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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*

Last Update on: 4/5/2018
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)  
<table>
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<th>Lec</th>
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<td>65437 Lab 5</td>
<td>12:50-2:20 pm</td>
<td>Tue</td>
<td>IH 3</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)  
65474  
| 8:50-9:40 am | TTh | IH 217 | Ortiz | Max 30 |

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

**Anth 3001. Theory in Cultural Anthropology.** (2 cr; prereq any Anth 2xxx course; no credit for students who have received cr for Anth 4901)  
65164  
| 9:50-10:40 am | TTh | IH 101 | Ortiz | Max 30 |

**Anth 3002. Theory in Archaeology and Biological Anthropology.** (2 cr; prereq 2001 or 2002)  
65475  
| 10:50-11:40 am | TTh | IH 101 | Beaver | Max 30 |

**Anth 3604. Gender and Sexuality in Latin America.** (IP; 4 cr)  
65837  
| 2:40-4:20 pm | TTh | IH 101 | Ortiz | Max 30 |

**Anth 3705. The Archaeology of Death and Burial.** (4 cr; prereq 1103)  
65834  
| 1:00-2:05 pm | MWF | IH 217 | Beaver | Max 18 |

**Anth 3761. Human Fossil Record.** (Sci; 2 cr; prereq 1201)  
66448  
| TBA | Dean | Max 16 |

**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

[Return to Table of Contents]
## 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 3221. Contemporary Art, 1950 to the Present.** (FA; 4 cr; prereq any 1xxx ArtH course or jr status or instr consent)
- **65756**  
  3:30-5:10 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)
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 pm 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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### 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**
  - **2:00-5:00 pm**
  - Tue + arr
  - **Sci 2170**
  - **Johnson**
  - Max 16
- **64954 Lab 3**
  - **1:00-4:00 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**
- **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

*Spring Semester 2019*
### Biol 4172. Plant Systematics. (4 cr; prereq 2101 or EnSt 2101 or instr consent)

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<td>65917 Lab 2</td>
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<td>Sci 3160</td>
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### Biol 4312. Genetics. (4 cr; prereq 2111 or instr consent)

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<td>Sci 1020</td>
<td>Des Lauriers</td>
<td>Max 18</td>
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<td>65283 Lab 2</td>
<td>2:00-5:00 pm</td>
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<td>Sci 3180</td>
<td>Des Lauriers</td>
<td>Max 18</td>
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<td>65284 Lab 3</td>
<td>1:00-4:00 pm</td>
<td>Thu</td>
<td>Sci 3180</td>
<td>Des Lauriers</td>
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### Biol 4321. Animal Physiology. (4 cr; prereq 2101, 2111)

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<td>Sci 2110</td>
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<td>Max 12</td>
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### 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.

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<td>Kuchenreuther</td>
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<td>Sec 2</td>
<td>5:00-6:05 pm</td>
<td>Thu</td>
<td>Sci 1020</td>
<td>Kuchenreuther</td>
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<tr>
<td>Sec 3</td>
<td>5:00-6:05 pm</td>
<td>Tue</td>
<td>Sci 1020</td>
<td>Kuchenreuther</td>
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### Biol 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged
## CHEMISTRY

### Chem 1101. General Chemistry I. (Sci-L; 5 cr)
- **Lec 1**
  - Time: 10:30-11:35 am
  - Days: MWF
  - Location: Sci 4655
  - Instructor: Pappenfus
  - Max: 16

- **65928 Lab 2**
  - Time: 1:00-4:00 pm
  - Day: Thu
  - Location: Sci 3040
  - Instructor: Pappenfus

### Chem 1102. General Chemistry II. (Sci-L; 5 cr; prereq 1101)
- **Lec 1**
  - Time: 8:00-9:05 am
  - Days: MWF
  - Location: Sci 2950
  - Instructor: K. Boyd
  - Max: 8

- **65253 Lab 2**
  - Time: 3:30-6:30 pm
  - Day: Mon
  - Location: Sci 3175
  - Instructor: K. Boyd
  - Max: 8

- **65176 Lab 3**
  - Time: 8:30-11:30 am
  - Day: Tue
  - Location: Sci 3175
  - Instructor: K. Nell
  - Max: 8

- **65177 Lab 4**
  - Time: 1:00-4:00 pm
  - Day: Tue
  - Location: Sci 3175
  - Instructor: K. Nell
  - Max: 8

- **65178 Lab 5**
  - Time: 11:45-2:45 pm
  - Day: Wed
  - Location: Sci 3175
  - Instructor: Pirinelli
  - Max: 8

- **65179 Lab 6**
  - Time: 3:30-6:30 pm
  - Day: Wed
  - Location: Sci 3175
  - Instructor: Staff
  - Max: 8

- **65261 Lab 7**
  - Time: 8:30-11:30 am
  - Day: Thu
  - Location: Sci 3175
  - Instructor: Staff
  - Max: 8

- **65285 Lab 8**
  - Time: 1:00-4:00 pm
  - Day: Thu
  - Location: Sci 3175
  - Instructor: 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**
  - Time: 9:15-10:20 am
  - Days: MWF
  - Location: Sci 1030
  - Instructor: Carpenter
  - Max: 15

- **65929 Sec 2**
  - Time: 9:15-10:20 am
  - Days: MWF
  - Location: Sci 1020
  - Instructor: B. Nell
  - Max: 30

### Chem 2321. Introduction to Research I. (1 cr; prereq 2311, coreq 2302 or 2304 or instr consent)
- **64961 Lab 1**
  - Time: 2:15-5:15 pm
  - Days: MW (1st half)
  - Location: Sci 3135
  - Instructor: Pirinelli, Carpenter
  - Max: 8

- **64962 Lab 2**
  - Time: 1:00-4:00 pm
  - Days: TTh (1st half)
  - Location: Sci 3135
  - Instructor: 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.

### 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**
  - Time: 8:00-9:05 am
  - Days: MWF (1st half)
  - Location: Sci 1030
  - Instructor: Pappenfus
  - Max: 15

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

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*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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Spring Semester 2019
**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

**CMR 1042. Public Speaking and Analysis.** (E/CR; 4 cr)
- 66302  
  - 9:50-11:30 am  
  - TTh  
  - HFA 18  
  - Burke  
  - Max 40

**CMR 1388. College Newspaper Experience.** (1 cr [max 2 cr]; prereq instr consent)
- 65390  
  - Arranged  
  - Burke  
  - Max 10

**CMR 1389. College Radio Experience.** (1 cr [max 2 cr]; prereq instr consent)
- 65389  
  - Arranged  
  - Burke  
  - Max 10

**CMR 2053. Rhetoric of Supreme Court Opinions: Analysis and Creation.** (E/CR; 2 cr)
- 66303  
  - 3:30-4:35 pm  
  - MWF (2nd half)  
  - HFA 23  
  - Bezanson  
  - Max 25

**CMR 3123. Rhetorical Criticism and Speeches that Changed the World.** (Hum; 4 cr; prereq 1101 or instr consent)
- 66301  
  - 9:15-10:20 am  
  - MWF  
  - HFA 23  
  - Bezanson  
  - Max 20

**CMR 3421. Organizational Communication Theory and Research.** (SS; 4 cr; prereq 1101 or instr consent)
- 65764  
  - 10:30-11:35 am  
  - MWF  
  - HFA 18  
  - Sotirova  
  - Max 25

**CMR 3433. Communication, Power, and Identity.** (Hum; 4 cr; prereq 1101)
- 65766  
  - 1:00-2:05 pm  
  - MWF  
  - HFA 23  
  - Sotirova  
  - Max 25

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

**CMR 4152. Advanced Public Speaking.** (Hum; 4 cr; prereq 1042 or instr consent)
- 65494  
  - 10:30-11:35 am  
  - MWF  
  - HFA 23  
  - Bezanson  
  - Max 20

**CMR 4341. New Media Technologies.** (Hum; 2 cr; prereq 1101 or instr consent)
- 65767  
  - 12:50-2:30 pm  
  - Tue  
  - HFA 23  
  - Burke  
  - Max 20

**CMR 4800. Directed Experience in Teaching Communication, Media, and Rhetoric.** (1-4 cr; prereq instr consent; S-N only)
- Arranged

**CMR 4901. Communication, Media, and Rhetoric Seminar II.** (3 cr; prereq 4900 or sr status in the major, instr consent; A-F only)
- 65243  
  - 11:45-12:50 pm  
  - Wed  
  - HFA 23  
  - Burke, Sotirova  
  - Max 15

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

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## COMPUTER SCIENCE

**CSci 1201. Introduction to Digital Media Computation.** (M/SR; 4 cr)
- 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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<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Days</th>
<th>Time</th>
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<th>Instructor</th>
<th>Max</th>
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<td>Introduction to Modern Dance and Ballet.</td>
<td>1</td>
<td>ArtP; 1 cr [max 2 cr]; S-N only</td>
<td>Wed</td>
<td>3:30-5:00</td>
<td>HFA 125</td>
<td>Ferrian</td>
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<td>Dncc 1323</td>
<td>Introduction to Tap Dance.</td>
<td>1</td>
<td>ArtP; 1 cr [max 2 cr]; S-N only</td>
<td>Wed</td>
<td>3:30-5:00</td>
<td>HFA 125</td>
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<td>Dncc 2311</td>
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<td>ArtP; 2 cr [max 8 cr]</td>
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## ECONOMICS

### Econ 1111. Principles of Microeconomics.
(SS; 4 cr; prereq high school algebra or instr consent)

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<td>65502</td>
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<td>IH 111</td>
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### Econ 1112. Principles of Macroeconomics.
(SS; 4 cr; prereq high school algebra or instr consent)

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<td>65290 Sec 2</td>
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<td>IH 111</td>
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### 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)

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### Econ 3014. Game Theory: The Theory of Strategic Behavior I.
(2 cr; prereq 1111 or instr consent)

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### Econ 3015. Game Theory: The Theory of Strategic Behavior II.
(2 cr prereq 3014 or instr consent)

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### Econ 3113. Money, Banking, and Financial Markets.
(4 cr; prereq 1111, 1112 or instr consent)

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<td>65393</td>
<td>8:00-9:05 am</td>
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<td>IH 113</td>
<td>Panda</td>
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### Econ 3173. Health Care Economics.
(4 cr; prereq 1111 or instr consent)

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<td>65617</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td>IH 113</td>
<td>Devkota</td>
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### Econ 3202. Macroeconomic Theory.
(4 cr; prereq 1112, Math 1101 or instr consent)

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<td>IH 114</td>
<td>Panda</td>
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### Econ 3501. Introduction to Econometrics.
(M/SR; 4 cr; prereq 3201 or 3202, Stat 1601 or Stat 2601)

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### 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)

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<td>65503 Sec 1</td>
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<td>65504 Sec 2</td>
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<td>Wed</td>
<td>IH 202</td>
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### Econ 4993. Directed Study.
(1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

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EDUCATION

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

Ed 2111. Tutor-Aide Practicum. (1 cr; coreq 2121; S-N only)
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

**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  Staff  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, 3203, 3211; S-N only; special fee required)
65333  Arranged  Rudney

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

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

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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

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.)

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<td>Hum 11</td>
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<td>65368</td>
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<td>Kildegaard</td>
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<td>65372</td>
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<td>Johnson</td>
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<td>TTh</td>
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<td>D. Ericksen</td>
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<td>Hum 5</td>
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**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)

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<th>Instructor</th>
<th>Max</th>
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</thead>
<tbody>
<tr>
<td>65593</td>
<td>4:40-6:10 pm</td>
<td>Thu</td>
<td>HFA 6</td>
<td>D. Ericksen</td>
<td>20</td>
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<tr>
<td></td>
<td>4:30-7:30 pm</td>
<td>Tue</td>
<td>HFA 6</td>
<td></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)

<table>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>65353</td>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>Sci 2200</td>
<td>Kolaya</td>
<td>25</td>
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**Engl 2059. Introduction to Shakespeare.** (Hum; 4 cr; prereq 1601 (or 1011) or equiv or declared English major)

<table>
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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>65512</td>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>Hum 5</td>
<td>Eckerle</td>
<td>25</td>
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**Engl 2121. Topics in Writing: Introduction to Creative Writing.** (ArtP; 4 cr; prereq 1601 (or 1011) or equiv)

<table>
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<th>Max</th>
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<tbody>
<tr>
<td>65381</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>IH 217</td>
<td>Kildegaard</td>
<td>18</td>
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<tr>
<td>66713</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td>Sci 2200</td>
<td>Kolaya</td>
<td>18</td>
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**Engl 2202. Survey of British Literature from the 18th Century.** (Hum; 4 cr)

<table>
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<th>Max</th>
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<tbody>
<tr>
<td>65776</td>
<td>8:00-9:40 am</td>
<td>TTh</td>
<td>Hum 11</td>
<td>Miller</td>
<td>25</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
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<tr>
<td>65773</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<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)

<table>
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<tr>
<td>65212</td>
<td>10:30-11:35 am</td>
<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 3xxx. TBA.**

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<th>Instructor</th>
<th>Max</th>
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<tr>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>Sci 1030</td>
<td>Hume</td>
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**Engl 3012. Advanced Fiction Writing.** (ArtP; 4 cr; prereq 2121 or instr consent)

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<tr>
<td>65775</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td>Hum 205</td>
<td>Johnson</td>
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**Engl 3018. Scholarly Writing Workshop.** (2 cr; prereq 1601)

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<th>Max</th>
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<tr>
<td>65509</td>
<td>11:45-12:35 am</td>
<td>MW</td>
<td>IH 203</td>
<td>Turk</td>
<td>15</td>
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*Spring Semester 2018*
**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; 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

**Engl 4035. Research Seminar: Booker Watch: Contemporary British Literature and the Emergence of Canonicity.**
(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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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

**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)
   Arranged

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
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
# GEOLOGY

**Geol 1001. Environmental Geology: Geology in Daily Life.** (Sci; 4 cr; may not count toward geol major or minor)

<table>
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<tr>
<td>64967</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 2950</td>
<td>Cotter</td>
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**Geol 1101. Physical Geology.** (Sci-L; 4 cr)

<table>
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<tr>
<td>64969</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 3610</td>
<td>Brugger</td>
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<tr>
<td>64970</td>
<td>8:30-11:30 am</td>
<td>Tue</td>
<td>Sci 1650</td>
<td>Brugger</td>
<td>Max 24</td>
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**Geol 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

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

<table>
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<td>65263</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 3655</td>
<td>Crabtree</td>
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**Geol 2161. GIS and Remote Sensing.** (Sci; 4 cr; prereq 1101 or Biol 1101 or Biol 1111 or instr consent)

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<th>Capacity</th>
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<td>65312</td>
<td>9:15-10:20 am</td>
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<td>Sci 2530</td>
<td>Crabtree</td>
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**Geol 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

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<th>Location</th>
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<th>Capacity</th>
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**Geol 3101. Structural Geology.** (Sci-L; 4 cr; prereq 2111, Math 1021 or Math 1101 or instr consent)

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<td>65258</td>
<td>2:00-5:00 pm</td>
<td>TTh</td>
<td>Sci 1515</td>
<td>Brugger</td>
<td>Max 12</td>
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**Geol 3502. Groundwater.** (Envt; 4 cr; prereq 1101 or instr consent)

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<th>Capacity</th>
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<tr>
<td>65942</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>Sci 1030</td>
<td>Cotter</td>
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**Geol 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

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<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
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**Geol 4902. Geology Senior Seminar Presentations.** (1 cr; prereq instr consent; required for geol major)

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<th>Instructor</th>
<th>Capacity</th>
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<th>Days</th>
<th>Location</th>
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<th>Capacity</th>
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**Geol 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
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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

*Spring Semester 2019*
**HISTORY**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Schedule</th>
<th>Instructor</th>
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<tr>
<td>Hist 1111</td>
<td>Introduction to World History.</td>
<td>4</td>
<td>1:00-2:05 pm MWF IH 111</td>
<td>Bruce</td>
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<tr>
<td>Hist 1113</td>
<td>Introduction to African History since 1880.</td>
<td>4</td>
<td>9:15-10:20 am MWF IH 114</td>
<td>James</td>
<td>25</td>
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<tr>
<td>Hist 1301</td>
<td>Introduction to U.S. History.</td>
<td>4</td>
<td>12:50-2:30 pm TTh IH 109</td>
<td>Gross</td>
<td>40</td>
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<tr>
<td>Hist 1601</td>
<td>Latin American History: A Basic Introduction.</td>
<td>IP</td>
<td>2:40-4:20 pm TTh IH 109</td>
<td>Narvaez</td>
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<tr>
<td>Hist 2108</td>
<td>Ancient Greek and Roman History.</td>
<td>4</td>
<td>2:15-3:20 pm MWF IH 111</td>
<td>Wenzel</td>
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<tr>
<td>Hist 2313</td>
<td>History of South Africa since 1910.</td>
<td>IP</td>
<td>10:30-11:35 am MWF IH 202</td>
<td>James</td>
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<tr>
<td>Hist 2708</td>
<td>Gender, Women, and Sexuality in Modern Europe.</td>
<td>IP</td>
<td>10:30-11:35 am MWF IH 114</td>
<td>Bruce</td>
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<tr>
<td>Hist 3021</td>
<td>Gender and Sexuality in African History.</td>
<td>HDiv</td>
<td>1:00-2:05 pm MWF IH 202</td>
<td>James</td>
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<tr>
<td>Hist 3212</td>
<td>The French Revolution.</td>
<td>Hist</td>
<td>2:15-3:20 pm MWF IH 202</td>
<td>Bruce</td>
<td>15</td>
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<tr>
<td>Hist 3358</td>
<td>Civil War and Reconstruction.</td>
<td>Hist</td>
<td>3:30-5:10 pm MW IH 217</td>
<td>Guyotte</td>
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<tr>
<td>Hist 3360</td>
<td>American Experience in World War II.</td>
<td>Hist</td>
<td>9:50-11:30 am TTh IH 202</td>
<td>Guyotte</td>
<td>15</td>
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<tr>
<td>Hist 3614</td>
<td>Race and Ethnicity in Latin America.</td>
<td>HDiv</td>
<td>9:50-11:30 am TTh IH 203</td>
<td>Narvaez</td>
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<td>1-5</td>
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<tr>
<td>Hist 4501</td>
<td>Senior Research Seminar in History.</td>
<td>4</td>
<td>4:30-6:10 pm Th IH 202</td>
<td>Gross</td>
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<td>Directed Study.</td>
<td>1-5</td>
<td>Arranged</td>
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HUMAN SERVICES

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

65417 4:40-6:10 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

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.]
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 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

*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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Spring Semester 2019
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  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*

<table>
<thead>
<tr>
<th>Lec 1</th>
<th>4:00-5:15 pm</th>
<th>Mon</th>
<th>IH 113</th>
<th>Pederson</th>
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<tr>
<td>65306 Lab 2</td>
<td>4:00-5:15 pm</td>
<td>Wed</td>
<td>IH 113</td>
<td>Pederson</td>
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**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)
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

*Spring Semester 2019*
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
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

<table>
<thead>
<tr>
<th>Time</th>
<th>Mgmt/Section</th>
<th>Room</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:45-12:50 pm</td>
<td>Mgmt 3xxx</td>
<td>IH 113</td>
<td>Brown</td>
<td>Max 30</td>
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</tbody>
</table>

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

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  TTh  Sci 3650  Logan  Max 40

Math 1021. Survey of Calculus. (M/SR; 4 cr; prereq 1012 or placement; credit will not be granted for Math 1021 if a grade of C- or higher has previously been received for Math 1101)
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
64976 Sec 2 10:30-11:35 am  MWF  Sci 3510  Roberts  Max 35

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

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

Math 2101. Calculus III. (M/SR; 4 cr; prereq 1102 or instr consent)
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
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>CRs</th>
<th>Credits</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max Capacity</th>
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<tr>
<td>Mus 0100</td>
<td>Concert Attendance. <em>(0 cr; prereq major or minor; S-N only)</em></td>
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<tr>
<td>Mus 1049</td>
<td>Introduction to American Popular Music. <em>(Hum; 4 cr)</em></td>
<td>66175</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>HFA 185</td>
<td>D. Odello</td>
<td>Max 30</td>
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<tr>
<td>Mus 1061</td>
<td>Fundamentals of Music. <em>(IP; 4 cr)</em></td>
<td>66174</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>HFA 185</td>
<td>D. Odello</td>
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<tr>
<td>Mus 1044</td>
<td>Class Piano for the Non-Music Major. <em>(ArtP; 1 cr; special fee required)</em></td>
<td>65354 Sec 1</td>
<td>1:00-1:50 pm</td>
<td>Mon</td>
<td>HFA 175</td>
<td>Bae</td>
<td>Max 12</td>
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<tr>
<td>Mus 1050</td>
<td>Accompanying. <em>(ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)</em></td>
<td>6513</td>
<td>6:15-7:15 am</td>
<td>Thu</td>
<td>HFA 160</td>
<td>DuHamel</td>
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<td>Mus 1070</td>
<td>Instrumental Chamber Ensemble. <em>(ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)</em></td>
<td>6515</td>
<td>6:00-7:00 am</td>
<td>Wed</td>
<td>HFA 180</td>
<td>Tillier</td>
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<tr>
<td>Mus 1080</td>
<td>Jazz Combo. <em>(ArtP; 1 cr [max 8 cr]; S-N only)</em></td>
<td>65016</td>
<td>6:00-7:00 am</td>
<td>Mon</td>
<td>HFA 180</td>
<td>Campbell</td>
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<td>Mus 1112</td>
<td>Functional Keyboard for the Music Major II. <em>(ArtP; 1 cr; prereq 1111, music major or minor; special fee required)</em></td>
<td>65316 Sec 1</td>
<td>1:40-2:30 pm</td>
<td>TTh</td>
<td>HFA 175</td>
<td>DuHamel</td>
<td>Max 12</td>
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<tr>
<td>Mus 1152</td>
<td>Foundations of Music Theory II. Line. <em>(FA; 2 cr; prereq 1151 coreq 1154, 1156, concurrent enrollment in piano classes/lessons until piano proficiency is passed for maj/min)</em></td>
<td>65536</td>
<td>9:15-10:05 am</td>
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<td>Mus 1154</td>
<td>Foundations of Musicianship II. <em>(1 cr; prereq 1153, coreq 1152, 1156, concurrent enrollment in piano classes/lessons until piano proficiency is passed for maj/min)</em></td>
<td>65537 Sec 1</td>
<td>9:15-10:05 am</td>
<td>Fri</td>
<td>HFA 175</td>
<td>Flinn</td>
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<td>Mus 1156</td>
<td>Foundations in Music History II: 1750 to Contemporary. <em>(FA; 2 cr; prereq 1155, coreq 1152, 1154)</em></td>
<td>65538</td>
<td>9:00-9:50 am</td>
<td>TTh</td>
<td>HFA 185</td>
<td>Odello</td>
<td>Max 30</td>
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<tr>
<td>Mus 1200-1223</td>
<td>Individual Performance Studies. <em>(ArtP; 1 cr per sem for each [max 8 cr per instrument]; prereq instr consent; special fee required)</em></td>
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<td>Mus 1200</td>
<td>Piano</td>
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<td>Mus 1201</td>
<td>Piano Accompanying</td>
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<td>Mus 1202</td>
<td>Organ</td>
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<tr>
<td>Mus 1203</td>
<td>Harpsichord</td>
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<td>DuHamel</td>
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<td>Mus 1204</td>
<td>Voice</td>
<td>Sec 1</td>
<td>A. Miller</td>
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<td>Mus 1206</td>
<td>Viola</td>
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<td>Corbett</td>
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<td>Mus 1207</td>
<td>Cello</td>
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<td>Mus 1208</td>
<td>Double Bass</td>
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<td>Mus 1209</td>
<td>Flute</td>
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<td>Mus 1210</td>
<td>Oboe</td>
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<td>Mus 1211</td>
<td>Clarinet</td>
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<td>Bushman</td>
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<td>Mus 1212</td>
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<td>Mus 1214</td>
<td>Trumpet</td>
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<td>Campbell</td>
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<td>Mus 1215</td>
<td>French Horn</td>
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<td>Jimenez</td>
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<td>Mus 1216</td>
<td>Trombone</td>
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<td>Varpness</td>
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<td>Mus 1217</td>
<td>Euphonium</td>
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<td>Varpness</td>
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<td>Mus 1218</td>
<td>Tuba</td>
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<td>M. Odello</td>
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<td>Mus 1219</td>
<td>Percussion</td>
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<td>Mus 1221</td>
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<td>Mus 1222</td>
<td>Electric Bass</td>
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<td>Mus 1223</td>
<td>Composition</td>
<td>Sec 1</td>
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<tr>
<td>Mus 1300</td>
<td>UMM Symphonic Winds</td>
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<td>(ArtP; 1 cr [max 8 cr]; S-N only) (Meets w/Mus 1352)</td>
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<td>Mus 1301</td>
<td>ChamberWinds</td>
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<td>Mus 1310</td>
<td>University Choir</td>
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<td>Mus 1320</td>
<td>Concert Choir</td>
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<tr>
<td>Mus 1330</td>
<td>Jazz Ensemble</td>
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<th>Lecturer</th>
<th>Room</th>
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<tr>
<td>Mus 1331</td>
<td>Brass Ensemble</td>
<td>1 cr</td>
<td>Prereq instr consent; S-N only</td>
<td></td>
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<td>4:30-5:20 pm</td>
<td>TTh</td>
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<tr>
<td>Mus 1350</td>
<td>Choral Ensembles: Community Membership</td>
<td>0 cr</td>
<td>Prereq instr consent; Meets w/Mus 1310</td>
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<td>4:30-5:20 pm</td>
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<tr>
<td>Mus 1351</td>
<td>Jazz Ensembles: Community Membership</td>
<td>0 cr</td>
<td>Prereq instr consent</td>
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<tr>
<td>Mus 1352</td>
<td>Wind/Brass Ensembles: Community Membership</td>
<td>0 cr</td>
<td>Prereq instr consent; Meets w/Mus 1300</td>
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<tr>
<td>Mus 1353</td>
<td>Orchestra: Community Membership</td>
<td>0 cr</td>
<td>Prereq instr consent; Meets w/Mus 1370</td>
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<tr>
<td>Mus 1370</td>
<td>Chamber Orchestra</td>
<td>1 cr</td>
<td>Prereq instr consent; Staff</td>
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<td>4:30-5:20 pm</td>
<td>TTh</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>Prereq instr consent</td>
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<td>4:30-5:20 pm</td>
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<tr>
<td>Mus 1411</td>
<td>Vocal Performance Workshop</td>
<td>1 cr</td>
<td>Prereq instr consent</td>
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<td>4:30-5:20 pm</td>
<td>TTh</td>
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<tr>
<td>Mus 2045</td>
<td>Intermediate Class Guitar</td>
<td>1 cr</td>
<td>Prereq 1045 or instr consent</td>
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<tr>
<td>Mus 2112</td>
<td>Functional Keyboard for the Music Major IV</td>
<td>2 cr</td>
<td>Prereq 2111, music major or minor; special fee required</td>
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<tr>
<td>Mus 2305</td>
<td>Instrumental Techniques – Percussion</td>
<td>1 cr</td>
<td>Prereq major or minor or instr consent</td>
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<td>4:30-5:20 pm</td>
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<tr>
<td>Mus 2401</td>
<td>Piano from Bach to Jazz</td>
<td>2 cr</td>
<td>Prereq 1101 or equiv or instr consent</td>
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<td>4:30-5:20 pm</td>
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<tr>
<td>Mus 2406</td>
<td>Jazz Style and Repertoire</td>
<td>2 cr</td>
<td>Prereq 1101 or equiv or instr consent</td>
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<td>4:30-5:20 pm</td>
<td>TTh</td>
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<tr>
<td>Mus 3108</td>
<td>Intellectual Foundations of Western Music</td>
<td>2 cr</td>
<td>Prereq 1101 or equiv or instr consent</td>
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<td>4:30-5:20 pm</td>
<td>TTh</td>
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<tr>
<td>Mus 3109</td>
<td>Analysis of Popular Music</td>
<td>2 cr</td>
<td>Prereq 1101 or equiv or instr consent</td>
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<td>4:30-5:20 pm</td>
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<tr>
<td>Mus 3200-3223</td>
<td>Advanced Individual Performance Studies</td>
<td>1 cr</td>
<td>Prereq instr consent; special fee required</td>
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Spring Semester 2019
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<td>65043 Sec 1</td>
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<td>Mus 3204. Voice</td>
<td>65159 Sec 2</td>
<td>Arranged Howes</td>
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<td>Mus 3204. Voice</td>
<td>65160 Sec 3</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 3207. Cello</td>
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<td>Mus 3208. Double Bass</td>
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<td>Mus 3209. Flute</td>
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<td>Mus 3210. Oboe</td>
<td>65049</td>
<td>Arranged Bushman</td>
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<td>Mus 3211. Clarinet</td>
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<td>Arranged Tillier</td>
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<tr>
<td>Mus 3212. Saxophone</td>
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<td>Arranged Campbell</td>
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<td>Mus 3214. Trumpet</td>
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<td>Mus 3215. French Horn</td>
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<td>Mus 3218. Tuba</td>
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<td>Mus 3222. Electric Bass</td>
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<td>Mus 3223. Composition</td>
<td>65242 Sec 1</td>
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<td>Mus 3223. Composition</td>
<td>65604 Sec 3</td>
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<td>Mus 3224. Improvisation</td>
<td>66451</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)
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 1011. 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

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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**Phil 2113. International and Biomedical Ethics.** (Hum; 4 cr)  
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**Phil 2141. Analytical Feminism.** (Hum; 4 cr)  
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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)  
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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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**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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Spring Semester 2019
## 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 Sc 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 Sc 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, sr 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), sr 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

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<td>Sci 2950, Gilanshah</td>
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<td>Women in Muslim Society</td>
<td>IP; 4 cr; prereq 1101 or Anth 1111</td>
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### SPANISH

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

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<td>Hum 211</td>
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<tr>
<td>65471-4</td>
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<td>TTH</td>
<td>Hum 211</td>
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**Span 1003. Accelerated Beginning Spanish.** (FL; 4 cr; prereq placement or instr consent)

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<th>Instructor</th>
<th>Max</th>
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<td>65377</td>
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<td>MWF</td>
<td>IH 114</td>
<td>Roberts</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)

<table>
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<th>Location</th>
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<th>Max</th>
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<td>66468</td>
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**Span 1993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

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

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<td>65063</td>
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<td>65064</td>
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<td>MWF</td>
<td>Hum 211</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)

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<th>Instructor</th>
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<tr>
<td>65322</td>
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<td>TTH  (1st half)</td>
<td>IH 217</td>
<td>Wojtaszek</td>
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<tr>
<td>65323</td>
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<td>IH 203</td>
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**Span 3112. Readings in Spanish II.** (Hum; 2 cr; prereq 3012, 3111 or instr consent)

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

Arranged

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# SPORT STUDIES AND ATHLETICS

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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
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<td>SSA 1051</td>
<td><strong>Fitness for Life.</strong> (SS; 2 cr)</td>
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<td>65168 Sec 1</td>
<td>11:45-12:50 pm MWF (1st half)</td>
<td>PEC 251</td>
<td>P. Grove</td>
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<td>65169 Sec 2</td>
<td>9:50-11:30 am TTh (2nd half)</td>
<td>PEC 250</td>
<td>Molesworth Max 25</td>
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<td>SSA 1052</td>
<td><strong>Societal Issues in Health and Wellness.</strong></td>
<td>SS; 2 cr</td>
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<td>65170</td>
<td>11:45-12:50 pm MWF (2nd half)</td>
<td>PEC 251</td>
<td>Staff Max 25</td>
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<td>SSA 1101</td>
<td><strong>First Aid.</strong></td>
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<td>65171</td>
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<td>PEC 250</td>
<td>Pennie-Roy Max 25</td>
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<tr>
<td>SSA 1219</td>
<td><strong>Strength Training.</strong></td>
<td>(1 cr [max 2 cr]; S-N only)</td>
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<td>PEC 240</td>
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<td>SSA 1225</td>
<td><strong>Wellness Skills: R.A.D. – Basic and Advanced Self Defense.</strong> (1 cr [max 2 cr]; S-N only)(Women only)</td>
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<td>65395</td>
<td>6:00-8:00 pm Thu PEC 240/250 Velde Max 18</td>
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<td>SSA 1401</td>
<td><strong>Varsity Baseball</strong> (Men; 0.5 cr [max 2 cr]; S-N only)</td>
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<td>65244</td>
<td>4:00-6:00 pm (2nd half)</td>
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<td>SSA 1402</td>
<td><strong>Varsity Basketball</strong> (0.5 cr [max 2 cr]; S-N only)</td>
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<td>65245 Sec 2</td>
<td>Women 4:00-6:00 pm (1st half)</td>
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<td>SSA 1406</td>
<td><strong>Varsity Softball</strong> (Women; 0.5 cr [max 2 cr]; S-N only)</td>
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<td>Pennie-Roy</td>
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<td>SSA 1407</td>
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<td>Chuba</td>
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<td>65248 Sec 2</td>
<td>Women 4:00-6:00 pm (2nd half)</td>
<td>Voss</td>
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<td>SSA 1408</td>
<td><strong>Varsity Track and Field</strong> (0.5 cr [max 2 cr]; S-N only)</td>
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<td>65250 Sec 2</td>
<td>Women 4:00-6:00 pm</td>
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<td>65194 Lab 2</td>
<td>9:15-10:20 am Mon PEC 139 Bowman Max 22</td>
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<td>8:00-9:05 am Tue PEC 139 Bowman Max 22</td>
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<td><strong>Track and Field Coaching.</strong> (2 cr)</td>
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<td>PEC 250</td>
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<td><strong>Sociological Aspects of Sports.</strong> (SS; 2 cr)</td>
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<td>65192</td>
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<td>IH 112</td>
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<td><strong>Psychological Aspects of Sports.</strong> (SS; 2 cr; prereq 2401)</td>
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<td>PEC 250</td>
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<td><strong>Directed Study.</strong> (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<td>SSA 3101</td>
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<td>SS (prereq 2302, Stat 1601 or Stat 2601 or instr consent)</td>
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<td>Planning and Programming of Athletic Facilities</td>
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<td>Sport Governance: Legal and Ethical Issues</td>
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STATISTICS

**Stat 1601. Introduction to Statistics.** (M/SR; 4 cr; prereq high school higher algebra)
- 64979 Sec 1 9:15-10:20 am MWF Sci 3610 Kim Max 40
- 64980 Sec 2 11:45-12:50 pm MWF Sci 3650 Kim Max 40
- 65163 Sec 3 2:15-3:20 pm MWF Sci 3610 Dolan Max 40
- 65167 Sec 4 9:50-11:30 am TTh Sci 3610 Sungur Max 40

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

**Stat 2611. Mathematical Statistics.** (M/SR; 4 cr; prereq Math 1101)
- 64982 10:30-11:35 am MWF Sci 3610 Kim Max 30

**Stat 2701. Introduction to Data Science.** (M/SR; 4 cr; prereq 1601 or 2601 or 2611, CSci 1201 or CSci 1301 or CSci 1251 or instr consent)(Meets w/CSci 2701)
- 65401 4:45-5:50 pm MWF Sci 3650 Dolan Max 15

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

**Stat 3611. Multivariate Statistical Analysis.** (M/SR; 4 cr; prereq 1601 or 2601 or 2611 or instr consent)
- 64983 2:40-4:20 pm TTh Sci 3550 Sungur Max 20

**Stat 3901. Statistical Communication.** (2 cr; prereq stat major, jr or sr status or instr consent)
- 65561 4:30-6:30 pm Tue Sci 3610 Anderson Max 20

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

**Stat 4601. Biostatistics.** (4 cr; prereq 1601 or 2601 or 2611 or instr consent)
- 65961 12:50-2:30 pm TTh Sci 3550 Anderson Max 20

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

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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; 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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Spring Semester 2019