
<td>HFA 23</td>
<td>Burke</td>
<td>Max 20</td>
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<tr>
<td>CMR 4800</td>
<td>Directed Experience in Teaching Communication, Media, and Rhetoric</td>
<td>1-4 cr</td>
<td>(Instr consent; S-N only)</td>
<td>Arranged</td>
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<td></td>
<td>Bezanson</td>
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<tr>
<td>CMR 4901</td>
<td>Communication, Media, and Rhetoric Seminar II.</td>
<td>3 cr</td>
<td>(Instr consent; sr status in the major)</td>
<td>Wed</td>
<td>11:45-12:50 pm</td>
<td>HFA 23</td>
<td>Burke, Sotirova</td>
<td>Max 15</td>
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<td>CMR 4993</td>
<td>Directed Study.</td>
<td>1-5 cr</td>
<td>[max 10 cr]; approved directed study form</td>
<td>Arranged</td>
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*Last Update on: 6/26/2018*

*Spring Semester 2019*
## COMPUTER SCIENCE

### CSci 1201. Introduction to Digital Media Computation. (M/SR; 4 cr)
- **65233**: 10:30-11:35 am  MWF  Sci 2190  Lamberty  Max 30

### CSci 1302. Foundations of Computer Science. (M/SR; 4 cr)
- **64965**: 9:15-10:20 am  MWF  Sci 2190  Machkasova  Max 35

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

### CSci 2101. Data Structures. (M/SR; 5 cr; prereq 1201 or 1301 or instr consent)
- Lec 1: 1:00-2:05 pm  MWF  Sci 2185  Machkasova
- **65934 Lab 2**: 2:40-4:20 pm  Tue  Sci 2610  Machkasova  Max 24

### 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)
- **65400**: 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)
- **65402**: 9:50-11:30 am  Tue  Sci 2185  McPhee
- 9:50-10:40 am  Thu  Sci 2185  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
- **65180 Lab 2**: 12:50-2:30 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 4453. Systems: Database Systems. (4 cr; prereq 2101 or instr consent)
- **65935**: 3:30-4:35 pm  MWF  Sci 2185  McPhee  Max 20

### CSci 4656. Processes, Programming, and Languages: Human-Computer Interaction and Interface Design. (4 cr; prereq 2101 or instr consent)
- **65499**: 2:15-3:20 pm  MWF  Sci 2185  Lamberty  Max 20

### CSci 4901. Senior Seminar. (2 cr; prereq IS 1091, jr or sr, instr consent; S-N only)
- **65186**: 4:30-5:20 pm  Tue  Sci 2185  Machkasova  Max 12

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

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DANCE

Dnce 1321. Introduction to Modern Dance and Ballet. (ArtP; 1 cr [max 2 cr]; S-N only)
66466 3:30-5:00 pm Wed HFA 125 Ferrian Max 25

Dnce 1323. Introduction to Tap Dance. (ArtP; 1 cr [max 2 cr]; tap shoes required; S-N only)
66062 3:30-5:00 pm Wed HFA 125 Ferrian Max 25

Dnce 2301. Practicum in Dance. (1 cr; ArtP; prereq instr consent)
65391 Arranged Ferrian Max 20

Dnce 2311. Dance Composition. (ArtP; 2 cr [max 8 cr])
66063 2:15-3:20 pm MW HFA 125 Ferrian Max 25

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

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

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

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ECONOMICS

**Econ 1111. Principles of Microeconomics.** (SS; 4 cr; prereq high school algebra or instr consent)
65502 9:50-11:30 am  TTh  IH 111  Burks  Max 40

**Econ 1112. Principles of Macroeconomics.** (SS; 4 cr; prereq high school algebra or instr consent)
65412 Sec 1 10:30-11:35 am  MWF  IH 111  Finzel  Max 40
65290 Sec 2 3:30-4:35 pm  MWF  IH 111  Finzel  Max 40

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

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

**Econ 3009. Political Economy.** (4 cr; prereq 1111, 1112 or instr consent)
66294 2:40-4:20 pm  TTh  IH 112  Bina  Max 30

**Econ 3014. Game Theory: The Theory of Strategic Behavior I.** (2 cr; prereq 1111 or instr consent)
65427 2:40-4:20 pm  TTh (1st half)  IH 113  Burks  Max 30

**Econ 3015. Game Theory: The Theory of Strategic Behavior II.** (2 cr prereq 3014 or instr consent)
65428 2:40-4:20 pm  TTh (2nd half)  IH 113  Burks  Max 30

**Econ 3113. Money, Banking, and Financial Markets.** (4 cr; prereq 1111, 1112 or instr consent)
65393 8:00-9:05 am  MWF  IH 113  Panda  Max 30

**Econ 3173. Health Care Economics.** (4 cr; prereq 1111 or instr consent)
65617 12:50-2:30 pm  TTh  IH 113  Devkota  Max 30

**Econ 3202. Macroeconomic Theory.** (4 cr; prereq 1112, Math 1101 or instr consent)
65075 11:45-12:50 pm  MWF  IH 114  Panda  Max 30

**Econ 3501. Introduction to Econometrics.** (M/SR; 4 cr; prereq 3201 or 3202, Stat 1601 or Stat 2601)
65413 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 4502. Advanced Research Seminar in Economics and Management.** (2 cr; prereq 4501, instr consent)
65503 Sec 1 3:30-5:10 pm  Wed  IH 202  Brown  Max 4
65504 Sec 2 3:30-5:10 pm  Wed  IH 202  Brown  Max 4

**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)
65293 Arranged Staff

Ed 2121. Introduction to Education. (SS; 4 cr; coreq 2111; A-F only)
65292 9:50-11:30 am TTh MRC 205 Staff 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)
65294 8:00-9:40 am TTh (2nd half) MRC 205 Maanum Max 35

Ed 2601. Development, Learning, and Teaching. (SS; 2 cr; A-F only)
65398 12:50-2:30 pm TTh (1st 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)
65234 Sec 500 Study Abroad UMM Students Lam
65463 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)
65295 Sec 1 Arranged (2nd half) Staff Max 48
Sec 2 Arranged (2nd half) Staff
Sec 3 Arranged (2nd half) Staff

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

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Spring Semester 2019
EDUCATION, ELEMENTARY

ElEd 3202. Middle Level Theory and Methods. (1 cr; prereq 3101, 3102, 3103, 3111; A-F only)
65298  8:00-9:40 am  Tue (2nd half)  Edu 106  Lam  Max 40

ElEd 3203. Preprimary Theory and Pedagogy. (4 cr; prereq 3101, 3102, 3103, 3111; A-F only)(A 40 hour practicum (ElEd 3211 must be taken concurrently)
65299  2:15-4:35 pm  Mon + weekly online work  Edu 102  Staff  Max 40

ElEd 3204. Advanced Childhood and Adolescent Development. (2 cr; prereq 3101, 3102, 3103, 3111; A-F only)
65408  8:00-9:40 am  TTh (1st half)  MRC 205  Maanum  Max 40

ElEd 3211. Practicum II: Field Experience in a Preprimary Setting. (1 cr; prereq 3101, 3102, 3103, 3111; S-N only)
65174  Arranged  Staff  Max 40

ElEd 3212. Practicum II: Field Experience in a Middle Level Setting. (1 cr; prereq 3101, 3102, 3103, 3111; S-N only)
65175  2:15-3:20 pm  Mon  MRC 205  Lam  Max 40

ElEd 3213. Practicum II: Field Experience in a K-6 Setting. (1 cr; prereq 3101, 3102, 3103, 3111; S-N only)
65407  2:15-3:20 pm  Mon  MRC 205  Lam  Max 40

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

ElEd 4201. Directed Student Teaching in Primary and Intermediate Grades. (HDiv; 12 cr; prereq 4102, 4103, 4104, 4111, 4112, passing scores on basic skills or instr consent; S-N only; special fee required)
65300  Arranged  Harell

ElEd 4202. Directed Student Teaching in Primary and Intermediate Grades. (1-16 cr [max 16 cr]; prereq passing scores on basic skills or instr consent; S-N only; special fee required)
65152  Arranged  Harell

ElEd 4204. Directed Global Student Teaching at the Primary and Intermediate Level (IP; 1-16 cr; prereq 4102, 4103, 4104, 4111, 4112, passing scores on basic skills or instr consent; special fee required)
65301 Sec 500  Study Abroad  UMM Students  Lam
65461 Sec 501  Study Abroad  Non-UMM Students  Lam

ElEd 4206. Directed Student Teaching in Preprimary Classroom. (HDiv; 4 cr; prereq 3201, 3202, 3203, 3211; S-N only; special fee required)
65333  Arranged  Rudney

ElEd 4207. Directed Student Teaching in Middle Level Classroom. (HDiv; 4 cr; prereq 3201, 3202, 3212, appropriate methods course, passing scores on basic skills or instr consent; S-N only; special fee required)
65334  Arranged  Rudney

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

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EDUCATION, SECONDARY

SeEd 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
65145 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)
65162 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)
65264 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)
65147 Sec 500 Study Abroad UMM Students Lam
65462 Sec 501 Study Abroad Non-UMM Students Lam

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

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ENGLISH

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

<table>
<thead>
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<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
<td>65367</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Hum 11</td>
<td>Gercken</td>
<td>18</td>
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<tr>
<td>65368</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>HFA 18</td>
<td>Kildegaard</td>
<td>18</td>
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<tr>
<td>65370</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Hum 11</td>
<td>Wenzel</td>
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<tr>
<td>65372</td>
<td>8:00-9:40 am</td>
<td>TTh</td>
<td>Hum 205</td>
<td>Johnson</td>
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<tr>
<td>65373</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>Hum 11</td>
<td>D. Ericksen</td>
<td>18</td>
</tr>
<tr>
<td>65374</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td>Hum 5</td>
<td>Eckerle</td>
<td>18</td>
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| 65375   | 11:45-12:50 pm | MWF  | Hum 205  | Robinson    | 18  |
| 65466   | 2:15-3:20 pm   | MWF  | IH 101   | Robinson    | 18  |
| 66172   | 10:30-11:35 am | MWF  | Hum 5    | Pederson    | 18  |

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

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

<table>
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<td>65593</td>
<td>4:40-6:10 pm</td>
<td>Thu</td>
<td>HFA 6</td>
<td>D. Ericksen</td>
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<td></td>
<td>4:30-7:30 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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<td>65353</td>
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<td>TTh</td>
<td>Sci 2200</td>
<td>Staff</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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<td>65512</td>
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<td>TTh</td>
<td>Hum 5</td>
<td>Eckerle</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>65381 Sec 1</td>
<td>11:45-12:50 pm</td>
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<td>IH 217</td>
<td>Kildegaard</td>
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<tr>
<td>66713 Sec 2</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td>Sci 2200</td>
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**Engl 2202. Survey of British Literature from the 18th Century.** (Hum; 4 cr)

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<td>65776</td>
<td>8:00-9:40 am</td>
<td>TTh</td>
<td>Hum 11</td>
<td>Miller</td>
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**Engl 2212. Survey of American Literature from the Civil War Forward.** (Hum; 4 cr)

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<td>Sci 2200</td>
<td>Hume</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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<td>65212</td>
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<td>MWF</td>
<td>Hum 11</td>
<td>Gercken</td>
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**Engl 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form) Arranged

**Engl 3012. Advanced Fiction Writing.** (ArtP; 4 cr; prereq 2121 or instr consent)

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<td>Hum 205</td>
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**Engl 3018. Scholarly Writing Workshop.** (2 cr; prereq 1601)

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<td>11:45-12:35 am</td>
<td>MW</td>
<td>IH 203</td>
<td>Turk</td>
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**Engl 3063. Environmental Justice Literatures.** (Hdiv; 4 cr; prereq 2501, two from 2201, 2202, 2211, 2212 or instr consent)

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<th>Instructor</th>
<th>Max</th>
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<td>66789</td>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>Sci 1030</td>
<td>Hume</td>
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_Spring Semester 2019_
Engl 3142. The Rise of the Novel. (4 cr; prereq 2501 (or 1131), two from 2201, 2202, 2211, 2212)
65774 3:30-4:35 pm MWF Hum 5 Turk Max 20

Engl 3312. World Indigenous Literature and Film. (HDiv; 4 cr; prereq 2501 (or 1131), two from 2201, 2202, 2211, 2212 or inst consent)
65771 2:15-3:20 pm MWF Hum 11 Gercken Max 20

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

(IP; 4 cr; prereq two from 31xx-35xx, instr consent)
65777 9:50-11:30 am TTh Hum 12 Miller Max 12

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

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ENVIROMENTAL SCIENCE

ESci 4902. Environmental Science Senior Seminar II. (1 cr; prereq 4901, instr consent; A-F only)
65286  5:30-6:30 pm  Sci 1020  Boyd
ENVIROMENTAL STUDIES

**EnSt 1101. Environmental Problems and Policy.** (Envt; 4 cr)
65254  9:50-11:30 am  TTh  Sci 2190  Brands  Max 40

**EnSt 3112. Climate Change and Moral Responsibility.** (Envt; 4 cr; prereq 4 cr of EnSt or instr consent)
65878  1:00-2:05 pm  MWF  Sci 3665  Loo  Max 15

**EnSt 4901. Senior Capstone Experience.** (4 cr; prereq 3989 or 3996, sr status or instr consent; A-F only)
65266  12:50-3:50  Tue  Sci 3665  Brands  Max 15

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**FRENCH**

**Fren 1002. Beginning French II.** (FL; 4 cr; prereq 1001 or placement or instr consent)
- 65007 Sec 1: 9:15-10:20 am MWF Hum 205 Buchanan Max 25
- 65273 Sec 2: 10:30-11:35 am MWF Hum 205 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)
- 65008: 1:00-2:05 pm MWF Hum 205 Bevevino Max 25

**Fren 2014. Explorations in Cultures.** (1 cr [max 2 cr]; prereq 1002 or instr consent; S-N only)
- 66215: 2:15-3:20 pm MW (2nd half) Hum 111 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)
- 65521: 3:30-4:35 pm MWF (1st half) Hum 12 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)
- 65519: 1:00-2:05 pm MWF Hum 111 T. Berberi Max 15

**Fren 3508. Modern Studies: French Poetry: Survey, Analysis, Creation.** *Pending approval*
- 8:00-9:40 am TTh Hum 111 T. Berberi Max 15

**Fren 3112. Advanced Language Studies: Introduction to French Phonetics.** (2 cr; prereq 2002 (or concurrent enrollment in 2002) or instr consent)
- 65782: 3:30-4:35 pm MWF (2nd half) Hum 12 Buchanan 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)
- 65522: 2:40-3:30 pm TTh Hum 12 Bevevino Max 10

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

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GENDER, WOMEN, AND SEXUALITY STUDIES

GWSS 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)
   Arranged
   Rothchild

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GEOLOGY

**Geol 1001. Environmental Geology: Geology in Daily Life.** (Sci; 4 cr; may not count toward geol major or minor)
64967  11:45-12:50 pm  MWF  64967  11:45-12:50 pm  MWF  Sci 2950  Cotter  Max 250

**Geol 1101. Physical Geology.** (Sci-L; 4 cr)
Lec 1  11:45-12:50 pm  MWF  64969 Lab 2  1:30-4:30 pm  Mon  Sci 1650  Brugger  Max 24
64970 Lab 3  8:30-11:30 am  Tue  Sci 1650  Brugger  Max 24

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

**Geol 2111. Igneous and Metamorphic Petrology.** (Sci-L; 4 cr; prereq 2101)
Lec 1  11:45-12:50 pm  MWF  65263 Lab 2  2:00-5:00 pm  Tue  Sci 3655  Crabtree  Max 12

**Geol 2161. GIS and Remote Sensing.** (Sci; 4 cr; prereq 1101 or Biol 1101 or Biol 1111 or instr consent)
Lec 1  9:15-10:20 am  MWF  65312 Lab 2  2:15-5:15 pm  Wed  Sci 2530  Crabtree  Max 20

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

**Geol 3101. Structural Geology.** (Sci-L; 4 cr; prereq 2111, Math 1021 or Math 1101 or instr consent)
65258  2:00-5:00 pm  TTh  65942  9:50-11:30 am  TTh  Sci 1515  Brugger  Max 12

**Geol 3502. Groundwater.** (Envt; 4 cr; prereq 1101 or instr consent)
65942  9:50-11:30 am  TTh  Sci 1030  Cotter  Max 25

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

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

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

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# GERMAN

**Ger 1002. Beginning German II.** (FL; 4 cr; prereq 1001 or placement or instr consent)
65010 Sec 1 1:00-2:05 pm  MWF  Hum 11  Wilberg  Max 25
66061 Sec 2 2:40-4:20 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)
65340 10:30-11:35 am  MWF  Hum 12  Wilberg  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)
65392 2:15-3:20 pm  MWF  Hum 12  Wilberg  Max 15

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

**Ger 4002. German Civilization II: From 1871 to the Present.** (Hist; 4 cr; prereq 3333)
65789 12:50-2:30 pm  TTh  Hum 12  Carey  Max 15

**Ger 4901. Senior Project.** (1-5 cr [max 10 cr]; prereq 3011 or instr consent)
65423 Arranged  Carey

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

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| Course Code | Course Title                                                                 | Type   | Credits | CRN  | Time        | Days | Location | Instructor | Max
|-------------|------------------------------------------------------------------------------|--------|---------|------|-------------|------|----------|------------|------
| Hist 1111. | Introduction to World History. (Hist; 4 cr)                                 |        | 4       | 65460| 1:00-2:05 pm| MWF  | IH 111   | Bruce      | 40   |
| Hist 1113. | Introduction to African History since 1880. (Hist; 4 cr)                    |        | 4       | 65464| 9:15-10:20 am| MWF  | IH 114   | James      | 25   |
| Hist 1301. | Introduction to U.S. History. (Hist; 4 cr)                                 |        | 4       | 65526| 12:50-2:30 pm| TTh  | IH 109   | Gross      | 40   |
| Hist 1601. | Latin American History: A Basic Introduction. (IP; 4 cr)                   |        | 4       | 66320| Completely Online |     |          | Cheyne     | 40   |
| Hist 2108. | Ancient Greek and Roman History. (Hist; 4 cr)                               |        | 4       | 65335| 2:40-4:20 pm| TTh  | IH 109   | Narvaez    | 40   |
| Hist 2313. | History of South Africa since 1910. (IP; 4 cr)                              |        | 4       | 65898| 10:30-11:35 am| MWF  | IH 202   | James      | 15   |
| Hist 2708. | Gender, Women, and Sexuality in Modern Europe. (IP; 4 cr)                  |        | 4       | 65896| 10:30-11:35 am| MWF  | IH 114   | Bruce      | 25   |
| Hist 3021. | Gender and Sexuality in African History.                                   | HDiv   | 4       | 65899| 1:00-2:05 pm| MWF  | IH 202   | James      | 15   |
| Hist 3212. | The French Revolution. (Hist; 4 cr)                                        |        | 4       | 65897| 2:15-3:20 pm| MWF  | IH 202   | Bruce      | 15   |
| Hist 3358. | Civil War and Reconstruction. (Hist; 4 cr)                                 |        | 4       | 65900| 3:30-5:10 pm| MW   | IH 217   | Guyotte    | 15   |
| Hist 3360. | American Experience in World War II. (Hist; 4 cr)                          |        | 4       | 65894| 9:50-11:30 am| TTh  | IH 202   | Guyotte    | 15   |
| Hist 3614. | Race and Ethnicity in Latin America. (HDiv; 4 cr)                         |        | 4       | 65895| 9:50-11:30 am| TTh  | IH 203   | Narvaez    | 15   |
| Hist 3993. | Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)|        | 1-5     | 65900| 3:30-5:10 pm| MW   | IH 217   | Arranged   |      |
| Hist 4501. | Senior Research Seminar in History. (4 cr; prereq 3181, instr consent; A-F only) |        | 4       | 65313| 4:30-6:10 pm| Th   | IH 202   | Gross      | 15   |
| Hist 4993. | Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)|        | 1-5     | 65313| 4:30-6:10 pm| Th   | IH 202   | 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)

<table>
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<th>Day(s)</th>
<th>Location</th>
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<td>TTh</td>
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**HMSV 4896. Internship in the Human Services.** (4 cr; prereq Psy 4102, approved internship; Psy 4101 recommended; S-N only)

<table>
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HUMANITIES

Hum 1305. Career Preparation in World Languages. (1 cr)
65419 2:15-3:20 pm MW (1st half)  Hum 111  T. Berberi  Max 15

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

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

Hum 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)
- **65274** 1:00-2:05 pm MWF (1st half) Hum 12 V. Berberi Max 15

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

<table>
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**IS 1091. Ethical and Social Implications of Technology.** (E/CR; 2 cr)
- **65148** 2:40-4:20 pm Thu Sci 2185 Dolan 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)
- **66874** 1:30-2:30 pm Thu Sci 1030 Carpenter

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

**IS 3242H. Honors: Two Cosmological Poets: Dante and Lucretius.** (IP; 2 cr; prereq participation in the Honors program or instr consent)
- **65597** 11:45-12:35 pm MWF Sci 2200 Togeas Max 15

**IS 32xxH. Honors: The Stuff of Life: An Exploration of the History of Commodities, Trade, and Hum Geography. Pending approval**
- 2:40-4:20 pm Tue IH 217 Gross, A. Kildegaard Max 15

**IS 32xxH. Honors: Who Traions Whom?: Co-Influences of Machine Learning and Humans. Pending approval**
- 12:50-2:30 pm Thu Sci 3650 Burk, Machkasova Max 15

**IS 3710. Peer Tutoring in College.** (1 cr [max 3 cr]; S-N only)
- **65275** 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)
- **65231** 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.)
- 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

Ital 1002. Beginning Italian II. (FL; 4 cr; prereq 1001 or placement or instr consent)
65203 10:30-11:35 am MWF Hum 111 V. Berberi Max 25

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

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

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

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

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### LANGUAGE

**Lang 1061. Writing in the American University I.** (3 cr; prereq non-native speaker of English, instr consent)
65304  11:45-12:35 pm  MWF  Hum 12  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 01/22/19 to 04/17/19*

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<th>Instructor</th>
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<tr>
<td>Lec 1</td>
<td>4:00-5:15 pm</td>
<td>Mon</td>
<td>IH 113</td>
<td>Pederson</td>
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| 65306 Lab 2 | 4:00-5:15 pm | Wed | IH 113   | Pederson   | Max 20

**Lang 1071. Writing in the American University II.** (3 cr; prereq 1061, instr consent)
65424  11:45-12:35 pm  MWF  Hum 12  Pederson  Max 5

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LATIN

**Lat 1002. Beginning Latin II.** (FL; 4 cr; prereq 1001 or placement of instr consent)
65518 11:45-12:50 pm MWF Hum 111 Bevevino Max 25

**Lat 2002. Intermediate Latin Poetry.** (Hum; 4 cr; prereq C- or S in 2001 or instr consent)
66610 2:30-3:20 pm MTWTh HFA 7 Smith Max 15

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

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

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

**Lat 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged
LATIN AMERICAN AREA STUDIES

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

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

LAAS 3100. Contemporary Latin America. (1 cr [max 8 cr]; prereq LAAS major; to be repeated each sem a student is in residence; only 4 cr may apply to LAAS major)
6499 Arranged M. Genova

LAAS 3201. Bibliographical Tools and Journals in Latin American Area Studies. (2 cr; prereq LAAS major)
65420 Arranged Narvaez

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

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

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MANAGEMENT

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

Mgmt 2102. Principles of Accounting II. (2 cr; prereq 2101)
65077 Sec 1  8:00-9:05 am  MWF (2nd half)  IH 101  Wyum  Max 30
65251 Sec 2  10:30-11:35 am MWF (1st half)  IH 101  Wyum  Max 30

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

Mgmt 3xxx. TBA
11:45-12:50 pm  MWF  IH 113  Brown  Max 30

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)
65314   2:15-3:20 pm  MWF  IH 113  Brown  Max 30

Mgmt 3133. Managerial Accounting. (4 cr; prereq 2102)
65330   9:15-10:20 am  MWF  IH 101  Wyum  Max 30

Mgmt 3141. Business Law: The Legal Environment of Business. (2 cr; prereq 2101 or instr consent)
65441   2:40-4:20 pm  TTh (1st half)  Sci 3610  Economou  Max 30

Mgmt 3142. Business Law: Sales Law, Commercial Paper, and Forms of Business. (2 cr; prereq 2101 or instr consent)
65442   2:40-4:20 pm  TTh (2nd half)  Sci 3610  Economou  Max 30

Mgmt 3601. Transnational Enterprise. (IP; 4 cr; prereq 2101, Econ 1111, Econ 1112 or instr consent)
65379   9:50-11:30 am  TTh  IH 114  Bina  Max 30

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)
65189   4:30-6:10 pm  TTh  IH 113  Devkota  Max 30

Mgmt 4501. Globalization and Business Strategy. (2 cr; prereq 3601 or instr consent)
66295   12:50-2:30 pm  TTh (1st half)  IH 114  Bina  Max 30

Mgmt 4502. Technological Change, Labor Market, and Skill Formation. (2 cr; prereq 3601 or instr consent)
66296   12:50-2:30 pm  TTh (2nd half)  IH 114  Bina  Max 30

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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Spring Semester 2019
## MATHEMATICS

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<th>Course Code</th>
<th>Course Name</th>
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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
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<tbody>
<tr>
<td>Math 1001.</td>
<td>Excursions in Mathematics. (M/SR; 4 cr; prereq 2 yrs high school math)</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 3650</td>
<td>McQuarrie</td>
<td>Max 45</td>
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<tr>
<td>Math 1012.</td>
<td>PreCalculus I: Functions. (4 cr; prereq Math 0901 or placement; no credit for students who have received credit for Math 1014)</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Sci 3650</td>
<td>Ismail</td>
<td>Max 40</td>
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<td>Math 1013.</td>
<td>PreCalculus II: Trigonometry. (M/SR; 2 cr; prereq Math 0901 or placement; no credit for students who have received credit for Math 1014)</td>
<td>8:50-9:40 am</td>
<td>TTh</td>
<td>Sci 3650</td>
<td>Logan</td>
<td>Max 40</td>
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<tr>
<td>Math 1021.</td>
<td>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)</td>
<td>9:15-10:20 am</td>
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<td>Sci 1030</td>
<td>Logan</td>
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<tr>
<td>Math 1101.</td>
<td>Calculus I. (M/SR; 5 cr; prereq 1012, 1013 or placement)</td>
<td>8:00-9:05 am &amp; 8:00-9:40 am Thu</td>
<td>MWF</td>
<td>Sci 3510</td>
<td>Ismail</td>
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<tr>
<td>Math 1102.</td>
<td>Calculus II. (M/SR; 5 cr; prereq 1101)</td>
<td>9:15-10:20 am &amp; 8:00-9:40 am Tue</td>
<td>MWF</td>
<td>Sci 3510</td>
<td>Atkinson</td>
<td>Max 35</td>
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<tr>
<td>Math 1993.</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td>9:15-10:20 am &amp; 1:00-2:05 pm Tue</td>
<td>MWF</td>
<td>Sci 3510</td>
<td>Ismail</td>
<td>Max 35</td>
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<tr>
<td>Math 2101.</td>
<td>Calculus III. (M/SR; 4 cr; prereq 1102 or instr consent)</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Sci 2200</td>
<td>Atkinson</td>
<td>Max 35</td>
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<tr>
<td>Math 2202.</td>
<td>Mathematical Perspectives. (M/SR; 4 cr; prereq 1101)</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Sci 2200</td>
<td>Logan</td>
<td>Max 30</td>
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<tr>
<td>Math 2993.</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 4655</td>
<td>Ng</td>
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<tr>
<td>Math 3111.</td>
<td>Linear Algebra. (4 cr; prereq 1102 or instr consent)</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Sci 4655</td>
<td>Roberts</td>
<td>Max 30</td>
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<tr>
<td>Math 3231.</td>
<td>Abstract Algebra I. (4 cr; prereq 2111, 2202 or instr consent)</td>
<td>9:15-10:20 am</td>
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<td>Sci 4655</td>
<td>Roberts</td>
<td>Max 30</td>
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<tr>
<td>Math 3993.</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 4655</td>
<td>Ng</td>
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<tr>
<td>Math 4993.</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<td>MWF</td>
<td>Sci 4655</td>
<td>Ng</td>
<td>Max 30</td>
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</table>

*Spring Semester 2019*
### MUSIC

**Mus 0100. Concert Attendance.** (0 cr; prereq major or minor; S-N only)
- 65315 Sec 1: Arranged, music majors only
- 66642 Sec 2: Arranged, music minors only

**Mus 1044. Class Piano for the Non-Music Major.** (ArtP; 1 cr; special fee required)
- 65354 Sec 1: 1:00-1:50 pm, Mon, HFA 175, Bae, Max 12
- 65355 Sec 2: 1:00-1:50 pm, Wed, HFA 175, Bae, Max 12
- 65627 Sec 3: 9:50-10:40 am, Tue, HFA 175, Bae, Max 12

**Mus 1045. Class Guitar.** (ArtP; 1 cr; special fee required)
- 66205: 12:50-1:50 pm, Tue, HFA 17, Flegel, Max 25

**Mus 1049. Introduction to American Popular Music.** (Hum; 4 cr)
- 66175: 10:30-11:35 am, MWF, HFA 185, D. Odello, Max 30

**Mus 1050. Accompanying.** (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
- 65013: 6:15-7:15 pm, Thu, HFA 160, DuHamel

**Mus 1061. Fundamentals of Music.** (IP; 4 cr)
- 66174: 11:45-12:50 pm, MW, HFA 185, D. Odello, Max 30

**Mus 1070. Instrumental Chamber Ensemble.** (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
- 65015: 6:00-7:00 pm, Wed, HFA 180, Tillier

**Mus 1080. Jazz Combo.** (ArtP; 1 cr [max 8 cr]; S-N only)
- 65016: 6:00-7:00 pm, Mon, HFA 180, Campbell

**Mus 1112. Functional Keyboard for the Music Major II.** (ArtP; 1 cr; prereq 1111, music major or minor; special fee required)
- 65316 Sec 1: 1:40-2:30 pm, TTh, HFA 175, DuHamel, Max 12
- 65317 Sec 2: 12:50-1:40 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)
- 65536: 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)
- 65537 Sec 1: 9:15-10:05 am, Fri, HFA 175, Flinn, Max 12
- 65602 Sec 2: 10:30-11:20 am, Fri, HFA 175, Flinn, Max 12

**Mus 1156. Foundations in Music History II: 1750 to Contemporary.** (FA; 2 cr; prereq 1155, coreq 1152, 1154)
- 65538: 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**
- 65017 Sec 1: Arranged, DuHamel
- 65153 Sec 2: Arranged, Bae
- 65154 Sec 3: Arranged, Helder

**Mus 1201. Piano Accompanying**
- 65018: Arranged, DuHamel

**Mus 1202. Organ**
- 65019: Arranged, Staff

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<td><strong>Mus 1203. Harpsichord</strong></td>
<td>65020</td>
<td>Arranged DuHamel</td>
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<td><strong>Mus 1204. Voice</strong></td>
<td>65021</td>
<td>Arranged A. Miller</td>
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<td>65026</td>
<td>Arranged Staff</td>
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<td>65028</td>
<td>Arranged Tillier</td>
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<td><strong>Mus 1205. Violin</strong></td>
<td>65022</td>
<td>Arranged Corbett</td>
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<td>65023</td>
<td>Arranged Corbett</td>
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<td><strong>Mus 1206. Viola</strong></td>
<td>65024</td>
<td>Arranged Staff</td>
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<td><strong>Mus 1207. Cello</strong></td>
<td>65025</td>
<td>Arranged Staff</td>
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<tr>
<td><strong>Mus 1208. Double Bass</strong></td>
<td>65027</td>
<td>Arranged Bushman</td>
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<tr>
<td><strong>Mus 1209. Flute</strong></td>
<td>65028</td>
<td>Arranged Tillier</td>
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<tr>
<td><strong>Mus 1210. Oboe</strong></td>
<td>65029</td>
<td>Arranged Campbell</td>
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<tr>
<td><strong>Mus 1211. Clarinet</strong></td>
<td>65030</td>
<td>Arranged Staff</td>
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<tr>
<td><strong>Mus 1212. Saxophone</strong></td>
<td>65031</td>
<td>Arranged Staff</td>
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<tr>
<td><strong>Mus 1214. Trumpet</strong></td>
<td>65032</td>
<td>Arranged Varpness</td>
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<tr>
<td><strong>Mus 1215. French Horn</strong></td>
<td>65033</td>
<td>Arranged Varpness</td>
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<tr>
<td><strong>Mus 1216. Trombone</strong></td>
<td>65034</td>
<td>Arranged M. Odello</td>
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<td><strong>Mus 1217. Euphonium</strong></td>
<td>65035</td>
<td>Arranged Horey</td>
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<td><strong>Mus 1218. Tuba</strong></td>
<td>65036</td>
<td>Arranged Flegel</td>
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<td><strong>Mus 1219. Percussion</strong></td>
<td>65037</td>
<td>Arranged Flegel</td>
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<td><strong>Mus 1220. Electric Bass</strong></td>
<td>65038</td>
<td>Arranged Flegel</td>
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<tr>
<td><strong>Mus 1221. Guitar</strong></td>
<td>65039</td>
<td>Arranged Flinn</td>
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<tr>
<td><strong>Mus 1222. Electric Bass</strong></td>
<td>65040</td>
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<tr>
<td><strong>Mus 1223. Composition</strong></td>
<td>65041</td>
<td>Arranged Flinn</td>
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<tr>
<td><strong>Mus 1300. UMM Symphonic Winds.</strong></td>
<td>65036</td>
<td>3:30-5:20 pm MWF HFA 180 Tillier</td>
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<td>65037</td>
<td>7:00-9:00 pm Tue HFA 180 Geston</td>
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<tr>
<td><strong>Mus 1301. ChamberWinds.</strong></td>
<td>65038</td>
<td>5:00-6:00 pm Mon HFA 170 Geston</td>
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<td>65039</td>
<td>4:45-6:15 pm TW</td>
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<th>Instructor</th>
<th>Time</th>
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<th>Max Enrollment</th>
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<tr>
<td>Mus 1330</td>
<td>Jazz Ensemble</td>
<td>1 cr</td>
<td>S-N only</td>
<td>Campbell</td>
<td>2:15-3:20 pm</td>
<td>HFA 180</td>
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<tr>
<td>Mus 1331</td>
<td>Brass Ensemble</td>
<td>1 cr</td>
<td>S-N only [max 8 cr]; prerequisite instr consent</td>
<td>Campbell</td>
<td>4:30-5:20 pm</td>
<td>HFA 180</td>
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<td>Mus 1350</td>
<td>Choral Ensembles: Community Membership</td>
<td>0 cr</td>
<td>prerequisite instr consent (Meets w/Mus 1310)</td>
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<td>Mus 1351</td>
<td>Jazz Ensembles: Community Membership</td>
<td>0 cr</td>
<td>prerequisite instr consent</td>
<td>Campbell</td>
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<tr>
<td>Mus 1352</td>
<td>Wind/Brass Ensembles: Community Membership</td>
<td>0 cr</td>
<td>prerequisite instr consent (Meets w/Mus 1300)</td>
<td>Tillier</td>
<td>3:30-5:20 pm</td>
<td>HFA 180</td>
<td>Max 20</td>
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<tr>
<td>Mus 1353</td>
<td>Orchestra: Community Membership</td>
<td>0 cr</td>
<td>prerequisite instr consent (Meets w/Mus 1370)</td>
<td>Corbett</td>
<td>6:30-8:00 pm</td>
<td>HFA 180</td>
<td>Max 20</td>
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<tr>
<td>Mus 1370</td>
<td>Chamber Orchestra</td>
<td>1 cr</td>
<td>[max 8 cr]; S-N only</td>
<td></td>
<td>6:30-8:00 pm</td>
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<tr>
<td>Mus 1401</td>
<td>English, Italian, German, and French Diction for Singers</td>
<td>1 cr</td>
<td></td>
<td>A Miller</td>
<td>8:50-9:40 am</td>
<td>HFA 170</td>
<td>Max 20</td>
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<tr>
<td>Mus 1411</td>
<td>Vocal Performance Workshop</td>
<td>1 cr</td>
<td>prerequisite instr consent</td>
<td>A. Miller</td>
<td>9:50-11:30 am</td>
<td>HFA 170</td>
<td>Max 20</td>
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<tr>
<td>Mus 2045</td>
<td>Intermediate Class Guitar</td>
<td>2 cr</td>
<td>prerequisite 1045 or instr consent</td>
<td>Flegel</td>
<td>2:40-3:40 pm</td>
<td>HFA 170</td>
<td>Max 15</td>
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<tr>
<td>Mus 2112</td>
<td>Functional Keyboard for the Music Major IV</td>
<td>1 cr</td>
<td>prerequisite 2111, music major or minor; special fee required</td>
<td></td>
<td>2:40-3:30 pm</td>
<td>HFA 175</td>
<td>Max 12</td>
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<tr>
<td>Mus 2305</td>
<td>Instrumental Techniques – Percussion</td>
<td>1 cr</td>
<td>prerequisite major or minor or instr consent</td>
<td>DuHamel</td>
<td>9:15-10:20 am</td>
<td>HFA 180</td>
<td>Max 30</td>
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<tr>
<td>Mus 2401</td>
<td>Piano from Bach to Jazz</td>
<td>2 cr</td>
<td></td>
<td>DuHamel</td>
<td>10:40-11:30 am</td>
<td>HFA 185</td>
<td>Max 25</td>
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<tr>
<td>Mus 2406</td>
<td>Jazz Style and Repertoire</td>
<td>2 cr</td>
<td></td>
<td>Campbell</td>
<td>2:40-3:30 pm</td>
<td>HFA 185</td>
<td>Max 25</td>
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<tr>
<td>Mus 3108</td>
<td>Intellectual Foundations of Western Music</td>
<td>2 cr</td>
<td>prerequisite 1101 or equiv or instr consent</td>
<td>Flinn</td>
<td>1:00-2:05 pm</td>
<td>HFA 185</td>
<td>Max 12</td>
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<tr>
<td>Mus 3109</td>
<td>Analysis of Popular Music</td>
<td>2 cr</td>
<td>prerequisite 1101 or equiv or instr consent</td>
<td>Flinn</td>
<td>1:00-2:05 pm</td>
<td>HFA 185</td>
<td>Max 12</td>
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<tr>
<td>Mus 3200-3223</td>
<td>Advanced Individual Performance Studies</td>
<td>1 cr</td>
<td>prerequisite instr consent; special fee required</td>
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**Spring Semester 2019**
Mus 3203. Harpsichord
65042       Arranged    DuHamel

Mus 3204. Voice
65043 Sec 1       Arranged    A. Miller
65159 Sec 2       Arranged    Howes
65160 Sec 3       Arranged    K. Miller

Mus 3205. Violin
65044
Mus 3206. Viola
65045
Mus 3207. Cello
65046       Arranged    Staff

Mus 3208. Double Bass
65047
Mus 3209. Flute
65048       Arranged    Staff

Mus 3210. Oboe
65049
Mus 3211. Clarinet
65050       Arranged    Tillier

Mus 3212. Saxophone
65051
Mus 3214. Trumpet
65052
Mus 3215. French Horn
65053
Mus 3216. Trombone
65054       Arranged    Varpness

Mus 3217. Euphonium
65055
Mus 3218. Tuba
65056
Mus 3219. Percussion
65057       Arranged    Horey

Mus 3221. Guitar
65210
Mus 3222. Electric Bass
65211
Mus 3223. Composition
65242 Sec 1     Arranged    Campbell
65604 Sec 3     Arranged    Flinn

Mus 3224. Improvisation
66451       Arranged    Campbell

Mus 3221. Instrumental Conducting and Materials. (2 cr; prereq 3311, major or minor or instr consent)
65805       11:45-12:50 pm    MWF    HFA 180    Tillier

Mus 3352. Choral Arranging. (ArtP; 2 cr; prereq 1102; A-F only)
65807       1:40-2:30 pm    TTh    HFA 185    Flinn

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)
65058       Arranged    D. Odello

Spring Semester 2019
## NATIVE AMERICAN AND INDIGENOUS STUDIES

**NAIS 1002. Beginning Dakota Language II.** (FL; 4 cr; prereq 1001 or instr consent)  
65793  9:50-11:30 am  TTh  Hum 5  Staff  Max 25  
**NAIS 1012. Beginning Anishinaabe Language II.** (FL; 4 cr; prereq 1011)  
65605  9:15-10:20 am  MWF  IH 112  Kmett  Max 25  
**NAIS 1054. Associated Languages: Introduction to Nahuatl Language.** (IP; 4 cr; prereq instr consent; due to the fact that many Nahuatl texts are bilingual, it is recommended that students have completed at least two years of college-level Spanish)(Meets w/Span 1054)  
664689  9:50-11:30 am  TTh  Hum 211  Coon  Max 10  
**NAIS 1101. Introduction to Native American and Indigenous Studies.** (HDiv, 4 cr)  
65544  2:40-4:20 pm  TTh  Hum 11  Staff  Max 25  
**NAIS 2012. Intermediate Anishinaabe Language II.** (Hum; 4 cr; prereq 2011 or placement or instr consent)  
66108  11:45-12:50 pm  MWF  HFA 18  Desrosiers  Max 25  
**NAIS 2801. Anishinaabe Song and Dance: An Exploration of Song and Dance, Traditions and Practices.** (HDiv; 4 cr; prereq 1011 or instr consent)  
65792  1:00-2:05 pm  MWF  HFA 18  Desrosiers  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
### PHILOSOPHY

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

**Phil 2111. Introductory Ethics.** (Hum; 4 cr)
- 65288 Sec 1: 8:00-9:05 am MWF, Hum 111, Demetriou, Max 25
- 65289 Sec 2: 9:15-10:20 am MWF, Hum 111, Demetriou, Max 25

**Phil 2113. International and Biomedical Ethics.** (Hum; 4 cr)
- 65819: 2:40-4:20 pm TTh, Hum 111, Staff, Max 25

**Phil 2141. Analytical Feminism.** (Hum; 4 cr)
- 65818: 12:50-2:30 pm TTh, Hum 111, Garavaso, Max 25

**Phil 2162. Ethics of Love and Sex.** (Hum; 4 cr)
- 65815: 11:45-12:50 pm MWF, Sci 4655, Demetriou, Max 25

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

**Phil 3151. History of Ancient Philosophy.** (Hist; 4 cr; prereq 1101 or 2101 or 2111 or instr consent)
- 65817: 9:50-11:30 am TTh, Hum 111, Staff, Max 25

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

**Phil 4903. Advanced Seminar in Metaphysics and Epistemology.** (Hum; 4 cr; prereq 1101 or 2101 or 2111, sr status, instr consent)
- 65820: 4:30-6:10 pm TTh, Hum 12, Garavaso, Max 10

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

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PHYSICS

Phys 1092. Principles of Physics II. (Sci-L; 5 cr; prereq 1091)
Lec 1 10:30-11:35 am  MWF  Sci 1030  Korth
65219 Lab 2 9:00-11:00 am  Thu  Sci 4550  Korth  Max 18
65337 Lab 3 2:00-4:00 pm  Thu  Sci 4550  Korth  Max 18

Phys 1101. General Physics I. (Sci-L; 5 cr; prereq Math 1101 or instr consent)
Lec 1 10:30-11:35 am  MWF  Sci 2950  Boyd
64986 Lab 2 2:15-4:15 pm  Mon  Sci 4550  Boyd  Max 18
64987 Lab 3 9:00-11:00 am  Tue  Sci 4550  Morgan  Max 18
64988 Lab 4 2:00-4:00 pm  Tue  Sci 4550  Boyd  Max 18
65949 Lab 5 2:15-4:15 pm  Wed  Sci 4550  Boyd  Max 18

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

Phys 2101. Modern Physics. (Sci-L; 4 cr; prereq 1102, Math 2401 or instr consent)
Lec 1 9:50-11:05 am  TTh  Sci 3655  McIntosh
64990 Lab 2 1:00-4:00 pm  Tue  Sci 4650  McIntosh  Max 12

Phys 2201. Circuits and Electronic Devices. (Sci-L; 4 cr; prereq 1102 or instr consent)
Lec 1 10:30-11:20 am  MWF  Sci 3665  Morgan
65952 Lab 2 1:00-4:00 pm  Thu  Sci 4610  Morgan  Max 12

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

Phys 3003. Computer Modeling of Materials. (Sci; 2 cr; prereq 1102)
65953 12:15-2:00 pm  Fri  Sci 4530  Boyd  Max 10

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

Phys 4201. Quantum Mechanics. (4 cr; prereq 2101, Math 2101)
65319 3:30-4:35 pm  MWF  Sci 3665  Korth  Max 15

Phys 4902. Senior Thesis II. (1 cr; prereq 4901)
65406 Arranged  Korth, McIntosh, Morgan, Boyd

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

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Spring Semester 2019
### POLITICAL SCIENCE

**Pol 1101. Introduction to Political Theory.** (E/CR; 4 cr)  
65446  
11:45-12:50 pm  
MWF  
IH 109  
Breen  
Max 50

**Pol 1202. Law and Society: Introduction to Public Law.** (SS; 4 cr)  
65907  
8:00-9:40 am  
TTh  
IH 114  
Lindberg  
Max 30

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

**Pol 2234. Race, Class and Power: Social Movements in U.S. Politics.** (HDiv; 2 cr)  
65902  
10:30-11:35 am  
MWF (1st half)  
IH 113  
Lindberg  
Max 25

**Pol 2235. Race, Class and Power: Interest Groups in U.S. Politics.** (HDiv; 2 cr)  
65903  
10:30-11:35 am  
MWF (2nd half)  
IH 113  
Lindberg  
Max 25

**Pol 2261. States: Laboratories of American Democracy.** (E/CR; 2 cr; prereq 1201 or instr consent)  
65909  
9:50-11:30 am  
TTh (1st half)  
Hum 205  
Rose  
Max 25

**Pol 2262. Power and Politics in American Cities and Communities.** (E/CR; 2 cr)  
65910  
9:50-11:30 am  
TTh (2nd half)  
Hum 205  
Rose  
Max 25

**Pol 2501. East Asian Society and Politics.** (SS; 4 cr)  
65905  
12:50-2:30 pm  
TTh  
IH 217  
Joo  
Max 25

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

**Pol 3352. Modern Political Thought.** (Hum; 4 cr; prereq 1101 or instr consent)  
65901  
9:15-10:20 am  
MWF  
IH 111  
Breen  
Max 25

**Pol 3411. International Law.** (E/CR; 4 cr; prereq 1401 or instr consent)  
65906  
4:30-6:10 pm  
TTh  
IH 203  
Joo  
Max 25

**Pol 3475. International Human Rights.** (4 cr; prereq 1401 or instr consent)  
65904  
3:30-5:10 pm  
MW  
IH 114  
Rose  
Max 25

**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 4205. Seminar in American Politics.** (4 cr; prereq 1201, 2001 or instr consent)  
66282  
2:40-4:20 pm  
TTh  
IH 203  
Lindberg  
Max 15

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

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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Hours</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max Capacity</th>
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<td>Introduction to Psychology</td>
<td>SS; 4 cr</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>IH 109</td>
<td>D. Stewart</td>
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<td>Psy 2001</td>
<td>Research Methods in Psychology</td>
<td>SS; 4 cr; prereq 1051, Stat 1601 or Stat 2601, or instr consent</td>
<td>65331 Sec 1 9:15-10:20 am</td>
<td>MWF</td>
<td>IH 113</td>
<td>C. Stewart</td>
<td>Max 20</td>
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<td>Drugs and Human Behavior</td>
<td>SS; 2 cr; prereq 1051 or instr consent</td>
<td>65320 11:45-12:50 pm</td>
<td>MWF (1st half)</td>
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<td>Michael</td>
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<td>IH 217</td>
<td>D. Stewart</td>
<td>Max 17</td>
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<td>Psy 3112</td>
<td>Cognition</td>
<td>4 cr; prereq 2001 or instr consent</td>
<td>65081 10:30-11:35 am</td>
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<td>Comparative Psychology</td>
<td>Sci-L; 4 cr; prereq [1051, 2001] or Biol 2111</td>
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<td>Psy 3261</td>
<td>Human Sexuality</td>
<td>4 cr; prereq 1051, 2001</td>
<td>65414 12:50-2:30 pm</td>
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<td>4 cr; prereq 1051 or instr consent</td>
<td>65559 2:40-4:20 pm</td>
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<td>Sci 2190</td>
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<td>Developmental Psychology I: Child Psychology</td>
<td>4 cr; prereq 1051 or instr consent</td>
<td>66287 12:50-2:30 pm</td>
<td>TTh</td>
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<td>Psy 3402</td>
<td>Developmental Psychology II: Adolescence and Emerging Adulthood</td>
<td>4 cr; prereq 1051 or instr consent</td>
<td>65415 4:30-6:10 pm</td>
<td>TTh</td>
<td>IH 112</td>
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<td>Psy 3403</td>
<td>Developmental Psychology III: Adulthood and Aging</td>
<td>E/CR; 4 cr; prereq 1051 or instr consent</td>
<td>65588 8:00-9:40 am</td>
<td>TTh</td>
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<td>Psy 3501</td>
<td>Social Psychology</td>
<td>4 cr; prereq Psy 1051 or Soc 1101 or instr consent</td>
<td>66288 8:00-9:00 am</td>
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<td>Psy 3504</td>
<td>Educational Psychology</td>
<td>4 cr; prereq 1051</td>
<td>65332 11:45-12:50 pm</td>
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<td>Psy 3521</td>
<td>Health Psychology</td>
<td>4 cr; prereq 1051</td>
<td>66452 1:00-2:05 pm</td>
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<td>History and Philosophy of Psychology</td>
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<td>Psy 3800</td>
<td>Research Practicum</td>
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<td>Psy 3993</td>
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<td>Psy 4101</td>
<td>Helping Relationships</td>
<td>4 cr</td>
<td>4:30-6:10 pm</td>
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<td>Psy 4102</td>
<td>Intro to Prof Conduct, Legal Constraints, Ethics in Human Services</td>
<td>4 cr</td>
<td>11:45-12:50 pm</td>
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<td>Psy 4301</td>
<td>Clinical Assessment and Therapeutic Interventions</td>
<td>4 cr</td>
<td>2:40-4:20 pm</td>
<td>Sci 3650</td>
<td>Loehle-Conger</td>
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<td>Psy 4896</td>
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<td>Psy 4910</td>
<td>Advanced Seminar in Learning or Cognitive Psychology</td>
<td>4 cr</td>
<td>9:50-11:30 am</td>
<td>IH 115</td>
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<td>Advanced Seminar in Biological or Comparative Psychology</td>
<td>4 cr</td>
<td>3:30-4:35 pm</td>
<td>IH 203</td>
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<td>Psy 4950</td>
<td>Advanced Seminar in Social Psychology</td>
<td>4 cr</td>
<td>8:00-9:05 am</td>
<td>IH 202</td>
<td>D. Stewart</td>
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<td>Psy 4960</td>
<td>Advanced Seminar in Health Psychology</td>
<td>4 cr</td>
<td>3:30-4:35 pm</td>
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## SOCIOLGY

**Soc 1101. Introductory Sociology.** (SS; 4 cr)
- **65394**  
  2:15-3:20 pm  
  MWF  
  Sci 2950  
  Gilanshah  
  Max 70
- **66321**  
  Completely Online  
  Johnson  
  Max 30

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

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

**Soc 3122. Sociology of Childhoods.** (HDiv; 4 cr; prereq 1101 or instr consent)
- **65844**  
  2:40-4:20 pm  
  TTh  
  IH 112  
  Rothchild  
  Max 30

**Soc 3123. Sociology of Aging.** (HDiv; 4 cr; prereq 1101)
- **65846**  
  9:15-10:20 am  
  MWF  
  Sci 2185  
  Gilanshah  
  Max 30

**Soc 3252 Women in Muslim Society.** (IP; 4 cr; prereq 1101 or Anth 1111)
- **65847**  
  11:45-12:50 pm  
  MWF  
  Sci 3665  
  Gilanshah  
  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)
- **65321**  
  4:30-6:10 pm  
  TTh  
  IH 217  
  Rothchild  
  Max 15

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

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# SPANISH

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

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<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<td>Sec 1</td>
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<td>Hum 211</td>
<td>Genova</td>
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<td>Sec 2</td>
<td>10:30-11:35 am</td>
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<td>Hum 211</td>
<td>Roberts</td>
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<td>Sec 3</td>
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<td>Sec 4</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td>Hum 211</td>
<td>Genova</td>
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## Span 1003. Accelerated Beginning Spanish.  
(FL; 4 cr; prereq placement or instr consent)

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<td>IH 114</td>
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## Span 1054. Associated Languages: Introduction to Nahuatl Language.  
(IP; 4 cr; prereq instr consent; due to the fact that many Nahuatl texts are bilingual, it is recommended that students have completed at least two years of college-level Spanish)(Meets w/NAIS 1054)

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<td>TTh</td>
<td>Hum 211</td>
<td>Coon</td>
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(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)

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<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
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<td>Span 2002</td>
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<td>Roberts</td>
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<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Hum 211</td>
<td>Roberts</td>
<td>Max 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>
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<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<td>Sec 1</td>
<td>9:50-11:30 am</td>
<td>TTh (1st half)</td>
<td>IH 217</td>
<td>Wojtaszek</td>
<td>Max 15</td>
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<tr>
<td></td>
<td>Sec 2</td>
<td>12:50-2:30 pm</td>
<td>TTh (2nd half)</td>
<td>IH 203</td>
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## Span 3112. Readings in Spanish II.  
(Hum; 2 cr; prereq 3012, 3111 or instr consent)

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## Span 3212. Literature and Culture of Spain.  
(Hum; 4 cr; prereq 3012, 3112, or instr consent)

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## Span 3692. Seminar: Nahua Media and Culture.  
(IP; 4 cr; prereq 3012, 3112)

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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)

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<th>Time</th>
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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<td>4:30-6:10 pm</td>
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## 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)
- 65168 Sec 1 11:45-12:50 pm MWF (1st half) PEC 251 P. Grove Max 25
- 65169 Sec 2 9:50-11:30 am TTh (2nd half) PEC 250 Molesworth Max 25

**SSA 1052. Societal Issues in Health and Wellness.** (SS; 2 cr)
- 65170 11:45-12:50 pm MWF (2nd half) PEC 251 Staff Max 25

**SSA 1101. First Aid.** (1 cr)
- 65171 12:50-2:30 pm TTh (1st half) PEC 250 Staff Max 25

**SSA 1219. Strength Training.** (1 cr [max 2 cr]; S-N only)
- 65172 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)
- 65395 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)
- 65244 4:00-6:00 pm (2nd half) Harding

**SSA 1402. Varsity Basketball.** (0.5 cr [max 2 cr]; S-N only)
- 65150 Sec 1 Men 4:00-6:00 pm (1st half) P. Grove
- 65245 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)
- 65246 4:00-6:00 pm (2nd half) Pennie-Roy

**SSA 1407. Varsity Tennis.** (0.5 cr [max 2 cr]; S-N only)
- 65247 Sec 1 Men 4:00-6:00 pm (2nd half) Staff
- 65248 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)
- 65249 Sec 1 Men 4:00-6:00 pm Devine
- 65250 Sec 2 Women 4:00-6:00 pm Devine

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

**SSA 2121. Prevention and Care of Injuries.** (4 cr; prereq 2111)
- Lec 1 8:00-9:05 am MWF PEC 251 Bowman
- 65194 Lab 2 9:15-10:20 am Mon PEC 139 Bowman Max 22
- 65195 Lab 3 8:00-9:05 am Tue PEC 139 Bowman Max 22

**SSA 2205. Track and Field Coaching.** (2 cr)
- 65173 10:30-11:35 am MWF (2nd half) PEC 250 Devine Max 35

**SSA 2401. Sociological Aspects of Sports.** (SS; 2 cr)
- 65192 1:00-2:05 pm MWF (1st half) IH 112 Bryant Max 25

**SSA 2402. Psychological Aspects of Sports.** (SS; 2 cr; prereq 2401)
- 65202 1:00-2:05 pm MWF (2nd half) PEC 250 Hoffmann Max 25

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

*Spring Semester 2019*
**SSA 3101. Sport Industry Analysis.** (SS; 4 cr; prereq 2302, Stat 1601 or Stat 2601 or instr consent)
65280  10:30-11:35 am  MWF  Sci 2200  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)
65206  9:50-11:30 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)
65336  12:50-2:30 pm  TTh  Hum 11  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)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<td>64980</td>
<td>Sec 2</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
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### 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)

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<th>Max</th>
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<td>Sci 3610</td>
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### 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)(Meets w/CSci 2701)

<table>
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<tr>
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<th>Max</th>
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### 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)

<table>
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<td>TTh</td>
<td>Sci 3550</td>
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### Stat 3901. Statistical Communication. (2 cr; prereq stat major, jr or sr status or instr consent)

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<td>65561</td>
<td>4:30-6:30 pm</td>
<td>Tue</td>
<td>Sci 3610</td>
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### Stat 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

### Stat 4601. Biostatistics. (4 cr; prereq 1601 or 2601 or 2611 or instr consent)

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<th>Location</th>
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<tr>
<td>65961</td>
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<td>Sci 3550</td>
<td>Anderson</td>
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### Stat 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged

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THEATRE ARTS

**Th 1060. Production Experience.** (1 cr [max 8 cr]; prereq instr consent; S-N only)
65068 Sec 1 Arranged Granholm
65452 Sec 2 Arranged Granholm

**Th 1070. Performance Experience.** (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
65069 Sec 1 Arranged Granholm
65453 Sec 2 Arranged Granholm

**Th 1111. Fundamentals of Acting.** (ArtP; 4 cr; prereq 1101, theatre arts major or minor or instr consent)
65188 9:50-11:30 am TTh HFA 125 Bremer Max 15

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

**Th 2101. Fundamentals of Directing.** (ArtP; 4 cr; prereq 1111, theatre arts major or minor or instr consent)
66547 10:30-11:35 am MWF HFA 125 Schultz Max 16

**Th 2111. Creative Drama with Children.** (ArtP; 4 cr; prereq 1101 or theatre or elem ed major or instr consent)
65812 9:15-10:20 am MWF HFA 125 Bremer Max 24

**Th 2201. Voice and Movement.** (ArtP; 4 cr; prereq 1111, theatre arts major or minor or instr consent)
65564 12:50-2:30 pm TTh HFA 125 Bremer Max 10

**Th 2301. Stagecraft.** (ArtP; 4 cr; 3 hrs lect, 3 hrs practicum)
65070 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 3xxx. TBA.**
9:50-11:30 am TTh HFA 26 Granholm Max 12

**Th 3102. World Theatre: History and Literature II.** (FA; 4 cr)
65411 2:15-3:20 pm MWF HFA 6 Schultz Max 20

**Th 3202. Advanced Directing.** (ArtP; 4 cr; prereq 1101, 1111, 2101, 2111)
65809 10:30-11:35 am MWF HFA 125 Schultz Max 20

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

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

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