# TABLE OF CONTENTS

**FALL 2018 Schedule of Classes**

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

*Click on discipline title to go listing of classes*

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMERICAN SIGN LANGUAGE</td>
<td>2</td>
</tr>
<tr>
<td>ANTHROPOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>ART HISTORY</td>
<td>4</td>
</tr>
<tr>
<td>ART, STUDIO</td>
<td>5</td>
</tr>
<tr>
<td>BIOLOGY</td>
<td>7</td>
</tr>
<tr>
<td>CHEMISTRY</td>
<td>9</td>
</tr>
<tr>
<td>CHINESE</td>
<td>11</td>
</tr>
<tr>
<td>COMMUNICATION, MEDIA, AND RHETORIC</td>
<td>12</td>
</tr>
<tr>
<td>COMPUTER SCIENCE</td>
<td>13</td>
</tr>
<tr>
<td>DANCE</td>
<td>14</td>
</tr>
<tr>
<td>ECONOMICS</td>
<td>15</td>
</tr>
<tr>
<td>EDUCATION</td>
<td>16</td>
</tr>
<tr>
<td>EDUCATION, ELEMENTARY</td>
<td>17</td>
</tr>
<tr>
<td>EDUCATION, SECONDARY</td>
<td>18</td>
</tr>
<tr>
<td>ENGLISH</td>
<td>20</td>
</tr>
<tr>
<td>ENVIRONMENTAL SCIENCE</td>
<td>22</td>
</tr>
<tr>
<td>ENVIRONMENTAL STUDIES</td>
<td>23</td>
</tr>
<tr>
<td>FRENCH</td>
<td>24</td>
</tr>
<tr>
<td>GENDER, WOMEN, AND SEXUALITY STUDIES</td>
<td>25</td>
</tr>
<tr>
<td>GEOGRAPHY</td>
<td>26</td>
</tr>
<tr>
<td>GEOLOGY</td>
<td>27</td>
</tr>
<tr>
<td>GERMAN</td>
<td>28</td>
</tr>
<tr>
<td>HISTORY</td>
<td>29</td>
</tr>
<tr>
<td>HUMAN SERVICES</td>
<td>30</td>
</tr>
<tr>
<td>HUMANITIES</td>
<td>31</td>
</tr>
<tr>
<td>INTERDISCIPLINARY STUDIES</td>
<td>32</td>
</tr>
<tr>
<td>ITALIAN</td>
<td>35</td>
</tr>
<tr>
<td>LANGUAGE</td>
<td>36</td>
</tr>
<tr>
<td>LATIN</td>
<td>37</td>
</tr>
<tr>
<td>LATIN AMERICAN AREA STUDIES</td>
<td>38</td>
</tr>
<tr>
<td>MANAGEMENT</td>
<td>39</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>40</td>
</tr>
<tr>
<td>MUSIC</td>
<td>42</td>
</tr>
<tr>
<td>NATIVE AMERICAN AND INDIGENOUS STUDIES</td>
<td>46</td>
</tr>
<tr>
<td>PHILOSOPHY</td>
<td>47</td>
</tr>
<tr>
<td>PHYSICS</td>
<td>48</td>
</tr>
<tr>
<td>POLITICAL SCIENCE</td>
<td>49</td>
</tr>
<tr>
<td>PSYCHOLOGY</td>
<td>50</td>
</tr>
<tr>
<td>SOCIOLOGY</td>
<td>52</td>
</tr>
<tr>
<td>SPANISH</td>
<td>53</td>
</tr>
<tr>
<td>SPORT STUDIES AND ATHLETICS</td>
<td>54</td>
</tr>
<tr>
<td>STATISTICS</td>
<td>56</td>
</tr>
<tr>
<td>THEATRE ARTS</td>
<td>57</td>
</tr>
</tbody>
</table>

*Fall Semester 2018*
AMERICAN SIGN LANGUAGE

ASL 1001. Beginning American Sign Language I. (4 cr)
32704  6:15-7:55 pm  TTh  IH 101  Poore  Max 30
# ANTHROPOLOGY

**Anth 1103. People of the Past: Introduction to Archaeology.** (SS; 4 cr)  
34405 11:45-12:50 pm MWF IH 112 Akina Max 40

**Anth 1111. Introductory Cultural Anthropology.** (SS; 4 cr)  
33277 1:00-2:05 pm MWF IH 109 Ortiz Max 70

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

**Anth 1865. Vikings, Aliens, and Ancient Idols: Evaluating Evidence in Archaeology.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)  
34429 Sec 1 9:15-10:05 am MW IH 217 Dean Max 13  
34430 Sec 2 11:45-12:30 pm MW IH 217 Dean Max 13

**Anth 2002. Learning from the Dead: Introduction to Methods in Archaeology and Biological Anthropology.** (SS; 2 cr; prereq any 1xxx Anth course)  
32947 10:30-11:20 am WF IH 202 Beaver Max 16

**Anth 2151. Professional Skills in Anthropology.** (SS; 2 cr; prereq any 1xxx Anth course or instr consent)  
33281 12:50-2:30 pm TTh (2nd half) IH 217 Dean Max 18

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

**Anth 3204. Culture, Food, and Agriculture.** (Envt; 4 cr; prereq 1111 or Soc 1101 or instr consent)  
34356 9:50-11:30 am TTh IH 114 Ortiz Max 30

**Anth 3704. Anthropological Genetics.** (4 cr; prereq 1201 or Biol 1111; A-F only)  
33280 2:40-4:20 pm TTh IH 114 Beaver Max 30

**Anth 3761. Human Fossil Record.** (Sci; 2 cr; prereq 1201)  
33645 12:50-2:30 pm TTh (1st half) IH 3 Dean Max 16

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

**Anth 4411. Research in Cultural Anthropology.** (E/CR; 4 cr; prereq 1111, 2001)  
33278 8:00-9:40 am TTh IH 202 Ortiz Max 18

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

[Return to Table of Contents]
ART HISTORY

ArtH 1101. Interpreting the Visual World: An Introduction to Art History. (FA; 4 cr)
34942 9:15-10:20 am MWF HFA 6 Dabbs Max 35

ArtH 1121. Renaissance to Modern Art. (FA; 4 cr)
32928 12:50-2:30 pm TTh HFA 6 Basu Max 35

ArtH 1801. Memorials and Memorialization. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
32993 9:50-11:30 am Tue HFA 2 Dabbs Max 13

ArtH 1803. Art+History, UMM+Community: Service-Learning Experience in Art History. (IC; 2 cr; prereq new college student in their frist semester of enrollment at UMM)
34461 3:30-5:10 pm Wed HFA 2 Dabbs Max 13

ArtH 3211. Modern Art from Impressionism to Surrealism. (FA; 4 cr; prereq any 1xxx ArtH course or jr status)
33210 2:40-4:20 pm TTh HFA 2 Basu Max 15

ArtH 3221. Contemporary Art, 1950 to the Present. (FA; 4 cr; prereq any 1xxx ArtH course or jr status)
34805 2:40-4:20 pm TTh HFA 2 Basu Max 15

ArtH 3231. History of Photography. (FA; 4 cr; prereq any 1xxx ArtH course or jr status)
34804 12:50-2:30 pm TTh HFA 2 Basu Max 15

ArtH 3281. Women and Art. (FA; 4cr; prereq any 1xxx ArtH course or jr status)
33209 9:50-11:30 am TTh HFA 2 Dabbs Max 15

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

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

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

Return to Table of Contents
# ART, STUDIO

**ArtS 1003. Visual Studies for Non-Majors: Beginning Painting.** (ArtP; 3 cr [max 3 cr]; no elective cr for ArtS majors or minors; materials fee required)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Schedule</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32996</td>
<td>1:00-2:50 pm TTh</td>
<td>HFA 135 Nordin</td>
<td>14</td>
</tr>
</tbody>
</table>

**ArtS 1005. Visual Studies for Non-Majors: Photography.** (ArtP; 3 cr [max 3 cr]; no elective cr for ArtS majors or minors; materials fee required)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Schedule</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>33092</td>
<td>4:30-6:00 pm MW</td>
<td>HFA 14 Stansbury</td>
<td>6</td>
</tr>
</tbody>
</table>

**ArtS 1050. Beginning Ceramics.** (ArtP; 3 cr [max 6 cr]; materials fee required)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Schedule</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32493 Sec 1</td>
<td>9:00-11:30 am TTh</td>
<td>HFA 145 Stansbury</td>
<td>12</td>
</tr>
<tr>
<td>32444 Sec 2</td>
<td>1:00-3:30 pm TTh</td>
<td>HFA 145 Stansbury</td>
<td>12</td>
</tr>
</tbody>
</table>

**ArtS 1101. Basic Studio Drawing I.** (ArtP; 2 cr; coreq 1103, 1105; one 1xxx ArtH course recommended during the same year; materials fee required)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Schedule</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32445 Sec 1</td>
<td>9:15-11:15 am TTh</td>
<td>HFA 130 Larson</td>
<td>16</td>
</tr>
<tr>
<td>32739 Sec 2</td>
<td>1:15-3:15 pm TTh</td>
<td>HFA 130 Larson</td>
<td>16</td>
</tr>
</tbody>
</table>

**ArtS 1102. Basic Studio 2-D Design.** (ArtP; 2 cr; coreq 1101, 1105; one 1xxx ArtH course recommended during the same year; materials fee required)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Schedule</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32446 Sec 1</td>
<td>9:15-11:15 am MW</td>
<td>HFA 15 Otten</td>
<td>16</td>
</tr>
<tr>
<td>32740 Sec 2</td>
<td>1:15-3:15 pm MW</td>
<td>HFA 15 Otten</td>
<td>16</td>
</tr>
</tbody>
</table>

**ArtS 1105. Basic Studio Discussion I.** (ArtP; 1 cr; coreq 1101, 1103; one 1xxx ArtH course recommended during the same year)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Schedule</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32447</td>
<td>11:30-1:00 pm Wed</td>
<td>HFA 2 Larson</td>
<td>32</td>
</tr>
</tbody>
</table>

**ArtS 2101. Drawing from Life I.** (ArtP; 3 cr; prereq major or minor or instr consent; materials fee required)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Schedule</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32448</td>
<td>9:00-11:30 am Mon</td>
<td>HFA 130 Ramey</td>
<td>18</td>
</tr>
</tbody>
</table>

**ArtS 3014. Media Studies: Fabric as From.** (ArtP; 3 cr; prereq major or minor or instr consent)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Schedule</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>33211</td>
<td>9:00-11:30 am Wed</td>
<td>HFA 130 Larson</td>
<td>14</td>
</tr>
</tbody>
</table>

**ArtS 3200. Printmaking Studio I.** (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for nonmajor jrs and srs; materials fee required)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Schedule</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32449</td>
<td>1:00-4:00 pm TTh</td>
<td>HFA 15 Otten</td>
<td>14</td>
</tr>
</tbody>
</table>

**ArtS 3300. Painting Studio I.** (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for nonmajor jrs and srs; materials fee required)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Schedule</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32450</td>
<td>9:00-11:30 am TTh</td>
<td>HFA 135 Nordin</td>
<td>14</td>
</tr>
</tbody>
</table>

**ArtS 3400. Sculpture Studio I.** (ArtP; 3 cr [max 9 cr]; prereq major or minor or instr consent for nonmajor jrs and srs; materials fee required)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Schedule</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32451</td>
<td>1:00-4:00 pm MW</td>
<td>HFA 145 Ramey</td>
<td>12</td>
</tr>
</tbody>
</table>

**ArtS 3500. Photographic and Digital Processes I.** (ArtP; 3 cr; [max 6 cr]; prereq major or minor or instr consent; materials fee required)(Meets w/ArtS 1005)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Schedule</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>33093</td>
<td>4:30-6:00 pm MW</td>
<td>HFA 14 Stansbury</td>
<td>6</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Schedule</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arranged</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ArtS 4902. Senior Thesis Project I.** (2 cr; prereq sr ArtS major, completion of Second Year Portfolio Review; A-F only; materials fee required)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Schedule</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32753</td>
<td>11:30-1:00 pm Mon</td>
<td>HFA 2 Ramey</td>
<td>12</td>
</tr>
</tbody>
</table>

*Fall Semester 2018*
ArtS 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)  
Arranged
### BIOLOGY

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32724</td>
<td>9:50-11:05 am</td>
<td>TTh</td>
<td>Sci 1020</td>
<td>Staff</td>
<td>Max 40</td>
</tr>
<tr>
<td>32775</td>
<td>9:50-11:05 am</td>
<td>TTh</td>
<td>Sci 2190</td>
<td>Waye</td>
<td>Max 40</td>
</tr>
<tr>
<td>32824</td>
<td>11:45-12:35 pm</td>
<td>MWF</td>
<td>Sci 1020</td>
<td>Staff</td>
<td>Max 40</td>
</tr>
</tbody>
</table>

**Biol 1803. Scientific and Cultural Perspectives of Vaccines and Epidemics.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32959</td>
<td>9:15-10:05 am</td>
<td>MW</td>
<td>Sci 3665</td>
<td>Johnson</td>
<td>Max 13</td>
</tr>
</tbody>
</table>

**Biol 2102. Human Anatomy.** (4 cr; prereq soph; no elective cr for biol majors or minors; credit will not be granted if credit has been received for: SSA 2102)(Same as SSA 2102)

**Biol 2111. Cell Biology.** (Sci-L; 4 cr; prereq C- or better in 1101 or 1111, Chem 1102 or instr consent)

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lec 1</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 1020</td>
<td>Des Lauriers</td>
<td>Max 16</td>
</tr>
<tr>
<td>32606</td>
<td>9:15-11:15 am</td>
<td>Thu</td>
<td>Sci 2110</td>
<td>Hardy</td>
<td>Max 19</td>
</tr>
<tr>
<td>32607</td>
<td>12:50-2:50 pm</td>
<td>Thu</td>
<td>Sci 2110</td>
<td>Hardy</td>
<td>Max 19</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lec 1</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>Sci 3610</td>
<td>Denton</td>
<td>Max 16</td>
</tr>
<tr>
<td>32830</td>
<td>2:00-5:00 pm</td>
<td>Tue</td>
<td>Sci 2170</td>
<td>Denton</td>
<td>Max 16</td>
</tr>
<tr>
<td>32831</td>
<td>1:00-4:00 pm</td>
<td>Wed</td>
<td>Sci 2170</td>
<td>Denton</td>
<td>Max 16</td>
</tr>
<tr>
<td>33333</td>
<td>1:00-4:00 pm</td>
<td>Thu</td>
<td>Sci 2170</td>
<td>Denton</td>
<td>Max 16</td>
</tr>
</tbody>
</table>

**Biol 3131. Ecology.** (Sci-L; 4 cr; prereq C- or better in Biol 2101 or EnSt 2101, Stat 1601 or Stat 2601, or instr consent; weekend field trip required)

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lec 1</td>
<td>1:00-2:05 pm</td>
<td>MW</td>
<td>Sci 1020</td>
<td>Loberg</td>
<td>Max 12</td>
</tr>
<tr>
<td>32398</td>
<td>2:15-5:15 pm</td>
<td>Wed</td>
<td>Sci 3180</td>
<td>Loberg</td>
<td>Max 12</td>
</tr>
<tr>
<td>32399</td>
<td>8:30-11:30 am</td>
<td>Thu</td>
<td>Sci 3180</td>
<td>Loberg</td>
<td>Max 12</td>
</tr>
<tr>
<td>32611</td>
<td>1:00-4:00 pm</td>
<td>Thu</td>
<td>Sci 3180</td>
<td>Loberg</td>
<td>Max 12</td>
</tr>
<tr>
<td>32814</td>
<td>12:00-3:00 pm</td>
<td>Fri</td>
<td>Sci 3180</td>
<td>Loberg</td>
<td>Max 12</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32725</td>
<td>1:00-1:50 pm</td>
<td>Wed</td>
<td>Sci 4655</td>
<td>Johnson</td>
<td>Max 15</td>
</tr>
<tr>
<td>32766</td>
<td>1:00-1:50 pm</td>
<td>Thu</td>
<td>Sci 4655</td>
<td>Waye</td>
<td>Max 15</td>
</tr>
</tbody>
</table>

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

65 min/per week discussion arranged

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32643</td>
<td>Arranged</td>
<td></td>
<td></td>
<td>Denton</td>
<td>Max 4</td>
</tr>
<tr>
<td>32644</td>
<td>Arranged</td>
<td></td>
<td></td>
<td>Waye</td>
<td>Max 4</td>
</tr>
<tr>
<td>32645</td>
<td>Arranged</td>
<td></td>
<td></td>
<td>Staff</td>
<td>Max 4</td>
</tr>
<tr>
<td>32646</td>
<td>Arranged</td>
<td></td>
<td></td>
<td>Des Lauriers</td>
<td>Max 4</td>
</tr>
<tr>
<td>32908</td>
<td>Arranged</td>
<td></td>
<td></td>
<td>Staff</td>
<td>Max 4</td>
</tr>
<tr>
<td>32976</td>
<td>Arranged</td>
<td></td>
<td></td>
<td>Kuchenreuther</td>
<td>Max 3</td>
</tr>
</tbody>
</table>
Biol 4131. Vertebrate Natural History. (4 cr; prereq Biol 2101 or EnSt 2101 or instr consent)
Lec 1 11:45-12:50 pm MW Sci 2190 Waye
33335 Lab 2 2:15-5:15 pm Mon Sci 3180 Waye Max 12
33336 Lab 3 2:00-5:00 pm Tue Sci 3180 Waye Max 12

Biol 4211. Biochemistry. (4 cr; prereq Chem 2302 or Chem 2304, prereq or coreq Biol 3121, or instr consent)
32661 9:15-10:20 am MWF Sci 1020 Staff Max 45

Biol 4231. Immunology. (4 cr; prereq or coreq 3121 or instr consent)
Lec 1 11:45-12:50 pm MW Sci 3650 Johnson
33341 Lab 2 1:00-4:00 pm Fri Sci 2150 Johnson Max 18

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

Biol 4611. Biochemistry Lab. (1 cr; prereq (or coreq) 4211)
32798 Lab 1 8:30-11:30 am Tue Sci 2150 Staff Max 12
33004 Lab 2 2:00-5:00 pm Tue Sci 2150 Staff Max 12

Biol 4901. Senior Seminar. (1 cr; prereq 3701, sr or instr consent; required of all sr biology majors; full year course begins fall sem)
32401 Sec 1 1:00-2:05 pm Tue Sci 1020 Kuchenreuther Max 25
32622 Sec 2 4:00-5:05 pm Thu Sci 1020 Kuchenreuther Max 25
32944 Sec 3 5:00-6:05 pm Tue Sci 1020 Kuchenreuther Max 25

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

Return to Table of Contents
## CHEMISTRY

**Chem 1101. General Chemistry I.** (Sci-L; 5 cr; prereq Math 0901 or placement beyond Math 0901 using ACT/placement exam score)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lec 1</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 2950</td>
<td>Pappenfus</td>
<td></td>
</tr>
<tr>
<td>32741</td>
<td>11:45-2:45 pm</td>
<td>Mon</td>
<td>Sci 3175</td>
<td>K. Boyd</td>
<td></td>
</tr>
<tr>
<td>32742</td>
<td>3:30-6:30 pm</td>
<td>Mon</td>
<td>Sci 3175</td>
<td>Pappenfus</td>
<td>Max 10</td>
</tr>
<tr>
<td>32743</td>
<td>8:30-11:30 am</td>
<td>Tue</td>
<td>Sci 3175</td>
<td>Staff</td>
<td>Max 10</td>
</tr>
<tr>
<td>32744</td>
<td>1:00-4:00 pm</td>
<td>Tue</td>
<td>Sci 3175</td>
<td>Staff</td>
<td>Max 10</td>
</tr>
<tr>
<td>32745</td>
<td>11:45-2:45 pm</td>
<td>Wed</td>
<td>Sci 3175</td>
<td>K. Boyd</td>
<td>Max 10</td>
</tr>
<tr>
<td>32746</td>
<td>3:30-6:30 pm</td>
<td>Wed</td>
<td>Sci 3175</td>
<td>Staff</td>
<td>Max 10</td>
</tr>
<tr>
<td>32747</td>
<td>8:30-11:30 am</td>
<td>Thu</td>
<td>Sci 3175</td>
<td>Staff</td>
<td>Max 10</td>
</tr>
<tr>
<td>32748</td>
<td>1:00-4:00 pm</td>
<td>Thu</td>
<td>Sci 3175</td>
<td>Staff</td>
<td>Max 10</td>
</tr>
<tr>
<td>Lab 21</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 2950</td>
<td>K. Boyd</td>
<td></td>
</tr>
<tr>
<td>32890</td>
<td>11:45-2:45 pm</td>
<td>Mon</td>
<td>Sci 3175</td>
<td>K. Boyd</td>
<td>Max 10</td>
</tr>
<tr>
<td>32891</td>
<td>3:30-6:30 pm</td>
<td>Mon</td>
<td>Sci 3175</td>
<td>Pappenfus</td>
<td>Max 10</td>
</tr>
<tr>
<td>32892</td>
<td>8:30-11:30 am</td>
<td>Tue</td>
<td>Sci 3175</td>
<td>Staff</td>
<td>Max 10</td>
</tr>
<tr>
<td>32893</td>
<td>1:00-4:00 pm</td>
<td>Tue</td>
<td>Sci 3175</td>
<td>Staff</td>
<td>Max 10</td>
</tr>
<tr>
<td>32894</td>
<td>11:45-2:45 pm</td>
<td>Wed</td>
<td>Sci 3175</td>
<td>K. Boyd</td>
<td>Max 10</td>
</tr>
<tr>
<td>32895</td>
<td>3:30-6:30 pm</td>
<td>Wed</td>
<td>Sci 3175</td>
<td>Staff</td>
<td>Max 10</td>
</tr>
<tr>
<td>32896</td>
<td>8:30-11:30 am</td>
<td>Thu</td>
<td>Sci 3175</td>
<td>Staff</td>
<td>Max 10</td>
</tr>
<tr>
<td>32897</td>
<td>1:00-4:00 pm</td>
<td>Thu</td>
<td>Sci 3175</td>
<td>Staff</td>
<td>Max 10</td>
</tr>
</tbody>
</table>

**Chem 1802. The Climate Change Conundrum: Science, Controversy, and Communication Failures.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>34354</td>
<td>2:15-3:05 pm</td>
<td>MW</td>
<td>Sci 3665</td>
<td>K. Nell</td>
<td>Max 13</td>
</tr>
</tbody>
</table>

**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 2301. Organic Chemistry I.** (Sci; 4 cr; prereq 1102)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>32404</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 3650</td>
<td>Carpenter</td>
<td>Max 50</td>
</tr>
<tr>
<td>32405</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Sci 1020</td>
<td>B. Nell</td>
<td>Max 50</td>
</tr>
</tbody>
</table>

**Chem 2311. Organic Chemistry Lab I.** (1 cr; coreq 2301 or instr consent)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>32701</td>
<td>8:30-11:30 am</td>
<td>Tue</td>
<td>Sci 3135</td>
<td>B. Nell</td>
<td>Max 16</td>
</tr>
<tr>
<td>32658</td>
<td>1:00-4:00 pm</td>
<td>Tue</td>
<td>Sci 3135</td>
<td>K. Boyd</td>
<td>Max 16</td>
</tr>
<tr>
<td>32659</td>
<td>2:15-5:15 pm</td>
<td>Wed</td>
<td>Sci 3135</td>
<td>B. Nell</td>
<td>Max 16</td>
</tr>
<tr>
<td>32660</td>
<td>8:30-11:30 am</td>
<td>Thu</td>
<td>Sci 3135</td>
<td>Pappenfus</td>
<td>Max 16</td>
</tr>
<tr>
<td>32755</td>
<td>1:00-4:00 pm</td>
<td>Thu</td>
<td>Sci 3135</td>
<td>B. Nell</td>
<td>Max 16</td>
</tr>
</tbody>
</table>

**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 3101. Analytical Chemistry.** (Sci-L; 4 cr; prereq 1102)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lec 1</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 2200</td>
<td>K. Nell</td>
<td></td>
</tr>
<tr>
<td>32406</td>
<td>1:00-4:00 pm</td>
<td>Tue</td>
<td>Sci 3040</td>
<td>K. Nell</td>
<td>Max 12</td>
</tr>
<tr>
<td>32407</td>
<td>8:30-11:30 am</td>
<td>Thu</td>
<td>Sci 3040</td>
<td>K. Nell</td>
<td>Max 12</td>
</tr>
</tbody>
</table>

*Fall Semester 2018*
Chem 3501. Physical Chemistry I. (Sci; 4 cr; prereq 1102, Phys 1101, Math 1102 or instr consent)  
32408  1:00-2:05 pm  MWF  Sci 3610  Alia  Max 25

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 4352. Synthesis. (4 cr; prereq 2302 or 2304)  
33343  10:30-11:35 am  MWF  Sci 3655  Carpenter  Max 12

Chem 4901. Chemistry Seminar II. (0.5 cr; prereq 3901; required of all chem majors; may not count toward chem minor; A-F only; full year course begins fall semester)  
32409  4:30-5:30 pm  TTh  Sci 2190  Carpenter  Max 40

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

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

Return to Table of Contents
### CHINESE

**Chn 1001. Beginning Chinese I.** (4 cr)
- Course Code: 33710
- Time: 10:30-11:35 am
- Days: MWF
- Location: Hum 205
- Instructor: Fan
- Max: 25

**Chn 1002. Beginning Chinese II.** (FL; prereq 1001 or placement or instr consent)
- Course Code: 35146
- Time: 9:15-10:20 am
- Days: MWF
- Location: Hum 205
- Instructor: Fan
- Max: 25

**Chn 2002. Intermediate Chinese II.** (IP: 4 cr; prereq 2001 or placement or instr consent)
- Course Code: 35122
- Time: 1:00-2:05 pm
- Days: MWF
- Location: Hum 205
- Instructor: Fan
- Max: 25

**Chn 2001. Intermediate Chinese I.** (IP: 4 cr; prereq 1002 or placement or instr consent)
- Course Code: 33711
- Time: 1:00-2:05 pm
- Days: MWF
- Location: Hum 205
- Instructor: Fan
- Max: 25

[Return to Table of Contents]
COMMUNICATION, MEDIA, AND RHETORIC

CMR 1042. Public Speaking and Analysis. (E/CR; 4 cr)
33008 12:50-2:30 pm TTh HFA 18 Sotirova Max 40

CMR 1062. Introduction to Interpersonal and Group Communication. (Hum; 4 cr)
33213 Sec 1 9:15-10:20 am MWF HFA 23 Bezanson Max 25
34379 Sec 2 10:30-11:35 am MWF HFA 23 Bezanson Max 25

CMR 1101. Introduction to Theories of Communication, Media, and Rhetoric. (Hum; 4 cr)
32916 9:50-11:30 am TTh IH 109 Burke, Sotirova Max 50

CMR 1388. College Newspaper Experience. (1 cr [max 2 cr]; prereq instr consent)
32886 Arranged Burke

CMR 1389. College Radio Experience. (1 cr [max 2 cr]; prereq instr consent)
32885 Arranged Burke

CMR 2053. Rhetoric of Supreme Court Opinions: Analysis and Creation. (E/CR; 2 cr)
34335 3:30-4:35 pm MWF (2nd half) HFA 6 Bezanson Max 25

CMR 2311. Media History and Society. (SS; 4 cr)
34380 2:15-3:20 pm MWF Sci 3650 Burke Max 45

CMR 3432. Communication Research Methods. (SS; 4 cr; prereq 1101 or instr consent)
32948 8:00-9:40 am TTh HFA 23 Sotirova Max 20

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

CMR 4800. Directed Experience in Teaching Communication, Media, and Rhetoric. (1-4 cr; prereq instr consent; S-N only)
32821 Arranged Bezanson

CMR 4900. Communication, Media, and Rhetoric Seminar I. (1 cr; prereq 1042, 1062, 1101, or sr status with instr consent; A-F only)
32717 11:45-12:50 pm Wed HFA 23 Burke, Sotirova Max 20

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

Return to Table of Contents

Fall Semester 2018
# COMPUTER SCIENCE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Schedule</th>
<th>Location</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSci 1201</td>
<td>Introduction to Digital Media Computation</td>
<td>4 cr</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Lamberty</td>
<td>25</td>
</tr>
<tr>
<td>CSci 1251</td>
<td>Computational Data Management and Manipulation</td>
<td>4 cr</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>McPhee</td>
<td>30</td>
</tr>
<tr>
<td>CSci 1301</td>
<td>Problem Solving and Algorithm Development</td>
<td>4 cr</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Machkasova</td>
<td>35</td>
</tr>
<tr>
<td>CSci 1993</td>
<td>Directed Study</td>
<td>1-5 cr</td>
<td>Arranged</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSci 2101</td>
<td>Data Structures</td>
<td>5 cr</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Lamberty</td>
<td>24</td>
</tr>
<tr>
<td>CSci 2993</td>
<td>Directed Study</td>
<td>1-5 cr</td>
<td>Arranged</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSci 3403</td>
<td>Computing Systems: Practicum</td>
<td>2 cr</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>McPhee</td>
<td>24</td>
</tr>
<tr>
<td>CSci 3501</td>
<td>Algorithms and Computability</td>
<td>5 cr</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Dolan</td>
<td>24</td>
</tr>
<tr>
<td>CSci 3993</td>
<td>Directed Study</td>
<td>1-5 cr</td>
<td>Arranged</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSci 4554</td>
<td>Theory: Cryptography</td>
<td>4 cr</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Machkasova</td>
<td>20</td>
</tr>
<tr>
<td>CSci 4659</td>
<td>Processes, Programming, and Languages: Measuring and Managing Software Quality</td>
<td>4 cr</td>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>McPhee</td>
<td>20</td>
</tr>
<tr>
<td>CSci 4901</td>
<td>Senior Seminar</td>
<td>2 cr</td>
<td>4:30-5:20 pm</td>
<td>Thu</td>
<td>Machkasova</td>
<td>14</td>
</tr>
<tr>
<td>CSci 4993</td>
<td>Directed Study</td>
<td>1-5 cr</td>
<td>Arranged</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
DANCE

Dnce 1321. Introduction to Modern Dance and Ballet. (ArtP; 1 cr [max 2 cr]; S-N only)
33505 3:30-5:00 pm Wed HFA 125 Ferrian Max 25

Dnce 1323. Introduction to Tap Dance. (ArtP; 1 cr [max 2 cr]; tap shoes required; S-N only)
34448 3:30-5:00 pm Wed HFA 125 Ferrian Max 15

Dnce 1331. Ballet I. (ArtP; 1 cr [max 2 cr]; prereq 1321 or instr consent)(Meets w/Dnce 2331)
33503 2:00-3:30 pm Tue HFA 125 Ferrian Max 15

Dnce 2301. Practicum in Dance. (ArtP; 1 cr; prereq instr consent)
32887 Arranged Ferrian Max 10

Dnce 2331. Ballet II. (ArtP; 1 cr [max 2]; ballet slippers required; prereq 1331 or instr consent)(Meets w/Dnce 1331)
33504 2:00-3:30 pm Tue HFA 125 Ferrian Max 5

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

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

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

Return to Table of Contents
ECONOMICS

Econ 1111. Principles of Microeconomics. (SS; 4 cr; prereq high school algebra or instr consent)
32776 Sec 1  3:30-4:35 pm  MWF  IH 111  Devkota  Max 40
32648 Sec 2  12:50-2:30 pm  TTh  IH 111  Brown  Max 40

Econ 1112. Principles of Macroeconomics. (SS; 4 cr; prereq high school algebra or instr consent)
32816  9:50-11:30 am  TTh  IH 111  Panda  Max 40

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

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

Econ 3008. Environmental and Natural Resource Economics II. (Envt; 2 cr; prereq 3007)
33285  8:00-9:05 am  MWF (2nd half)  IH 113  Kildegaard  Max 30

Econ 3136. Economics of the Green Power Transition: New Business Models and Regulatory Strategies. (Envt; 2 cr; prereq 1111)
34431  8:00-9:05 am  MWF (2nd half)  IH 113  Kildegaard  Max 30

Econ 3141. Economic Development and Growth I. (IP; 2 cr; prereq 1111, 1112 or instr consent)
33018  1:00-2:05 pm  MWF (1st half)  IH 113  Devkota  Max 30

Econ 3142. Economic Development and Growth II. (IP; 2 cr; prereq 3141 (or concurrent enrollment in 3141) or instr consent)
33019  1:00-2:05 pm  MWF (2nd half)  IH 113  Devkota  Max 30

Econ 3172. Strategic Firm Interaction and Market Structures. (4 cr; prereq 1111 or instr consent)
33286  2:40-4:20 pm  TTh  IH 113  Brown  Max 30

Econ 3201. Microeconomic Theory. (4 cr; prereq 1111, Math 1101 or instr consent)
32523  10:30-11:35 am  MWF  IH 112  Burks  Max 30

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

Econ 4121. International Trade Theory. (2 cr; prereq 3201 or Mgmt 3123 or instr consent)
34346  8:00-9:05 am  MWF (1st half)  IH 113  Kildegaard  Max 30

Econ 4501. Senior Research Seminar in Economics and Management. (2 cr [max 4 cr]; prereq 3501 for econ majors or sr status for mgmt majors or instr consent)
32710 Sec 1  3:30-5:10 pm  Wed  IH 202  Brown  Max 4
32711 Sec 2  3:30-5:10 pm  Wed  IH 202  Brown  Max 4
34347 Sec 3  3:30-5:10 pm  Wed  IH 203  Panda  Max 4

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

Return to Table of Contents

Fall Semester 2018
## EDUCATION

**Ed 1801. Critical Issues in K-12 Education.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)  
35134  12:50-2:30 pm  Tue  Sci 1030  Lam  Max 13

**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; students enrolled in this course are required to pay for and submit to a Minnesota background check; S-N only)  
32786  Arranged  Harell

**Ed 2121. Introduction to Education.** (SS; 4 cr; coreq 2111; A-F only)  
32785  9:50-11:30 am  TTh  Sci 2200  Harell  Max 36

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

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

**Ed 4121. Strategies for Inclusive Schooling.** (2 cr; prereq ELed 3101, 3102, 3103, 3111 or admission to the secondary education program; A-F only)  
32787 Sec 1  2:40-4:20 pm  TTh (9/18/18 to 11/15/18)  Sci 2200  Harell  Max 30  
32889 Sec 2  12:50-2:30 pm  Tue  MRC 205  Harell  Max 30

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

Return to Table of Contents
### EDUCATION, ELEMENTARY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Instructor</th>
<th>Room</th>
<th>Max</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ElEd 3101. Teaching and Learning Strategies. (3 cr; prereq admission to the elementary teacher education program; A-F only)</td>
<td>Lecture runs 08/30/18 to 09/13/18 only</td>
<td></td>
<td></td>
<td>Lam</td>
<td>MRC 205</td>
<td>Max 15</td>
<td>8:00-9:40 am</td>
<td>TTh</td>
<td>MRC 205</td>
</tr>
<tr>
<td>ElEd 3102. Reading Methods: Literacy and Language Instruction in the Elementary School. (4 cr; prereq admission to elementary teacher education program; A-F only)</td>
<td></td>
<td></td>
<td></td>
<td>Staff</td>
<td>MRC 205</td>
<td>Max 30</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>MRC 205</td>
</tr>
<tr>
<td>ElEd 3103. Mathematics in the Elementary School. (4 cr; prereq admission to the elementary teacher education program; A-F only)</td>
<td></td>
<td></td>
<td></td>
<td>Bovre</td>
<td>MRC 205</td>
<td>Max 40</td>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>MRC 205</td>
</tr>
<tr>
<td>ElEd 3111. Practicum I: Field Experience in the Elementary Classroom. (2 cr; prereq admission to the elementary teacher education program; S-N only)</td>
<td></td>
<td></td>
<td></td>
<td>Lam</td>
<td>Arranged</td>
<td>Max 40</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ElEd 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Arranged</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ElEd 4102. Social Studies in the Elementary School. (2 cr; prereq 3201, 3202, (3211 or 3212); A-F only)</td>
<td></td>
<td></td>
<td></td>
<td>Bovre</td>
<td>MRC 205</td>
<td>Max 40</td>
<td>8:00-9:40 am</td>
<td>TTh</td>
<td>MRC 205</td>
</tr>
<tr>
<td>ElEd 4103. Science in the Elementary School. (2 cr; prereq 3201, 3202, (3211 or 3212); A-F only)</td>
<td></td>
<td></td>
<td></td>
<td>Bovre</td>
<td>MRC 205</td>
<td>Max 40</td>
<td>9:50-11:30</td>
<td>TTh</td>
<td>MRC 205</td>
</tr>
<tr>
<td>ElEd 4104. Language Arts and Literature in the Elementary School. (3 cr; prereq 3201, 3202, (3211 or 3212); A-F only)</td>
<td></td>
<td></td>
<td></td>
<td>Page</td>
<td>MRC 205</td>
<td>Max 40</td>
<td>11:00-12:40 pm</td>
<td>MW</td>
<td>MRC 205</td>
</tr>
<tr>
<td>ElEd 4107. Health and Physical Education in the Elementary School. (1 cr; prereq 3201, 3202, (3211 or 3212); A-F only)</td>
<td></td>
<td></td>
<td></td>
<td>Bovre</td>
<td>Arranged</td>
<td>Max 40</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ElEd 4111. Practicum III: Beginning Student Teaching. (2 cr; prereq 3201, 3202, (3211 or 3212); S-N only)</td>
<td></td>
<td></td>
<td></td>
<td>Staff</td>
<td>Arranged</td>
<td>Max 40</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ElEd 4112. Practicum IV: Cross-Cultural Experience in the Elementary School. (1 cr [max 2 cr]; 3201, 3202, (3211 or 3212); S-N only)(Class held 09/17/18 to 12/10/18; fulltime practicum 10/29/18 to 11/02/18)(special fee required if practicum is in Chicago)</td>
<td></td>
<td></td>
<td></td>
<td>Staff</td>
<td>Arranged</td>
<td>Max 40</td>
<td>2:40-4:20 pm</td>
<td>Mon</td>
<td>Sci 3665</td>
</tr>
<tr>
<td>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)</td>
<td></td>
<td></td>
<td></td>
<td>Lam</td>
<td>Study Abroad</td>
<td>UMM Students</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Lam</td>
<td>Study Abroad</td>
<td>Non-UMM Students</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ElEd 4993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Arranged</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
EDUCATION, SECONDARY

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

SeEd 4102. Teaching and Learning Strategies. (2 cr; prereq admission to the secondary teacher education program; coreq
4103, 4104, 4105, methods; A-F only)
32386 Sec 1 12:20-2:00 pm Mon Edu 102 Jepma Max 7
32952 Sec 2 2:15-3:55 pm Mon Edu 102 Jepma Max 7

SeEd 4103. Practicum Experience in the Middle and Secondary School. (4 cr; prereq admission to the secondary teacher
education program; coreq 4102, 4104, 4105, methods; S-N only)
(The 8:00-4:00 pm time period is in the schools not at UMM.)
32642 8:00-4:00 pm WTh Page Max 25
9:50-11:30 am Tue Hum 205

SeEd 4104. Teaching Diverse Learners. (HDiv; 2 cr; prereq admission to the secondary teacher education program; coreq
4102, 4103, 4105, methods; A-F only)
32729 8:00-9:40 am Tue Sci 2185 Page Max 20

SeEd 4105. Reading and Literacy in the Content Areas. (2 cr; prereq admission to the secondary teacher education
program; coreq 4102, 4103, 4104, methods; A-F only)
32730 10:30-2:00 pm Fri (1st half) MRC 205 Staff Max 20

SeEd 4115. Advanced Content Reading. (Hum; 2 cr; prereq 4105; A-F only)
32788 10:30-11:35 am Mon (2nd half) Sci 3665 Staff Max 15

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 CMR 1052, passing scores on basic skills or instr consent)
32778 Sec 500 Study Abroad UMM Students Lam
32978 Sec 501 Study Abroad Non-UMM Students Lam

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

SECONDARY EDUCATION METHODS COURSES
These courses focus on the objectives, curricula, special methods, materials, and evaluation appropriate for teaching the
various subject matter areas in the middle and secondary school. Students must complete methods course(s) in their licensure
area(s). Methods courses are taken concurrently with secondary education block course – SeEd 4102, 4103, 4104, 4105 – and
must be successfully completed before student teaching in a specific field.

ArtE 4123. Methods of Teaching Art K-12. (4 cr; A-F only)
32623 Arranged Staff Max 10

EngE 4121. Methods of Teaching Communication Arts & Literature in the Middle and Secondary School. (4 cr; A-F only)
32769 Arranged Staff Max 10

LanE 4123. Methods of Teaching Foreign Language K-12. (4 cr; A-F only)
32625 Arranged Staff Max 10

MthE 4121. Methods of Teaching Mathematics in the Middle and Secondary School. (4 cr; A-F only)
32626 Arranged Staff Max 10

MusE 4123. Methods of Teaching Music K-12. (4 cr; A-F only)
32627 Arranged Staff Max 10

Fall Semester 2018
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Grading System</th>
<th>Staff</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>SciE 4121</td>
<td><strong>Methods of Teaching Science in the Middle and Secondary School.</strong> (4 cr; A-F only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32626</td>
<td>Arranged</td>
<td></td>
<td>Staff</td>
<td>Max 10</td>
<td></td>
</tr>
<tr>
<td>SScE 4121</td>
<td><strong>Methods of Teaching Social Science in the Middle and Secondary School.</strong> (4 cr; A-F only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32629</td>
<td>Arranged</td>
<td></td>
<td>Staff</td>
<td>Max 10</td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Prerequisite/Notes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------------------------------------------</td>
<td>---------</td>
<td>--------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1001</td>
<td>Fundamentals of Writing</td>
<td>4 cr</td>
<td>(WLA; 4 cr; does not fulfill the Writing for the Liberal Arts (WLA) requirement)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32612</td>
<td></td>
<td></td>
<td>MWF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1601</td>
<td>Writing for the Liberal Arts</td>
<td>4 cr</td>
<td>(WLA; 4 cr; Section 20 is reserved for English as a Second Language (ESL) students. A permission number is required to register.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32859 Sec 1</td>
<td></td>
<td>8:00-9:05 am</td>
<td>Hum 111</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1601</td>
<td></td>
<td></td>
<td>MWF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32859 Sec 2</td>
<td></td>
<td>9:15-10:20 am</td>
<td>HFA 18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1601</td>
<td></td>
<td></td>
<td>MWF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32859 Sec 3</td>
<td></td>
<td>10:30-11:35 am</td>
<td>HFA 18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1601</td>
<td></td>
<td></td>
<td>MWF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32859 Sec 4</td>
<td></td>
<td>1:00-2:05 pm</td>
<td>IH 101</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1601</td>
<td></td>
<td></td>
<td>MWF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32859 Sec 5</td>
<td></td>
<td>8:00-9:40 am</td>
<td>HFA 18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1601</td>
<td></td>
<td></td>
<td>MWF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32859 Sec 6</td>
<td></td>
<td>11:45-12:50 pm</td>
<td>Hum 11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1601</td>
<td></td>
<td></td>
<td>MWF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32859 Sec 7</td>
<td></td>
<td>12:50-2:30 pm</td>
<td>HFA 18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1601</td>
<td></td>
<td></td>
<td>MWF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32859 Sec 8</td>
<td></td>
<td>2:40-4:20 pm</td>
<td>HFA 18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1601</td>
<td></td>
<td></td>
<td>MWF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32859 Sec 9</td>
<td></td>
<td>2:40-4:20 pm</td>
<td>HFA 18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1601</td>
<td></td>
<td></td>
<td>MWF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32859 Sec 10</td>
<td></td>
<td>4:30-6:10 pm</td>
<td>HFA 18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1803</td>
<td>Shakespearean Adaptations</td>
<td>4 cr</td>
<td>(IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33125</td>
<td></td>
<td>1:00-2:05 pm</td>
<td>Hum 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1805</td>
<td>Environmentalism in Science Fiction and Fantasy</td>
<td>4 cr</td>
<td>(IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32974</td>
<td></td>
<td>11:45-12:50 pm</td>
<td>Hum 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1993</td>
<td>Directed Study</td>
<td>1-5 cr</td>
<td>([max 10 cr]; prereq approved directed study form)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arranged</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2022</td>
<td>Sports Literature and Writing</td>
<td>4 cr</td>
<td>(Art/P; 4 cr; prereq 1601 or 1601) or equiv)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33219</td>
<td></td>
<td>9:50-11:30 am</td>
<td>Hum 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2061</td>
<td>Introduction to Popular Literature: Detection and Espionage in Fiction and Film</td>
<td>4 cr</td>
<td>(Hum; 4 cr; prereq 1601 or 1011) or equiv or declared English major)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33222</td>
<td></td>
<td>9:15-10:20 am</td>
<td>Hum 11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2106</td>
<td>Topics in Writing: The Environmental Imagination: Reading and Writing about the Natural World</td>
<td>4 cr</td>
<td>(Envt; 4 cr; prereq 1601 or 1601) or equiv)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32817</td>
<td></td>
<td>12:50-2:30 pm</td>
<td>Hum 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2107</td>
<td>Writing with Digital Media</td>
<td>4 cr</td>
<td>(Hum; 4 cr; prereq 1601)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33221</td>
<td></td>
<td>12:50-2:30 pm</td>
<td>HFA 26</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2121</td>
<td>Topics in Writing: Introduction to Creative Writing</td>
<td>4 cr</td>
<td>(Art/P; 4 cr; prereq 1601 or 1601) or equiv)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32849</td>
<td></td>
<td>2:40-4:20 pm</td>
<td>Hum 205</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2201</td>
<td>Survey of British Literature to the 18th Century</td>
<td>4 cr</td>
<td>(Hum; 4 cr)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32768</td>
<td></td>
<td>2:15-3:20 pm</td>
<td>Hum 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2211</td>
<td>Survey of American Literature to the Civil War</td>
<td>4 cr</td>
<td>(Hum; 4 cr)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32453</td>
<td></td>
<td>10:30-11:35 am</td>
<td>Hum 5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Fall Semester 2018**
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engl 2411</td>
<td>Representations of American Indians in Popular and Academic Culture</td>
<td>(HDiv; 4 cr; prereq 1601 (or 1011) or equiv or declared English major)</td>
<td>33220</td>
<td>2:40-4:20 pm</td>
</tr>
<tr>
<td>Engl 2501</td>
<td>Literary Studies.</td>
<td>(Hum; 4 cr; prereq 1601 (or 1011) or equiv; credit will not be granted if credit has been received for Engl 1131)</td>
<td>32673</td>
<td>9:15-10:20 am</td>
</tr>
<tr>
<td>Engl 2993</td>
<td>Directed Study</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td>Arranged</td>
<td></td>
</tr>
<tr>
<td>Engl 3005</td>
<td>Understanding Writing: Theories and Practices.</td>
<td>(Hum; 4 cr; prereq 1601 (or 1011) or equiv, soph standing, instr consent, coreq IS 3720 for students working in the Writing Room)</td>
<td>32954</td>
<td>9:50-11:30 am</td>
</tr>
<tr>
<td>Engl 3015</td>
<td>Writing Poetry for the 21st Century.</td>
<td>(Art/P; 4 cr; prereq 2121 or instr consent)</td>
<td>33405</td>
<td>9:50-11:30 am</td>
</tr>
<tr>
<td>Engl 3021</td>
<td>Grammar and Language.</td>
<td>(Hum; 4 cr)</td>
<td>32953</td>
<td>1:00-2:05 pm</td>
</tr>
<tr>
<td>Engl 3155</td>
<td>20th Century British Fiction.</td>
<td>(4 cr; prereq 2501 (or 1131), two from 2201, 2202, 2211, 2212)</td>
<td>33218</td>
<td>8:00-9:40 am</td>
</tr>
<tr>
<td>Engl 3993</td>
<td>Directed Study</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td>Arranged</td>
<td></td>
</tr>
<tr>
<td>Engl 4038</td>
<td>Research Seminar: Writing Early Ireland.</td>
<td>(Hum; 4 cr; prereq two from 31xx-35xx, instr consent)</td>
<td>34353</td>
<td>3:30-5:10 pm</td>
</tr>
<tr>
<td>Engl 4993</td>
<td>Directed Study</td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td>Arranged</td>
<td></td>
</tr>
</tbody>
</table>
ENVIRONMENTAL SCIENCE

ESci 4901. Environmental Science Senior Seminar I. (1 cr; prereq instr consent; A-F only)
32769 Arranged Boyd Max 15

Return to Table of Contents
ENVIRONMENTAL STUDIES

EnSt 1101. Environmental Problems and Policy. (Envt; 4 cr)
32747 8:00-9:40 am  TTh  Sci 2190  Loo  Max 40

EnSt 1201. Mapping the Environment. (Envt; 4 cr)
33289 10:30-11:35 am  MWF  IH 11  Brands  Max 18

EnSt 2101. Environmental Biology. (Sci-L; 4 cr; credit will not be granted if credit has been received for Biol 2101)
Lec 1 1:00-2:05 pm  MW  Sci 1030  Kuchenreuther
32922 Lab 2 2:00-5:00 pm  Tue  Sci 3180  Kuchenreuther  Max 12

EnSt 3001. Water Resources Policy. (Envt; 4 cr; prereq 1101 or Pol 1201 or Pol 1401 or instr consent)
33290 12:50-2:30 pm  TTh  IH 202  Brands  Max 15

EnSt 3988. Environmental Studies Pre-Internship Seminar. (1 cr; prereq 1101; S-N only)(Same as EnSt 3989)
33027 7:00-8:40 pm  Thu (1st half)  IH 217  Brands  Max 20

Enst 3989. Environmental Studies Post-Internship Seminar. (1 cr; prereq 3988 or instr consent; A-F only)(Same as EnSt 3988)
33026 7:00-8:40 pm  Thu (1st half)  IH 217  Brands  Max 20

EnSt 3996. Internships/Field Experience in Environmental Studies. (2-4 cr; prereq completed internship approval form; S-N only)
Arranged  Staff

Return to Table of Contents
FRENCH

Fren 1001. Beginning French I. (4 cr)
32455 Sec 1 1:00-2:05 pm  MWF  Hum 111  T. Berberi  Max 25
32767 Sec 2 2:15-3:20 pm  MWF  Hum 111  T. Berberi  Max 25

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

Fren 2001. Intermediate French I. (IP; 4 cr; prereq 1002 or placement or instr consent)
32456 1:00-2:05 pm  MWF  Hum 11  Buchanan  Max 25

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

Fren 3002. Civilization and Composition: From the Middle Ages to Classicism. (Hist; 2 cr; prereq 2002 or instr consent)
32961 9:15-10:20 am  MWF (1st half)  Hum 12  Bevevino  Max 15

Fren 3003. Civilization and Composition: France Since the Revolution of 1789. (Hist; 2 cr; prereq 2002 or instr consent)
32918 9:50-11:30 am  TTh (2nd half)  Hum 111  T. Berberi  Max 15

Fren 3407. Medieval and Early Modern Studies: The “East” and its Marvels. (4 cr; prereq (or coreq) 3002, 3011)
33707 12:50-2:30 pm  TTh  IY 203  Bevevino  Max 15

Fren 3603. Francophone Studies: Witches, Wilderness, and Words in Francophone Folktales. (4 cr; prereq or coreq 3004, 3011 or instr consent)
33223 2:15-3:20 pm  MWF  Hum 12  Buchanan  Max 15

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

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

Return to Table of Contents
GENDER, WOMEN, AND SEXUALITY STUDIES

GWSS 1101. Introduction to Gender, Women, and Sexuality Studies. (HDiv; 4 cr)
33403  2:40-4:20 pm  TTh  IH 111  Bruce  Max 30

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)
32757  Arranged  Rothchild

Return to Table of Contents
GEOGRAPHY

Geog 2001. Problems in Geography. (Envt; 4 cr)
33282  8:00-9:05 am  MWF  IH 111  Beaver  Max 40

Fall Semester 2018
GEOLOGY

Geol 1101. Physical Geology. (Sci-L; 4 cr)
  Lec 1  9:15-10:20 am  MWF  Sci 3610  Crabtree
  32416 Lab 2  1:00-4:00 pm  Mon  Sci 1650  Crabtree  Max 24
  32417 Lab 3  2:00-5:00 pm  Tue  Sci 1650  Crabtree  Max 24

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

Geol 2001. Natural and Unnatural Geologic Hazards. (Envt; 4 cr; prereq 1001 or 1101)
  32905  9:15-10:20 am  MWF  Sci 2185  Brugger  Max 45

Geol 2101. Mineralogy and Crystallography. (Sci-L; 4 cr; prereq 1101, Chem 1101 or instr consent)
  Lec 1  11:45-12:50 pm  MWF  Sci 1510  Crabtree
  32752 Lab 2  2:00-5:00 pm  Thu  Sci 1510  Crabtree  Max 12

Geol 2121. Sedimentology and Stratigraphy. (Sci-L; 4 cr; prereq 2101)
  Lec 1  9:50-11:30 am  TTh  Sci 2185  Cotter
  33352 Lab 2  2:00-5:00 pm  Fri  TBA  Cotter  Max 20

Geol 2131. Geomorphology. (Sci; 4 cr; prereq 1101)
  Lec 1  Arranged  Cotter
  33356 Lab 2  Arranged  Cotter  Max 15

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

Geol 3001. Global Tectonics. (Sci; 4 cr; prereq instr consent)
  33030  1:00-2:05 pm  MWF  Sci 1515  Brugger  Max 12

Geol 3501. Hydrology. (Sci; 4 cr; prereq Math 1021 or Math 1101 or instr consent)
  32858  10:30-11:35 am  MWF  Sci 3610  Brugger  Max 20

Geol 3601. Introduction to Geochemistry. (Sci; prereq (or coreq) 2101 or Chem 1102 or instr consent)
  33358  8:00-9:05 am  MWF  Sci 1510  Crabtree  Max 12

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

Geol 4901. Geology Senior Seminar. (1 cr; prereq instr consent; required for geol major)
  Arranged  Crabtree

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

**Ger 1001. Beginning German I.** (4 cr)
32458 Sec 1 2:15-3:20 pm  MWF  Hum 11  Carey  Max 25
33502 Sec 2 2:00-3:40 pm  TTh  Hum 111  Wilberg  Max 25

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

**Ger 2001. Intermediate German I.** (IP; 4 cr; prereq 1002 or placement or instr consent)
32835 12:50-2:30 pm  TTh  Hum 12  Wilberg  Max 25

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

**Ger 3101. Introduction to German Literature and Culture I.** (Hum; 4 cr; prereq 2002 or instr consent; may enroll concurrently with 3001)
33226 4:30-6:10 pm  TTh  Hum 12  Wilberg  Max 15

**Ger 3333. Advanced German Grammar.** (IP; 4 cr; prereq 2002 or instr consent; may enroll concurrently with 3101)
32919 10:30-11:35 am  MWF  Hum 12  Carey  Max 15

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

**Ger 4001. German Civilization I: From the Stone Age to 1871.** (Hist; 4 cr; prereq 3333 or equiv)
33225 1:00-2:05 pm  MWF  Hum 12  Carey  Max 15

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

Return to Table of Contents
### HISTORY

**Hist 1111. Introduction to World History.** (Hist; 4 cr)
- 32924: 8:00-9:40 am  TTh  IH 109  James  Max 40

**Hist 1112. Introduction to African History to 1880.** (Hist; 4 cr)
- 32966: 12:50-2:30 pm  TTh  IH 113  James  Max 25

**Hist 1301. Introduction to U.S. History.** (Hist; 4 cr)
- 32758: 9:15-10:20 am  MWF  IH 109  Guyotte  Max 40

**Hist 1820. What Happened? The 2016 Election in Historical Context.** (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)
- 34423: 10:30-11:35 am  MWF  Sci 2185  Gross  Max 24

**Hist 1821. Global Blackness.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
- 34424 Sec 1: 1:40-2:30 pm  TTh  IH 113  James  Max 13
- 34425 Sec 2: 2:40-3:30 pm  TTh  IH 217  James  Max 13

**Hist 1822. Age of Atlantic Revolutions.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
- 34357 Sec 1: 11:45-12:35 am  MW  IH 203  Narvaez  Max 13
- 34358 Sec 2: 1:00-1:50 pm  MW  IH 203  Narvaez  Max 13

**2451. The American West.** (Hist; 4 cr)
- 33292: 9:50-11:10 am  TTh  IH 113  Guyotte  Max 25

**Hist 2452. Minnesota History.** (Hist; 4 cr)
- 33293: 8:00-9:05 am  MWF  IH 114  Gross  Max 25

**Hist 2608. History of Cuba: From Colony to Revolutionary State.** (Hist; 4 cr)
- 33295: 3:30-5:10 pm  MW  IH 113  Narvaez  Max 25

**Hist 3181. The Study of History.** (Hist; 4 cr; prereq instr consent)
- 33099: 9:50-11:30 am  TTh  IH 203  Bruce  Max 18

**Hist 3304. Race, Class, and Gender in American History.** (HDiv; 4 cr)
- 33298: 9:15-10:20 am  MWF  IH 203  Whalen  Max 15

**Hist 3403. American Indian Education: History and Representation.** (E/CR; 4 cr)(Meets w/NAIS 3403)
- 33303: 2:15-3:20 pm  MWF  IH 111  Whalen  Max 15

**Hist 3456. History of Religion in America.** (Hist; 4 cr)
- 33294: 10:30-11:35 am  MWF  IH 203  Gross  Max 15

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

**Hist 4501. Senior Research Seminar in History.** (4 cr; prereq 3181, instr consent; A-F only)
- 32804: 4:30-6:30 pm  Tue  IH 217  Guyotte  Max 15

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

---

*Fall Semester 2018*
HUMAN SERVICES

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

Arranged Peters

Return to Table of Contents
HUMANITIES

Hum 1801. Talking about Love, War, Gods, and Politics with Greeks and Romans. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>34471</td>
<td>Sec 1</td>
<td>1:00-1:50 pm</td>
<td>MW</td>
<td>HFA 23</td>
<td>Wenzel</td>
<td>Max 13</td>
</tr>
<tr>
<td>34472</td>
<td>Sec 2</td>
<td>2:15-3:05 pm</td>
<td>MW</td>
<td>HFA 23</td>
<td>Wenzel</td>
<td>Max 13</td>
</tr>
</tbody>
</table>

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

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

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

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

Return to Table of Contents
INTERDISCIPLINARY STUDIES

IS 1041. Health Sciences Terminology. (2 cr) 32844  Completely online  Goodnough

IS 1061. Mastering Skills for College Success. (2 cr; prereq instr consent; S-N only) 32770  9:15-10:20 am  MWF (2nd half)  Hum 12  V. Berberi  Max 15

IS 1071. Systematic Introduction to the Art and Science of Emergency Medical Care. (4 cr; prereq registration with the Stevens County Ambulance Service; arrangements must be made by contacting them at 320-589-7421. You can take the course from them without registering at UMM, but the inverse is not true. The Stevens County Ambulance Service sets and requires an independent fee; S-N only) [Note: Students will choose between TTh, 12:00-1:40 pm with additional Saturday meetings as arranged between the instructor and student or TTh, 6:30-10:30 pm for class times. Class times will be listed as 'arranged' when registering.] 32434  Arranged  Hardy

IS 1810. Global Flashpoints. (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM) 33217 Sec 1  9:50-11:30 am  TTh  Hum 11  Miller  Max 24 34422 Sec 2  12:50-2:30 pm  TTh  Hum 205  Miller  Max 24

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

IS 2001H. Honors: Traditions in Human Thought. (Hum; 2 cr; prereq participation in the Honors Program or instr consent) Lec 1  10:00-10:50 am  Tue  Sci 3650  R. Johnson, J. Johnson 32931 Dis 2  9:00-9:50 am  Thu  Sci 3610  R. Johnson, J. Johnson  Max 15 32932 Dis 3  10:00-10:50 am  Thu  Sci 3650  R. Johnson, J. Johnson  Max 15

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

IS 3103. Graduate Success Seminar. (1 cr; prereq admission to the McNair Program) 34433  Arranged  Carpenter

IS 3246H. Honors: Science, Poetry, and the Great War. (Sci; 4 cr; prereq participation in the Honors Program or instr consent) 33450  11:45-12:50 pm  MWF  Sci 2200  Togeas  Max 15

IS 3254H. Honors: The Prairie: What It Was, What It Is, What It Could Be. (Envt; 2 cr; prereq participation in Honors Program or instr consent) 34465  12:50-4:10 pm  Fri (1st half)  IH 217  Kuchenreuther, A. Kildegaard

IS 3311. Perspectives on Death & Dying. (2 cr; prereq junior status or higher) 34466  2:40-4:20 pm  Tue  IH 101  Kellehear  Max 20

IS 3710. Peer Tutoring in College. (1 cr [max 3 cr]; S-N only) 32771  Arranged  Hoekstra

IS 3720. Tutoring Writing Across the Disciplines. (1-2 cr [max 6 cr]; prereq Engl 1601 (or 1011) or equiv, soph standing, instr consent; coreq Engl 3005 for students in their first semester at the Writing Room; S-N only) 32721  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  Staff

Fall Semester 2018
IS 3800. Practicum in Social Sciences. (1-2 cr [max 4 cr]; prereq instr consent; S-N only)
Arranged

IS 3810. Practicum in the Humanities. (1-2 cr [max 4 cr]; prereq instr consent; S-N only)
Arranged

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

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

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

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

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

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

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

Return to Table of Contents
ITALIAN

**Ital 1001. Beginning Italian I.** (4 cr)
32664 10:30-11:35 am MWF Hum 11 V. Berberi Max 25

**Ital 1802. Italian Cultural Landscapes: Migration and the Environment in Literature and Film.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
34458 Sec 1 8:50-9:40 am TTh Hum 12 V. Berberi Max 13
34459 Sec 2 9:50-10:40 am TTh Hum 12 V. Berberi Max 13

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

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

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

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

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32791 Sec 1</td>
<td>2:15-3:05 pm</td>
<td>MWF</td>
<td>Sci 4655</td>
<td>Pederson</td>
<td>Max 10</td>
</tr>
<tr>
<td>32792 Sec 2</td>
<td>2:40-3:35 pm</td>
<td>TTh</td>
<td>Sci 4655</td>
<td>Robinson</td>
<td>Max 15</td>
</tr>
<tr>
<td>32942 Sec 3</td>
<td>9:50-10:45 am</td>
<td>TTh</td>
<td>Sci 4655</td>
<td>Robinson</td>
<td>Max 15</td>
</tr>
<tr>
<td>32979 Sec 4</td>
<td>12:50-1:45 pm</td>
<td>TTh</td>
<td>Sci 2185</td>
<td>Robinson</td>
<td>Max 15</td>
</tr>
</tbody>
</table>

Lang 1062. Reading in the American University. (2 cr [max 4 cr]; prereq non-native speaker of English, instr consent; S-N only)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32793 Sec 1</td>
<td>10:30-11:35 am</td>
<td>MW</td>
<td>HFA 6</td>
<td>Robinson</td>
<td>Max 20</td>
</tr>
<tr>
<td>32920 Sec 2</td>
<td>11:45-12:50 pm</td>
<td>MW</td>
<td>HFA 6</td>
<td>Robinson</td>
<td>Max 20</td>
</tr>
<tr>
<td>32980 Sec 3</td>
<td>2:15-3:20 pm</td>
<td>MW</td>
<td>IH 114</td>
<td>Robinson</td>
<td>Max 20</td>
</tr>
</tbody>
</table>

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 08/30/18 to 11/15/18

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Day</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lec 1</td>
<td>4:30-5:35 pm</td>
<td>Thu</td>
<td>IH 111</td>
<td>Pederson</td>
<td>Max 12</td>
</tr>
<tr>
<td>32795 Dis 2</td>
<td>4:00-5:30 pm</td>
<td>Mon</td>
<td>Hum 11</td>
<td>Pederson</td>
<td>Max 12</td>
</tr>
<tr>
<td>32796 Dis 3</td>
<td>9:50-11:20 am</td>
<td>Tue</td>
<td>HFA 18</td>
<td>Pederson</td>
<td>Max 12</td>
</tr>
<tr>
<td>32797 Dis 4</td>
<td>2:40-4:10 pm</td>
<td>Tue</td>
<td>Hum 211</td>
<td>Pederson</td>
<td>Max 12</td>
</tr>
<tr>
<td>32943 Dis 5</td>
<td>3:30-5:00 pm</td>
<td>Wed</td>
<td>Hum 11</td>
<td>Pederson</td>
<td>Max 12</td>
</tr>
<tr>
<td>32981 Dis 6</td>
<td>4:30-6:00 pm</td>
<td>Tue</td>
<td>Hum 11</td>
<td>Pederson</td>
<td>Max 12</td>
</tr>
</tbody>
</table>

Lang 1071. Writing in the American University II. (3 cr; prereq 1061, instr consent)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32940</td>
<td>2:15-3:05 pm</td>
<td>MWF</td>
<td>Sci 4655</td>
<td>Pederson</td>
<td>Max 5</td>
</tr>
</tbody>
</table>
LATIN

**Lat 1001. Beginning Latin I.** (4 cr)
33029 11:45-12:50 pm MWF Hum 111 Bevevino Max 25

**Lat 2001. Intermediate Latin Prose.** (IP; 4 cr; prereq grade of C or S in 1002 or instr consent)
34794 2:30-3:20 pm MTWTh HFA 7 Smith Max 15

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

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

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

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

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

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

**LAAS 3100. Contemporary Latin America.** (1 cr [max 8 cr]; prereq LAAS major; to be repeated each sem a student is in residence; only 4 cr may apply to LAAS major)
32441  Arranged  M. Genova

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

**LAAS 4901. Senior Capstone in Latin American Area Studies.** (2-4 cr; prereq 3201, sr LAAS major, instr consent; A-F only)
32872  Arranged  Narvaez  Cap 12

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

[Return to Table of Contents](#)
**MANAGEMENT**

**Mgmt 1011. Fundamentals of Personal Finance.** (SS; 2 cr)
- 33288 Sec 1 1:00-2:05 pm MWF (1st half) IH 112 Burks Max 30
- 34348 Sec 2 2:40-4:20 pm TTh (1st half) IH 109 Panda Max 30

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

**Mgmt 2101. Principles of Accounting I.** (4 cr)
- 32525 Sec 1 8:00-9:05 am MWF IH 101 Wyum Max 40
- 32526 Sec 2 11:45-12:50 pm MWF IH 101 Wyum Max 40

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

**Mgmt 3101. Financial Management.** (4 cr; prereq 2102, Econ 1111, Econ 1112, Stat 1601)
- 32527 8:00-9:40 am TTh IH 114 Economou Max 30

**Mgmt 3151. Human Resources Management I.** (E/CR; 2 cr; prereq 2101 or instr consent)
- 32906 2:15-3:20 pm MWF (1st half) IH 112 Economou Max 30

**Mgmt 3152. Human Resources Management II.** (HDiv; 2 cr; prereq 3151 or instr consent)
- 32907 2:15-3:20 pm MWF (2nd half) IH 112 Economou Max 30

**Mgmt 3221. Management and Organization Theory.** (4 cr; prereq 2101, Econ 1111 or instr consent)
- 32815 9:15-10:20 am MWF IH 101 Wyum Max 30

**Mgmt 3701. Organizational Behavior.** (SS; 4 cr; prereq Stat 1601 or Stat 2601, jr or sr)(Same as Psy 3701)
- 32714 10:30-11:35 am MWF IH 114 Stewart Max 20

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

**Mgmt 4896. Internship.** (1-4 cr [max 4 cr]; prereq 2102, instr consent; 2 cr may be applied to the major or minor; S-N only)
- Arranged Staff

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

*Return to Table of Contents*
### MATHEMATICS

**Math 0901. Basic Algebra.** (0 cr toward graduation, 4 cr toward financial aid)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32609</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Sci 3650</td>
<td>Rambow</td>
<td>Max 50</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32759 Sec 1</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 3610</td>
<td>Rambow</td>
<td>Max 40</td>
</tr>
<tr>
<td>32878 Sec 2</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Sci 3650</td>
<td>Ismail</td>
<td>Max 40</td>
</tr>
</tbody>
</table>

**Math 1013. PreCalculus II: Trigonometry.** (M/SR; 2 cr; prerequisite Math 0901 or placement; no credit for students who have received credit for Math 1014)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32760</td>
<td>8:50-9:40 am</td>
<td>TTh</td>
<td>Sci 3650</td>
<td>Roberts</td>
<td>Max 40</td>
</tr>
</tbody>
</table>

**Math 1021. Survey of Calculus.** (M/SR; 4 cr; prerequisite Math 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>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32900</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Sci 2190</td>
<td>McQuarrie</td>
<td>Max 30</td>
</tr>
</tbody>
</table>

**Math 1101. Calculus I.** (M/SR; 5 cr; prerequisite Math 1012, 1013 or placement)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32420 Sec 1</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 3510</td>
<td>Ismail</td>
<td>Max 35</td>
</tr>
<tr>
<td>32421 Sec 2</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Sci 3510</td>
<td>Atkinson</td>
<td>Max 35</td>
</tr>
</tbody>
</table>

**Math 1102. Calculus II.** (M/SR; 5 cr; prerequisite Math 1101)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32423</td>
<td>3:30-4:35 pm</td>
<td>MWF</td>
<td>Sci 3510</td>
<td>McQuarrie</td>
<td>Max 35</td>
</tr>
<tr>
<td>32424</td>
<td>2:40-4:20 pm</td>
<td>Tue</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Math 1801. Geometry Collides with Culture: Patterns in Space.** (IC; 2 cr; prerequisite new college student in their first semester of enrollment at UMM)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>33440 Sec 1</td>
<td>8:50-9:40 am</td>
<td>TTh</td>
<td>Sci 3665</td>
<td>Logan</td>
<td>Max 13</td>
</tr>
<tr>
<td>33441 Sec 2</td>
<td>12:50-1:40 pm</td>
<td>TTh</td>
<td>Sci 3665</td>
<td>Logan</td>
<td>Max 13</td>
</tr>
</tbody>
</table>

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

Arranged

**Math 2101. Calculus III.** (M/SR; 4 cr; prerequisite Math 1102 or instructor consent)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32427</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 4655</td>
<td>Logan</td>
<td>Max 35</td>
</tr>
</tbody>
</table>

**Math 2211. History of Mathematics.** (4 cr; prerequisite Math 1101 or higher or instructor consent)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>33362</td>
<td>3:30-4:35 pm</td>
<td>MWF</td>
<td>Sci 2200</td>
<td>Roberts</td>
<td>Max 30</td>
</tr>
</tbody>
</table>

**Math 2401. Differential Equations.** (M/SR; 4 cr; prerequisite Math 1102 or instructor consent)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32428</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 3650</td>
<td>McQuarrie</td>
<td>Max 40</td>
</tr>
</tbody>
</table>

**Math 2501. Probability and Stochastic Processes.** (M/SR; 4 cr; prerequisite Math 1101 or instructor consent)(Same as Stat 2501)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32682</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Sci 3610</td>
<td>Sungur</td>
<td>Max 15</td>
</tr>
</tbody>
</table>

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

Arranged

**Math 3111. Linear Algebra.** (4 cr; prerequisite Math 1102)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32772</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Sci 2200</td>
<td>Atkinson</td>
<td>Max 35</td>
</tr>
</tbody>
</table>

**Math 3221. Real Analysis I.** (4 cr; prerequisite Math 1102, 2202, or instructor consent)

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>32649</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 3610</td>
<td>Roberts</td>
<td>Max 30</td>
</tr>
</tbody>
</table>

*Fall Semester 2018*
Math 3411. Discrete and Combinatorial Mathematics. (4 cr; prereq 1102 or higher or instr consent)
32430 10:30-11:35 am MWF Sci 4655 Ng Max 30

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

Math 4221. Topology. (2 cr; prereq 2202 or instr consent)
33365 3:00-3:50 pm TTh Sci 3665 Atkinson Max 20

Math 4901. Senior Seminar. (2 cr; prereq sr, math major; full year course begins fall sem; A-F only)
32914 Arranged Ng

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

**Mus 0100. Concert Attendance.** (0 cr; prereq major or minor; S-N only)
- 32807 Sec 1 Arranged music majors only B. Miller
- 34970 Sec 2 Arranged music minors only B. Miller

**Mus 1041. Introduction to Music.** (FA; 4 cr)
- 32461 11:45-12:50 pm MWF HFA 185 D. Odello Max 50

**Mus 1044. Class Piano for the Non-Music Major.** (ArtP; 1 cr; special fee required)
- 32836 Sec 1 1:00-1:50 pm Mon HFA 175 Bae Max 12
- 32837 Sec 2 1:00-1:50 pm Wed HFA 175 Bae Max 12
- 33137 Sec 3 9:50-10:40 am Tue HFA 175 Bae Max 12

**Mus 1045. Class Guitar.** (ArtP; 1 cr; special fee required)
- 32668 12:50-1:50 pm Tue HFA 170 Flegel Max 25

**Mus 1050. Accompanying.** (ArtP; 1 cr; prereq instr consent)
- 33248 6:15-7:15 pm Thu HFA 160 DuHamel

**Mus 1070. Instrumental Chamber Ensemble.** (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
- 32463 6:00-7:00 pm Wed HFA 180 Tillier

**Mus 1080. Jazz Combo.** (ArtP; 1 cr [max 8 cr]; S-N only)
- 32464 6:00-7:00 pm Mon HFA 180 Campbell

**Mus 1081. Jazz Improvisation.** (ArtP; 2 cr)
- 32958 1:40-2:30 pm TTh HFA 180 Campbell

**Mus 1111. Functional Keyboard for the Music Major I.** (ArtP; 1 cr; prereq music major or minor; special fee required)
- 32808 Sec 1 1:40-2:30 pm TTh HFA 175 DuHamel Max 12
- 33249 Sec 2 12:50-1:40 pm TTh HFA 175 DuHamel tentative

**Mus 1151. Foundations of Music Theory I: Rhythm and Pitch.** (M/SR; 2 cr; coreq 1153, 1155, concurrent enrollment in piano classes/lessons until piano proficiency is passed for maj/min)
- 33044 9:15-10:05 am MW HFA 185 Flinn Max 30

**Mus 1153. Foundations of Musicianship I.** (1 cr; coreq 1151, 1155)
- 33045 Sec 1 9:15-10:05 am Fri HFA 175 Flinn Max 12
- 33250 Sec 2 10:30-11:20 am Fri HFA 175 Flinn Max 12

**Mus 1155. Foundations of Music History I: Ancient to 1750.** (Hist; 2 cr; coreq 1151, 1153)
- 33046 8:50-9:40 am TTh HFA 185 Flinn Max 30

**Mus 1200-1222. Individual Performance Studies.** (ArtP; 1 cr each [max 8 cr per instrument]; prereq instr consent; special fee required)

**Mus 1200. Piano**
- 32465 Sec 1 Arranged DuHamel
- 32613 Sec 2 Arranged Bae
- 32614 Sec 3 Arranged Helder

**Mus 1201. Piano Accompanying**
- 32466 Arranged DuHamel

**Mus 1202. Organ**
- 32467 Arranged Staff

**Mus 1203. Harpsichord**
- 32468 Arranged Staff

---

*Fall Semester 2018*
Mus 1204. Voice
32469 Sec 1 Arranged A. Miller
32615 Sec 2 Arranged Howes
32616 Sec 3 Arranged B. Miller
32617 Sec 4 Arranged K. Miller

Mus 1205. Violin
32470 Arranged Corbett

Mus 1206. Viola
32471 Arranged Corbett

Mus 1207. Cello
32472 Arranged Staff

Mus 1208. Double Bass
32473 Arranged Staff

Mus 1209. Flute
32474 Arranged DeVoll

Mus 1210. Oboe
32475 Arranged Bushman

Mus 1211. Clarinet
32476 Arranged Tillier

Mus 1212. Saxophone
32477 Arranged Campbell

Mus 1214. Trumpet
32478 Arranged Jimenez

Mus 1215. French Horn
32479 Arranged Jimenez

Mus 1216. Trombone
32480 Arranged Varpness

Mus 1217. Euphonium
32481 Arranged Varpness

Mus 1218. Tuba
32482 Arranged M. Odello

Mus 1219. Percussion
32483 Arranged Horey

Mus 1221. Guitar
32656 Arranged Flegel

Mus 1222. Electric Bass
32657 Arranged Flegel

Mus 1223. Composition
32732 Sec 1 Arranged Campbell
33252 Sec 2 Arranged Flinn

Mus 1300. UMM Symphonic Winds. (ArtP; 1 cr [max 8 cr]; S-N only; special fee required for fall semester)(Meets w/Mus 1352)
32484 3:30-5:20 pm MWF HFA 180 Tillier

Mus 1301. Chamber Winds. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
32846 3:30-4:20 pm TTh HFA 180 Tillier

Mus 1310. University Choir. (ArtP; 1 cr [max 8 cr]; S-N only)
32485 1:00-2:05 pm MW HFA 170 Miller

Mus 1320. Concert Choir. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
32486 5:00-6:15 pm M-Th HFA 170 B. Miller

Mus 1321. Chamber Singers. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
32487 7:30-9:00 pm Tue HFA 170 B. Miller

Fall Semester 2018
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Max Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mus 1330</td>
<td>Jazz Ensemble</td>
<td>Sec 1</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>HFA 180</td>
<td>Campbell</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sec 2</td>
<td>Arranged</td>
<td></td>
<td></td>
<td>Campbell</td>
<td></td>
</tr>
<tr>
<td>Mus 1331</td>
<td>Brass Ensemble</td>
<td></td>
<td>5:00-5:50 pm</td>
<td>TTH</td>
<td>HFA 180</td>
<td>Tillier</td>
<td></td>
</tr>
<tr>
<td>Mus 1350</td>
<td>Choral Ensembles: Community Membership</td>
<td></td>
<td>7:00-8:00 pm</td>
<td>Mon</td>
<td>HFA 180</td>
<td>Campbell</td>
<td>Max 20</td>
</tr>
<tr>
<td>Mus 1351</td>
<td>Jazz Ensembles: Community Membership</td>
<td></td>
<td>3:30-5:20 pm</td>
<td>MWF</td>
<td>HFA 180</td>
<td>Tillier</td>
<td>Max 20</td>
</tr>
<tr>
<td>Mus 1352</td>
<td>Wind/Brass Ensembles: Community Membership</td>
<td></td>
<td>6:30-8:00 pm</td>
<td>MW</td>
<td>HFA 170</td>
<td>Corbett</td>
<td>Max 20</td>
</tr>
<tr>
<td>Mus 2045</td>
<td>Intermediate Class Guitar</td>
<td></td>
<td>2:40-3:30 pm</td>
<td>Tue</td>
<td>HFA 170</td>
<td>Flegel</td>
<td>Max 25</td>
</tr>
<tr>
<td>Mus 2111</td>
<td>Functional Keyboard for the Music Major III</td>
<td></td>
<td>2:40-3:30 pm</td>
<td>TTh</td>
<td>HFA 175</td>
<td>DuHamel</td>
<td>Max 12</td>
</tr>
<tr>
<td>Mus 2151</td>
<td>Intermediate Music Theory: Form</td>
<td></td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>HFA 180</td>
<td>Flinn</td>
<td>Max 30</td>
</tr>
<tr>
<td>Mus 2152</td>
<td>Intermediate Music Theory: Harmony</td>
<td></td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>HFA 180</td>
<td>Flinn</td>
<td>Max 30</td>
</tr>
<tr>
<td>Mus 2303</td>
<td>Instrumental Techniques – Strings</td>
<td></td>
<td>9:15-10:20 am</td>
<td>MW</td>
<td>HFA 180</td>
<td>Corbett</td>
<td>Max 25</td>
</tr>
<tr>
<td>Mus 2402</td>
<td>Art Song Repertoire</td>
<td></td>
<td>9:50-10:40 am</td>
<td>TTH</td>
<td>HFA 185</td>
<td>A. Miller</td>
<td>Max 25</td>
</tr>
<tr>
<td>Mus 3115</td>
<td>Gender and Sexuality in Music</td>
<td></td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>HFA 185</td>
<td>D. Odello</td>
<td>Max 12</td>
</tr>
<tr>
<td>Mus 3117</td>
<td>Music in Film</td>
<td></td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>HFA 185</td>
<td>D. Odello</td>
<td>Max 12</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Section</td>
<td>Instructor(s)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------------</td>
<td>---------</td>
<td>---------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3204. Voice</td>
<td></td>
<td>32491 Sec 1</td>
<td>Arranged A. Miller</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>32618 Sec 2</td>
<td>Arranged Howes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>32619 Sec 3</td>
<td>Arranged B. Miller</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>32620 Sec 4</td>
<td>Arranged K. Miller</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3205. Violin</td>
<td></td>
<td>32492</td>
<td>Arranged Corbett</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3206. Viola</td>
<td></td>
<td>32493</td>
<td>Arranged Corbett</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3207. Cello</td>
<td></td>
<td>32494</td>
<td>Arranged Staff</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3208. Double Bass</td>
<td></td>
<td>32495</td>
<td>Arranged Staff</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3209. Flute</td>
<td></td>
<td>32496</td>
<td>Arranged DeVoll</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3210. Oboe</td>
<td></td>
<td>32497</td>
<td>Arranged Bushman</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3211. Clarinet</td>
<td></td>
<td>32498</td>
<td>Arranged Tillier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3212. Saxophone</td>
<td></td>
<td>32499</td>
<td>Arranged Campbell</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3214. Trumpet</td>
<td></td>
<td>32500</td>
<td>Arranged Jimenez</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3215. French Horn</td>
<td></td>
<td>32501</td>
<td>Arranged Jimenez</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3216. Trombone</td>
<td></td>
<td>32502</td>
<td>Arranged Varpness</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3217. Euphonium</td>
<td></td>
<td>32503</td>
<td>Arranged Varpness</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3218. Tuba</td>
<td></td>
<td>32504</td>
<td>Arranged M. Odello</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3219. Percussion</td>
<td></td>
<td>32505</td>
<td>Arranged Horey</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3221. Guitar</td>
<td></td>
<td>32669</td>
<td>Arranged Flegel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3222. Electric Bass</td>
<td></td>
<td>32670</td>
<td>Arranged Flegel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3223. Composition</td>
<td></td>
<td>32733 Sec 1</td>
<td>Arranged Campbell</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>33263 Sec 2</td>
<td>Arranged Flinn</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3224. Improvisation</td>
<td></td>
<td>34432</td>
<td>Arranged Campbell</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3311. Conducting Techniques</td>
<td>(2 cr; prereq major or minor or instr consent)</td>
<td>32720 11:45-12:50 pm MWF</td>
<td>HFA 180 Tillier</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3331. Choral Conducting and Materials</td>
<td>(2 cr; prereq 3311, major or minor or instr consent)</td>
<td>33264 11:45-12:50 pm MWF</td>
<td>HFA 170 B. Miller</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 3993. Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td></td>
<td>Arranged</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 4901. Senior Project and Portfolio. (1 cr; prereq major, instr consent; S-N only)</td>
<td></td>
<td>Arranged D. Odello</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## NATIVE AMERICAN AND INDIGENOUS STUDIES

**NAIS xxxx. TBA**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAIS 1001</td>
<td>Beginning Dakota Language I. (4 cr)</td>
<td>33383</td>
<td>9:50-11:30 am</td>
<td>TTh</td>
<td>HFA 6</td>
<td>Staff</td>
</tr>
<tr>
<td>NAIS 1011</td>
<td>Beginning Anishinaabe Language I. (4 cr)</td>
<td>33138</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td>IH 101</td>
<td>Staff</td>
</tr>
<tr>
<td>NAIS 1054</td>
<td>Associated Languages: Introduction to Nahuatl Language. (IP; 4 cr; due to the fact that many Nahuatl texts are bilingual, it is recommended that students have completed at least two years for college-level Spanish)(Meets w/Span 1054)</td>
<td>33956</td>
<td>12:50-2:30 pm</td>
<td>TTh</td>
<td>IH 115</td>
<td>Coon</td>
</tr>
<tr>
<td>NAIS 1101</td>
<td>Introduction to Native American and Indigenous Studies. (HDiv; 4 cr)</td>
<td>33128</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>IH 109</td>
<td>Whalen</td>
</tr>
<tr>
<td>NAIS 1801</td>
<td>American Indian Song and Dance. (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)</td>
<td>33382</td>
<td>2:15-3:20 pm</td>
<td>MW</td>
<td>HFA 18</td>
<td>Desrosiers</td>
</tr>
<tr>
<td>NAIS 2011</td>
<td>Intermediate Anishinaabe Language I. (Hum; 4 cr; prereq 1012 or placement or instr consent)</td>
<td>33530</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>HFA 18</td>
<td>Desrosiers</td>
</tr>
<tr>
<td>NAIS 2993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td>Arranged</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NAIS 3403</td>
<td>American Indian Education: History and Representation. (E/CR; 4 cr)(Meets w/ Hist 3403)</td>
<td>33304</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>IH 111</td>
<td>Whalen</td>
</tr>
<tr>
<td>NAIS 3993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td>Arranged</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Instructor</td>
<td>Max</td>
<td>Time</td>
<td>Days</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
<td>---------</td>
<td>------------</td>
<td>-----</td>
<td>------------</td>
<td>------</td>
</tr>
<tr>
<td>Phil 1101</td>
<td>Introduction to Philosophy. (Hum; 4 cr)</td>
<td></td>
<td>McFarlane</td>
<td>25</td>
<td>Sci 1030</td>
<td>TTh</td>
</tr>
<tr>
<td>Phil 1805</td>
<td>Campus Quandaries: Moral Problems Raised by College Life. (IC; 4 cr; prreq new college student in their first semester of enrollment at UMM)</td>
<td></td>
<td>McFarlane</td>
<td>25</td>
<td>Sci 1030</td>
<td>TTh</td>
</tr>
<tr>
<td>Phil 1993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prreq approved directed study form)</td>
<td></td>
<td></td>
<td></td>
<td>Arranged</td>
<td></td>
</tr>
<tr>
<td>Phil 2101</td>
<td>Introduction to Symbolic Logic. (M/SR; 4 cr)</td>
<td></td>
<td>Garavaso</td>
<td>25</td>
<td>Sci 1030</td>
<td>MWF</td>
</tr>
<tr>
<td>Phil 2112</td>
<td>Professional Ethics. (E/CR; 4 cr)</td>
<td></td>
<td>Garavaso</td>
<td>25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phil 2993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prreq approved directed study form)</td>
<td></td>
<td></td>
<td></td>
<td>Arranged</td>
<td></td>
</tr>
<tr>
<td>Phil 3121</td>
<td>Political Philosophy. (SS; 4 cr; prreq 1101 or 2101 or 2111 or instr consent)</td>
<td></td>
<td>Demetriou</td>
<td>25</td>
<td>Sci 3650</td>
<td>TTh</td>
</tr>
<tr>
<td>Phil 3141</td>
<td>The Theory of Knowledge. (Hum; 4 cr; prreq 1101 or 2101 or 2111 or instr consent)</td>
<td></td>
<td>Garavaso</td>
<td>25</td>
<td>IH 101</td>
<td>MWF</td>
</tr>
<tr>
<td>Phil 3993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prreq approved directed study form)</td>
<td></td>
<td></td>
<td></td>
<td>Arranged</td>
<td></td>
</tr>
<tr>
<td>Phil 4000</td>
<td>History of Philosophy Seminar. (Hist; 4 cr; prreq 1101 or 2101 or 2111 or instr consent)</td>
<td></td>
<td></td>
<td></td>
<td>IH 202</td>
<td>MW</td>
</tr>
<tr>
<td>Phil 4993</td>
<td>Directed Study. (1-5 cr [max 10 cr]; prreq approved directed study form)</td>
<td></td>
<td></td>
<td></td>
<td>Arranged</td>
<td></td>
</tr>
</tbody>
</table>
### PHYSICS

**Phys 1052. The Solar System.** (Sci-L; 5 cr; no cr for students who have received cr for Phys 1051)
- **Lec 1** 2:15-3:20 pm MWF  Sci 2200  McIntosh
- **32875 Lab 2** 9:00-11:00 am Tue  Sci 4530  McIntosh  Max 18
- **32876 Lab 3** 2:40-4:40 pm Tue  Sci 4530  McIntosh  Max 18

**Phys 1091. Principles of Physics I.** (Sci-L; 5 cr; prereq high school higher algebra)
- **Lec 1** 10:30-11:35 am MWF  Sci 2190  Morgan
- **32679 Lab 2** 9:00-11:00 am Thu  Sci 4550  Morgan  Max 18
- **32680 Lab 3** 1:00-3:00 pm Thu  Sci 4550  Morgan  Max 18
- **32915 Lab 4** 3:30-5:30 pm Thu  Sci 4550  Morgan  Max 18

**Phys 1102. General Physics II.** (Sci-L; 5 cr; prereq 1101, Math 1102 or instr consent)
- **Lec 1** 10:30-11:35 am MWF  Sci 1030  Korth
- **32631 Lab 2** 3:30-5:30 pm Mon  Sci 4550  McIntosh  Max 18
- **32632 Lab 3** 9:00-11:00 am Tue  Sci 4550  McIntosh  Max 18

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

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

**Phys 3101. Classical Mechanics.** (Sci; 4 cr; prereq 2101, Math 2101 or instr consent)
- 33375 1:00-2:05 pm MWF  Sci 3655  Korth  Max 12

**Phys 3401. Experimental Physics.** (Sci-L; 4 cr; prereq 2101)
- **Lec 1** 2:15-3:05 pm MWF  Sci 3655  Morgan
- **33374 Lab 2** 1:00-4:00 pm Tue  Sci 4610  Morgan  Max 10

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

**Phys 4901. Senior Thesis I.** (1 cr; prereq sr)
- 4:30-5:20 pm Thu  Sci 3665  Korth  Max 8

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

*Return to Table of Contents*
# POLITICAL SCIENCE

**Pol 1201. American Government and Politics.** (E/CR; 4 cr)
- 32529
  - 4:30-6:10 pm
  - TTh
  - IH 109
  - Rose
  - Max 50

**Pol 1401. World Politics.** (IP; 4 cr)
- 32640
  - 10:30-11:35 am
  - MWF
  - IH 111
  - Joo
  - Max 50

**Pol 1811. War and Terrorism.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
- 32789 Sec 1
  - 1:00-1:50 pm
  - MW
  - IH 217
  - Joo
  - Max 13
- 32790 Sec 2
  - 2:15-3:05 pm
  - MW
  - IH 217
  - Joo
  - Max 13

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

**Pol 2001. Political Science Research Methods.** (SS; 4 cr; prereq any 1xxx-level UMM Pol course, major or minor or instr consent)
- 32838
  - 12:50-2:30 pm
  - TTh
  - IH 11
  - Rose
  - Max 18

**Pol 2354. Political Ethics.** (E/CR; 4 cr)
- 33309
  - 8:00-9:40 am
  - TTh
  - IH 111
  - Breen
  - Max 20

**Pol 2401. U.S. Foreign Policy.** (IP; 4 cr)
- 33306
  - 3:30-5:10 pm
  - MW
  - IH 217
  - Joo
  - Max 20

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

**Pol 3231. Constitutional Law: Civil Liberties and Civil Rights.** (HDiv; 4 cr; prereq 1201)
- 33307
  - 9:15-10:20 am
  - MWF
  - IH 111
  - Lindberg
  - Max 20

**Pol 3251. Political Participation and Voting Behavior.** (SS; 4 cr; prereq 1201)
- 33308
  - 11:45-12:50 pm
  - MWF
  - IH 111
  - Lindberg
  - Max 20

**Pol 3302. Islamic Political Thought.** (SS; 2 cr; prereq 1101 or instr consent)
- 33312
  - 1:00-2:05 pm
  - MWF (1st half)
  - HFA 6
  - Breen
  - Max 20

**Pol 3303. Gender, Sexuality, and Political Theory.** (SS; 2 cr; prereq 1101 or instr consent)
- 33313
  - 1:00-2:05 pm
  - MWF (2nd half)
  - HFA 6
  - 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

**Pol 4305 Seminar in Political Theory.** (4 cr; prereq 1101, 2001 or instr consent; A-F only)
- 33310
  - 9:50-11:30 am
  - TTh
  - IH 217
  - Breen
  - Max 15

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

---

*Fall Semester 2018*
## PSYCHOLOGY

**Psy 1051. Introduction to Psychology.** (SS; 4 cr)
- 32532 Sec 1: 1:00-2:05 pm MWF IH 111 Meek Max 50
- 32853 Sec 2: 2:15-3:20 pm MWF IH 109 Michael Max 50
- 33325 Sec 98: Completely Online Staff Max 30

**Psy 1807. Drugged Society: Humanity’s Long-term Relationship with Mind-altering Substances.** (IC; 2 cr; prereq new college student in their first semester of enrollment at UMM)
- 33322: 9:15-10:05 am MW IH 202 Michael Max 13

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

**Psy 2001. Research Methods in Psychology.** (SS; 4 cr; prereq 1051, Stat 1601 or Stat 2601, psy major or minor, or instr consent)
- 32748 Sec 1: 9:15-10:20 am MWF IH 113 C. Stewart Max 20
- 32819 Sec 2: 9:50-11:30 am TTh IH 114 Loehle-Conger Max 20

**Psy 2402. Family Interaction Dynamics.** (SS; 4 cr)
- 33122: 8:00-9:40 am TTh IH 112 Holst Max 30

**Psy 2411. Introduction to Lifespan Developmental Psychology.** (SS; 4 cr; prereq 1051)
- 32734: 4:30-6:10 pm TTh IH 112 Baldelomar Max 30

**Psy 2581. Drugs and Human Behavior.** (SS; 2 cr; prereq 1051 or instr consent)
- 33323: 10:30-11:35 am MWF (2nd half) IH 101 Michael Max 35

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

**Psy 3051. The Psychology of Women and Gender.** (4 cr; prereq 1051 or inst consent)
- 34351: 12:50-2:30 pm TTh IH 114 Holst Max 20

**Psy 3101. Learning Theory and Behavior Modification.** (4 cr; prereq 2001 or instr consent)
- 32663: 11:45-12:50 pm MWF IH 113 C. Stewart Max 24

**Psy 3111. Sensation and Perception.** (4 cr; prereq 2001 or instr consent)
- 32533: 11:45-12:50 pm MWF IH 114 Johnson Max 24

**Psy 3121. Psychology of Creativity.** (4 cr; prereq at least 8 credits of Psy at 2xxx or above)
- 34352: 2:15-3:20 pm MWF IH 202 Johnson Max 10

**Psy 3211. Biological Psychology.** (Sci-L; 5 cr; prereq [1051, 2001] or Biol 1101 or Biol 1111)
- 32910: 10:30-11:35 am MWF IH 113 Meek Max 24

**Psy 3302. Personality.** (4 cr; prereq 1051 or instr consent)
- 32773: 2:40-4:20 pm TTh IH 112 Loehle-Conger Max 30

**Psy 3313. Psychopathology.** (4 cr; prereq 1051 or instr consent)
- 32904: 9:50-11:30 am TTh IH 112 Peters Max 30

**Psy 3314. Child and Adolescent Psychopathology.** (4 cr; prereq 1051 or instr consent; A-F only)
- 33328: 4:30-6:10 pm TTh IH 113 Holst Max 30

*Fall Semester 2018*
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Time/Location</th>
<th>Instructor</th>
<th>Max Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psy 3404</td>
<td><strong>Culture and Human Development.</strong></td>
<td>4</td>
<td>12:50-2:30 pm</td>
<td>IH 112</td>
<td>Max 30</td>
</tr>
<tr>
<td></td>
<td>(HDiv; 4 cr; prereq 1051 or instr consent)</td>
<td></td>
<td></td>
<td>Baldelomar</td>
<td></td>
</tr>
<tr>
<td>Psy 3521</td>
<td><strong>Health Psychology.</strong></td>
<td>4</td>
<td>3:30-4:35 pm</td>
<td>IH 112</td>
<td>Max 35</td>
</tr>
<tr>
<td></td>
<td>(4 cr; prereq 1051)</td>
<td></td>
<td></td>
<td>Michael</td>
<td></td>
</tr>
<tr>
<td>Psy 3701</td>
<td><strong>Organizational Behavior.</strong></td>
<td>4</td>
<td>10:30-11:35 am</td>
<td>IH 114</td>
<td>Max 10</td>
</tr>
<tr>
<td></td>
<td>(SS; 4 cr; prereq Stat 1601 or Stat 2601, jr or sr)(Meets w/Mgmt 3701)</td>
<td></td>
<td></td>
<td>D. Stewart</td>
<td></td>
</tr>
<tr>
<td>Psy 3800</td>
<td><strong>Research Practicum.</strong></td>
<td>1-12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(1-12 cr [max 12 cr]; prereq instr consent; S-N only)</td>
<td></td>
<td></td>
<td>Arranged</td>
<td></td>
</tr>
<tr>
<td>Psy 3993</td>
<td><strong>Directed Study.</strong></td>
<td>1-5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td></td>
<td></td>
<td>Arranged</td>
<td></td>
</tr>
<tr>
<td>Psy 4102</td>
<td><strong>Introduction to Professional Conduct, Legal Constraints, Ethics in Human Services.</strong></td>
<td>2</td>
<td>4:30-6:10 pm</td>
<td>IH 114</td>
<td>Max 15</td>
</tr>
<tr>
<td></td>
<td>(E/CR; 2 cr; prereq jr, 8 cr 3xxx or 4xxx Psy or Soc or Anth courses or instr consent)</td>
<td></td>
<td></td>
<td>Loehle-Conger</td>
<td></td>
</tr>
<tr>
<td>Psy 4896</td>
<td><strong>Field Experiences In Psychology.</strong></td>
<td>1-4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(1-4 cr [max 4 cr]; prereq instr consent, only 4 cr may be applied toward the BA or Psy major; S-N only)</td>
<td></td>
<td></td>
<td>Arranged</td>
<td></td>
</tr>
<tr>
<td>Psy 4930</td>
<td><strong>Advanced Seminar in Personality or Clinical Psychology.</strong></td>
<td>4</td>
<td>2:40-4:20 pm</td>
<td>IH 202</td>
<td>Max 8</td>
</tr>
<tr>
<td></td>
<td>(4 cr; prereq 2001, 3302 or 3313 or 3314, sr status, instr consent; A-F only)</td>
<td></td>
<td></td>
<td>Peters</td>
<td></td>
</tr>
<tr>
<td>Psy 4940</td>
<td><strong>Advanced Seminar in Developmental Psychology.</strong></td>
<td>4</td>
<td>8:00-9:40 am</td>
<td>IH 203</td>
<td>Max 8</td>
</tr>
<tr>
<td></td>
<td>(4 cr; prereq 2001, 3401 or 3402 or 3403, sr status, instr consent; A-F only)</td>
<td></td>
<td></td>
<td>Baldelomar</td>
<td></td>
</tr>
<tr>
<td>Psy 4993</td>
<td><strong>Directed Study.</strong></td>
<td>1-5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(1-5 cr [max 10 cr]; prereq approved directed study form)</td>
<td></td>
<td></td>
<td>Arranged</td>
<td></td>
</tr>
</tbody>
</table>

*Return to Table of Contents*
## SOCIOLGY

**Soc 1101. Introductory Sociology.** (SS; 4 cr)  
32521  10:30-11:35 am  MWF  
IH 109  Rothchild  Max 70

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

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

**Soc 3103. Research Methodology in Sociology.** (4 cr; prereq 1101)  
32762  2:40-4:20 pm  TTh  
Sci 2190  Gilanshah  Max 30

**Soc 3121. Sociology of Gender and Sexuality.** (HDiv; prereq 1101 or Anth 1111 or instr consent)  
33283  9:15-10:20 am  MWF  
IH 114  Rothchild  Max 30

**Soc 3131. World Population.** (Envt; 4 cr; prereq 1101 or instr consent)  
32784  12:50-2:30 pm  TTh  
Sci 2190  Gilanshah  Max 30

**Soc 3403. Sociological Theory.** (4 cr; prereq 1101; 4 addtl cr in Soc recommended)  
33404  1:00-2:05 pm  MWF  
IH 114  Rothchild  Max 30

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

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

**Span 1001. Beginning Spanish I. (4 cr)**
- 32508 Sec 1: 9:15-10:20 am, MWF, Hum 211, Coon, Max 25
- 32509 Sec 2: 11:45-12:50 pm, MWF, Hum 211, Wojtaszek, Max 25
- 32763 Sec 3: 1:00-2:05 am, MWF, Hum 211, Coon, Max 25
- 32888 Sec 4: 2:15-3:20 pm, MWF, Hum 211, Roberts, Max 25

**Span 1003. Accelerated Beginning Spanish. (FL; 4 cr; prereq placement or instr consent)**
- 32871: 10:30-11:35 am, MWF, Hum 111, Roberts, Max 25

**Span 1054. Associated Languages: Introduction to Nahuatl Language. (IP; 4 cr; due to the fact that many Nahuatl texts are bilingual, it is recommended that students have completed at least two years for college level Spanish) (Meets w/NAIS 1054)**
- 33243: 12:50-2:30 pm, TTh, IH 115, Coon, Max 25

**Span 1801. Hispanic Culture Through Cinema. (IC; 4 cr; prereq new college student in their first semester of enrollment at UMM)**
- 33241: 9:15-10:20 am, MWF, HFA 2, Aronson, Max 24

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

**Span 2001. Intermediate Spanish I. (IP; 4 cr; prereq 1002 or 1003 or placement or instr consent)**
- 32510 Sec 1: 11:45-12:50 pm, MWF, Hum 211, Wojtaszek, Max 20
- 32511 Sec 2: 2:15-3:20 pm, MWF, Hum 205, Wojtaszek, Max 20

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

**Span 3011. Conversation, Composition, and Culture. (IP; 2 cr; prereq 2002, concurrent enrollment in 3111 or instr consent)**
- 32810 Sec 1: 10:30-11:35 am, MWF (1st half), IH 217, Aronson, Max 15
- 32811 Sec 2: 1:00-2:05 pm, MWF (1st half), IH 202, Aronson, Max 15

**Span 3111. Readings in Spanish I. (Hum; 2 cr; concurrent enrollment in 3011 or instr consent)**
- 32812 Sec 1: 10:30-11:35 am, MWF (2nd half), IH 217, Aronson, Max 15
- 32813 Sec 2: 1:00-2:05 pm, MWF (2nd half), IH 217, Aronson, Max 15

**Span 3211. Literature and Culture of Latin America. (Hum; 4 cr; prereq 3012, 3112 or instr consent)**
- 32870: 11:45-12:50 pm, MWF, Hum 205, Coon, Max 15

**Span 3688. Seminar: Literature and Gender in Nineteenth-Century Spain. (Hum; 4 cr; prereq 3012, 3112 or instr consent)**
- 34444: 10:30-11:35 am, MWF, Hum 211, Wojtaszek, Max 15

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

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

SSA 1051. Fitness for Life. (2 cr)
32633 Sec 1 10:30-11:35 am MWF (1st half) PEC 250 Seelye Max 25
32634 Sec 2 10:30-11:35 am MWF (2nd half) PEC 250 Torvi Max 25

SSA 1101. First Aid. (1 cr)
32635 12:50-2:30 pm TTh (1st half) PEC 250 Pennie-Roy Max 25

SSA 1219. Strength Training. (1 cr [max 2 cr]; S-N only)
32735 9:15-10:20 am MWF (1st half) PEC 240 Hoffmann Max 20

SSA 1225. Wellness Skills: R.A.D. – Basic and Advanced Self Defense System. (1 cr [max 2 cr]; S-N only)(Women only)
32901 6:00-8:00 pm Thu PEC 240/250 Velde Max 18

SSA 1403. Varsity Cross Country (0.5 cr [max 2 cr]; S-N only)
32388 Sec 1 Women 4:00-6:00 pm (1st half) Krueger
32736 Sec 2 Men 4:00-6:00 pm (1st half) Krueger

SSA 1404. Varsity Football (Men; 0.5 cr [max 2 cr]; S-N only)
32389 4:00-6:00 pm (1st half) Hoffmann

SSA 1405. Varsity Golf (0.5 cr [max 2 cr]; S-N only)
32621 Sec 1 Men 4:00-6:00 pm (1st half) Fohl
32636 Sec 2 Women 4:00-6:00 pm (1st half) Koehler

SSA 1410. Varsity Volleyball (Women; 0.5 cr [max 2 cr]; S-N only)
32390 4:00-6:00 pm (1st half) Torvi

SSA 1411. Varsity Soccer (0.5 cr [max 2 cr]; S-N only)
32600 Sec 1 Men 4:00-6:00 pm (1st half) Turnbull
32722 Sec 2 Women 4:00-6:00 pm (1st half) Magner

SSA 1412. Varsity Swimming and Diving. (Women; 0.5 cr [max 2 cr]; S-N only)
32705 2:00-4:00 pm (2nd half) Molesworth

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

SSA 2102. Human Anatomy. (4 cr; prereq soph)(Same as Biol 2102)
Lec 1 8:00-9:05 am TTh Sci 2950 Hardy
32707 Lab 2 9:15-11:15 am Thu Sci 2110 Hardy Max 5
32708 Lab 3 12:00-2:00 pm Thu Sci 2110 Hardy Max 5

SSA 2111. Kinesiology. (Sci; 2 cr; prereq 2102)
32637 10:30-11:35 am MWF (1st half) PEC 251 Bowman Max 45

SSA 2112. Exercise Physiology. (2 cr)
32639 1:00-2:05 pm MWF (2nd half) PEC 251 Hardy Max 45

SSA 2202. Basketball Coaching. (2 cr)
33075 9:15-10:20 am MWF (2nd half) PEC 251 Grove Max 35

SSA 2203. Football Coaching. (2 cr)
32638 10:00-11:40 am TTh (1st half) PEC 250 Hoffmann Max 35
SSA 2206. Volleyball Coaching. (2 cr)
33379 9:15-10:20 am MWF (1st half) PEC 251 Torvi Max 35

SSA 2302. Introduction to Sport Management. (4 cr; A-F only)
32818 9:50-11:30 am TTh HFA 23 Bryant Max 35

SSA 2403. Sport, Gender, and Sexuality. (SS; 2 cr; prereq GWSS 1101 so SSA 2302)
33380 11:45-12:50 pm MWF (1st half) Sci 4655 Bryant Max 25

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

SSA 3172. Leadership In Sport Organizations. (SS; 2 cr; prereq 2302)
32941 11:45-12:50 pm MWF (2nd half) Hum 205 Bryant Max 30

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

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

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

SSA 4102. Organization and Administration of Athletics and Recreation. (4 cr; prereq 3101)
32672 9:50-11:30 am TTh PEC 251 T. Grove Max 25

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

Return to Table of Contents
### STATISTICS

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>32424 Sec 1</td>
<td>8:00-9:05 am</td>
<td>MWF</td>
<td>Sci 3550</td>
<td>Sungur</td>
<td>40</td>
</tr>
<tr>
<td>32425 Sec 2</td>
<td>10:30-11:35 am</td>
<td>MWF</td>
<td>Sci 3550</td>
<td>Anderson</td>
<td>40</td>
</tr>
<tr>
<td>32426 Sec 3</td>
<td>1:00-2:05 pm</td>
<td>MWF</td>
<td>Sci 3550</td>
<td>Anderson</td>
<td>40</td>
</tr>
<tr>
<td>32774 Sec 4</td>
<td>2:40-4:20 pm</td>
<td>TTh</td>
<td>Sci 3610</td>
<td>Dolan</td>
<td>40</td>
</tr>
</tbody>
</table>

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

Arranged

**Stat 2501. Probability and Stochastic Processes.** (M/SR; 4 cr; prereq Math 1101 or instr consent)(Same as Math 2501)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>32715</td>
<td>2:15-3:20 pm</td>
<td>MWF</td>
<td>Sci 3610</td>
<td>Sungur</td>
<td>15</td>
</tr>
</tbody>
</table>

**Stat 2601. Statistical Methods.** (M/SR; 4 cr; prereq Math 1101 or Math 1021)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>32429</td>
<td>11:45-12:50 pm</td>
<td>MWF</td>
<td>Sci 3550</td>
<td>Sungur</td>
<td>25</td>
</tr>
</tbody>
</table>

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

Arranged

**Stat 3601. Data Analysis.** (M/SR; 4 cr; prereq 1601 or 2601 or 2611 or instr consent)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>32431</td>
<td>9:15-10:20 am</td>
<td>MWF</td>
<td>Sci 3550</td>
<td>Anderson</td>
<td>20</td>
</tr>
</tbody>
</table>

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

Arranged

**Stat 4901. Senior Seminar.** (2 cr; prereq sr; S-N only)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>32655</td>
<td>4:00-6:00 pm</td>
<td>Tue</td>
<td>Sci 3610</td>
<td>Anderson</td>
</tr>
</tbody>
</table>

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

Arranged

[Return to Table of Contents]
THEATRE ARTS

Th 1060. Production Experience. (1 cr [max 8 cr]; prereq instr consent; S-N only)
32514 Sec 1 Arranged Granholm
32963 Sec 2 Arranged Granholm

Th 1070. Performance Experience. (ArtP; 1 cr [max 8 cr]; prereq instr consent; S-N only)
32515 Sec 1 Arranged Granholm
32964 Sec 2 Arranged Granholm

Th 1101. The Theatre Experience: An Introduction. (FA; 4 cr [practicum required two hours per week, selected from M-Th from 2:00-5:00 pm])
32516 11:45-12:50 pm MWF HFA 120 Schultz Max 60

Th 1301. Fundamentals of Design. (ArtP; 4 cr)
32517 9:15-10:20 am MWF HFA 26 Granholm Max 12

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

Th 2112. Drama in the Classroom. (ArtP; 2 cr)
34761 12:50-2:30 pm Thu (2nd half) HFA 125 Bremer Max 16

Th 2212. Interpretation for Performance. (ArtP; 2 cr; no credit for students who received credit for Th 2211)
34760 12:50-2:30 pm Tue (2nd half) HFA 120 Bremer Max 16

Th 2223. The Sounds of Musicals: The History and Literature of Musical Theatre. (FA; 4 cr)
33911 12:50-2:30 pm TTh IH 109 Schultz Max 20

Th 2101. Fundamentals of Directing. (ArtP; 4 cr; prereq 1111, theatre arts major or minor or instr consent)
32839 9:50-11:30 am TTh HFA 125 Bremer Max 16

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

Th 3101. World Theatre: History and Literature I. (FA; 4 cr)
32518 2:15-3:20 am MWF HFA 6 Schultz Max 20

Th 3303. Computer-Assisted Drawing. (ArtP; 4 cr)
33245 1:00-2:05 pm MWF HFA 26 Granholm Max 12

Th 3305. Stage Make-Up. (ArtP; 4 cr)
33244 10:30-1:30 pm Wed HFA 25 Bremer Max 15

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

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

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

Return to Table of Contents