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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**

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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)  
Akina

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

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<td>10:30-12:00 pm</td>
<td>Mon</td>
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<td>Beaver</td>
<td>15</td>
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<tr>
<td>Lab 3</td>
<td>8:00-9:30 am</td>
<td>Tue</td>
<td>IH 3</td>
<td>Beaver</td>
<td>15</td>
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<tr>
<td>Lab 4</td>
<td>9:50-11:20 am</td>
<td>Tue</td>
<td>IH 3</td>
<td>Beaver</td>
<td>15</td>
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<tr>
<td>Lab 5</td>
<td>12:50-2:20 pm</td>
<td>Tue</td>
<td>IH 3</td>
<td>Beaver</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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<td>65474</td>
<td>8:50-9:40 am</td>
<td>TTh</td>
<td>IH 217</td>
<td>Ortiz</td>
<td>30</td>
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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)

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<td>65164</td>
<td>9:50-10:40 am</td>
<td>TTh</td>
<td>IH 101</td>
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**Anth 3002. Theory in Archaeology and Biological Anthropology.** (2 cr; prereq 2001 or 2002)

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<td>65475</td>
<td>10:50-11:40 am</td>
<td>TTh</td>
<td>IH 101</td>
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### Anth 3004. Gender and Sexuality in Latin America. (IP; 4 cr)

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<td>65837</td>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>IH 101</td>
<td>Ortiz</td>
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### Anth 3705. The Archaeology of Death and Burial. (4 cr; prereq 1103)

<table>
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<td>65834</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>IH 217</td>
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### Anth 3761. Human Fossil Record.** (Sci; 2 cr; prereq 1201)

<table>
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<tr>
<td>66448</td>
<td>TBA</td>
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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

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<td>ArtH 1121</td>
<td>Renaissance to Modern Art. (FA; 4 cr)</td>
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<td>10:30-11:35 am</td>
<td>MWF</td>
<td>HFA 6</td>
<td>Dabbs</td>
<td>Max 48</td>
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<td>ArtH 1131</td>
<td>Art Beyond the West: Legacies of Colonialism and Imperialism. (FA; 4 cr)</td>
<td></td>
<td>12:50-2:30 pm</td>
<td>TTH</td>
<td>HFA 6</td>
<td>Basu</td>
<td>Max 30</td>
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<td>ArtH 3221</td>
<td>Contemporary Art, 1950 to the Present. (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)</td>
<td></td>
<td>3:30-5:10 pm</td>
<td>MW</td>
<td>HFA 2</td>
<td>Basu</td>
<td>Max 15</td>
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<td>ArtH 3231</td>
<td>History of Photography. (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)</td>
<td></td>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>HFA 2</td>
<td>Basu</td>
<td>Max 15</td>
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<tr>
<td>ArtH 3993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq any 1xxx ArtH course or jr status, approved directed study form)</td>
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<tr>
<td>ArtH 4810</td>
<td>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)</td>
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<td>ArtH 4901</td>
<td>Capstone Assessment of Student Experience in Art History. (1 cr; prereq ArtH major, instr consent; S-N only)</td>
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<td>Dabbs</td>
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<tr>
<td>ArtH 4993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq any 1xxx ArtH course or jr status, approved directed study form)</td>
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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)
65759 9:00-11:30 am MW HFA 130 Ramey Max 16

**ArtS 1050. Beginning Ceramics.** (ArtP; 3 cr [max 6 cr]; materials fee required)
65281 9:00-11:30 pm MW HFA 145 Stansbury Max 12

**ArtS 1102. Basic Studio Drawing II.** (ArtP; 2 cr; prereq 1101, coreq 1104, 1106; one 1xxx ArtH course recommended during the same year; materials fee required)
65001 1:00-3:00 pm MW HFA 130 Larson Max 16

**ArtS 1104. Basic Studio 3-D Design.** (ArtP; 2 cr; prereq 1103, coreq 1102, 1106; one 1xxx ArtH course recommended during the same year; materials fee required)
65002 9:15-11:15 am TTh HFA 145 Ramey Max 12

**ArtS 1106. Basic Studio Discussion II.** (ArtP; 1 cr; prereq 1105, coreq 1102, 1104; one 1xxx ArtH course recommended during the same year)
65003 11:30-12:50 pm Mon HFA 2 Larson Max 16

**ArtS 3012. Media Studies: Ceramics.** (ArtP; 3 cr [max 9 cr]; prereq major or minor; materials fee required)
65761 4:00-6:00 pm TTh HFA 145 Stansbury Max 12

**ArtS 3110. Advanced Drawing II.** (ArtP; 3 cr [max 9 cr]; prereq 2101, 2102; 3100 recommended; materials fee required)
65004 9:00-11:30 am Mon HFA 15 Larson Max 12

**ArtS 3210. Printmaking Studio II.** (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for jrs and srs; materials fee required)
65235 1:00-4:00 pm TTh HFA 15 Otten Max 14

**ArtS 3310. Painting Studio II.** (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for jrs and srs; materials fee required)
65208 9:00-11:30 am TTh HFA 135 Nordin Max 14

**ArtS 3410. Sculpture Studio II.** (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for jrs and srs; materials fee required)
65209 1:00-4:00 pm MW HFA 145 Ramey Max 14

**ArtS 3510. Photographic and Digital Processes II: Adobe Creative Suite Processes.** (ArtP; 3 cr [max 9]; prereq major or minor or instr consent; materials fee required)
65388 9:00-12:00 pm Wed HFA 26 Larson Max 10

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

**ArtS 4903. Senior Thesis Project II.** (1 cr; prereq 4902; A-F only; materials fee required)
65271 12:00-12:50 pm Wed HFA 2 Otten Max 12

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

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### Spring Semester 2019

#### BIOLOGY

**Biol 1002. Human Nutrition.** (Sci; 3 cr; no elective cr for biol majors or minors)
- **65225**  
  12:50-2:05 pm  
  TTh  
  Sci 2185  
  Hardy  
  Max 15

**Biol 1111. Fundamentals of Genetics, Evolution, and Development.** (Sci; 3 cr; prereq biol major/minor or chem major or any health sciences preprofessional program or ELEd or SeEd major with middle school science specialties or instr consent)
- **65236 Sec 1**  
  9:50-11:05 am  
  TTh  
  Sci 3650  
  Staff  
  Max 40
- **65386 Sec 2**  
  1:00-1:50 pm  
  MWF  
  Sci 3610  
  Staff  
  Max 40

**Biol 2101. Evolution of Biodiversity.** (Sci-L; 4 cr; prereq C- or better in 1101 or 1111 or instr consent)
- **Lec 1**  
  1:00-2:05 pm  
  MW  
  Sci 1020  
  Staff  
  Max 18
- **64950 Lab 2**  
  8:30-11:30 am  
  Thu  
  Sci 2130  
  Staff  
  Max 18
- **64951 Lab 3**  
  1:00-4:00 pm  
  Thu  
  Sci 2130  
  Staff  
  Max 18
- **65309 Lab 4**  
  2:15-5:15 pm  
  Wed  
  Sci 2130  
  Staff  
  Max 18
- **65310 Lab 5**  
  8:30-11:30 am  
  Tue  
  Sci 2130  
  Staff  
  Max 18
- **65344 Lab 6**  
  2:00-5:00 pm  
  Tue  
  Sci 2130  
  Staff  
  Max 18

**Biol 2103. Introduction to Human Physiology.** (Sci; 4 cr; prereq 2102 or SSA 2102 or instr consent; no elective cr for biol majors or minors)
- **65265**  
  11:45-12:50 pm  
  MWF  
  Sci 2190  
  Waye  
  Max 40

**Biol 3121. Molecular Biology.** (Sci-L; 5 cr; prereq C- or better in 2111, Chem 2301 or instr consent)
- **Lec 1**  
  9:50-11:30 am  
  TTh  
  Sci 1020  
  Johnson  
  Max 16
- **64953 Lab 2**  
  8:00-10:00 am  
  Thu + arr  
  Sci 2170  
  Johnson  
  Max 16
- **64954 Lab 3**  
  1:00-3:00 pm  
  Wed + arr  
  Sci 2170  
  Johnson  
  Max 16
- **65481 Lab 4**  
  1:00-4:00 pm  
  Thu + arr  
  Sci 2170  
  Johnson  
  Max 16

**Biol 3700. Biological Communication I.** (1 cr; prereq Biol 2101, 2111)
- **65237 Sec 1**  
  2:15-3:05 pm  
  Wed  
  Sci 3665  
  Kuchenreuther  
  Max 15
- **65396 Sec 2**  
  1:00-1:50 pm  
  Thu  
  Sci 4655  
  Waye  
  Max 15

**Biol 3701. Biological Communication II.** (1 cr; prereq 3700, instr consent)
- 65 min/per week discussion arranged
  - **65181 Sec 1**  
    Arranged  
    Des Lauriers  
    Max 4
  - **65182 Sec 2**  
    Arranged  
    Kuchenreuther  
    Max 4
  - **65183 Sec 3**  
    Arranged  
    Johnson  
    Max 4
  - **65184 Sec 4**  
    Arranged  
    Staff  
    Max 4
  - **65185 Sec 5**  
    Arranged  
    Staff  
    Max 4
  - **65432 Sec 6**  
    Arranged  
    Staff  
    Max 4

**Biol 4104. Cell Signaling Mechanisms.** (4 cr; prereq 3121 or instr consent)
- **65921**  
  1:00-2:05 pm  
  MWF  
  Sci 1030  
  Des Lauriers  
  Max 24

**Biol 4111. Microbiology.** (4 cr; prereq 2111, prereq or coreq 3121 or instr consent)
- **Lec 1**  
  9:15-10:20 am  
  MW  
  Sci 2200  
  Staff  
  Max 14
- **64956 Lab 2**  
  8:30-11:30 am  
  Tue  
  Sci 2150  
  Staff  
  Max 14
- **65366 Lab 3**  
  2:00-5:00 pm  
  Tue  
  Sci 2150  
  Staff  
  Max 14
- **65466 Lab 4**  
  1:00-4:00 pm  
  Thu  
  Sci 2150  
  Staff  
  Max 14

Last Update on: 4/9/2018
### 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
- **65917 Lab 2** 2:00-5:00 pm Tue
- **65918 Lab 3** 1:00-4:00 pm Thu
  - Location: Sci 1030
  - Instructor: Kuchenreuther
  - Max: 15

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

#### Biol 4321. Animal Physiology. (4 cr; prereq 2101, 2111)
- **Lec 1** 9:50-10:55 am TTh
- **65920 Lab 2** 2:15-5:15 pm Wed
  - Location: Sci 3665
  - Instructor: 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
- **Sec 2** 5:00-6:05 pm Thu
- **Sec 3** 5:00-6:05 pm Tue
  - Location: Sci 1020
  - Instructor: Kuchenreuther

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

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CHEMISTRY

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

Chem 1102. General Chemistry II. (Sci-I; 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
   65185 Lab 8  1:00-4:00 pm  Thu  Sci 3175  Alia  Max 8

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

Chem 1994. Directed Research. (1-5 cr [max 10 cr]; prereq approved directed research form)
   Arranged

Chem 2302. Organic Chemistry II. (Sci; 4 cr; credit will not be granted if credit has been received for Chem 2304; prereq C or better in 2301, coreq 2321 or instr consent for chem majors)
   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  Pappfenus  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  Pappfenus  Max 6

Spring Semester 2019
Chem 3502. Physical Chemistry II. (Sci; 4 cr; prereq 3501, coreq 3511 or instr consent for chem majors)
64963 1:00-2:05 pm MWF Sci 4655 Alia Max 30

Chem 3511. Physical Chemistry Lab. (1 cr; coreq 3502)
65149 2:15-5:15 pm Mon + arr Sci 3130 Alia Max 12

Chem 3801. History of Chemistry. (2 cr; prereq 1102)
66450 8:00-9:05 am MWF (2nd half) Sci 1030 K. Boyd Max 15

Chem 3901. Chemistry Seminar I. (0.5 cr; prereq 2321; required of all chem majors; may not count toward chem minor; A-F only)
65223 4:00-5:50 pm Tue Sci 2200 Alia Max 40

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

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

Chem 4351. Bioorganic Chemistry. (2 cr; prereq 2302 or 2304 and Biol 4211)
65930 9:50-11:30 am TTh (1st half) Sci 4655 Pirinelli Max 12

Chem 4357. Structural Methods of Chemical Biology. (2 cr; prereq 2302 or 2304, Biol 4211)
66305 9:50-11:30 am TTh (2nd half) Sci 4655 Pirinelli Max 12

Chem 4701. Inorganic Chemistry. (4 cr; prereq 3501 or instr consent)
65490 11:45-12:50 pm MWF Sci 1030 B. Nell Max 15

Chem 4901. Chemistry Seminar II. (0.5 cr; prereq 3901; required of all chem majors; may not count toward chem minor; full-year course begins fall semester)
65226 4:30-5:30 pm TTh Sci 2190 Carpenter Max 40

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

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

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### 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
- Hum 11
- Fan
- Max 25

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## COMMUNICATION, MEDIA, AND RHETORIC

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Type</th>
<th>Room</th>
<th>Instructor</th>
<th>Max Enrollment</th>
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<tr>
<td>CMR 1042</td>
<td>Public Speaking and Analysis.</td>
<td>(E/CR; 4 cr)</td>
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<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 [max 2 cr]; prereq 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 [max 2 cr]; prereq instr consent)</td>
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<td>Arranged</td>
<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>(E/CR; 2 cr)</td>
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<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>(Hum; 4 cr; prereq 1101 or instr consent)</td>
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<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>(SS; 4 cr; prereq 1101 or instr consent)</td>
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<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>(Hum; 4 cr; prereq 1101)</td>
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<td>HFA 23</td>
<td>Sotirova</td>
<td>Max 25</td>
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<td>CMR 3993</td>
<td>Directed Study.</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<td>Bezanson</td>
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<td>CMR 4152</td>
<td>Advanced Public Speaking.</td>
<td>(Hum; 4 cr; prereq 1042 or instr consent)</td>
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<td>HFA 23</td>
<td>Bezanson</td>
<td>Max 20</td>
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<tr>
<td>CMR 4341</td>
<td>New Media Technologies.</td>
<td>(Hum; 2 cr; prereq 1101 or instr consent)</td>
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<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; prereq instr consent; S-N only)</td>
<td>Arranged</td>
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<tr>
<td>CMR 4901</td>
<td>Communication, Media, and Rhetoric Seminar II.</td>
<td>(3 cr; prereq 4900 or sr status in the major, instr consent; A-F only)</td>
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<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 [max 10 cr]; prereq approved directed study form)</td>
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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 65934 1:00-2:05 pm MWF Sci 2185 Machkasova
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 65180 11:45-12:50 pm MF Sci 2185 McPhee, Lamberty
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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Spring Semester 2019
## DANCE

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

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

**Dnce 2301. Practicum in Dance.** (1 cr; ArtP; prereq instr consent)
- Code: 65391
- Time: Arranged
- Instructor: Ferrian
- Max: 20

**Dnce 2311. Dance Composition.** (ArtP; 2 cr [max 8 cr])
- Code: 66063
- Time: 2:15-3:20 pm
- Days: MW
- Location: HFA 125
- Instructor: 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 Staff 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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## EDUCATION, ELEMENTARY

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Instructor(s)</th>
<th>Time/Location</th>
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<tr>
<td>ElEd 3202</td>
<td>Middle Level Theory and Methods. (1 cr; 3101, 3102, 3103, 3111)</td>
<td>1</td>
<td>A-F only</td>
<td></td>
<td>8:00-9:40 am Tue (2nd half) Edu 106 Lam Max 40</td>
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<tr>
<td>ElEd 3203</td>
<td>Preprimary Theory and Pedagogy. (4 cr; 3101, 3102, 3103, 3111)</td>
<td>4</td>
<td>A-F only</td>
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<td>2:15-4:35 pm Mon + weekly online work Edu 102 Staff Max 40</td>
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<tr>
<td>ElEd 3204</td>
<td>Advanced Childhood and Adolescent Development. (2 cr; 3101, 3102, 3103, 3111)</td>
<td>2</td>
<td>A-F only</td>
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<td>8:00-9:40 am MRC 205 Staff Max 40</td>
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<td>ElEd 3211</td>
<td>Practicum II: Field Experience in a Preprimary Setting. (1 cr; 3101, 3102, 3103, 3111)</td>
<td>1</td>
<td>S-N only</td>
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<td>ElEd 3212</td>
<td>Practicum II: Field Experience in a Middle Level Setting. (1 cr; 3101, 3102, 3103, 3111)</td>
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<td>S-N only</td>
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<td>2:15-3:20 pm Mon MRC 205 Lam Max 40</td>
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<tr>
<td>ElEd 3213</td>
<td>Practicum II: Field Experience in a K-6 Setting. (1 cr; 3101, 3102, 3103, 3111)</td>
<td>1</td>
<td>S-N only</td>
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<td>2:15-3:20 pm Mon MRC 205 Lam Max 40</td>
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<tr>
<td>ElEd 3993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; approved directed study form)</td>
<td>1-5</td>
<td>A-F only</td>
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<td>ElEd 4201</td>
<td>Directed Student Teaching in Primary and Intermediate Grades. (HDIV; 12 cr; 4102, 4103, 4104, 4111, 4112, passing scores on basic skills or instr consent; S-N only; special fee required)</td>
<td>12</td>
<td>A-F only</td>
<td>Harell</td>
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<tr>
<td>ElEd 4202</td>
<td>Directed Student Teaching in Primary and Intermediate Grades. (1-16 cr [max 16 cr]; passing scores on basic skills or instr consent; S-N only; special fee required)</td>
<td>1-16</td>
<td>A-F only</td>
<td>Harell</td>
<td>Arranged</td>
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<tr>
<td>ElEd 4204</td>
<td>Directed Global Student Teaching at the Primary and Intermediate Level. (IP; 1-16 cr; 4102, 4103, 4104, 4111, 4112, passing scores on basic skills or instr consent; special fee required)</td>
<td>1-16</td>
<td>A-F only</td>
<td>Lam</td>
<td>65301 Sec 500 Study Abroad UMM Students Max 40</td>
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<tr>
<td>ElEd 4206</td>
<td>Directed Student Teaching in Preprimary Classroom. (HDIV; 4 cr; 3201, 3202, 3203, 3211; S-N only; special fee required)</td>
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<tr>
<td>ElEd 4207</td>
<td>Directed Student Teaching in Middle Level Classroom. (HDIV; 4 cr; 3202, 3212, appropriate methods course, passing scores on basic skills or instr consent; S-N only; special fee required)</td>
<td>4</td>
<td>A-F only</td>
<td>Rudney</td>
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Spring Semester 2019
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 Page

SeEd 4202. Directed Student Teaching in the Middle and Secondary School. (1-16 cr [max 16 cr]; prereq passing scores on MTLE basic skills or instr consent; S-N only; special fee required)
65264 Arranged Staff

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.)

65367 Sec 1 9:15-10:20 am MWF Hum 11 Gercken Max 18
65368 Sec 2 9:15-10:20 am MWF HFA 18 Kildegaard Max 18
65370 Sec 3 11:45-12:50 pm MWF Hum 11 Wenzel Max 18
65372 Sec 4 8:00-9:40 am TTh Hum 205 Johnson Max 18
65373 Sec 5 9:50-11:30 am TTh Hum 11 D. Ericksen Max 18
65374 Sec 6 12:50-2:30 pm TTh Hum 5 Eckerle Max 18

65375 *Sec 20 11:45-12:50 pm MWF IH 202 Robinson Max 18
65466 *Sec 21 2:15-3:20 pm MWF IH 101 Robinson Max 18
66172 *Sec 22 10:30-11:35 am MWF Hum 5 Pederson Max 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)

65593 4:40-6:10 pm Thu HFA 6 D. Ericksen Max 20
4:30-7:30 pm Tue HFA 6

Engl 2031. Gender in Literature and Culture. (Hdiv; 4 cr; prereq 1601 (or 1011) or equiv or declared English major)

65353 2:40-4:20 pm TTh Sci 2200 Staff Max 25

Engl 2059. Introduction to Shakespeare. (Hum; 4 cr; prereq 1601 (or 1011) or equiv or declared English major)

65512 2:40-4:20 pm TTh Hum 5 Eckerle Max 25

Engl 2121. Topics in Writing: Introduction to Creative Writing. (ArtP; 4 cr; prereq 1601 (or 1011) or equiv)

65381 Sec 1 11:45-12:50 pm MWF IH 217 Kildegaard Max 18
66713 Sec 2 12:50-2:30 pm TTh Sci 2200 Staff Max 18

Engl 2202. Survey of British Literature from the 18th Century. (Hum; 4 cr)

65776 8:00-9:40 am TTh Hum 11 Miller Max 25

Engl 2212. Survey of American Literature from the Civil War Forward. (Hum; 4 cr)

65773 9:50-11:30 am TTh Sci 2200 Hume Max 25

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)

65212 10:30-11:35 am MWF Hum 11 Gercken Max 20

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

Arranged

Engl 3xxx. TBA.

2:40-4:20 pm TTh Sci 1030 Hume Max 20

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

65775 12:50-2:30 pm TTh Hum 205 Johnson Max 15

Engl 3018. Scholarly Writing Workshop. (2 cr; prereq 1601)

65509 11:45-12:35 am MW IH 203 Turk Max 15

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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<th>Instructor</th>
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<tr>
<td>Engl 3142</td>
<td>The Rise of the Novel</td>
<td>4 cr</td>
<td>Prereq: 2501 (or 1131), two from 2201, 2202, 2211, 2212</td>
<td>3:30-4:35 pm</td>
<td>MWF</td>
<td>Hum 5</td>
<td>Turk</td>
<td>Max 20</td>
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<tr>
<td>Engl 3312</td>
<td>World Indigenous Literature and Film</td>
<td>4 cr</td>
<td>Prereq: 2501 (or 1131), two from 2201, 2202, 2211, 2212 or inst consent</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Hum 11</td>
<td>Gercken</td>
<td>Max 20</td>
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<tr>
<td>Engl 3993</td>
<td>Directed Study</td>
<td>1-5 cr</td>
<td>Prereq: approved directed study form</td>
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<tr>
<td>Engl 4035</td>
<td>Research Seminar: Booker Watch: Contemporary British Literature and the Emergence of Canonicity.</td>
<td>4 cr</td>
<td>Prereq: two from 31xx-35xx, instr consent</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>Hum 12</td>
<td>Miller</td>
<td>Max 12</td>
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<td>Engl 4993</td>
<td>Directed Study</td>
<td>1-5 cr</td>
<td>Prereq: approved directed study form</td>
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ENVIRONMENTAL SCIENCE

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

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ENVIRONMENTAL STUDIES

<table>
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<tr>
<td>EnSt 1101</td>
<td>Environmental Problems and Policy</td>
<td>4</td>
<td>(Envt)</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>Sci 2190</td>
<td>Brands</td>
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<tr>
<td>EnSt 3112</td>
<td>Climate Change and Moral Responsibility</td>
<td>4</td>
<td>(Envt; 4 cr of EnSt or instr consent)</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Sci 3665</td>
<td>Loo</td>
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<tr>
<td>EnSt 4901</td>
<td>Senior Capstone Experience</td>
<td>4</td>
<td>(3989 or 3996, sr status or instr consent; A-F only)</td>
<td>12:50-3:50</td>
<td>Tue</td>
<td>Sci 3665</td>
<td>Brands</td>
</tr>
</tbody>
</table>

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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

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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Spring Semester 2019
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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>Geol 1001</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 2950</td>
<td>Cotter</td>
<td>250</td>
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**Geol 1101. Physical Geology.** (Sci-L; 4 cr)

<table>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
<td>Geol 1101</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 3655</td>
<td>Crabtree</td>
<td>12</td>
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</table>

**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)

<table>
<thead>
<tr>
<th>Course</th>
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<th>Days</th>
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<td>Geol 2111</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 3655</td>
<td>Crabtree</td>
<td>12</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
<td>Geol 2161</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 2530</td>
<td>Crabtree</td>
<td>20</td>
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**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)

<table>
<thead>
<tr>
<th>Course</th>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
<td>Geol 3101</td>
<td>2:00-5:00 pm</td>
<td>TTh</td>
<td>Sci 1515</td>
<td>Brugger</td>
<td>12</td>
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</table>

**Geol 3502. Groundwater.** (Envt; 4 cr; prereq 1101 or instr consent)

<table>
<thead>
<tr>
<th>Course</th>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
<td>Geol 3502</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>Sci 1030</td>
<td>Cotter</td>
<td>25</td>
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</table>

**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
HISTORY

Hist 1111. Introduction to World History. (Hist; 4 cr)
65460  1:00-2:05 pm  MWF  IH 111  Bruce  Max 40

Hist 1113. Introduction to African History since 1880. (Hist; 4 cr)
65464  9:15-10:20 am  MWF  IH 114  James  Max 25

Hist 1301. Introduction to U.S. History. (Hist; 4 cr)
65526  12:50-2:30 pm  TTh  IH 109  Gross  Max 40
66320  Completely Online  Cheyne  Max 40

Hist 1601. Latin American History: A Basic Introduction. (IP; 4 cr)
65335  2:40-4:20 pm  TTh  IH 109  Narvaez  Max 40

Hist 2108. Ancient Greek and Roman History. (Hist; 4 cr)
66470  2:15-3:20 pm  MWF  IH 111  Wenzel  Max 25

Hist 2313. History of South Africa since 1910. (IP; 4 cr)
65898  10:30-11:35 am  MWF  IH 202  James  Max 15

Hist 2708. Gender, Women, and Sexuality in Modern Europe. (IP; 4 cr)
65896  10:30-11:35 am  MWF  IH 114  Bruce  Max 25

Hist 3021. Gender and Sexuality in African History. (HDiv; prereq 1111 or GWSS 1101 or instr consent)
65899  1:00-2:05 pm  MWF  IH 202  James  Max 15

Hist 3212. The French Revolution. (Hist; 4 cr)
65897  2:15-3:20 pm  MWF  IH 202  Bruce  Max 15

Hist 3358. Civil War and Reconstruction. (Hist; 4 cr)
65900  3:30-5:10 pm  MW  IH 217  Guyotte  Max 15

Hist 3360. American Experience in World War II. (Hist; 4 cr; prereq jr or sr or instr consent)
65894  9:50-11:30 am  TTh  IH 202  Guyotte  Max 15

Hist 3614. Race and Ethnicity in Latin America. (HDiv; 4 cr)
65895  9:50-11:30 am  TTh  IH 203  Narvaez  Max 15

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

Hist 4501. Senior Research Seminar in History. (4 cr; prereq 3181, instr consent; A-F only)
65313  4:30-6:10 pm  Th  IH 202  Gross  Max 15

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

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HUMAN SERVICES

HMSV 3001. Theory and Practice of Human Services. (SS; 4 cr; no credit for students who have received cr for HMSV 2001; prereq Psy 1051 or Soc 1101 or Anth 1111 or Pol 1201)
65417 4:30-6:10 pm TTh IH 114 Holst Max 30

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

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### HUMANITIES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Max Students</th>
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<tbody>
<tr>
<td>Hum 1305</td>
<td>Career Preparation in World Languages</td>
<td>1 cr</td>
<td>2:15-3:20 pm</td>
<td>MW</td>
<td>T. Berberi</td>
<td>Max 15</td>
</tr>
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**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.]
64992 Arranged Hardy

**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 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 3650 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 Trains 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

Spring Semester 2019
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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LANGUAGES

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 Sci 4655 Pederson Max 10

Lang 1063. Academic Culture and Oral Skills in the American University. (2 cr; [max 4 cr]; prereq non-native speaker of English, instr consent; S-N only) Course runs 01/22/19 to 04/17/19
   Lec 1 4:00-5:15 pm Mon IH 113 Pederson
   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 Sci 4655 Pederson Max 5

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## LATIN

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

**Lat 2002. Intermediate Latin Poetry.** (Hum; 4 cr; prereq C- or S in 2001 or instr consent)
- Course Code: 66610
- Time: 2:30-3:20 pm
- Days: MTWTh
- Location: HFA 7
- Instructor: Smith
- Maximum: 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 3xx. 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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MATHEMATICS

Math 1001. Excursions in Mathematics. (M/SR; 4 cr; prereq 2 yrs high school math)
64974 8:00-9:05 am MWF Sci 3650 McQuarrie Max 45

Math 1012. PreCalculus I: Functions. (4 cr; prereq Math 0901 or placement; no credit for students who have received credit for Math 1014)
65269 2:15-3:20 pm MWF Sci 3650 Ismail Max 40

Math 1013. PreCalculus II: Trigonometry. (M/SR; 2 cr; prereq Math 0901 or placement; no credit for students who have received credit for Math 1014)
65270 8:50-9:40 am MWF Sci 3650 Logan Max 40

Math 1021. Survey of Calculus. (M/SR; 4 cr; prereq 1012 or placement; credit will not be granted for Math 1021 if a grade of C- or higher has previously been received for Math 1101)
65287 Sec 1 9:15-10:20 am MWF Sci 1030 Logan Max 35
65445 Sec 2 2:15-3:20 pm MWF Sci 2190 McQuarrie Max 35

Math 1101. Calculus I. (M/SR; 5 cr; prereq 1012, 1013 or placement)
64975 Sec 1 8:00-9:05 am MWF Sci 3510 Ismail Max 35
8:00-9:40 am Thu
64976 Sec 2 10:30-11:35 am MWF Sci 3510 Roberts Max 35
9:50-11:30 am Thu

Math 1102. Calculus II. (M/SR; 5 cr; prereq 1101)
64977 Sec 1 9:15-10:20 am MWF Sci 3510 Atkinson Max 35
8:00-9:40 am Tue
64978 Sec 2 1:00-2:05 pm MWF Sci 3510 Ismail Max 35
12:50-2:30 pm Thu

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

Math 2101. Calculus III. (M/SR; 4 cr; prereq 1102 or instr consent)
65303 1:00-2:05 pm MWF Sci 2200 Atkinson Max 35

Math 2202. Mathematical Perspectives. (M/SR; 4 cr; prereq 1101)
65190 2:15-3:20 pm MWF Sci 2200 Logan Max 30

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

Math 3111. Linear Algebra. (4 cr; prereq 1102 or instr consent)
64981 9:15-10:20 am MWF Sci 4655 Ng Max 30

Math 3231. Abstract Algebra I. (4 cr; prereq 2111, 2202 or instr consent)
65191 2:15-3:20 pm MWF Sci 4655 Roberts Max 30

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

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

Spring Semester 2019
MUSIC

Mus 0100. Concert Attendance. (0 cr; prereq major or minor; S-N only)
65315 Arranged Staff

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

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

Mus 1044. Class Piano for the Non-Music Major. (ArtP; 1 cr; special fee required)
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 170 Flegel Max 25

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

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
tentative
65317 Sec 2 12:50-1:40 pm TTh HFA 175 DuHamel

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

Spring Semester 2019
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<th>Course</th>
<th>Title</th>
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<tr>
<td>Mus 1203</td>
<td>Harpsichord</td>
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<td>Arranged DuHamel</td>
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<td>Mus 1204</td>
<td>Voice</td>
<td>65021 Sec 1</td>
<td>Arranged A. Miller</td>
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<td>Mus 1204</td>
<td>Voice</td>
<td>65156 Sec 2</td>
<td>Arranged Howes</td>
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<td>Trumpet</td>
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<td>Composition</td>
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<td>Mus 1300</td>
<td>UMM Symphonic Winds</td>
<td>65036</td>
<td>3:30-5:20 pm MWF HFA 180 Tillier</td>
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<tr>
<td>Mus 1301</td>
<td>Chamber Winds</td>
<td>65360</td>
<td>3:30-4:30 pm TTh HFA 180 Tillier</td>
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<tr>
<td>Mus 1310</td>
<td>University Choir</td>
<td>65037</td>
<td>7:00-9:00 pm Tue HFA 170 Kleinwolterink</td>
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<tr>
<td>Mus 1320</td>
<td>Concert Choir</td>
<td>65038</td>
<td>5:00-6:15 pm M-Th HFA 170 Staff</td>
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<tr>
<td>Mus 1330</td>
<td>Jazz Ensemble</td>
<td>65014 Sec 1</td>
<td>2:15-3:20 pm MWF HFA 180 Campbell</td>
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<td>Mus 1330</td>
<td>Jazz Ensemble</td>
<td>65451 Sec 2</td>
<td>Arranged HFA 180 Campbell</td>
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*Spring Semester 2019*
Mus 1331. Brass Ensemble. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
65361  4:30-5:20 pm  TTh  HFA 180  Tillier

Mus 1350. Choral Ensembles: Community Membership. (0 cr; prereq instr consent)(Meets w/Mus 1310)
65623  Arranged  Staff  Max 20

Mus 1351. Jazz Ensembles: Community Membership. (0 cr; prereq instr consent)
65624  Arranged  Campbell  Max 20

Mus 1352. Wind/Brass Ensembles: Community Membership. (0 cr; prereq instr consent)(Meets w/Mus 1300)
65625  3:30-5:20 pm  MWF  HFA 180  Tillier  Max 20

Mus 1353. Orchestra: Community Membership. (0 cr; prereq instr consent)(Meets w/Mus 1370)
65626  6:30-8:00 pm  MW  HFA 170  Corbett  Max 20

Mus 1370. Chamber Orchestra. (ArtP; 1 cr [max 8 cr]; S-N only)
65291  6:30-8:00 pm  MW  HFA 170  Corbett

Mus 1401. English, Italian, German, and French Diction for Singers. (ArtP; 1 cr)
65798  8:50-9:40 am  TTh  HFA 170  A Miller  Max 20

Mus 1411. Vocal Performance Workshop. (ArtP; 1 cr; prereq instr consent)
65429  9:50-11:30 am  TTh  HFA 170  A. Miller  Max 20

Mus 2045. Intermediate Class Guitar. (ArtP; 1 cr; prereq 1045 or instr consent)
65387  2:40-3:40 pm  Tue  HFA 170  Flegel  Max 15

Mus 2112. Functional Keyboard for the Music Major IV. (ArtP; 1 cr; prereq 2111, music major or minor; special fee required)
65318  2:40-3:30 pm  TTh  HFA 175  DuHamel  Max 12

Mus 2305. Instrumental Techniques – Percussion. (1 cr; prereq major or minor or instr consent)
66107  9:15-10:20 am  MWF (1st half)  HFA 180  M. Odello  Max 30

Mus 2401. Piano from Bach to Jazz. (FA; 2 cr)
65799  10:40-11:30 am  TTh  HFA 185  DuHamel  Max 25

Mus 2406. Jazz Style and Repertoire. (FA; 2 cr)
65800  2:40-3:30 pm  TTh  HFA 185  Campbell  Max 25

Mus 3108. Intellectual Foundations of Western Music. (Hum; 2 cr; prereq 1101 or equiv or instr consent)
65801  1:00-2:05 pm  MWF (1st half)  HFA 185  Flinn  Max 12

Mus 3109. Analysis of Popular Music. (Hum; 2 cr; prereq 1101 or equiv or instr consent)
65802  1:00-2:05 pm  MWF (2nd half)  HFA 185  Flinn  Max 12

Mus 3200-3223. Advanced Individual Performance Studies. (ArtP; 1 cr per sem for each [max 8 cr per instrument]; prereq instr consent; special fee required)

Mus 3200. Piano
65040  Arranged  DuHamel

Mus 3201. Piano Accompanying
65041  Arranged  DuHamel

Mus 3202. Organ
65144  Arranged  Staff

Mus 3203. Harpsichord
65042  Arranged  DuHamel

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<td></td>
<td>65160</td>
<td>Arranged K. Miller</td>
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<td>Mus 3205. Violin</td>
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<td>Mus 3206. Viola</td>
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<td>Mus 3215. French Horn</td>
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<td>Mus 3221. Guitar</td>
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<td>Mus 3222. Electric Bass</td>
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<td>Mus 3223. Composition</td>
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<td>Mus 3224. Improvisation</td>
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**Mus 3321. 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

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**NATIVE AMERICAN AND INDIGENOUS STUDIES**

**NAIS 1002. Beginning Dakota Language II.** (FL; 4 cr; prereq 1001 or instr consent)

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<tr>
<th>Course Code</th>
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**NAIS 1012. Beginning Anishinaabe Language II.** (FL; 4 cr; prereq 1011)

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<td>IH 112</td>
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**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)

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<td>664689</td>
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**NAIS 1101. Introduction to Native American and Indigenous Studies.** (HDiv, 4 cr)

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**NAIS 2012. Intermediate Anishinaabe Language II.** (Hum; 4 cr; prereq 2011 or placement or instr consent)

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<td>66108</td>
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**NAIS 2801. Anishinaabe Song and Dance: An Exploration of Song and Dance, Traditions and Practices.** (HDiv; 4 cr; prereq 1011 or instr consent)

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**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

*Spring Semester 2019*
# PHILOSOPHY

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

**Phil 2111. Introductory Ethics.** (Hum; 4 cr)
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<td>Hum 111</td>
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<td>65289 Sec 2</td>
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**Phil 2113. International and Biomedical Ethics.** (Hum; 4 cr)
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**Phil 2141. Analytical Feminism.** (Hum; 4 cr)
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<td>Hum 111</td>
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**Phil 2162. Ethics of Love and Sex.** (Hum; 4 cr)
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**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)
<table>
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<th>Instructor</th>
<th>Max</th>
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**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)
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<th>Max</th>
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<td>65820</td>
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**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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# PSYCHOLOGY

**Psy 1051. Introduction to Psychology.** (SS; 4 cr)
- 65302
  - 1:00-2:05 pm
  - MWF
  - IH 109
  - D. Stewart
  - Max 75

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

**Psy 2001. Research Methods in Psychology.** (SS; 4 cr; prereq 1051, Stat 1601 or Stat 2601, or instr consent)
- 65331 Sec 1
  - 9:15-10:20 am
  - MWF
  - IH 113
  - C. Stewart
  - Max 20
- 66291 Sec 2
  - 9:50-11:30 am
  - TTh
  - IH 113
  - Staff
  - Max 20

**Psy 2581. Drugs and Human Behavior.** (SS; 2 cr; prereq 1051 or instr consent)
- 65320
  - 11:45-12:50 pm
  - MWF (1st half)
  - IH 112
  - Michael
  - Max 35

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

**Psy xxxx. TBA.**
- 10:30-11:35 am
  - MWF
  - IH 217
  - D. Stewart
  - Max 17

**Psy 3112. Cognition.** (4 cr; prereq 2001 or instr consent)
- 65081
  - 10:30-11:35 am
  - MWF
  - IH 112
  - Johnson
  - Max 24

**Psy 3201. Comparative Psychology.** (Sci-L; 4 cr; prereq [1051, 2001] or Biol 2111)
- 65397
  - 2:15-3:20 pm
  - MWF
  - IH 112
  - Meek
  - Max 30

**Psy 3261. Human Sexuality.** (4 cr; prereq 1051, 2001)
- 65414
  - 12:50-2:30 pm
  - TTh
  - IH 101
  - Holst
  - Max 30

**Psy 3313. Psychopathology.** (4 cr; prereq 1051 or instr consent)
- 65559
  - 2:40-4:20 pm
  - TTh
  - Sci 2190
  - Peters
  - Max 30

**Psy 3401. Developmental Psychology I: Child Psychology.** (4 cr; prereq 1051 or instr consent)
- 66287
  - 12:50-2:30 pm
  - TTh
  - IH 112
  - Baldelomar
  - Max 30

**Psy 3402. Developmental Psychology II: Adolescence and Emerging Adulthood.** (4 cr; prereq 1051 or instr consent)
- 65415
  - 4:30-6:10 pm
  - TTh
  - IH 112
  - Baldelomar
  - Max 30

**Psy 3403. Developmental Psychology III: Adulthood and Aging.** (E/CR; 4 cr; prereq 1051 or instr consent)
- 65588
  - 8:00-9:40 am
  - TTh
  - IH 112
  - Holst
  - Max 30

**Psy 3501. Social Psychology.** (4 cr; prereq Psy 1051 or Soc 1101 or instr consent)(Meets w/Mgmt 3503)
- 66288
  - 8:00-9:05 am
  - MWF
  - IH 112
  - D. Stewart
  - Max 10

**Psy 3504. Educational Psychology.** (4 cr; prereq 1051)
- 65332
  - 11:45-12:50 pm
  - MWF
  - IH 101
  - C. Stewart
  - Max 30

**Psy 3521. Health Psychology.** (4 cr; prereq 1051)
- 66452
  - 1:00-2:05 pm
  - MWF
  - IH 101
  - Michael
  - Max 35

**Psy 3542. Multicultural Psychology.** (HDiv; 4 cr; prereq 1051)
- 66293
  - 9:50-11:30 am
  - TTh
  - IH 112
  - Peters
  - Max 30

**Psy 3581. Psychopharmacology.** (2 cr; prereq 2581)
- 66297
  - 11:45-12:50 pm
  - MWF (2nd half)
  - IH 112
  - Michael
  - Max 30

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*Spring Semester 2019*
Psy 3611. History and Philosophy of Psychology. (Hist; 4 cr; prereq 1051 or instr consent)
65607  2:15-3:20 pm  MWF  IH 217  Johnson  Max 12

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

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

Psy 4101. Helping Relationships. (4 cr; prereq 8 cr 3xxx or 4xxx Psy or Soc or Anth courses or instr consent)
65915  4:30-6:10 pm  TTh  Sci 3650  Staff  Max 20

Psy 4102. Intro to Prof Conduct, Legal Constraints, Ethics in Human Services. (E/CR; 2 cr; prereq jr, 8 cr 3xxx or 4xxx Psy or Soc or Anth courses or instr consent)
66290  11:45-12:50 pm  MWF (1st half)  IH 202  Staff  Max 15

Psy 4301. Clinical Assessment and Therapeutic Interventions. (4 cr; prereq 3313 or 3314 or 4101)
66292  2:40-4:20 pm  TTh  Sci 3650  Staff  Max 15

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

Psy 4910. Advanced Seminar in Learning or Cognitive Psychology. (4 cr; prereq 2001, 3101 or 3111 or 3112, sr status, instr consent; credit will not be granted if credit has been received for Psy 4710; A-F only)
65272  9:50-11:30 am  TTh  IH 115  C. Stewart  Max 8

Psy 4920. Advanced Seminar in Biological or Comparative Psychology. (4 cr; prereq 2001, 3201 or 3211, sr status, instr consent)
65912  10:30-11:35 am  MWF  IH 203  Meek  Max 8

Psy 4950. Advanced Seminar in Social Psychology. (4 cr; prereq 2001, 3501, or status, instr consent)
65450  8:00-9:05 am  MWF  IH 202  D. Stewart  Max 8

Psy 4960. Advanced Seminar in Health Psychology. (4 cr; prereq 2001, 3521 (or 3201, 3211), or status, instr consent; A-F only)
65449  3:30-4:35 pm  MWF  IH 203  Michael  Max 8

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

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SOCIOLOGY

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)
65060 Sec 1 9:15-10:20 am MWF Hum 211 Genova Max 25
65061 Sec 2 10:30-11:35 am MWF Hum 211 Roberts Max 25
65062 Sec 3 11:45-12:50 pm MWF Hum 211 Genova Max 25
65471 Sec 4 12:50-2:30 pm TTh Hum 211 Aroson Max 25

Span 1003. Accelerated Beginning Spanish. (FL; 4 cr; prereq placement or instr consent)
65377 2:15-3:20 pm MWF IH 114 Roberts Max 20

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)
66468 9:50-11:30 am TTh Hum 211 Coon Max 10

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

Span 2002. Intermediate Spanish II. (IP; 4 cr; prereq 2001 or instr consent)
65063 Sec 1 10:30-11:35 am MWF Hum 211 Roberts Max 20
65064 Sec 2 1:00-2:05 pm MWF Hum 211 Roberts Max 20

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)
65322 Sec 1 9:50-11:30 am TTh (1st half) IH 217 Wojtaszek Max 15
65323 Sec 2 12:50-2:30 pm TTh (1st half) IH 203 Wojtaszek Max 15

Span 3112. Readings in Spanish II. (Hum; 2 cr; prereq 3012, 3111 or instr consent)
65324 Sec 1 9:50-11:30 am TTh (2nd half) IH 217 Genova Max 15
65325 Sec 2 12:50-2:30 pm TTh (2nd half) IH 203 Genova Max 15

Span 3212. Literature and Culture of Spain. (Hum; 4 cr; prereq 3012, 3112, or instr consent)
65378 2:40-4:20 pm TTh Hum 211 Aronson Max 15

Span 3692. Seminar: Nahua Media and Culture. (IP; 4 cr; prereq 3012, 3112)
66471 12:50-2:30 pm TTh Hum 211 Coon Max 15

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)
65228 4:30-6:10 pm TTh Hum 211 Wojtaszek Max 12

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

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Spring Semester 2019
## 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 Pennie-Roy 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) Chuba
- **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

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*Spring Semester 2019*
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Max Capacity</th>
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<tr>
<td>SSA 3101</td>
<td>Sport Industry Analysis</td>
<td>4 cr</td>
<td>(SS; prereq 2302, Stat 1601 or Stat 2601 or instr consent)</td>
<td>10:30-11:35 am MWF</td>
<td>Sci 2200</td>
<td>Bryant</td>
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<tr>
<td>SSA 3201</td>
<td>Coaching Practicum</td>
<td>1 cr</td>
<td>(prereq instr consent; S-N only)</td>
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<tr>
<td>SSA 3210</td>
<td>Internship in Sport Studies and Athletics</td>
<td>1-12 cr</td>
<td>(prereq instr consent; max 24 cr; S-N only)</td>
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<tr>
<td>SSA 3993</td>
<td>Directed Study</td>
<td>1-5 cr</td>
<td>(max 10 cr; prereq approved directed study form)</td>
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<tr>
<td>SSA 4101</td>
<td>Planning and Programming of Athletic Facilities</td>
<td>4 cr</td>
<td>(prereq 3101)</td>
<td>9:50-11:30 am TTh</td>
<td>PEC 251</td>
<td>Johnson</td>
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<td>SSA 4201</td>
<td>Sport Governance: Legal and Ethical Issues</td>
<td>4 cr</td>
<td>(prereq 2401, 2402, 4102; A-F only)</td>
<td>12:50-2:30 pm TTh</td>
<td>Hum 11</td>
<td>Bryant</td>
<td>Max 20</td>
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<td>SSA 4993</td>
<td>Directed Study</td>
<td>1-5 cr</td>
<td>(max 10 cr; prereq approved directed study form)</td>
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# STATISTICS

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

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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
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<td>64979 Sec 1</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 3610</td>
<td>Kim</td>
<td>Max 40</td>
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<tr>
<td>64980 Sec 2</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 3650</td>
<td>Kim</td>
<td>Max 40</td>
</tr>
<tr>
<td>65163 Sec 3</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Sci 3610</td>
<td>Dolan</td>
<td>Max 40</td>
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<tr>
<td>65167 Sec 4</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>Sci 3610</td>
<td>Sungur</td>
<td>Max 40</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>Capacity</th>
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<td>64982</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Sci 3610</td>
<td>Kim</td>
<td>Max 30</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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<td>65401</td>
<td>4:45-5:50 pm</td>
<td>MWF</td>
<td>Sci 3650</td>
<td>Dolan</td>
<td>Max 15</td>
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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)

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<td>64983</td>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>Sci 3550</td>
<td>Sungur</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>
<td>Anderson</td>
<td>Max 20</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)

<table>
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<td>65961</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td>Sci 3550</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
- 65452 Sec 2: Arranged

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

**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; 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)
- 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

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