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SPRING 2018 Schedule of Classes

Changes/cancellations to the Class Schedule are denoted in RED
Additions to the Class Schedule are denoted in BLUE
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Spring Semester 2018
AMERICAN SIGN LANGUAGE

ASL 1002. Beginning American Sign Language II. (FL; 4 cr; prereq 1001 or placement or instr consent)

66146  6:00-7:40 pm  TTh  IH 101  Poore  Max 30
ANTHROPOLOGY

**Anth 1111. Introductory Cultural Anthropology.** (SS; 4 cr)
66589 9:15-10:20 am MWF IH 109 Ortiz Max 70

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

| Lec 1 | 8:00-9:05 am MWF IH 109 Dean |
| 66393 Lab 2 | 1:00-2:30 pm Mon IH 3 Beaver Max 15 |
| 66394 Lab 3 | 8:00-9:30 am Tue IH 3 Beaver Max 15 |
| 66395 Lab 4 | 10:30-12:00 pm Mon IH 3 Beaver Max 15 |
| 66396 Lab 5 | 12:00-1:30 pm Tue IH 3 Beaver Max 15 |

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

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

**Anth 2501. Medical Anthropology-An Overview.** (SS; 2 cr; prereq 1111 or Soc 1101)
69059 11:45-12:35 pm MWF IH 114 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)
66084 10:00-10:50 am TTh IH 101 Ortiz Max 30

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

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

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

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

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

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

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<td>Interpreting the Visual World: An Introduction to Art History.</td>
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<td>ArtH 1121</td>
<td>Renaissance to Modern Art.</td>
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<td>HFA 6</td>
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<td>ArtH 2103</td>
<td>Art and Archaeology of Ancient Rome.</td>
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<td>ArtH 3113</td>
<td>Early Islamic Art and Culture.</td>
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<td>Modern Art in Germany.</td>
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<td>Practicum in Art History Pedagogy.</td>
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<td>Capstone Assessment of Student Experience in Art History.</td>
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<td>ArtS 1004.</td>
<td>Visual Studies for Non-Majors: Printmaking. (ArtP; 3 cr [max 6 cr]; no elective cr for ArtS majors or minors; materials fee required)</td>
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<td>1xxx ArtH course recommended during the same year; materials fee required</td>
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<td>ArtS 1050.</td>
<td>Beginning Ceramics. (ArtP; 3 cr [max 6 cr]; materials fee required)</td>
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<td>HFA 145</td>
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<td>Basic Studio Drawing II. (ArtP; 2 cr; prereq 1101, coreq 1104, 1106; one 1xxx ArtH course recommended during the same year; materials fee required)</td>
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<td>Basic Studio Discussion II. (ArtP; 1 cr; prereq 1105, coreq 1102, 1104; one 1xxx ArtH course recommended during the same year)</td>
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<td>Wed</td>
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<td>ArtS 1900.</td>
<td>Fashion Trashion: Where Style Meets Sustainability. (ArtP; 1 cr [max 3 cr]; students must participate in spring runway show in April, held in the evening)</td>
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<td>ArtS 3015.</td>
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<td>ArtS 3110.</td>
<td>Advanced Drawing II. (ArtP; 3 cr [max 9 cr]; prereq 2101, 2102; 3100 recommended; materials fee required)</td>
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<td>ArtS 3310.</td>
<td>Painting Studio II. (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for jrs and srs; materials fee required)</td>
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<td>Sculpture Studio II. (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for jrs and srs; materials fee required)</td>
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<td>Photographic and Digital Processes II: Adobe Creative Suite Processes. (ArtP; 3 cr [max 9]; prereq major or minor or instr consent; materials fee required)</td>
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<td>Senior Thesis Project II. (1 cr; prereq 4902; A-F only; materials fee required)</td>
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*Spring Semester 2018*
### BIOLOGY

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

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<td>66149</td>
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<td>Sci 2200</td>
<td>Hardy</td>
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**Biol 1111. Fundamentals of Genetics, Evolution, and Development.** (Sci; 3 cr; prereq biol major/minor or chem major or any health sciences preprofessional program or ELEd or SeEd major with middle school science specialties or instr consent)

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<td>66161 Sec 1</td>
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<td>Sci 3650</td>
<td>Myers</td>
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<td>66325 Sec 2</td>
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<td>Sci 3610</td>
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**Biol 2101. Evolution of Biodiversity.** (Sci-L; 4 cr; prereq C- or better in 1101 or 1111 or instr consent)

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<td>Sci 2190</td>
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**Biol 2102. Human Physiology.** (Sci-L; 4 cr; prereq 2102 or SSA 2102 or instr consent; no elective cr for biol majors or minors)

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<td>66159 Lab 2</td>
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<td>66158 Lab 3</td>
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<td>Sci 2130</td>
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<td>66157 Lab 4</td>
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**Biol 2103. Introduction to Human Physiology.** (Sci; 4 cr; prereq 2102 or SSA 2102 or instr consent; no elective cr for biol majors or minors)

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<td>Sci 1020</td>
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<td>66158 Sec 2</td>
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<td>1:15-2:15 pm</td>
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<td>Sci 2130</td>
<td>Anderson</td>
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<td>66157 Sec 3</td>
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**Biol 3121. Molecular Biology.** (Sci-L; 5 cr; prereq C- or better in 2111, Chem 2301 or instr consent)

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**Biol 3700. Biological Communication I.** (1 cr; prereq Biol 2101, 2111)

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**Biol 3701. Biological Communication II.** (1 cr; prereq 3700, instr consent)

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<td>66390 Sec 6</td>
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<td>Arranged</td>
<td></td>
<td></td>
<td>Loberg</td>
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</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
<td>65873 Lab 2</td>
<td></td>
<td>9:00-12:00 pm</td>
<td>Tue</td>
<td>Sci 2150</td>
<td>Dolence</td>
<td>14</td>
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<tr>
<td>66304 Lab 3</td>
<td></td>
<td>2:00-5:00 pm</td>
<td>Tue</td>
<td>Sci 2150</td>
<td>Dolence</td>
<td>14</td>
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<tr>
<td>66557 Lab 4</td>
<td></td>
<td>2:00-5:00 pm</td>
<td>Thu</td>
<td>Sci 2150</td>
<td>Dolence</td>
<td>14</td>
</tr>
</tbody>
</table>
### Spring Semester 2018

**Biol 4121. Herpetology.** (4 cr; prereq Biol 2101 or EnSt 2101 or instr consent)
- **Lec 1**
  - Time: 9:15-10:20 am
  - Days: MW
  - Location: Sci 2185
  - Instructor: Waye
- **66604 Lab 2**
  - Time: 2:15-5:15 pm
  - Days: Mon
  - Location: Sci 3160
  - Instructor: Waye
- **66605 Lab 3**
  - Time: 2:00-5:00 pm
  - Days: Tue
  - Location: Sci 3160
  - Instructor: Waye

**Biol 4161. Evolution.** (4 cr; prereq 2101, 2111 or instr consent)
- **67194**
  - Time: 2:15-3:20 pm
  - Days: MWF
  - Location: Sci 2190
  - Instructor: Myers
  - Max: 20

**Biol 4241. Our Tiny Predators: Ecology, Infection, Disease.** (4 cr; prereq Biol 2101 or EnSt 2101, Stat 1601 or Stat 2601 or instr consent)
- **67195**
  - Time: 10:30-11:35 am
  - Days: MWF
  - Location: Sci 2185
  - Instructor: Loberg
  - Max: 24

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

**Biol 4351. Conservation Biology.** (4 cr; prereq Biol 2101 or EnSt 2101, Biol 3131 or instr consent)
- **Lec 1**
  - Time: 1:00-2:05 pm
  - Days: MW
  - Location: Sci 2200
  - Instructor: Kuchenreuther
- **66607 Lab 2**
  - Time: 2:00-5:00 pm
  - Days: Tue
  - Location: Sci 3665
  - Instructor: Kuchenreuther
  - Max: 15
- **67193 Lab 3**
  - Time: 2:00-5:00 pm
  - Days: Thu
  - Location: Sci 2185
  - Instructor: Kuchenreuther

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

**Senior Seminar Continuation.**
- **Sec 1**
  - Time: 12:00-1:05 pm
  - Days: Tue
  - Location: Sci 1020
  - Instructor: Kuchenreuther
- **Sec 2**
  - Time: 5:00-6:05 pm
  - Days: Thu
  - Location: Sci 1020
  - Instructor: Kuchenreuther
- **Sec 3**
  - Time: 5:00-6:05 pm
  - Days: Tue
  - Location: Sci 1020
  - Instructor: Kuchenreuther

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

**Chem 1102. General Chemistry II.** (Sci-L; 5 cr; prereq 1101)
- Lec 1: 8:00-9:05 am MWF Sci 2950 Goodnough
- 66180 Lab 2: 2:15-5:15 pm Mon Sci 3175 Seeger Max 8
- 66098 Lab 3: 8:00-11:00 am Tue Sci 3175 K. Nell Max 8
- 66099 Lab 4: 12:00-3:00 pm Tue Sci 3175 Alia Max 8
- 66100 Lab 5: 4:00-7:00 pm Tue Sci 3175 K. Nell Max 8
- 66101 Lab 6: 2:15-5:15 pm Wed Sci 3175 B. Nell Max 8
- 66189 Lab 7: 8:00-11:00 am Thu Sci 3175 K. Boyd Max 8
- 66214 Lab 8: 12:00-3:00 pm Thu Sci 3175 Seeger Max 8
- 66322 Lab 9: 4:00-7:00 pm Thu Sci 3175 B. Nell Max 8

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

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

**Chem 2302. Organic Chemistry II.** (Sci; 4 cr; credit will not be granted if credit has been received for Chem 2304; prereq C or better in 2301, coreq 2321 or instr consent for chem majors)
- 65877: 9:15-10:20 am MWF Sci 3650 Carpenter Max 30

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

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

**Chem 2322. Introduction to Research II.** (1 cr; prereq 2321, coreq 2302 or 2304, instr consent)
- Students obtain a permission slip from a chemistry faculty member before registering.
- Lab 1: 2:15-5:15 pm MW (2nd half) Sci 3135
- Lab 12: 12:00-3:00 pm TTh (2nd half) Sci 3135

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

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

**Chem 3502. Physical Chemistry II.** (Sci; 4 cr; prereq 3501, coreq 3511 or instr consent for chem majors)
- 65880: 1:00-2:05 pm MWF Sci 4655 Alia Max 30

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

*Spring Semester 2018*
Chem 3901. Chemistry Seminar I. (0.5 cr; prereq 2321; required of all chem majors; may not count toward chem minor; A-F only)
66147 4:00-5:50 pm Tue Sci 2200 Carpenter Max 40

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

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

Chem 4111. Instrumental Analysis. (5 cr; prereq 3101)
Lec 1 9:00-10:05 am TTh Sci 4655 Goodnough
66611 Lab 2 10:15-11:45 TTh + arr Sci 3040 Goodnough Max 8

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

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

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

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

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

Chem 4901. Chemistry Seminar II. (0.5 cr; prereq 3901; required of all chem majors; may not count toward chem minor; full-year course begins fall semester)
66150 4:00-5:00 pm Tue Sci 1020 Goodnough Max 40

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

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

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Spring Semester 2018
CHINESE

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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## COMPUTER SCIENCE

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
<th>Credits</th>
<th>Time</th>
<th>Location</th>
<th>Instructor(s)</th>
<th>Max</th>
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<tbody>
<tr>
<td>CSci 1201. Introduction to Digital Media Computation.</td>
<td>(M/SR; 4 cr)</td>
<td>66158</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Sci 2190</td>
<td>Lamberty</td>
<td>Max 25</td>
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<tr>
<td>CSci 1993. Directed Study.</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td>Arranged</td>
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<tr>
<td>CSci 2701. Introduction to Data Science.</td>
<td>(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)</td>
<td>66347</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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<tr>
<td>CSci 2993. Directed Study.</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td>Arranged</td>
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<td>CSci 3402. Computing Systems: Concepts.</td>
<td>(3 cr; prereq 1302 or both Math 2202 and Math 3411, CSci 2101 or instr consent)</td>
<td>66349</td>
<td>10:00-11:40 am</td>
<td>Tue</td>
<td>Sci 2185</td>
<td>McPhee</td>
<td>Max 24</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>10:00-10:50 am</td>
<td>Thu</td>
<td>Sci 2185</td>
<td>McPhee</td>
<td></td>
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<tr>
<td>CSci 3601. Software Design and Development.</td>
<td>(M/SR; 5 cr; prereq grade of a C- or better in 2101 or instr consent)</td>
<td>Lec 1</td>
<td>11:45-12:50 pm</td>
<td>MF</td>
<td>Sci 2185</td>
<td>McPhee, Lamberty</td>
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<td>66102 Lab 2</td>
<td>2:00-3:50 pm</td>
<td>TTh</td>
<td>Sci 2610</td>
<td>McPhee, Lamberty</td>
<td>Max 24</td>
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<td>CSci 3993. Directed Study.</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td>Arranged</td>
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<td>CSci 4409. Systems: Programming for Parallel Architecture.</td>
<td>(2 cr; prereq 3402, 3403 or instr consent)</td>
<td>66628</td>
<td>1:00-1:50 pm</td>
<td>TTh</td>
<td>Sci 2185</td>
<td>McPhee</td>
<td>Max 24</td>
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<tr>
<td>CSci 4555. Theory: Neural Networks and Machine Learning.</td>
<td>(4 cr; prereq CSci 1302 or both Math 2202 and Math 3411, CSci 2101 or instr consent)</td>
<td>66629</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Sci 2185</td>
<td>Machkasova</td>
<td>Max 20</td>
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<tr>
<td>CSci 4656. Processes, Programming, and Languages: Human-Computer Interaction and Interface Design.</td>
<td>(4 cr; prereq 2101 or instr consent)</td>
<td>66630</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Sci 2185</td>
<td>Lamberty</td>
<td>Max 20</td>
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<tr>
<td>CSci 4901. Senior Seminar.</td>
<td>(2 cr; prereq IS 1091, jr or sr, instr consent; S-N only)</td>
<td>66108</td>
<td>4:00-4:50 pm</td>
<td>Tue</td>
<td>Sci 2185</td>
<td>Machkasova</td>
<td>Max 12</td>
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<tr>
<td>CSci 4993. Directed Study.</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td>Arranged</td>
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*Spring Semester 2018*
# DANCE

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

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

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

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

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

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

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ECONOMICS

**Econ 1111. Principles of Microeconomics.** (SS; 4 cr; prereq high school algebra or instr consent)
- 66634 10:30-11:35 am MWF IH 111 Brown Max 45

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

*Spring Semester 2018*
Econ 4502. Advanced Research Seminar in Economics and Management. (2 cr; prereq 4501, instr consent)
66635 Sec 1 3:30-5:10 pm Wed IH 202 Panda Max 4
66636 Sec 2 3:30-5:10 pm Wed IH 115 Brown Max 4

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

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Spring Semester 2018
## 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)
66244
Arranged
Jepma

### Ed 2121. Introduction to Education. (SS; 4 cr; coreq 2111; A-F only)
66223
10:00-11:14 am
TTh
MRC 205
Jepma
Max 36

### Ed 2131. Foundations of Reading. (2 cr; A-F only; this course is a prerequisite for admission to the Elementary Education program; open to students from all disciplines; students enrolled in this course are required to pay for and submit to a Minnesota background check)
66225
8:00-9:40 am
TTh (2nd half)
MRC 205
Sloan
Max 35

### Ed 2221. Diversity and Identity in Literature and Film. (HDiv; 4 cr)
66318
8:00-9:40 am
TTh
Edu 102
Page
Max 25

### Ed 2231. Disability in American Education. (HDiv; 2 cr)
69337
10:00-11:40 am
TTh (1st half)
IH 203
Harell
Max 16

### Ed 2302. Critical Research on Indigenous Languages and Policies in Public Schools. (E/CR; 4 cr)
66520
12:00-1:40 pm
TTh
Hum 11
Staff
Max 20

### Ed 2601. Development, Learning, and Teaching. (SS; 2 cr; A-F only)
66342 Sec 1
12:00-1:40 pm
TTh (1st half)
Sci 2190
Harell
Max 40
66536 Sec 2
12:00-1:40 pm
TTh (2nd half)
Sci 2190
Harell
Max 40

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

### Ed 3011. Global Practicum: Building Intercultural Perspectives for PK-12 Education. (IP; 6-10 cr [max 10 cr]; special fee required; credit will not be granted if credit has been received for: IS 3011; prereq jr status, instr consent)
66159 Sec 500
Study Abroad
UMM Students
Lam
66522 Sec 501
Study Abroad
Non-UMM Students
Lam

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

### Ed 4901. The Teacher and Professional Development. (1 cr; prereq ElEd or SeEd 4201 or 4204 or instr consent; A-F only)
66226 Sec 1
1:00-3:00 pm
M-F (2nd half)
MRC 211
Rudney
Max 48
Sec 2
1:00-3:00 pm
M-F (2nd half)
Edu 102
Jepma
Sec 3
1:00-3:00 pm
M-F (2nd half)
Edu 106
Bovre

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

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EDUCATION, ELEMENTARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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Spring Semester 2018
EDUCATION, SECONDARY

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

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

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

SeEd 4204. Directed Global Student Teaching at the Middle and Secondary Level. (IP; 1-16 cr; prereq 4102, 4103, 4104, 4105; methods, CMR 1042 or 1052, passing scores on basic skills or instr consent; special fee required)
66067 Sec 500 Study Abroad UMM Students Lam
66521 Sec 501 Study Abroad Non-UMM Students Lam

SeEd 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged
## 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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<tr>
<td>66305</td>
<td>Sec 1</td>
<td>8:00-9:05 am</td>
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<td>HFA 18</td>
<td>Kildegaard</td>
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<td>66306</td>
<td>Sec 2</td>
<td>9:15-10:20 am</td>
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<td>Gercken</td>
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<td>66308</td>
<td>Sec 4</td>
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<td>Hum 11</td>
<td>Wenzel</td>
<td>Max 18</td>
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<td>66309</td>
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<td>1:00-2:05 pm</td>
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<td>HFA 18</td>
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<td>Max 18</td>
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<tr>
<td>66310</td>
<td>Sec 6</td>
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<td>MWF</td>
<td>Hum 205</td>
<td>Staff</td>
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<tr>
<td>66311</td>
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<td>Hum 111</td>
<td>Johnson</td>
<td>Max 18</td>
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<td>66312</td>
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<td>IH 114</td>
<td>Kolaya</td>
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<td>66429</td>
<td>Sec 9</td>
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<td>67607</td>
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<td>66313</td>
<td>*Sec 20</td>
<td>9:15-10:20 am</td>
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<td>66314</td>
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<td>Hum 5</td>
<td>Robinson</td>
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<td>66531</td>
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### Engl 1993. Directed Study
*(1-5 cr [max 10 cr]; prereq approved directed study form)*

Arranged

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

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<tr>
<td>66659</td>
<td>2:00-3:40 pm</td>
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<td>Hum 205</td>
<td>D. Ericksen</td>
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### Engl 2015. Introduction to Film Studies
*(Hum; 4 cr; prereq 1601 (or 1011) or equiv or declared English major)*

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<td>68401</td>
<td>4:00-5:40 pm</td>
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<td>HFA 6</td>
<td>D. Ericksen</td>
<td>Max 20</td>
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<tr>
<td></td>
<td>4:00-7:00 pm</td>
<td>Tue</td>
<td>HFA 6</td>
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<td>Max 20</td>
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### Engl 2031. Gender in Literature and Culture
*(Hdiv; 4 cr; prereq 1601 (or 1011) or equiv or declared English major)*

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<td>66291</td>
<td>12:00-1:40 pm</td>
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<td>IH 114</td>
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### Engl 2059. Introduction to Shakespeare
*(Hum; 4 cr; prereq 1601 (or 1011) or equiv or declared English major)*

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<td>66654</td>
<td>3:30-4:35 pm</td>
<td>MW</td>
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### Engl 2062. Families in Wartime: Literary and Filmic Representations
*(Hum; 4 cr; prereq 1601)*

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<td>Hum 11</td>
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### Engl 2108. Writing with Style
*(2 cr; prereq 1601)*

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<td>66650</td>
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<td>MW</td>
<td>IH 202</td>
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### Engl 2121. Topics in Writing: Introduction to Creative Writing
*(ArtP; 4 cr; prereq 1601 (or 1011) or equiv)*

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<td>66319</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Hum 111</td>
<td>Johnson</td>
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### Engl 2202. Survey of British Literature from the 18th Century
*(Hum; 4 cr)*

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<td>66493</td>
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<td>Hum 111</td>
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### Engl 2501. Literary Studies
*(Hum; 4 cr; prereq 1601 (or 1011) or equiv; credit will not be granted if credit has been received for: Engl 1131)*

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

Arranged

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

69000   9:15-10:20 am   MWF   Hum 205   Hume   Max 20

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

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

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

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

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

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

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

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Spring Semester 2018
ENVIRONMENTAL SCIENCE

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

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ENVIRONMENTAL STUDIES

EnSt 1101. Environmental Problems and Policy. (Envt; 4 cr)
66182 10:00-11:40 am TTh HFA 6 Loo Max 40

EnSt 3201. Environmental Justice. (E/CR; 4 cr; prereq 4 cr of EnSt or instr consent)
66679 11:45-12:50 pm MWF Sci 1030 Loo Max 20

EnSt 4901. Senior Capstone Experience. (4 cr; prereq 3989 or 3996, sr status or instr consent; A-F only)
66194 2:00-5:00 pm Tue IH 115 Breen Max 15

Spring Semester 2018
FRENCH

Fren 1002. Beginning French II. (FL; 4 cr; prereq 1001 or placement or instr consent)
65925 Sec 1 10:30-11:35 am MWF Hum 205 Buchanan Max 25
66202 Sec 2 1:00-2:05 pm MWF Hum 11 Buchanan Max 25

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

Fren 2002. Intermediate French II. (IP; 4 cr; prereq 2001 or placement or instr consent)
65926 2:00-3:40 pm TTh Hum 111 Bevevino Max 25

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

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

Fren 3004. Civilization and Composition: Colonialism and Francophone Worlds. (Hist; 2 cr; prereq 2002 or instr consent)
66684 2:15-3:20 pm MWF (1st half) Hum 11 Buchanan Max 15

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

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

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

Fren 4902. French Capstone Project. (2 cr; prereq a minimum of 16 credits completed in 3xxx electives, instr consent)
66685 6:00-6:50 pm MW Hum 205 Buchanan Max 10

Fren 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)
Arranged
GENDER, WOMEN, AND SEXUALITY STUDIES

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

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

GWSS 4901. Gender, Women, and Sexuality Studies Capstone. (1 cr; prereq completion of 32 cr in women’s studies; A-F only)
66196 Arranged Rothchild

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GEOGRAPHY

Geog 2001. Problems in Geography. (Envt; 4 cr)
66320 Completely online Beaver Max 40
## GEOLOGY

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

### Geol 1101. Physical Geology. (Sci-L; 4 cr)
- **Lec 1** 11:45-12:50 pm MWF Sci 3610 Cotter
- **65886 Lab 2** 1:30-4:30 pm Mon Sci 1650 Cotter Max 24
- **65887 Lab 3** 2:00-5:00 pm Tue Sci 1650 Cotter Max 24

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

### Geol 2111. Igneous and Metamorphic Petrology. (Sci-L; 4 cr; prereq 2101)
- **Lec 1** 11:45-12:50 pm MWF Sci 1510 Crabtree
- **66191 Lab 2** 2:00-5:00 pm Tue Sci 1510 Crabtree Max 12

### Geol 2141. Glacial and Quaternary Geology. (Sci; 4 cr; prereq 1101)
- **Lec 1** 10:00-11:40 am TTh Sci 1030 Cotter
- **66688 Lab 2** 2:15-5:15 pm Wed Sci 2530 Crabtree Max 24

### Geol 2161. GIS and Remote Sensing. (Sci; 4 cr; prereq 1101 or Biol 1101 or Biol 1111 or instr consent)
- **Lec 1** 9:15-10:20 am MWF Sci 2530 Crabtree
- **66244 Lab 2** 2:15-5:15 pm Wed Sci 2530 Crabtree Max 20

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

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

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

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

### 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)

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<td>65928</td>
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<td>66321</td>
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<td>Hum 205</td>
<td>Carey</td>
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**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)

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<td>Hum 12</td>
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**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)

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<td>Hum 12</td>
<td>Wilberg</td>
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**Ger 3601. Studies in German Literature.** (Hum; 4 cr; prereq 3011)(Meets w/Hum 3601)

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<td>68949</td>
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**Ger 3993. Directed Study.** (1-5 cr per semester [max 10 cr]; prereq approved directed study form)

Arranged

**Ger 4101. History of the German Language.** (Hist; 4 cr; prereq 1001 or equiv)

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

Arranged

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

Arranged

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HISTORY

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<th>Course Title</th>
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<td>Hist 1111</td>
<td>Introduction to World History.</td>
<td>4 cr</td>
<td>8:00-9:40 am</td>
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<td>IH 109</td>
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<td>Hist 1113</td>
<td>Introduction to African History since 1880.</td>
<td>4 cr</td>
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<td>Hist 1301</td>
<td>Introduction to U.S. History.</td>
<td>4 cr</td>
<td>9:15-10:20 am</td>
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<td>Hist 1601</td>
<td>Latin American History: A Basic Introduction.</td>
<td>IP</td>
<td>3:30-5:10 pm</td>
<td>MW</td>
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<td>Hist 2003</td>
<td>Public History.</td>
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<td>3:30-5:10 pm</td>
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<td>Lib 420</td>
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<td>Hist 2251</td>
<td>American Indians and the United States.</td>
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<td>10:00-11:40 am</td>
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<td>IH 111</td>
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<td>Hist 2312</td>
<td>History of South Africa to 1976.</td>
<td>4 cr</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>IH 217</td>
<td>James</td>
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<tr>
<td>Hist 2451</td>
<td>The American West.</td>
<td>4 cr</td>
<td>2:00-3:40 pm</td>
<td>TTh</td>
<td>Hum 205</td>
<td>Jurss</td>
</tr>
<tr>
<td>Hist 2551</td>
<td>Modern Japan.</td>
<td>4 cr</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Hum 205</td>
<td>Staff</td>
</tr>
<tr>
<td>Hist 3181</td>
<td>The Study of History.</td>
<td>4 cr</td>
<td>2:00-3:40 pm</td>
<td>TTh</td>
<td>IH 203</td>
<td>Bruce</td>
</tr>
<tr>
<td>Hist 3207</td>
<td>The Crusades.</td>
<td>IP</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>IH 114</td>
<td>Deane</td>
</tr>
<tr>
<td>Hist 3213</td>
<td>Modern Britain.</td>
<td>4 cr</td>
<td>2:00-3:40 pm</td>
<td>TTh</td>
<td>IH 203</td>
<td>Bruce</td>
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<tr>
<td>Hist 3402</td>
<td>Representations from the Field: American Indian Ethnography and Ethnohistory</td>
<td>Hdiv</td>
<td>8:00-9:40 am</td>
<td>TTh</td>
<td>IH 113</td>
<td>Whalen</td>
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<tr>
<td>Hist 3612</td>
<td>Social Revolution in 20th-Century Latin America.</td>
<td>4 cr</td>
<td>12:00-1:40 pm</td>
<td>TTh</td>
<td>IH 217</td>
<td>Narvaez</td>
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<td>Directed Study.</td>
<td>1-5 cr</td>
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Hist 4501. Senior Research Seminar in History. (4 cr; prereq 3181, instr consent; A-F only)

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

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Spring Semester 2018
HUMAN SERVICES

HMSV 3001. Theory and Practice of Human Services. (SS; 4 cr; no credit for students who have received cr for HMSV 2001; prereq Psy 1051 or Soc 1101 or Anth 1111 or Pol 1201)
66366 2:00-3:40 pm TTh IH 111 Rothchild Max 30
HMSV 4896. Internship in the Human Services. (4 cr; prereq Psy 4102, approved internship; Psy 4101 recommended; S-N only)
Arranged Peters

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**HUMANITIES**

**Hum 1305. Career Preparation in World Languages.** (1 cr)
66370 10:00-10:50 am  TTh (2nd half)  Hum 12  V. Berberi  Max 15

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

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

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

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

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

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

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INTERDISCIPLINARY STUDIES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

IS 3810. Practicum in the Humanities. (1-2 cr [max 4 cr]; prereq instr consent; S-N only)(Students need to submit a signed permission slip before registering.)
IS 3893. Prior Learning Directed Study. (1-4 cr [max 10 cr]; prereq approved directed study form)
   Arranged

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

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

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

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

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

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

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ITALIAN

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

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

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

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

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

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## LANGUAGE

**Lang 1061. Writing in the American University I.** (3 cr; prereq non-native speaker of English, instr consent)

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<th>Max</th>
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<td>MWF</td>
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<td>Pederson</td>
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**Lang 1063. Academic Culture and Oral Skills in the American University.** (2 cr; [max 4 cr]; prereq non-native speaker of English, instr consent; S-N only) *Course runs 01/16/18 to 04/11/18*

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<th>Location</th>
<th>Instructor</th>
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<td>Mon</td>
<td>IH 114</td>
<td>Pederson</td>
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<tr>
<td>66237</td>
<td>4:00-5:15 pm</td>
<td>Wed</td>
<td>IH 114</td>
<td>Pederson</td>
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**Lang 1071. Writing in the American University II.** (3 cr; prereq 1061, instr consent)

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**Lang 1065. Grammar in Context.** (2 cr; prereq instr consent; S-N only)

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<th>Instructor</th>
<th>Max</th>
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<tr>
<td>71015 Sec 1</td>
<td>6:00-7:00 pm</td>
<td>Wed</td>
<td>IH 11</td>
<td>Robinson</td>
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<tr>
<td>71016 Sec 2</td>
<td>4:00-5:00 pm</td>
<td>Thu</td>
<td>IH 11</td>
<td>Robinson</td>
<td>20</td>
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LATIN

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

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

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

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

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

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

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

LAAS 3100. Contemporary Latin America. (1 cr [max 8 cr]; prereq LAAS major; to be repeated each sem a student is in residence; only 4 cr may apply to LAAS major)
   65916   Arranged       Espinoza

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

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

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

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# MANAGEMENT

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

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

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

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

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<th>Days</th>
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<th>Instructor</th>
<th>Max</th>
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<tr>
<td>Sec 1</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>IH 113</td>
<td>Brown</td>
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**Mgmt 3133. Managerial Accounting.** (4 cr; prereq 2102)

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<th>Instructor</th>
<th>Max</th>
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</thead>
<tbody>
<tr>
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<td>9:15-10:20 am</td>
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<td>IH 101</td>
<td>Wyum</td>
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**Mgmt 3141. Business Law: The Legal Environment of Business.** (2 cr; prereq 2101 or instr consent)

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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
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<td>Sec 1</td>
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<td>TTh</td>
<td>IH 112</td>
<td>Economou</td>
<td>30</td>
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**Mgmt 3142. Business Law: Sales Law, Commercial Paper, and Forms of Business.** (2 cr; prereq 2101 or instr consent)

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<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tbody>
<tr>
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<td>TTh</td>
<td>IH 112</td>
<td>Economou</td>
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**Mgmt 3601. Transnational Enterprise.** (IP; 4 cr; prereq 2101, Econ 1111, Econ 1112 or instr consent)

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

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<th>Instructor</th>
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**Mgmt 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)
   Arranged

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

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

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

**Math 1001. Excursions in Mathematics.** (M/SR; 4 cr; prereq 2 yrs high school math)

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<tr>
<td>65891</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 3650</td>
<td>McQuarrie</td>
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</tbody>
</table>

**Math 1012. PreCalculus I: Functions.** (4 cr; prereq Math 0901 or placement; no credit for students who have received credit for Math 1014)

<table>
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<td>66198</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
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**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)

<table>
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<th>Location</th>
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<tbody>
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<td>66199</td>
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<td>Sci 3650</td>
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**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)

<table>
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<td>66450</td>
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<td>Sci 3650</td>
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**Math 1101. Calculus I.** (M/SR; 5 cr; prereq 1012, 1013 or placement)

<table>
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<td></td>
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<td>Sci 3510</td>
<td>Roberts</td>
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**Math 1102. Calculus II.** (M/SR; 5 cr; prereq 1101)

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<td>Sci 3510</td>
<td>Chasman</td>
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<td></td>
<td>8:00-9:40 am</td>
<td>Tue</td>
<td>Sci 3510</td>
<td>Atkinson</td>
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**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)

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**Math 2202. Mathematical Perspectives.** (M/SR; 4 cr; prereq 1101)

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**Math 2212. Introduction to Knot Theory.** (M/SR; 4 cr; prereq 1101 or higher or instr consent)

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**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)

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<td>MWF</td>
<td>Sci 4655</td>
<td>McQuarrie</td>
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**Math 3231. Abstract Algebra I.** (4 cr; prereq 2111, 2202 or instr consent)

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<th>Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
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<tr>
<td>66114</td>
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<td>MWF</td>
<td>Sci 4655</td>
<td>Roberts</td>
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**Math 3993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

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

Arranged

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*Spring Semester 2018*
# MUSIC

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

<table>
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<tr>
<th>Course Code</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Enrollment</th>
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<tbody>
<tr>
<td>66247</td>
<td>Sec 1</td>
<td>Arranged Majors</td>
<td>B. Miller</td>
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<tr>
<td>69776</td>
<td>Sec 2</td>
<td>Arranged Minors</td>
<td>B. Miller</td>
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**Mus 1042. Fundamentals of Music.** (FA; 4 cr)

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<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>67197</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>D. Odello</td>
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</table>

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

<table>
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<th>Course Code</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Enrollment</th>
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</thead>
<tbody>
<tr>
<td>66292</td>
<td>1:00-1:50 pm</td>
<td>Mon</td>
<td>Bae</td>
<td>Max 12</td>
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<tr>
<td>66293</td>
<td>1:00-1:50 pm</td>
<td>Wed</td>
<td>Bae</td>
<td>Max 12</td>
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<tr>
<td>69318</td>
<td>12:00-12:50 pm</td>
<td>Thu</td>
<td>DuHamel</td>
<td>Max 12</td>
</tr>
</tbody>
</table>

**Mus 1045. Class Guitar.** (ArtP; 1 cr; special fee required)

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<th>Course Code</th>
<th>Time</th>
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<tbody>
<tr>
<td>65934</td>
<td>6:00-7:00 pm</td>
<td>Wed</td>
<td>DuHamel</td>
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</table>

**Mus 1050. Accompanying.** (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)

<table>
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<tr>
<th>Course Code</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>65931</td>
<td>6:15-7:15 pm</td>
<td>Thu</td>
<td>DuHamel</td>
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**Mus 1070. Instrumental Chamber Ensemble.** (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)

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<th>Course Code</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>65933</td>
<td>6:00-7:00 pm</td>
<td>Wed</td>
<td>Tillier</td>
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**Mus 1080. Jazz Combo.** (ArtP; 1 cr [max 8 cr]; S-N only)

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<th>Course Code</th>
<th>Time</th>
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<tr>
<td>66128</td>
<td>2:00-3:00 pm</td>
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**Mus 1090. Vocal Chamber Ensemble.** (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)

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<tbody>
<tr>
<td>66272</td>
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**Mus 1112. Functional Keyboard for the Music Major II.** (ArtP; 1 cr; prereq 1111, music major or minor; special fee required)

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<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Enrollment</th>
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</thead>
<tbody>
<tr>
<td>66248</td>
<td>2:00-2:50 pm</td>
<td>TTh</td>
<td>DuHamel</td>
<td>Max 12</td>
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<tr>
<td>66249</td>
<td>1:00-1:50 pm</td>
<td>TTh</td>
<td>DuHamel</td>
<td>tentative</td>
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**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)

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<tbody>
<tr>
<td>66702</td>
<td>9:15-10:05 am</td>
<td>MW</td>
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**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)

<table>
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<th>Time</th>
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<th>Enrollment</th>
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<tr>
<td>66703</td>
<td>9:15-10:05 am</td>
<td>Fri</td>
<td>Flinn</td>
<td>Max 30</td>
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<tr>
<td>68950</td>
<td>10:30-11:20 am</td>
<td>Fri</td>
<td>Flinn</td>
<td>Max 30</td>
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**Mus 1156. Foundations in Music History II: 1750 to Contemporary.** (FA; 2 cr; prereq 1155, coreq 1152, 1154)

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<tbody>
<tr>
<td>66704</td>
<td>9:00-9:50 am</td>
<td>TTh</td>
<td>Odello</td>
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**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**

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<tbody>
<tr>
<td>65935</td>
<td>Arranged</td>
<td>DuHamel</td>
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<tr>
<td>66073</td>
<td>Arranged</td>
<td>Bae</td>
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<td>66074</td>
<td>Arranged</td>
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<td>66075</td>
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_Spring Semester 2018_
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<tr>
<td>Mus 1201</td>
<td>Piano Accompanying</td>
<td>65936</td>
<td>DuHamel</td>
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<td>Mus 1202</td>
<td>Organ</td>
<td>65937</td>
<td>Staff</td>
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<tr>
<td>Mus 1203</td>
<td>Harpsichord</td>
<td>65938</td>
<td>DuHamel</td>
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<td>Mus 1204</td>
<td>Voice</td>
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<tr>
<td></td>
<td>Sec 1</td>
<td>65939</td>
<td>A. Miller</td>
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<td>Sec 2</td>
<td>66076</td>
<td>Howes</td>
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<td>Sec 3</td>
<td>66077</td>
<td>B. Miller</td>
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<td>Sec 4</td>
<td>66078</td>
<td>K. Miller</td>
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<tr>
<td>Mus 1205</td>
<td>Violin</td>
<td>65940</td>
<td>Corbett</td>
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<tr>
<td>Mus 1206</td>
<td>Viola</td>
<td>65941</td>
<td>Corbett</td>
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<tr>
<td>Mus 1207</td>
<td>Cello</td>
<td>65942</td>
<td>Schlemmer</td>
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<td>Mus 1208</td>
<td>Double Bass</td>
<td>65943</td>
<td>Schlemmer</td>
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<td>Mus 1209</td>
<td>Flute</td>
<td>65944</td>
<td>DeVoll</td>
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<td>Mus 1210</td>
<td>Oboe</td>
<td>65945</td>
<td>Bushman</td>
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<tr>
<td>Mus 1211</td>
<td>Clarinet</td>
<td>65946</td>
<td>Tillier</td>
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<tr>
<td>Mus 1212</td>
<td>Saxophone</td>
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<tr>
<td></td>
<td>Sec 1</td>
<td>65947</td>
<td>Campbell</td>
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<td></td>
<td>Sec 2</td>
<td>66302</td>
<td>Rodesch</td>
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<tr>
<td>Mus 1213</td>
<td>Trumpet</td>
<td>65949</td>
<td>Jimenez</td>
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<td>Mus 1214</td>
<td>French Horn</td>
<td>65950</td>
<td>Jimenez</td>
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<tr>
<td>Mus 1215</td>
<td>Trombone</td>
<td>65951</td>
<td>Varpness</td>
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<td>Mus 1216</td>
<td>Euphonium</td>
<td>65952</td>
<td>Varpness</td>
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<tr>
<td>Mus 1217</td>
<td>Tuba</td>
<td>65953</td>
<td>M. Odello</td>
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<tr>
<td>Mus 1218</td>
<td>Percussion</td>
<td>65954</td>
<td>Horey</td>
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<td>Mus 1221</td>
<td>Guitar</td>
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<td>Flegel</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>66166</td>
<td>Campbell</td>
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<td></td>
<td>Sec 1</td>
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<td></td>
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**Mus 1300. UMM Symphonic Winds.** (ArtP; 1 cr [max 8 cr]; S-N only)
- 65955: 3:30-5:20 pm MWF HFA 180 Tillier

**Mus 1301. ChamberWinds.** (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
- 66298: 4:00-5:00 pm TTh HFA 180 Tillier

**Mus 1310. University Choir.** (ArtP; 1 cr [max 8 cr]; S-N only)
- 65956: 7:00-9:00 pm Tue HFA 170 Kleinwolterink

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<td>Concert Choir</td>
<td>(ArtP; 1 cr [max 8 cr]; prerequisite; S-N only)</td>
<td>1</td>
<td>MWF</td>
<td>TTh</td>
<td>5:00-6:15 pm</td>
<td>HFA 170</td>
<td>B. Miller</td>
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<td>Mus 1330</td>
<td>Jazz Ensemble (ArtP; 1 cr [max 8 cr]; S-N only)</td>
<td>1</td>
<td>MWF</td>
<td>HFA 180</td>
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<td>2:15-3:20 pm</td>
<td></td>
<td>Campbell</td>
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<tr>
<td>Mus 1331</td>
<td>Brass Ensemble (ArtP; 1 cr [max 8 cr]; prerequisite; S-N only)</td>
<td>1</td>
<td>MWF</td>
<td>HFA 180</td>
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<td>5:00-5:50 pm</td>
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<td>Tillier</td>
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<tr>
<td>Mus 1350</td>
<td>Choral Ensembles: Community Membership (0 cr; prerequisite)</td>
<td>(Meets w/Mus 1310)</td>
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<tr>
<td>Mus 1351</td>
<td>Jazz Ensembles: Community Membership (0 cr; prerequisite)</td>
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<tr>
<td>Mus 1352</td>
<td>Wind/Brass Ensembles: Community Membership (0 cr; prerequisite)</td>
<td>(Meets w/Mus 1300)</td>
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<tr>
<td>Mus 1353</td>
<td>Orchestra: Community Membership (0 cr; prerequisite)</td>
<td>(Meets w/Mus 1370)</td>
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<tr>
<td>Mus 1370</td>
<td>Chamber Orchestra (ArtP; 1 cr [max 8 cr]; S-N only)</td>
<td>1</td>
<td>MWF</td>
<td>HFA 170</td>
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<td>6:30-8:00 pm</td>
<td></td>
<td>Corbett</td>
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<tr>
<td>Mus 1411</td>
<td>Vocal Performance Workshop (ArtP; 1 cr; prerequisite)</td>
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<td>A. Miller</td>
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<td>Mus 2045</td>
<td>Intermediate Class Guitar (ArtP; 1 cr; prerequisite)</td>
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<td>Flegel</td>
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<tr>
<td>Mus 2102</td>
<td>Core Studies II: Music Theory IV. (FA; 4 cr; prerequisite)</td>
<td>(Meet majors and minors)</td>
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<tr>
<td>Mus 2112</td>
<td>Functional Keyboard for the Music Major IV. (ArtP; 1 cr; prerequisite)</td>
<td>(Special fee required)</td>
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<td>Mus 2302</td>
<td>Instrumental Techniques – Brass (1 cr; prerequisite)</td>
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<td>Mus 2304</td>
<td>Vocal Techniques (1 cr; prerequisite)</td>
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<td>Mus 2403</td>
<td>Survey of Choral Literature (FA; 2 cr)</td>
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<td>Mus 2404</td>
<td>The Orchestra and its Literature from the 1700s through Today (FA; 2 cr)</td>
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<td>Mus 3051</td>
<td>Piano Pedagogy I (ArtP; 2 cr; prerequisite)</td>
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<tr>
<td>Mus 3102</td>
<td>Core Studies III: Classical, Romantic, and 20th-Century Music</td>
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### Spring Semester 2018

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

- **Mus 3200. Piano**  
  65959 Arranged DuHamel
- **Mus 3201. Piano Accompanying**  
  65960 Arranged DuHamel
- **Mus 3202. Organ**  
  66064 Arranged Staff
- **Mus 3203. Harpsichord**  
  65961 Arranged DuHamel
- **Mus 3204. Voice**  
  65962 Sec 1 Arranged A. Miller  
  66079 Sec 2 Arranged Howes  
  66080 Sec 3 Arranged B. Miller  
  66081 Sec 4 Arranged K. Miller
- **Mus 3205. Violin**  
  65963 Arranged Corbett
- **Mus 3206. Viola**  
  65964 Arranged Corbett
- **Mus 3207. Cello**  
  65965 Arranged Schlemmer
- **Mus 3208. Double Bass**  
  65966 Arranged Schlemmer
- **Mus 3209. Flute**  
  65967 Arranged DeVoll
- **Mus 3210. Oboe**  
  65968 Arranged Bushman
- **Mus 3211. Clarinet**  
  65969 Arranged Tillier
- **Mus 3212. Saxophone**  
  65970 Sec 1 Arranged Campbell  
  66303 Sec 2 Arranged Rodesch
- **Mus 3213. Trumpet**  
  65972 Arranged Jimenez
- **Mus 3215. French Horn**  
  65973 Arranged Jimenez
- **Mus 3216. Trombone**  
  65974 Arranged Varpness
- **Mus 3217. Euphonium**  
  65975 Arranged Varpness
- **Mus 3218. Tuba**  
  65976 Arranged M. Odello
- **Mus 3219. Percussion**  
  65977 Arranged Horey
- **Mus 3221. Guitar**  
  66133 Arranged Flegel
- **Mus 3222. Electric Bass**  
  66134 Arranged Flegel
- **Mus 3223. Composition**  
  66167 Sec 1 Arranged Campbell  
  68952 Sec 3 Arranged Flinn
- **Mus 3224. Improvisation (pending approval)**  
  Arranged Campbell

**Mus 3331. Choral Conducting and Materials.** (2 cr; prereq 3311, major or minor or instr consent)

<table>
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<tr>
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<th>Sections</th>
<th>Times</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>66708</td>
<td></td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>HFA 170</td>
<td>B. Miller</td>
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Mus 3351. Instrumental Arranging. (ArtP; 2 cr; prereq 1102; A-F only)
66709 1:00-1:50 pm TTh HFA 185 Campbell

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

Mus 4901. Senior Project and Portfolio. (1 cr; prereq major, instr consent; S-N only)
65978 Arranged D. Odello

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Spring Semester 2018
NATIVE AMERICAN AND INDIGENOUS STUDIES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<th>Prerequisite(s)</th>
<th>Time</th>
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<th>Max Capacity</th>
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<tbody>
<tr>
<td>NAIS 1012</td>
<td>Beginning Anishinaabe Language II. (FL; 4 cr; prereq 1011)</td>
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<td>FL</td>
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<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Hum 205</td>
<td>Kmett</td>
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<tr>
<td>NAIS 1101</td>
<td>Introduction to Native American and Indigenous Studies. (HDiv, 4 cr)</td>
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<td>HDiv</td>
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<td>NAIS 2993</td>
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<td>Senior Project in Native American and Indigenous Studies. (4 cr; prereq 1101, NAIS major, instr consent)</td>
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Spring Semester 2018
PHILOSOPHY

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

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

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

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

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

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

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

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

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

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

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

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PHYSICS

**Phys 1092. Principles of Physics II.** (Sci-L; 5 cr; prereq 1091)

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<td>MWF</td>
<td>Sci 1030</td>
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<td>Sci 4550</td>
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**Phys 1101. General Physics I.** (Sci-L; 5 cr; prereq Math 1101 or instr consent)

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<td>Sci 3650</td>
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**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)

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<td>Sci 4650</td>
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**Phys 2993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

Arranged

**Phys 3151. Solid State Physics.** (2 cr; prereq 2101, Math 2101)

| Course   | 66721 | 1:15-2:05 pm | WF | Sci 3655 | Boyd | Max 10 |

**Phys 3301. Optics.** (4 cr; prereq 1102)

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<td>Thu</td>
<td>Sci 4530</td>
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**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)

| Course   | 66251 | 3:30-4:35 pm | MWF | Sci 3665 | Korth | Max 15 |

**Phys 4902. Senior Thesis II.** (1 cr; prereq 4901)

Arranged

Korth, McIntosh, Morgan, Boyd

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

Arranged

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## POLITICAL SCIENCE

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

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

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

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

### Pol 2411. Model United Nations. (IP; 4 cr)
- Code: 66725
- Time: 12:00-1:40 pm
- Days: TTh
- Location: IH 113
- Instructor: Joo
- Max: 25

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

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

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

### Pol 3351. Ancient and Medieval Political Thought. (Hum; 4 cr; prereq 1101 or instr consent)
- Code: 66722
- Time: 9:15-10:20 am
- Days: MWF
- Location: IH 111
- Instructor: Breen
- Max: 20

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

### Pol 3996. Field Study in Political Science. (1-16 cr [max 16 cr]; prereq instr consent; max of 4 cr may be applied to the major or minor)
- Arranged
- Staff

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

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

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<td>Psy 1051</td>
<td>Introduction to Psychology</td>
<td>SS; 4 cr</td>
<td>1:00-2:05 pm</td>
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<td>Psy 2001</td>
<td>Research Methods in Psychology</td>
<td>SS; 4 cr; prereq 1051, Stat 1601 or Stat 2601, or instr consent</td>
<td>9:15-10:20 am</td>
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<td>Psy 2581</td>
<td>Drugs and Human Behavior</td>
<td>SS; 2 cr; prereq 1051 or instr consent</td>
<td>10:30-11:35 am</td>
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<td>Psy 3314</td>
<td>Child and Adolescent Psychopathology</td>
<td>4 cr; prereq 1051 or instr consent</td>
<td>12:00-1:40 pm</td>
<td>TTh</td>
<td>IH 101</td>
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<td>Developmental Psychology II: Adolescence and Emerging Adulthood</td>
<td>4 cr; prereq 1051 or instr consent</td>
<td>4:00-5:40 pm</td>
<td>TTh</td>
<td>IH 217</td>
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<tr>
<td>Psy 3403</td>
<td>Developmental Psychology III: Adulthood and Aging</td>
<td>E/CR; 4 cr; prereq 1051 or instr consent</td>
<td>8:00-9:40 am</td>
<td>TTh</td>
<td>IH 217</td>
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<td>Psy 3504</td>
<td>Educational Psychology</td>
<td>4 cr; prereq 1051</td>
<td>11:45-12:50 pm</td>
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<td>Psy 3521</td>
<td>Health Psychology</td>
<td>4 cr; prereq 1051</td>
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<td>IH 112</td>
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<td>Psy 3611</td>
<td>History and Philosophy of Psychology</td>
<td>Hist; 4 cr; prereq 1051 or instr consent</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>IH 217</td>
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<td>Psy 3701</td>
<td>Organizational Behavior</td>
<td>SS; prereq Stat 1601 or Stat 2601, jr or sr(Same as Mgmt 3701)</td>
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<td>MWF</td>
<td>IH 113</td>
<td>D. Stewart</td>
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Psy 3800. Research Practicum. (1-12 cr [max 12 cr]; prereq instr consent; S-N only)
Arranged

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

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

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

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

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

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

Psy 4930. Advanced Seminar in Personality or Clinical Psychology. (4 cr; prereq 2001, 3302 or 3313 or 3314, sr status, instr consent; A-F only)
67170  2:00-3:40 pm  TTh  IH 217  Peters  Max 8

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

Psy 4960. Advanced Seminar in Health Psychology. (4 cr; prereq 2001, 3521 (or 3201, 3211), sr status, instr consent; A-F only)
66473  3:30-4:35 pm  MWF  IH 217  Michael  Max 8

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

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SOCIOLOGY

Soc 1101. Introductory Sociology. (SS; 4 cr)
66335 10:00-11:40 am TTh Sci 2950 Gilanshah Max 70

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

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

Soc 2201. Sociology of Food. (HDiv; 4 cr; prereq 1101 or instr consent
67172 10:00-11:40 am TTh Hum 111 Rothchild Max 30

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

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

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

Soc 3141. Sociology of Deviance. (E/CR; 4 cr; prereq 1101 or instr consent)
67173 12:00-1:40 pm TTh IH 109 Rothchild Max 30

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

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

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

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## SPANISH

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

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**Span 1003. Accelerated Beginning Spanish.** (FL; 4 cr; prereq placement or instr consent)

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

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

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

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

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<td>Sec 2</td>
<td>12:00-1:40 pm</td>
<td>TTh  (1st half)</td>
<td>Hum 12</td>
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**Span 3112. Readings in Spanish II.** (Hum; 2 cr; prereq 3012, 3111 or instr consent)

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<td>IH 202</td>
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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 3685. Seminar: Slavery and Abolition in Cuban Literature and Culture.** (IP; 4 cr; prereq 3012, 3112 or instr consent)

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</table>

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Span 4001</td>
<td></td>
<td>4:00-5:40 pm</td>
<td>TTh</td>
<td>IH 202</td>
<td>Coon</td>
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**Span 4993. Directed Study.** (1-5 cr [max 10 cr]; prereq approved directed study form)

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## SPORT STUDIES AND ATHLETICS

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

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

### SSA 1101. First Aid. (1 cr)
- 66092: 9:15-10:20 am MWF (1st half) PEC 240 Hoffmann Max 20

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

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

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

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

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

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

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

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

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

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

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

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

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

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<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Instructor</th>
<th>Credits Available</th>
<th>Meetings</th>
<th>Location</th>
<th>Instructor</th>
<th>Credits Available</th>
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<tbody>
<tr>
<td>SSA 2993.</td>
<td><strong>Directed Study.</strong> (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<tr>
<td>SSA 3101.</td>
<td><strong>Sport Industry Analysis.</strong> (SS; 4 cr; prereq 2302, Stat 1601 or Stat 2601 or instr consent)</td>
<td></td>
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<td>66209</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Sci 4655</td>
<td>Bryant</td>
<td>Max 25</td>
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<td>SSA 3201.</td>
<td><strong>Coaching Practicum.</strong> (1 cr; prereq instr consent; S-N only)</td>
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<td>SSA 3210.</td>
<td><strong>Internship in Sport Studies and Athletics.</strong> (1-12 cr; [max 24 cr]; prereq instr consent; S-N only)</td>
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<td>SSA 3993.</td>
<td><strong>Directed Study.</strong> (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
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<td>SSA 4101.</td>
<td><strong>Planning and Programming of Athletic Facilities.</strong> (4 cr; prereq 3101)</td>
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<td>66129</td>
<td>10:00-11:40 am</td>
<td>TTh</td>
<td>PEC 251</td>
<td>Johnson</td>
<td>Max 20</td>
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<td>SSA 4201.</td>
<td><strong>Sport Governance: Legal and Ethical Issues.</strong> (E/CR; 4 cr; prereq 2401, 2402, 4102; A-F only)</td>
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<td>66269</td>
<td>12:00-1:40 pm</td>
<td>TTh</td>
<td>Hum 5</td>
<td>Bryant</td>
<td>Max 20</td>
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<td>SSA 4993.</td>
<td><strong>Directed Study.</strong> (1-5 cr [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)
65896 Sec 1 9:15-10:20 am MWF Sci 3610 Kim Max 40
65897 Sec 2 11:45-12:50 pm MWF Sci 3650 Kim Max 40
66083 Sec 3 2:15-3:20 pm MWF Sci 3610 Dolan Max 40
66088 Sec 4 10:00-11:40 am TTh Sci 3610 Sungur Max 40

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

Stat 2611. Mathematical Statistics. (M/SR; 4 cr; prereq Math 1101)
65899 10:30-11:35 am MWF Sci 3610 Kim Max 30

Stat 2701. Introduction to Data Science. (M/SR; 4 cr; prereq 1601 or 2601 or 2611, CSci 1201 or CSci 1301 or CSci 1251 or instr consent; credit will not be granted if credit has been received for: CSci 2701)(Same as CSci 2701)
66348 4:45-5:50 pm MWF Sci 3650 Dolan Max 15

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

Stat 3611. Multivariate Statistical Analysis. (M/SR; 4 cr; prereq 1601 or 2601 or 2611 or instr consent)
65900 2:00-3:40 pm TTh Sci 3550 Sungur Max 20

Stat 3901. Statistical Communication. (2 cr; prereq stat major, jr or sr status or instr consent)
66742 4:00-6:00 pm Tue Sci 3610 Anderson Max 20

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

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

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# THEATRE ARTS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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