**HOW TO USE THIS SCHEDULE**

**Class Number**—This five-digit number appears to the left of each course or each section of a course. You must use this number when you register.

**Prerequisites**—In order to register in some courses, you must either complete or concurrently enroll in certain other course or possess some particular qualifications or class standing. These requirements, known as prerequisites, are listed inside the parentheses after the course titles. If no prerequisites are listed, there are none, except for the class standing requirement indicated by the course number. Students attempting to register in courses for which the prerequisites have not been met must obtain a permission number from the appropriate instructor and/or department.

Class standing requirements, unless otherwise noted, are indicated by course numbers as follow:

0xxx Courses that do not carry credit toward any University degree.
1xxx Courses primarily for undergraduate students in their first year of study.
2xxx Courses primarily for undergraduate students in their second year of study.
3xxx Courses primarily for undergraduate students in their third year of study.
4xxx Courses primarily for undergraduate students in their fourth year of study. 4xxx courses can be applied to a Graduate School degree with approval by the student’s major field and if taught by a member of the graduate faculty or an individual authorized by the program to teach at the graduate level.
5xxx Courses primarily for graduate students; undergraduates in their third or fourth year may enroll in such courses.
6xxx Courses for post-baccalaureate students in professional degree programs.
7xxx Courses for post-baccalaureate students in professional degree programs. 6xxx and 7xxx courses are to be used primarily for post-baccalaureate professional programs that are not offered through the Graduate School.
8xxx Courses for graduate students.

When courses that must be taken in sequence are prerequisites, only the last course of the sequence is listed. When no departmental designation precedes the course number listed as a prerequisite (e.g., “prereq 3221”), that course is in the same department as the course being offered. Likewise, a prerequisite reading “6 cr” means 6 credits in courses offered by the same department. See your college or department for further information.

Departments and colleges may use the registration system to help place certain categories of qualified students into courses or sections on a priority basis (seniors, majors, etc.). If you meet all stated prerequisites for the course, including class standing, you may also need to meet other qualifications established at the time of registration. For this reason, it is helpful to think about first and second course choices.

**Class Standing**—Your semester class standing is determined by the number of credits you have completed:

- Freshman .................. 1-29 credits
- Sophomore .................. 30-59 credits
- Junior .................. 60-89 credits
- Senior .................. 90 or more credits

Each quarter credit is worth 2/3 of a semester credit. For example, if you have 60 quarter credits, they translate to 40 semester credits; 80 quarter credits = 53.33 semester credits; 100 quarter credits = 66.67 semester credits; and 140 quarter credits = 93.33 semester credits. Your adviser can help you stay on track for semesters.

**Section Abbreviations**—Sections of a course have abbreviations that indicate, in a general manner, the format of the course or section.

- DIS .................................................. Discussion
- DRD .................................................. Directed Reading
- DRS .................................................. Directed Research
- DST .................................................. Directed Study
- INI .................................................. Individualized Instruction
- IND .................................................. Independent Study
- IEX .................................................. Intern/Externship
- LAB .................................................. Laboratory
- LEC .................................................. Lecture
- LET .................................................. Lecture only (without LAB or DIS sections)
- PHY .................................................. Physical Education
- PRC .................................................. Practicum
- REH .................................................. Rehearsal
- SEM .................................................. Seminar
- STU .................................................. Studio
- THE .................................................. Thesis Credit
- WKS .................................................. Workshop

**Liberal Education Program (LEP)**—Courses which meet the Liberal Education Program requirements are identified with the following abbreviations in the prerequisites:

- Liberal Education (LE)—Courses emphasizing the 10 categories of liberal education.
- Cultural Diversity (LECD)—Courses emphasizing cultural diversity (CD) in the United States.
- International Perspective (LEIP)—Courses emphasizing an international perspective (IP) in today’s world.

**No Time or Place**—When hours and days or the place of meeting are missing, consult the instructor or department offering the course.
Choice of Classes—When class numbers and section numbers precede the hours and days listed you may choose the section in which you wish to enroll (see the first example below). Many courses have a choice of laboratory or discussion sections, but only a single lecture section, in which all students taking the course are automatically registered. This lecture section will have no class number before it, signifying an automatic registration (see example 2, below). If laboratory or discussion sections are distributed under different lecture hour headings (as in example 3, below), then your choice of laboratory or discussion hours determines in which lecture you are automatically registered.

Example 1
31533 001 LEC, 08:00am-09:40am TThS
11533 002 LEC, 09:00am-10:05am MWF
12533 003 LEC, 12:00pm-01:40pm TThS

Example 2
81533 002 LAB, 12:00pm-01:40pm M
61533 003 LAB, 12:00pm-01:40pm W

Example 3
001 LEC, 10:15am-11:20am MWF
41533 002 LAB, 10:00am-11:40am T
21533 003 LAB, 10:00am-11:40am Th
004 LEC, 11:00am-12:40am Th
11533 005 LAB, 02:00pm-03:40pm T
64574 006 LAB, 02:00pm-03:40pm Th
81600 007 LET, 09:00am-09:50am MWF (stand-alone lecture without lab for courses which usually have a lab)

Grading Option—If either ‘A-F only’ or ‘S-N only’ is printed in the prerequisite statement for a course, you must register in that grading system. If no grading system is listed, you may often register in either A-F or S-N grading. For information on courses offered for S-N grading and any degree or semester limits on credits taken under this system, consult both your own college office and the college offering the course. You may not change your grading option after the second week of classes.

Course Changes—See under “Registration Information>Class Schedule>Online Version” on the Web at http://www.d.umn.edu/courseinfo/ for the most current and accurate information.
ACCOUNTING (Acct)
Labovitz School of Business & Economics
2001 Principles of Financial Accounting
(A-F; preq Min 15 cr or college consent)
30485 001 LEC, 08:00am-08:50am MWF, LSBE 125; Salmela, Karen Ellen, 3 cr
28263 002 LEC, 08:00am-08:50am MWF, LSBE 125; (Non-LSBE Students); Meets with: 28263 ACCT 2001; Salmela, Karen Ellen, 3 cr
30484 001 LEC, 09:00am-09:50am MWF, LSBE 125; Salmela, Karen Ellen, 3 cr
30494 002 LEC, 08:00am-09:15am TTh, LSBE 135; (Non-LSBE Accounting minors); Meets with: 29248 ACCT 3102; ; 3 cr
3201 Cost Accounting
(A-F; preq LSBE cand or non-LSBE acct minor or college consent)
29067 001 LEC, 08:00am-08:50am MWF, LSBE 229; (LSBE candidates); Meets with: 29066 ACCT 3201; Brannan PhD, Rodger L, 3 cr
29066 002 LEC, 08:00am-08:50am MWF, LSBE 229; (Non-LSBE Accounting majors); Meets with: 29067 ACCT 3201; Brannan PhD, Rodger L, 3 cr
31320 003 LEC, 09:00am-09:50am MWF, LSBE 229; (Non-LSBE Accounting majors); Meets with: 29244 ACCT 3201; Brannan PhD, Rodger L, 3 cr
3301 Accounting Information Systems
(A-F; preq LSBE cand or non-LSBE acct minor or college consent; credit will not be granted if already received for 3110.)
28442 011, 10:00am-11:50am MWF, LSBE 237; Hsiao, Daniel, 3 cr
28433 002, 10:00am-11:50am MWF, LSBE 237; (Non-LSBE Accounting majors); Meets with: 28444 ACCT 3301; Brannan PhD, Rodger L, 3 cr
3401 Individual Income Taxation
(A-F only; meets LE req of LE CAT7; meets American Studies 2101; Meets with: 2101 ACCT 3401;  , 3 cr
29088 001 LEC, 08:00am-08:50am MWF, LSBE 229; (LSBE candidates); Meets with: 29087 ACCT 3401; ; 3 cr
29089 002 LEC, 08:00am-08:50am MWF, LSBE 229; (Non-LSBE Accounting majors); Meets with: 29088 ACCT 3401; ; 3 cr
31305 003 LEC, 08:45am-09:50am MWF, LSBE 125; (Non-LSBE Accounting majors); Meets with: 31305 ACCT 3401; Skalberg, Randy, 3 cr
31304 002 LEC, 09:00am-10:05am MWF, LSBE 125; (Non-LSBE Accounting majors); Meets with: 31304 ACCT 3401; Skalberg, Randy, 3 cr
3402 Advanced Business Taxation
(A-F; preq 3401, LSBE cand or college consent; credit will not be granted if already received for 3151.)
28403 001 LEC, 10:00am-11:50am MWF, LSBE 229; Skalberg, Randy, 3 cr
3701 Small Business Initiative in Accounting
(max crs 2; 2 repeats allowed; S-N only; preq 3001, 3101, LSBE cand or instr consent)
31309 001 IEX, 03:00pm-05:00pm TTh, LSBE 155; Erickson, Loren L, 1 cr
3796 Internship in Accounting
(max crs 6; 3 repeats allowed; S-N only; preq 3101, dept consent; repeatable for a max of 6 credits; 3 repeats allowed; max 3 cr or may be applied to acct electives; may take ACCT 3196 and 3796 for a total of 6 credits.)
28561 001 IEX, Roline, Alan C, 2-6 cr
4101 Auditing
(A-F; preq 3102, 3110, LSBE cand or college consent; no Grad School credit; credit will not be granted if already received for 4160.)
32163 001 LEC, 04:00pm-05:15pm MWF, LSBE 233; Skalberg, Randy, 3 cr
4600 Employee Benefit and Retirement Planning
(A-F only; preq Acct 3401 in LSBE candidate, no grad school credit)
32166 001 LEC, 09:00am-09:50am MWF, LSBE 233; Skalberg, Randy, 3 cr

AEROSPACE STUDIES (Air)
Swenson College of Science & Engineering
100 AFROTC GMC Leadership Laboratory
(S-N only)
29162 001 LAB, 06:15am-07:45am W, Room TBA; In addition to normal lead lab activities, you must attend a minimum of two PT sessions per week (0615-0715 days TBD); Kolch, Kurt M, Jaros, Jason D, 1 cr

AFROTC GMC Lead Lab
(max crs 4; 4 repeats allowed; S-N only)
30249 001 LAB, 06:15am-07:45am W, Room TBA; In addition to normal lead lab activities, you must attend a minimum of two PT sessions per week (0615-0715 days TBD); Kolch, Kurt M, Jaros, Jason D, 1 cr

1101 Foundations of the U.S. Air Force (A-F only)
28975 001 LEC, 07:00am-07:50am T, DAdB 16A; Hollis, Colleen Joy; Kolch, Kurt M, Jaros, Jason D, 1 cr

1591 Leadership Practicum
(max crs 4; 4 repeats allowed; A-F only)
28107 001 PRC; Instructor approval required.; Kolch, Kurt M, Jaros, Jason D, 1-4 cr

2101 The Evolution of the U.S. Air Force and Space Power (A-F only)
28907 001 LEC, 07:00am-07:50am T, DAdB 16A; Kolch, Kurt M, Jaros, Jason D, 1 cr

AFROTC POC Leadership Laboratory
(max crs 4; 4 repeats allowed; S-N only)
29167 001 LAB, 06:15am-07:45am W, Room TBA; In addition to normal lead lab activities, you must attend a minimum of two PT sessions per week (0615-0715 days TBD); Kolch, Kurt M, Jaros, Jason D, 1 cr

AFROTC POC Lead Lab
(max crs 8; 8 repeats allowed; S-N only)
30250 001 LAB, 06:15am-07:45am W, Room TBA; In addition to normal lead lab activities, you must attend a minimum of two PT sessions per week (0615-0715 days TBD); Kolch, Kurt M, Jaros, Jason D, 1 cr

3101 Air Force Leadership Studies (A-F only)
28120 001 LEC, 04:00pm-05:50pm W, DAdB 16A; Kolch, Kurt M, Jaros, Jason D, 3 cr

3991 Leadership Practicum
(max crs 4; 4 repeats allowed; A-F only)
28117 001 PRC; Instructor approval required.; Kolch, Kurt M, Jaros, Jason D, 1-4 cr

4101 National Security Affairs, Preparation for Active Duty (A-F only; preq No Grad School cr)
28121 001 LEC, 05:00pm-07:50pm M, DAdB 16A; Kolch, Kurt M, Jaros, Jason D, 3 cr

AFRICAN AND AFRICAN AMERICAN STUDIES (AAAS)
College of Liberal Arts
1100 Introduction to African and African American Studies (A-F only; meets LE req of LE CAT7; meets LEC req of LECAD CAT07)
31784 001 LEC, 09:00am-09:50am TTh, Kphi 385; Mveti PhD, Chang’aa, 4 cr

AMERICAN INDIAN STUDIES (AmInd)
College of Liberal Arts
1010 American Indian Experience to 1900 (A-F only; preq Credit will not be granted if already received for 1110.; meets LEC req of LECAD CAT07)
31550 001 LEC, 10:00am-10:50am MW, Cina 202; meets CD req of Cultural Diversity.; 3 cr
31510 002 LEC, 11:00am-11:50am TTh, MWF, Cina 308; meets CD req of Cultural Diversity.; 3 cr
### American Sign Language (ASL) College of Education & Human Service Professions

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>3030</td>
<td>Intermediate American Sign Language I (A-F only; prereq 2002 or instr consent; credit will not be granted if already received for CSD 5003)</td>
<td>001 LEC, 09:00am-09:50am MWF, SBE 51; 1 seat reserved for Continuing Education; 3 cr</td>
<td>29680</td>
<td>Intermediate American Sign Language I (A-F only; prereq 2002 or instr consent; credit will not be granted if already received for CSD 5003)</td>
</tr>
<tr>
<td>3031</td>
<td>Intermediate American Sign Language II (A-F only; prereq 2003 or instr consent; credit will not be granted if already received for CSD 5004)</td>
<td>001 LEC, 01:00pm-01:50pm MWF, Cina 106; 3 cr</td>
<td>32526</td>
<td>Intermediate American Sign Language II (A-F only; prereq 2003 or instr consent; credit will not be granted if already received for CSD 5004)</td>
</tr>
<tr>
<td>4005</td>
<td>Advanced American Sign Language (A-F only; prereq 3004 or instr consent; no Grad School cr)</td>
<td>001 LEC, 03:00pm-03:50pm MWF, Cina 106; 3 cr</td>
<td>29194</td>
<td>Advanced American Sign Language (A-F only; prereq 3004 or instr consent; no Grad School cr)</td>
</tr>
<tr>
<td>4236</td>
<td>American Sign Language Skill Building Workshop (A-F only; prereq 2002 or instr consent; no Grad School cr)</td>
<td>001 LEC, 04:00pm-04:50pm M, Cina 106; 1 cr</td>
<td>30792</td>
<td>American Sign Language Skill Building Workshop (A-F only; prereq 2002 or instr consent; no Grad School cr)</td>
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</table>

#### ANTHROPOLOGY (Anth) College of Liberal Arts

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Instructor</th>
<th>Credits</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1601</td>
<td>Freshman Seminar: Prehistoric Cultures (Credit will not be granted if credit has been received for ANTH 1602; A-F only; prereq Freshman, fewer than 30 cr; meets LEIP req of LEIP CAT07)</td>
<td>001 SEM, 12:00pm-01:50pm TTh, Cina 214; Roufs, Tim 4 cr</td>
<td>30180</td>
<td>Freshman Seminar: Prehistoric Cultures (Credit will not be granted if credit has been received for ANTH 1602; A-F only; prereq Freshman, fewer than 30 cr; meets LEIP req of LEIP CAT07)</td>
</tr>
<tr>
<td>1602</td>
<td>Prehistoric Cultures (Credit will not be granted if credit has been received for ANTH 1602; A-F only; prereq LEIP req of LEIP CAT07)</td>
<td>001 LEC, 09:00am-10:40am TTh, Chem 200; Kuhlke, Kari Lynne, 4 cr</td>
<td>28053</td>
<td>Prehistoric Cultures (Credit will not be granted if credit has been received for ANTH 1602; A-F only; prereq LEIP req of LEIP CAT07)</td>
</tr>
<tr>
<td>1604</td>
<td>Cultural Anthropology (A-F only; meets LEIP req of LEIP CAT06)</td>
<td>001 LEC, 11:00am-12:50pm TTh, MonH 80; Syring PhD, David, 4 cr</td>
<td>28054</td>
<td>Cultural Anthropology (A-F only; meets LEIP req of LEIP CAT06)</td>
</tr>
<tr>
<td>1612</td>
<td>Introduction to Archaeology (A-F only; meets LE req of LE CAT6)</td>
<td>001 LEC, 10:00am-11:50am MW, Cina 214; Jones, Jennifer Elaine, 4 cr</td>
<td>31368</td>
<td>Introduction to Archaeology (A-F only; meets LE req of LE CAT6)</td>
</tr>
<tr>
<td>1618</td>
<td>Ancient Middle America (A-F only; prereq 1604, min 30 cr)</td>
<td>001 LEC, 02:00pm-03:15pm TTh, Cina 214; Roufs, Tim, 3 cr</td>
<td>30309</td>
<td>Ancient Middle America (A-F only; prereq 1604, min 30 cr)</td>
</tr>
<tr>
<td>3603</td>
<td>Peoples and Cultures of the Middle East (A-F only; prereq 1604, min 30 cr or instr consent)</td>
<td>001 LEC, 04:00pm-05:15pm MWF, Cina 214; Jones, Jennifer Elaine, 3 cr</td>
<td>32083</td>
<td>Peoples and Cultures of the Middle East (A-F only; prereq 1604, min 30 cr or instr consent)</td>
</tr>
</tbody>
</table>

#### ART (Art) School of Fine Arts

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>902</td>
<td>Studio Art Portfolio Review (S-N; prereq 15 cr in art courses, pre-studio art major or dept consent)</td>
<td>001 STU; Repinski, Robert A, 0 cr</td>
<td>30065</td>
<td>Studio Art Portfolio Review (S-N; prereq 15 cr in art courses, pre-studio art major or dept consent)</td>
</tr>
<tr>
<td>903</td>
<td>Art Education Portfolio Review (S-N only; prereq: repeatable one time, 9 cr in art courses, pre-art ed major or dept consent)</td>
<td>001 IEX; Jones, Jennifer Elaine, 2-6 cr</td>
<td>29178</td>
<td>Art Education Portfolio Review (S-N only; prereq: repeatable one time, 9 cr in art courses, pre-art ed major or dept consent)</td>
</tr>
<tr>
<td>999</td>
<td>Honors Project (max cr: 4; A-F only; prereq: 1604, instr consent; no Grad School cr; meets HON req of Honors)</td>
<td>001 DIS; Dietrich, Jennifer Lee, 0 cr</td>
<td>28679</td>
<td>Honors Project (max cr: 4; A-F only; prereq: 1604, instr consent; no Grad School cr; meets HON req of Honors)</td>
</tr>
</tbody>
</table>

#### Continuing Education

- **ART**
  - **School of Fine Arts**
    - **Studio Art Portfolio Review**
      - **Art Education Portfolio Review**
        - **Honors Project**
          - **Teaching Assistantship in Anthropology**

- **American Sign Language (ASL)**
  - **College of Education & Human Service Professions**
    - **Beginning American Sign Language I (A-F only; prereq 300 credits; Credit will not be granted if already received for CSD 2001; meets LECQ req of LECQ CAT03)**
      - **Intermediate American Sign Language I (A-F only; prereq 2002 or instr consent)**
        - **Intermediate American Sign Language II (A-F only; prereq 300 credits; Credit will not be granted if already received for CSD 2002; meets LECQ req of LECQ CAT03)**

This information is accurate as of: 2/22/2011
3D Digital Studio I (Credit will not be granted if credit has been received for: ART 1014; A-F only; prereq 1013 and either art or art ed major or pre-graphic design major, or art minor or architecture and design studies minor or instr consent; credit will not be granted if already received for 3024)

2016 Digital Arts: Mixed-Media Studio (max crs 6; A-F only; prereq 1014, art or art ed major, pre-art educ major or pre-graphic design major, or art or photography minor or instr consent; credit will not be granted if already received for 3014)

28136 1001 LEC, 10:00am-11:55am MW, Library 118; Rock, Joelyn Jean, 3
29164 002 LEC, 12:00pm-01:55pm MW, Library 118; Rock, Joelyn Jean, 3

2030 Digital Arts: Time-based Media (max crs 6; A-F only; prereq 1013, 2016, art or art ed major, pre-art educ major or pre-graphic design major, or art or photography minor or instr consent; credit will not be granted if already received for 3021)

30798 001 LAB, 10:00am-11:55am MW, SSB 216; Suh, Eun-Kyung, 3

2100 Painting I (A-F only; prereq 1006 or 1009 or 1010, art or art ed major or art minor or instr consent; credit will not be granted if already received for 1006)

28166 1001 LEC, 10:00am-11:55am TTh, H 318; Hunt, Betsy Janelle, 3
29047 002 LEC, 02:00pm-03:55pm TTh, Library 118; Hunt, Betsy Janelle, 3

2200 Sculpture I (A-F only; prereq 1015 or 1012, art or art ed major or art minor or instr consent; credit will not be granted if already received for 1200)

28143 001 LEC, 06:00pm-09:55pm TTh, ABAH 145; Bowen, David W., 3

2200 Printmaking I: Intaglio, Relief (Credit will not be granted if credit has been received for: ART 2302; A-F only; prereq 1006 or 1009 or 1010, art or art ed major or art minor or instr consent; credit will not be granted if already received for 1100)

29628 001 LEC, 10:00am-11:55am TTh, H 331; Repinski, Robert A., 3

2400 Ceramics I (A-F only; prereq 1012, art or art ed major or art minor or instr consent; credit will not be granted if already received for 1400)

28157 001 LEC, 12:00pm-01:55pm TTh, ABAH 155; James, Elizabeth J., 3

2500 Jewelry and Metals I (A-F only; prereq 1011 or 1013, art or art ed major or art minor or instr consent; credit will not be granted if already received for 1500)

31365 090 LEC, 06:00pm-09:55pm M, Cina 16; (Open CE Reserve seats will be available to UMD students 08/30/11; 2 seats reserved for Continuing Education; Brush, Gloria Delfilipps, 3 cr

2600 Photography I (Credit will not be granted if credit has been received for: ART 1605, ART 1606, ART 1607; A-F only; prereq 1006, art or art ed major or art minor or instr consent; credit will not be granted if already received for 1605)

28200 1001 LEC, 10:00am-11:55am MW, Cina 16; peary, wanda j., 3 cr
29026 002 LEC, 12:00pm-01:55pm TTh, Cina 16; Pless, Kristen Marie, 3 cr

2610 Art in Elementary Education (A-F only; prereq pre-EIEd major; meets LE req of LE CAT 10)

31337 001 STU, 10:00am-11:55am MW, H 316; Aune, Alison Judith, 3 cr
31338 002 STU, 10:00am-11:55am TTh, H 316; Aune, Alison Judith, 3 cr
31339 003 STU, 12:00pm-01:55pm TTh, H 316; Aune, Alison Judith, 3 cr

28321 001 LEC, 02:00pm-03:55pm MW, VKH 131; (max crs 6; A-F only; prereq 1010, art or art ed major, pre-art educ major or pre-graphic design major, or art minor or instr consent; credit will not be granted if already received for 3014)

2017 Printmaking I: Intaglio, Relief (Credit will not be granted if credit has been received for: ART 2302; A-F only; prereq 1006 or 1009 or 1010, art or art ed major or art minor or instr consent; credit will not be granted if already received for 1100)

29047 002 LEC, 02:00pm-03:55pm TTh, Library 118; Hunt, Betsy Janelle, 3

3010 Painting I (max crs 9.3 repeats allowed; A-F only; prereq 2100, art or art ed major, pre-art educ major or pre-graphic design major, or art minor or instr consent; max 9 cr)

31738 1001 LEC, 10:00am-11:55am MW, H 318; Meets with: 29643 ART 4100; Dietrich, Jennifer Lee, 3 cr

3200 Sculpture II (max crs 9; A-F only; prereq 2200, art or art ed major or art minor or instr consent)

30337 001 LEC, 06:00pm-09:55pm MW, Library 118; Hunt, Betsy Janelle, 3 cr

3200 Digital Media: Installation and Collaborative Media (max crs 6; A-F only; prereq 2000, art or art ed major, pre-art educ major or pre-graphic design major, or art minor or instr consent; credit will not be granted if already received for 3010)

30798 001 LAB, 10:00am-11:55am MW, SSB 216; Suh, Eun-Kyung, 3

3300 Ceramics II (max crs 6; A-F only; 2400 or instr consent; 2400 or instr consent)

28159 001 LEC, 06:00pm-09:55pm TTh, ABAH 155; Meets with: 28160 ART 4400; Klueg, James, 3 cr

3425 Ceramics II Wheel Throwing (A-F only; prereq 2400, art or art ed major or art minor or instr consent)

29027 001 LEC, 06:00pm-09:55pm MW, ABAH 155; James, Elizabeth J., 3 cr

3500 Jewelry and Metals II (max crs 6; A-F only; prereq 2500, art or art ed major or art minor or instr consent)

31738 090 LEC, 06:00pm-09:50pm W, ABAH 135; Meets with: 31365 ART 2500; Suh, Eun-Kyung, 3 cr

3600 Photography: Alternative Processes (A-F only; prereq 1013, 1607 or 2600, Art major or Art Or Photography Minor or instr consent)

28221 001 LEC, 06:00pm-09:55pm TTh, Cina 16; peary, wanda j., 3 cr
29026 002 LEC, 02:00pm-05:55pm TTh, Cina 16; peary, wanda j., 3 cr

3700 Drawing I (max crs 6; A-F only; prereq 1006 or 1009 or 1010, art or art ed major, pre-art educ major or pre-graphic design major, or art minor or instr consent)

30798 001 LAB, 10:00am-11:55am MW, ABAH 325; Christine, Jayme, 3 cr
30805 002 LAB, 10:00am-11:55am MW, ABAH 325; Christine, Jayme, 3 cr
430 Painting III (max crs 9; 3 repeats allowed; A-F only; prereq 3100, art or art ed major or art minor or instr consent; no Grad School cr)
29643 001 LEC, 10:00-11:55am MW, ABAH 115; Meets with: 28168 ART 3100; Dietrich, Jennifer Lee, 3 cr
439 Individual Study in Printmaking (max crs 9; repeats allowed; A-F only; prereq 2 sem ceramics, instr consent; no Grad School cr)
30338 001 LEC, 02:00-03:55pm MW, ABAH 145; Meets with: 30337 ART 3200; Bowen, David W., 3 cr
439 Individual Study in Printmaking (max crs 9; repeats allowed; A-F only; prereq 2 sem ceramics, instr consent; no Grad School cr)
31895 001 IND, Repinski, Robert A., 1-3 cr
4400 Ceramics III (max crs 6; A-F only; prereq 3400, art or art ed major or art minor or instr consent; no Grad School cr)
28160 001 LEC, 02:00-03:55pm TTh, ABAH 115; Meets with: 28159 ART 3400; Klueg, James, 3 cr
449 Individual Study in Ceramics (max crs 9; repeats allowed; A-F only; prereq 2 sem ceramics, instr consent; no Grad School cr)
28344 001 IND; Klueg, James, 1-3 cr
30720 002 IND; James, Elizabeth J., 1-3 cr
4600 Photography: Digital Portfolio (max crs 9; repeats allowed; A-F only; prereq 1900, 1607 or 2600, art major or art or photography minor or instr consent)
28202 001 LEC, 02:00-03:55pm MW, Cina 16; Brush, Gloria DeFilippis, 3 cr
4650 Photography IV: Alternative Processes Portfolio (max crs 6; A-F; prereq 4600, art or art ed major or art or photography minor or instr consent)
30318 001 STU, 10:00-11:55am TTh, Cina 16; peary, wanda_j., 3 cr
4691 Individual Study in Photography (max crs 9; repeats allowed; A-F only; prereq 2 semesters of photographic study)
28343 001 IND; Brush, Gloria DeFilippis, 1-3 cr
4700 Drawing III (max crs 6; A-F; prereq 3700, art or art ed major or art or photography minor or instr consent)
30767 001 LEC, 02:00-03:55pm TTh, ABAH 1235; Repinski, Robert A., 3 cr
4812 Senior Seminar (A-F only; prereq Sr or instr consent; no Grad School cr)
29424 001 SEM, 12:00-01:15pm MW, Cina 16; Brush, Gloria DeFilippis, 3 cr
29583 002 SEM, 12:00-01:15pm TTh, ABAH 345; Dietrich, Jennifer Lee, 3 cr
30782 003 SEM, 02:00pm-03:15pm TTh, ABAH 345; Dietrich, Jennifer Lee, 3 cr
31707 004 SEM, 05:00pm-07:00pm W, Cina 16; Brush, Gloria DeFilippis, 3 cr
4813 Senior Seminar II: Studio Practice (A-F only; prereq 4812, Sr or instr consent, studio art-general major; no Grad School cr)
30613 001 LEC, 02:00-03:15pm MW, ABAH 345; Dietrich, Jennifer Lee, 3 cr
4859 Senior Presentation/Exhibition (A-F only; prereq Sr art major, instr consent; no Grad School cr)
28335 001 STU; Klueg, James, 1 cr
4900 Art Education Student Teaching Seminar (A-F only; prereq art ed major and registration required is (or allowed) in Educ 4550, EdSo 4650, Eded 4650; no Grad School cr)
29079 001 LEC, 04:00pm-05:00pm TTh, H 331; Aune, Allison Judith, 1 cr
4907 Motion Graphics (A-F only; prereq 2911 and graphic design major, or digital art and photography emphasis or Grad Student, or instr consent; credit will not be granted if already received for 5907)
28309 001 LEC, 08:00am-09:55am W, Library 119; Gordon, Jennifer Ann, 3 cr
29165 002 LEC, 12:00-01:55pm TTh, Library 119; Gordon, Jennifer Ann, 3 cr
30019 003 LEC, 04:00-05:00pm TTh, Library 119; Gordon, Jennifer Ann, 3 cr
4908 Interactive Design II (max crs 6; A-F only; prereq 4908, graphic design major, or digital art and photography emphasis or Grad Student, or instr consent; credit will not be granted if already received for 5908)
30253 001 LAB, 10:00am-11:55am TTh, Library 118; Waisman, Mariana Marta, 3 cr
30254 002 LAB, 02:00-03:55pm TTh, Library 119; Waisman, Mariana Marta, 3 cr
30255 500 LAB; Edel, Miranda Elizabeth, 3 cr
4902 Senior Design Studio I (CREDIT will not be granted if credit has been received for ART 4693; max crs 6; A-F; prereq 3933 or instr consent; no Grad School cr)
29200 001 SEM, 10:00am-11:55am MW, ABAH 335; Lehman, Victoria Dahlstrom, 3 cr
29300 002 SEM, 05:00pm-08:50pm W, ABAH 335; Gordon, Jennifer Ann, 3 cr
30480 003 SEM, 12:00-01:55pm TTh, ABAH 335; Kmetz, Janice D, 3 cr
4933 Senior Design Studio II (max crs 6; A-F only; prereq 4922 or instr consent, no Grad School cr)
30614 001 SEM, 02:00-03:55pm TTh, ABAH 335; Wittig, Rob, 3 cr
5991 Independent Study in Graphic Design (max crs 9; 9 repeats allowed; A-F only; prereq 2 sem work in graphic design and graphic design major and instr consent)
28698 001 IND; Kmetz, Janice D, 1-3 cr
30296 002 IND; Waisman, Mariana Marta, 1-3 cr
30698 003 IND; Bardolphe, Steve, 1-3 cr
30807 004 IND; Koch, Beth E, 1-3 cr
5997 Art Museum Internship (max crs 12, 4 repeats allowed; A-F only; prereq 1001, 5 cr; ArtH 1 cr, 1 cr each of 45 hrs of work; no Grad School cr, instr consent)
29630 001 IEX; Hudec, Susan Marie; Spooner, Peter, 1-3 cr
5999 Special Projects in Design (max crs 6; A-F only; Graphic design major or Grad Student; instr consent)
31743 001 STU; Kmetz, Janice D, 3 cr
31744 002 STU; Waisman, Mariana Marta, 3 cr
31745 003 STU; Bardolphe, Steve, 3 cr
31746 004 STU; Koch, Beth E, 3 cr
8901 Graduate Seminar (max crs 16; 4 repeats allowed; A-F only; prereq Concurrent registration is required (or allowed) for 8890)
28716 001 SEM; Koch, Beth E, 4 cr

This information is accurate as of: 2/22/2011
University of Minnesota - Class Schedule for Duluth Campus

Fall 2011

BEHAVIORAL SCIENCES (BhSc)

Duluth School of Medicine

5491 Problems in Medical Behavioral Sciences
(max crs 6; A-F only; prereq Med or upper div or Grad Student, instr consent; max 6 cr to Grad School program)

29650 001 IND; Howard PhD, LP, Jane, 1-6 cr

6200 Behavioral Medicine (P-N; prereq Regis med student)

29785 001 LEC; Ab'si, Mustafa N, 1 cr

BIOCHEMISTRY AND MOLECULAR BIOLOGY (MdBc)

Duluth School of Medicine

3194 Biochemistry Undergraduate Research
(max crs 3; S-N only; prereq instr consent)

31580 001 DRS; 27.6011-08.0112; Prohaska, Joseph R; Drees, Lester R, 1-3 cr

5201 Topics in Biochemistry (A-F only; prereq Chem 3322 or Chem 3431 or instr consent)

29285 001 LEC; Prohaska, Joseph R; Drees, Lester R, 3 cr

8151 Biochemistry Seminar (max crs 4; repeated allowed; S-N only; prereq Biochem or Chem Graduate Student or instr consent)

29670 001 SEM, 04:00pm-05:00pm Th, Room TBA; Drees, Lester R; Skildum, Andrew John, 1-3 cr

8294 Current Research Techniques (max crs 4; repeated allowed; S-N only; prereq Biochem or Chem Graduate Student or instr consent)

28653 001 DRS; Drees, Lester R, 1-3 cr

8333 FTE: Master's (NGA; prereq Masters student, adviser and DGS consent)

28946 001 DRS; Drees, Lester R, 1 cr

8444 FTE: Doctoral (NGA; prereq Doctoral student, adviser and DGS consent)

28955 001 DRS; Drees, Lester R, 1 cr

8066 Doctoral Pre-Thesis Credits (max crs 12; NGA; prereq Max 6 cr per semester or summer; doctoral student who has not passed prelim oral; no required consent for the first two registrations up to 12 cr; departmental consent for the third and fourth registrations up to an additional 12 cr, or 24 cr total for doctoral students admitted prior to summer 2007 and beyond; doctoral students admitted prior to summer 2007 may register up to 4 times totaling 60 cr)

28986 001 THE, Drees, Lester R, 1-6 cr

8777 Thesis Credits: Master's (max crs 50; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 10 cr total required [Plan A only])

28985 001 THE, Drees, Lester R, 1-18 cr

8868 Thesis Credits: Doctoral (max crs 100; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 24 cr total required)

28982 001 THE; Drees, Lester R, 1-24 cr

BIOLOGY (Biol)

Swenson College of Science & Engineering

1001 Biology and Society (A-F only; prereq For nonmajors; meets LE req of LE CAT4)

28017 001 LEC, 09:00am-10:50am Th, LSci 354, 4 cr

28024 001 LAB, 11:00am-12:50pm T, LSci 354, 4 cr

1011 General Biology I (A-F only; prereq 1 yr high school Chem or 1 sem college Chem, SCSE student, or student in exercise science or athletic training or teaching life science or teaching earth and space science or teaching physical science or environmental studies or recreation-outdoor education or B.A. majors in biology or chemistry or geology; meets LE req of LE CAT4)

28032 001 LEC, 09:00am-10:50am Th, LSci 354, 4 cr

28033 001 LAB, 11:00am-12:50pm W, LSci 354, 4 cr

28034 001 LAB, 09:00am-10:50am F, LSci 354, 4 cr

2101 Cell Biology (A-F only; prereq 1011, 1012, (Chem 1152 or Chem 1162), (Chem 2521 or Chem 2541), (2102 can be taken concurrently or in a later semester))

30185 001 LEC, 09:00am-09:50am MF, LSci 185, Stevenson, Shannon Lea, 3 cr

2102 Cell Biology Laboratory (A-F only; prereq 1011, 1012, (2101 or Concurrent registration is required (or allowed) in 2101), (Chem 2521 or Chem 2541) or instr consent)

30211 001 LAB, 09:00am-12:50pm T, SSTB 103, 2 cr

30378 003 LAB, 05:00pm-08:50pm T, SSTB 103, 2 cr

30379 004 LAB, 01:00pm-04:50pm T, SSTB 103, 2 cr

2201 Genetics (A-F only; prereq 1012)

28387 001 LEC, 09:00am-09:50am MF, LSci 175; Hedman, Stephen C, 3 cr

2202 Genetics Laboratory (A-F; prereq 1011, 2201 (concurrent registration is allowed for 2011))

30192 002 LAB, 01:00pm-04:50pm T, SSTB 212, 2 cr

30197 003 LAB, 05:00pm-08:50pm T, SSTB 212, 2 cr

30092 003 LAB, 09:00am-12:50pm T, SSTB 212, 2 cr

2769 Human Anatomy (A-F only; prereq 1011; credit will not be granted if already received for 1761)

28346 002 LAB, 10:00am-11:00am MW, LSci 326, 4 cr

28347 001 LAB, 01:00pm-02:30pm MW, LSci 326, 4 cr

28348 004 LAB, 09:00am-10:30am TTh, LSci 326, Shannon, Lyle John, 3 cr

28349 005 LAB, 12:00pm-01:30pm TTh, LSci 326, 3 cr

30086 006 LAB, 03:30pm-05:00pm MW, LSci 326, 3 cr

2801 General Ecology (A-F only; prereq 1012 or instr consent)

28388 001 LEC, 03:00pm-04:15pm MW, LSci 185; Schimpf, David J, 3 cr

2802 Ecology Laboratory (A-F only; prereq Concurrent registration is required (or allowed) in 2801)

28390 001 LAB, 08:00am-11:50am T, LSci 328, 2 cr

28391 002 LAB, 01:30pm-05:20pm T, LSci 328, 2 cr

28392 003 LAB, 08:00am-11:50am W, LSci 328, 2 cr

28393 004 LAB, 01:00pm-04:50pm W, LSci 328, 2 cr

28394 005 LAB, 08:00am-11:50am Th, LSci 328, 2 cr

28395 006 LAB, 01:30pm-05:20pm Th, LSci 328, 2 cr

28396 007 LAB, 08:00am-11:50am F, LSci 328, 2 cr

3601 Plant Diversity (A-F only; prereq 1012)

28388 001 LEC, 08:00am-08:50am MW, LSci 115; Etterson, Julie R, 4 cr

3703 Animal Physiology (A-F only; prereq 1011, 1012, one semester college chemistry)

28023 001 LEC, 11:00am-11:50am MW, LSci 185; Mensinger, Allen

29009 002 LAB, 12:30pm-03:20pm W, SSTB 105, 3 cr

29007 003 LAB, 04:00pm-06:50pm W, SSTB 105, 3 cr

29426 004 LAB, 09:00am-11:50am Th, SSTB 105, 3 cr

29675 005 LAB, 02:00pm-04:50pm Th, SSTB 105, 3 cr

3987 Biology Seminar (A-F; prereq Min 90 or Biol or Cell Concurrent registration is required (or allowed) in Molecular Biol major; credit will not be granted if already received for 3997 AND 3998)

30081 001 SEM, 10:00am-10:50am MW, LSci 115; Bates, Paul W, 1 cr

30082 002 SEM, 11:00am-11:50am MW, LSci 115; Bates, Paul W, 1 cr

30083 003 SEM, 12:00pm-12:50pm TTh, LSci 115; Bates, Paul W, 1 cr
### University of Minnesota - Class Schedule for Duluth Campus

**Fall 2011**

#### Business Law (BLaw)
**Lobitzov School of Business & Economics**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Credits</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>The Legal Environment</td>
<td>0-3</td>
<td>M-Th 08:00am-09:50am</td>
<td>0-3</td>
<td>LEC, SSB 207A</td>
</tr>
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</table>

#### Chemical Engineering (Chem)
**Swenson College of Science & Engineering**

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<th>Course Number</th>
<th>Title</th>
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<th>Time</th>
<th>Days</th>
<th>Location</th>
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<tr>
<td>1011</td>
<td>Introduction to Chemical Engineering</td>
<td>0-3</td>
<td>M-Th 08:00am-09:45am</td>
<td>Th, Engr 118</td>
<td>LEC, SSB 207A</td>
</tr>
<tr>
<td>2001</td>
<td>Introduction to Environmental Engineering</td>
<td>0-3</td>
<td>M-Th 08:00am-09:45am</td>
<td>Th, Engr 118</td>
<td>LEC, SSB 207A</td>
</tr>
<tr>
<td>2111</td>
<td>Material and Energy Balances</td>
<td>0-3</td>
<td>M-Th 08:00am-09:45am</td>
<td>Th, Engr 118</td>
<td>LEC, SSB 207A</td>
</tr>
<tr>
<td>2121</td>
<td>Chemical Engineering Thermodynamics</td>
<td>0-3</td>
<td>M-Th 08:00am-09:45am</td>
<td>Engr 118</td>
<td>LEC, SSB 207A</td>
</tr>
<tr>
<td>3111</td>
<td>Fluid Mechanics</td>
<td>0-3</td>
<td>M-Th 08:00am-09:45am</td>
<td>Engr 118</td>
<td>LEC, SSB 207A</td>
</tr>
<tr>
<td>3112</td>
<td>Heat and Mass Transfer</td>
<td>0-3</td>
<td>M-Th 08:00am-09:45am</td>
<td>Engr 118</td>
<td>LEC, SSB 207A</td>
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#### Other Courses
- **2011 Principles of Particle Technology**
- **29977 001 LEC, 08:00am-09:50am W, SSB 207A; 3 cr**
- **29732 001 LAB, 12:00pm-01:50pm W, LSCI 340, 3 cr**

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**This information is accurate as of: 2/22/2011**
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Title</th>
</tr>
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<tbody>
<tr>
<td>1151</td>
<td>5</td>
<td>Chemistry I (F-A only; prereq Concurrent enrollment in CHEM 1151 or 1152; credit will not be granted if already received for 1151 or 1152; 212 meets LE req of LE CAT4)</td>
</tr>
<tr>
<td>1161</td>
<td>4</td>
<td>General Chemistry II (F-A only; concurrent enrollment in CHEM 1151; credit will not be granted if already received for CHEM 1151 or 1152)</td>
</tr>
<tr>
<td>1152</td>
<td>4</td>
<td>General Chemistry I (F-A only; concurrent enrollment in CHEM 1153; credit will not be granted if already received for CHEM 1152 or 1153)</td>
</tr>
<tr>
<td>1154</td>
<td>4</td>
<td>General Chemistry Lab I (F-A only; concurrent enrollment in CHEM 1151 or 1152; credit will not be granted if already received for CHEM 1151 or 1152)</td>
</tr>
<tr>
<td>1155</td>
<td>1</td>
<td>General Chemistry Lab II (F-A only; concurrent enrollment in CHEM 1151 or 1152; credit will not be granted if already received for CHEM 1151 or 1152)</td>
</tr>
</tbody>
</table>

**CHEMISTRY (Chem)**

**Swenson College of Science & Engineering**

**1113 Introduction to General, Organic, and Biological Chemistry**

1151 Credit will not be granted if already received for 1151 and 1161.

1162 Credit will not be granted if already received for 1152 or 1161.

**1152 General Chemistry II**

**1153 General Chemistry I**

**1155 General Chemistry Lab II**

**This information is accurate as of:** 2/22/2011
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### University of Minnesota - Class Schedule for Duluth Campus

#### Fall 2011

#### COMMUNICATION SCIENCES AND DISORDERS (CSD)

**1100** Phonetics (meets LE req of LE CAT03)

**31804** @350 CED, instruction mode: Distance Education Other; This course will be entirely online using Web CT Vista. An email will be sent to you prior to the starting date with directions on how you can log into the course. This course is not an independent study, but follows the semester schedule with weekly assignments, activities and/or quizzes.; Hyppa, Martin, Jolene K, 2 cr

**29693** @500 CED, instruction mode: Distance Education Other; This course will be entirely online using Web CT Vista. An email will be sent to you prior to the starting date with directions on how you can log into the course. This course is not an independent study, but follows the semester schedule with weekly assignments, activities and/or quizzes.; Hyppa, Martin, Jolene K, 2 cr

#### 2220 Introduction to Human Communication Disorders (meets LECD req of LECD CAT08)

**29277** 001 CED, 08:00am-09:15am TTh, Chem 150; 62 seats reserved for IESE; Hyppa, Martin, Jolene K; Bronson, Kent R; Loven, Faith C; Collins, Dana Rose, 3 cr

**31902** 002 CED, 02:00pm-03:15pm TTh, ChPk 124; Carlson, Lynette Rene, 3 cr

#### 3103 Anatomy of Speech and Hearing Mechanisms (A-F; prereq CSD candidate or instr consent)

**38076** 001 CED, 09:00am-09:50am MWF, ChPk 124; Loven, Faith C; Collins, Dana Rose, 3 cr

#### 3121 Language Development (A-F only; prereq CSD candidate or instr consent)

**38028** 001 CED, 11:00am-12:50pm TTh, ChPk 124; Bronson, Kent R, 4 cr

#### 3150 Fundamentals and Clinical Applications of Speech Science (A-F only; prereq CSD candidate or instr consent)

**38029** 001 CED, 11:00am-11:50am MWF, ChPk 124; Collins, Dana Rose, 3 cr

#### 3220 Articulation and Phonological Disorders (A-F; prereq 1100, 2230, CSD candidate or instr consent)

**38267** 001 CED, 12:00pm-12:50pm MWF, ChPk 124; Spillers PhD, Cindy S, 3 cr

#### 419 Clinical Practicum in Communication Disorders (A-F; prereq 2424 with C grade or better, CSD candidate or instr consent, no Grad School cr)

**28606** 001 PRC, 01:00pm-01:50pm Th, ChPk 124; Class meets in ChPk 124 with CSD 8097 and 4297.; Meets with: 30434 CSD 8097; Bronson, Kent R; Carlson, Lynette Rene; Collins, Dana Rose; Schafer, Susan Elizabeth; Hyppa, Martin, Jolene K; John, Lynda Barker; Godsey, Shannon Rose; Spillers PhD, Cindy S; Wallis, Kay; Mizuko, Mark I, 3 cr

#### 4400 Hearing Disorders and Evaluation (A-F; prereq 3103, 3160, CSD candidate or instr consent)

**28077** 001 CED, 01:00pm-01:50pm MWF, ChPk 124; Loven, Faith C, 3 cr

#### 4500 Voice Disorders (A-F only; prereq CSD candidate)

**28992** 001 CED, 10:00am-10:50am MWF, ChPk 124; Spillers PhD, Cindy S, 3 cr

#### 5010 Portfolio Development (A-F; prereq CSD Grad student or instr consent)

**29769** 001 CED, 10:00am-10:50am T, ChPk 122; Godsey, Shannon Rose, 1 cr

#### 5011 Independent Study (max crs 6; 6 repeats allowed; prereq CSD candidate with 90 cr or Grad School cr)

**31274** 001 IND; This course is arranged.; Carlson, Lynette Rene, 1-3 cr
1104 Freshman Seminar: Computers and Society (A-F; only; prereq: Freshman, fewer than 30 credits; meets LE req of LE CAT 3).

29763 001 SEM, 10:00am-10:50am MWF, MW AH 175; Allert, James Donald, 3 cr.

1121 Introduction to Programming in Visual BASIC.NET

(Credit will not be granted if credit has been received for: FMIS 2201; A-F only; prereq: 1 yr high school algebra or instr consent; meets LE req of LE CAT 3).

001 LEC, 01:00pm-01:50pm TTh, LSci 185; Allert, James Donald, 3 cr.

28342 002 LAB, 10:00am-10:50am M, MW AH 177; Allert, James Donald, 3 cr.

29167 003 LAB, 11:00am-11:50am M, MW AH 177; Allert, James Donald, 3 cr.

28172 004 LAB, 12:00pm-12:50pm M, MW AH 177; Allert, James Donald, 3 cr.

28272 005 LAB, 01:00pm-01:50pm M, MW AH 177; (Open CE Reserve seats will be available to UMD students 08/31/10), 2 seats reserved for Continuing Education; Allert, James Donald, 3 cr.

28267 006 LAB, 02:00pm-02:50pm M, MW AH 177; Allert, James Donald, 3 cr.

30473 007 LAB, 03:00pm-03:50pm M, MW AH 177; Allert, James Donald, 3 cr.

1301 Introduction to 3D Game Development: Learning to Program Computers by Creating Video Games

(Credit will not be granted if credit has been received for: CS 1211, CS 1581; A-F only; prereq: 3 1/2 yrs high school math or instr consent; meets LE req of LE CAT 3).

001 LEC, 02:00pm-02:50pm MWF, MW AH 175; Holtz, Steven J, 5 cr.

30130 002 LAB, 08:00am-08:50am T, MW AH 175; Allert, James Donald, 5 cr.

28755 003 LAB, 08:00am-08:50am T, MW AH 175; Allert, James Donald, 5 cr.

28755 004 DIS, 09:00am-09:50am T, MW AH 175; Allert, James Donald, 1 cr.

28754 005 LAB, 09:00am-09:50am T, MW AH 177; Allert, James Donald, 5 cr.

28755 006 DIS, 10:00am-10:50am T, MW AH 175; Allert, James Donald, 1 cr.

28755 007 LAB, 10:00am-10:50am T, MW AH 177; Allert, James Donald, 1 cr.

28755 008 DIS, 11:00am-11:50am T, MW AH 175; Allert, James Donald, 1 cr.

28755 009 LAB, 11:00am-11:50am T, MW AH 177; Allert, James Donald, 1 cr.

28755 010 LAB, 12:00pm-12:50pm T, MW AH 177; Allert, James Donald, 1 cr.

28757 011 LAB, 12:00pm-12:50pm T, MW AH 177; Allert, James Donald, 1 cr.

28755 012 DIS, 01:00pm-01:50pm T, MW AH 175; Allert, James Donald, 1 cr.

28755 013 LAB, 01:00pm-01:50pm T, MW AH 177; Allert, James Donald, 1 cr.

28759 015 LAB, 02:00pm-02:50pm T, MW AH 177; (Open CE Reserve seats will be available to UMD students 08/31/10), 2 seats reserved for Continuing Education; Allert, James Donald, 1 cr.

28759 014 DIS, 02:00pm-02:50pm T, MW AH 175; Allert, James Donald, 1 cr.

1511 Computer Science I

(Credit will not be granted if credit has been received for: CS 1211, CS 1581; A-F only; prereq: 3 1/2 yrs high school math or instr consent; meets LE req of LE CAT 3).

001 LEC, 02:00pm-02:50pm MW, LSci 175; Holtz, Steven J, 5 cr.

30279 002 LAB, 08:00am-08:50am T, MW AH 175; Allert, James Donald, 5 cr.

28910 003 LAB, 09:00am-09:50am T, MW AH 175; Allert, James Donald, 5 cr.

28910 004 DIS, 10:00am-10:50am T, MW AH 175; Allert, James Donald, 1 cr.

2521 Computer Organization and Architecture

(Credit will not be granted if credit has been received for: CS 1521, CS 1531; A-F only; prereq: Comp sci jr, instr consent; meets LE req of LE CAT 3).

001 LEC, 09:30am-10:45am TTh, MW AH 191; Colburn, Timothy Robert, 4 cr.

28401 002 LAB, 03:00pm-03:50pm MW, MW AH 175; Colburn, Timothy Robert, 4 cr.

28401 003 LAB, 03:00pm-03:50pm T, MW AH 175; Colburn, Timothy Robert, 4 cr.

3011 Information Technology Hardware and Software

(Credit will not be granted if credit has been received for: FMIS 3201 or FMIS 2201 or SBE 1101, 1521 or instr consent).

001 LEC, 12:00pm-12:50pm MW, MW AH 175; Shute, Gary M, 4 cr.

28927 002 LAB, 04:00pm-04:50pm M, HH 306; Shute, Gary M, 4 cr.

30496 003 LAB, 05:00pm-05:50pm TTh, HH 306; Shute, Gary M, 4 cr.

3111 Computer Ethics

(Credit will not be granted if credit has been received for: Comp 3100 or 3110 or 3121 or 3130 or 3140 or 3150 or 3160 or Engr 4001, min 60 cr or instr consent).

25661 001 LEC, 11:00am-12:15pm TTh, HH 306; McLeod, Alisa, 4 cr.

3121 Interactive Multimedia Technology

(Credit will not be granted if credit has been received for: FMIS 3201 or FMIS 2201 or SBE 1101, 2511 or instr consent).

001 LEC, 11:00am-11:50am MW, MW AH 175; Prince, Christopher George, 4 cr.

25914 002 LAB, 04:00pm-05:00pm M, Library 118; Mac Lab needed for this lab section; Prince, Christopher George, 4 cr.

3211 Database System Concepts

(Credit will not be granted if credit has been received for: FMIS 3201 or FMIS 2201 or SBE 1101, 2511 or instr consent).

001 LEC, 09:30am-10:45am TTh, HH 306; Crouch, Donald B, 4 cr.

3202 Computer Science Theory

(Credit will not be granted if credit has been received for: CS 1521, Math 1296 or 1596 or instr consent).

30149 001 LEC, 12:30pm-01:45pm TTh, HH 306; 01:00pm-01:50pm W, MW AH 175; Turner, Hudson, 4 cr.

3996 Internship in Computer Science

(Credit will not be granted if credit has been received for: Comp sci jr, instr consent).

28879 001 IEX, Colburn, Timothy Robert, 1-3 cr.
### University of Minnesota - Class Schedule for Duluth Campus

#### Fall 2011

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Days and Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>4521</td>
<td>Algorithms and Data Structures (A-F only; preq req 2511 or 3512 or instr consent)</td>
<td>Willemsen, Peter J</td>
<td>1-24 cr</td>
<td>MWF 12:00-12:50p</td>
<td>HH 306</td>
</tr>
<tr>
<td>29765</td>
<td>002 LAB, 04:00-04:50m T, WMAH 177</td>
<td>Maclin, Richard Frank</td>
<td>4 cr</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4531</td>
<td>Software Engineering (A-F only; preq req 2511 or instr consent)</td>
<td>Turner, Hudson</td>
<td>1-24 cr</td>
<td>MWF 10:00-10:50am</td>
<td>MWAH 176</td>
</tr>
<tr>
<td>29763</td>
<td>002 LAB, 04:00-04:50m T, WMAH 177</td>
<td>Shute, Gary M</td>
<td>4 cr</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Independent Study (max crs 8; repeats allowed; A-F only; preq instr consent)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Days and Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>28880</td>
<td>001 IND; Maclin, Richard Frank</td>
<td>1-4 cr</td>
<td></td>
<td>HH 306</td>
<td></td>
</tr>
</tbody>
</table>

#### Honors Project (max crs 3; A-F only; preq Consent of comp sci honors prog committee; meets HON req of Honors)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Days and Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>28881</td>
<td>001 DRS; Colburn, Timothy Robert</td>
<td>2-3 cr</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Operating Systems (A-F only; preq req 2511, 2521 or instr consent)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Days and Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>29052</td>
<td>002 LAB, 04:00-04:50p W, MWAH 177</td>
<td>Maclin, Richard Frank</td>
<td>4 cr</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29059</td>
<td>004 LAB, 04:00-04:50m MWAH 177</td>
<td>Turner, Hudson</td>
<td>4 cr</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Computer Networks (A-F only; preq req 2511, 2521 or instr consent)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Days and Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>29769</td>
<td>002 LAB, 04:00-04:50p T, WMAH 177</td>
<td>Maclin, Richard Frank</td>
<td>4 cr</td>
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</tr>
</tbody>
</table>

#### Introduction to Natural Language Processing (A-F only; preq req 2511, 3511 or instr consent)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Days and Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>31572</td>
<td>092 LEC, 05:00-05:50pm TTh, Bohl 108, 10/24/11-12/16/11</td>
<td>Maclin, Richard Frank</td>
<td>2 cr</td>
<td></td>
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</tr>
</tbody>
</table>

#### Strategic Career Planning (Credit will not be granted if credit has been received for: PSY 3535; A-F only; preq Min 45 cr or instr consent)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Days and Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>30888</td>
<td>200 INI, 3 cr</td>
<td>Olsen, Sonja M.</td>
<td>3 cr</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30889</td>
<td>202 INI; (Correspondence—16 week course—register anytime. Initial course information is available at a href='<a href="http://www.d.umn.edu/goto/ceonline">http://www.d.umn.edu/goto/ceonline</a>' &gt;Getting Started On Your Correspondence Course.&lt;/a&gt; Open CE reserved seats will be available to UMD students on August 31, 2010. After the second day of the semester, when permission numbers are required, students must go to a Continuing Education Window in Darford Administration Building or call 218-726-8113 to register for this course. Correspondence); 1 seat reserved for Continuing Education; Olsen, Susan Marie, 3 cr</td>
<td>Olsen, Susan Marie</td>
<td>3 cr</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Additional Hours will be required in an online learning environment. In addition to the textbooks, students will need to purchase and complete the StrengthsQuest and Strong Interest Inventory assessments from Career Services. Total for both assessments =$30. Hybrid course with both classroom and internet components. Open CE reserved seats will be available to UMD students on August 31, 2010, 2 cr | | | |

#### Thesis Credits: Master's (max crs 3; 3 repeats allowed; A-F only; preq Instr consent)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Days and Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>29144</td>
<td>001 SEM, 01:00pm-01:50pm MW, HH 306; Crouch, Carolyn J</td>
<td>1 cr</td>
<td></td>
<td>HH 306</td>
<td></td>
</tr>
</tbody>
</table>

#### Continuing Education (CnEd)

#### Continuing Education

#### Major and Career Exploration (A-F only; preq Fewer than 45 credits or instr consent)

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
<th>Days and Time</th>
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</tr>
</thead>
<tbody>
<tr>
<td>30906</td>
<td>090 LEC, 05:00-05:50pm TTh, Cina 106, 09/06-11/13/11; Class meets 5:00-5:50 PM T, Th, September 7-October 22, 2010. Additional hours will be required in an online learning environment. In addition to the textbook, students will need to purchase and complete the StrengthsQuest and Strong Interest Inventory assessments from Career Services. Total for both assessments =$30. Hybrid course with both classroom and internet components. Open CE reserved seats will be available to UMD students on August 31, 2010, 2 cr</td>
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</table>

#### Thesis Credits: Master's (max crs 3; 3 repeats allowed; A-F only; preq Instr consent)

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<tr>
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<th>Days and Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>30390</td>
<td>203 INI, 3 cr</td>
<td>Olsen, Susan Marie</td>
<td>3 cr</td>
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#### Thesis Credits: Master's (max crs 3; 3 repeats allowed; A-F only; preq Instr consent)

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<td>Maclin, Richard Frank</td>
<td>2 cr</td>
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</tbody>
</table>
**Fall 2011**

**CULTURAL STUDIES (CS)**

**College of Liberal Arts**

1101 \[ Introduction to Cultural Studies \]

(All courses meet LE req of LE CAT9)

29188 \[ 001 LEC, 10:00am-11:50am TTH, H403; Emad, Mitra C, 4 cr \]

30457 \[ 002 LEC, 08:00am-09:40am MW, Cina 214; Milun, Kathryn Ann, 4 cr \]

3030 \[ Science Fiction \]

(All courses meet LE req of LE CAT10)

32127 \[ 350 LEC, Online Instruction - 16 week course \]

(Initial course information is available at a href="http://www.d.umn.edu/goto/ceonline"\)

(Continuing Education, 18 cr)

2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Basci, Thomas D, 3 cr

3040 \[ The Music and Lives of the Beatles \]

(All courses meet LE req of LE CAT10)

29188 \[ 001 LEC, 10:00am-11:50am TTH, H403; Emad, Mitra C, 4 cr \]

4500 \[ The New Commons: Activism, Culture, History \]

(All courses meet LE req of LE CAT10)

30821 \[ 001 LEC, 02:00pm-03:40pm MW, Cina 214; Milun, Kathryn Ann, 4 cr \]

4961 \[ Independent Study in Cultural Studies \]

(All courses meet LE req of LE CAT10)

3617 \[ 001 LEC, 01:00pm-02:40pm TTH, Cina 102; Emad, Mitra C, 4 cr \]

4997 \[ Teaching Assistant in Cultural Studies \]

(All courses meet LE req of LE CAT10)

30192 \[ 001 LEC; Emad, Mitra C, 1-3 cr \]

3080 \[ Cultural Constructions of the Body \]

(All courses meet LE req of LE CAT10)

31617 \[ Open CE Reserve seats will be available to UMD students 08/30/11. \]

2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Gallian, Joseph A, 3 cr

1001 \[ Introduction to the World of Dance \]

(All courses meet LE req of LE CAT10)

26333 \[ 001 LEC, 09:00am-09:50am MW, VKH 221; Katz Harwood, Rebecca, 2 cr \]

1101 \[ Modern Dance Technique I \]

(All courses meet LE req of LE CAT10)

28130 \[ 001 STU, 10:00am-11:10am MW, MPAC 155; Katz Harwood, Rebecca, 2 cr \]

30615 \[ 002 STU, 04:00pm-05:45pm TTH, MPAC 155; Katz Harwood, Rebecca, 2 cr \]

1111 \[ Jazz Dance Technique I \]

(All courses meet LE req of LE CAT10)

25570 \[ 001 STU, 04:00pm-05:10pm MW, MPAC 155; Katz Harwood, Rebecca, 2 cr \]

25560 \[ 002 STU, 02:00pm-03:45pm TTH, MPAC 155; Katz Harwood, Rebecca, 2 cr \]

1121 \[ Tap Dance Technique I \]

(All courses meet LE req of LE CAT10)

28133 \[ 001 STU, 12:00pm-01:45pm TTH, MPAC 21; Bergeron, Ann Akio, 2 cr \]

This information is accurate as of: 2/22/2011
29368 011 LEC, 08:00am-09:15am TTH, LSB 125; (Economics majors or minors); Meets with: 29367 ECON 2030, 29369 ECON 2030; 3 cr
29369 012 LEC, 08:00am-09:15am TTH, LSB 125; (Non-LSBE Business Adm or Accounting majors); Meets with: 29368 ECON 2030, 29367 ECON 2030; 3 cr
32143 013 LEC, 02:00pm-03:15pm TTH, LSB 125; (LSBE students); Meets with: 32145 ECON 2030, 32144 ECON 2030; 3 cr
32144 014 LEC, 02:00pm-03:15pm TTH, LSB 125; (Economics majors or minors); Meets with: 32143 ECON 2030, 32144 ECON 2030; 3 cr
32145 015 LEC, 02:00pm-03:15pm TTH, LSB 125; (Non-LSBE Business Adm or Accounting majors); Meets with: 32143 ECON 2030, 32144 ECON 2030; 3 cr

3022 Macroeconomic Analysis (A-F only; prereq 1022, 1023, Math 1160 or Math 1296, Econ major or minor or LSBE card)
30118 011 LEC, 09:00am-10:25am MWF, LSB 125; 30117, 3 cr
3023 Microeconomic Analysis (A-F only; prereq 1022, 1023, Math 1160 or Math 1296, Econ major or minor or LSBE card)
30911 011 LEC, 03:30pm-04:45pm TTH, LSB 225; 30912, 3 cr
3030 Economic Research Methodology (A-F only; prereq 1022, 1023, 2030 or Stat 3611), Math 1160 or Math 1296, Econ major or minor or LSBE card
30924 011 LEC, 10:00am-10:50am MWF, LSB 265; 30923, 3 cr
3031 History of Economic Thought (A-F only; prereq 1003 or 1022, 1023; Meets LE req of LE CAT7)
30910 011 LEC, 02:00pm-03:15pm TTH, LSB 225; 30909, 3 cr
3311 Money and Banking (A-F only; prereq 1022, Econ major or minor or LSBE card)
29596 011 LEC, 11:00am-11:50am MWF, LSB 135; 3053, 3 cr
3402 Global Economic Issues (A-F only; prereq LSBE cand; cannot apply cr to econ major or minor)
30437 011 LEC, 01:00pm-01:50pm MWF, LSB 118; 30436, 3 cr
3512 Managerial Economics (A-F only; 1023, 2030 or Stat 3611), minor or LSBE card
30122 011 LEC, 03:30pm-04:45pm TTH, LSB 125; 30121, 3 cr
3821 Labor Economics: Theory and Issues (A-F only; prereq 1023, preferred but not required 3023, Econ major or minor or LSBE card)
30111 011 LEC, 09:30am-10:45am TTH, LSB 125; 30110, 3 cr
3910 Economics of Health Care (A-F only; prereq 1023, 1025, Econ major or minor or LSBE card)
31562 011 LEC, 01:00pm-01:50pm MWF, LSB 225; 31561, 3 cr
4397 Half-Time Internship (Credit will not be granted if credit has been received for ECON 4497; max crs 6; N-S; prereq Econ major, 3022, 3023, instr consent)
29034 011 IEX, O'Brien, A. Maureen, 3 cr
4497 Full-Time Internship (Credit will not be granted if credit has been received for ECON 4497; N-S; prereq Econ major 3022, 3023, instr consent)
29035 011 IEX, O'Brien, A. Maureen, 6 cr
4905 Urban/Regional Economics (A-F only; prereq 1003 or 1022, 1023, preferred but not required 3023)
30436 011 LEC, 12:30pm-01:45pm TTH, LSB 265; 30435, 3 cr
4991 Independent Study (max crs 6; 6 repeats allowed; A-F only; prereq instr consent; no Grad School cr)
28771 001 IND; , 1 - 6 cr

ECONOMICS (Econ) Labovitz School of Business & Economics

1022 Principles of Economics: Macro (A-F only; prereq Min 15 cr or dept consent; meets LE req of LE CAT7)
28124 011 LEC, 09:00am-09:50am MWF, LSB 118; 3 cr
28125 002 LEC, 10:00am-10:50am MWF, LSB 118; (Open CE Reserve seats will be available to UMD students 08/31/10); 3 seats reserved for Continuing Education; 3 cr
28912 002 LEC, 02:00pm-02:50pm MWF, LSB 118; (Open CE Reserve seats will be available to UMD students 08/31/10); 3 seats reserved for Continuing Education; 3 cr
28126 001 LEC, 03:00pm-04:15pm MWF, LSB 118; (Open CE Reserve seats will be available to UMD students 08/31/10); 3 seats reserved for Continuing Education; 3 cr
28913 002 LEC, 12:00pm-01:15pm TTh, LSB 118; (Open CE Reserve seats will be available to UMD students 08/31/10); 3 seats reserved for Continuing Education; 3 cr
20113 010 LEC, 01:00pm-02:15pm TTh, LSB 118; (Open CE Reserve seats will be available to UMD students 08/31/10); 3 seats reserved for Continuing Education; 3 cr
28127 001 IND; , 1 - 6 cr

2025 Economic Research Methodology (A-F only; prereq 1022, 1023, Math 1160 or Math 1296, Econ major or minor or LSBE card)
29367 ECON 2030, 29369 ECON 2030; 30912, 3 cr
32143 012 LEC, 08:00am-09:15am MWF, LSB 125; 32142, 3 cr
32144 014 LEC, 02:00pm-03:15pm TTH, LSB 125; 32143, 3 cr
32145 015 LEC, 02:00pm-03:15pm TTH, LSB 125; 32144, 3 cr
30435 001 LEC, 12:30pm-01:45pm TTH, LSB 265; 30434, 3 cr
30909 011 LEC, 09:00am-10:25am MWF, LSB 125; 30908, 3 cr
30910 011 LEC, 02:00pm-03:15pm TTH, LSB 225; 30909, 3 cr
30911 011 LEC, 03:30pm-04:45pm TTH, LSB 125; McIntosh, Christopher Richard, 3 cr
3821 Labor Economics: Theory and Issues (A-F only; prereq 1023, preferred but not required 3023, Econ major or minor or LSBE card)
30122 011 LEC, 03:30pm-04:45pm TTH, LSB 125; 30121, 3 cr
3910 Economics of Health Care (A-F only; prereq 1023, 1025, Econ major or minor or LSBE card)
31562 011 LEC, 01:00pm-01:50pm MWF, LSB 225; 31561, 3 cr
4397 Half-Time Internship (Credit will not be granted if credit has been received for ECON 4497; max crs 6; S-N; prereq Econ major, 3022, 3023, instr consent)
29034 011 IEX, O'Brien, A. Maureen, 3 cr
4497 Full-Time Internship (Credit will not be granted if credit has been received for ECON 4497; N-S; prereq Econ major 3022, 3023, instr consent)
29035 011 IEX, O'Brien, A. Maureen, 6 cr
4905 Urban/Regional Economics (A-F only; prereq 1003 or 1022, 1023, preferred but not required 3023)
30436 011 LEC, 12:30pm-01:45pm TTH, LSB 265; 30435, 3 cr
4991 Independent Study (max crs 6; 6 repeats allowed; A-F only; prereq instr consent; no Grad School cr)
28771 001 IND; , 1 - 6 cr
null
University of Minnesota - Class Schedule for Duluth Campus

Fall 2011

Service Professions

This information is accurate as of: 2/22/2011

5998 001 LEC; Rauschenfels, Diane J, 1 cr

Education and Human Service Professions (EHS)
College of Education & Human Service Professions

979 CEHSP Masters Active Status (20 repeats allowed; NGA; prereq EdAd majors only)

9590 Research Project (max crs 12; 12 repeats allowed; S-N: prereq No Grad School cr)

29712 001 IND. 0 cr

Education, Secondary (EdSe)
College of Education & Human Service Professions

3204 Designing Learning Environments and Lessons (A-F only; prereq Admission to EdSe program)

30800 001 PRC, 09:00am-09:50am MW, SBE 21; 0 cr

30801 002 PRC, 02:00pm-02:50pm MW, SBE 21; 0 cr

32000 Apprenticeship: Secondary School (A-F only; prereq Admission to EdSe program, Concurrent registration is required (or allowed) in 3204)

28776 001 PRC, 01:00pm-01:50pm MW, ABAH 225; Williams, Julia M, 2 cr

4100 Teaching in a Diverse Society (A-F only; prereq Admission to EdSe program)

28714 001 LEC, 06:00pm-06:50pm M, SBE 17; 0 cr

1420 Philosophy and Organization of the Middle School (A-F only; prereq Secondary majors admitted to teacher education or pre-elementary education majors, 45 cr; credit will not be granted if already received for 5120)

28779 001 LEC, 03:30pm-04:45pm TTh, Cina 106; 0 cr

4212 Literature for Adolescents (Credit will not be granted if credit has been received for: EDSE 4215, EDSE 4214; A-F only; prereq Teaching of secondary major, minor or pre students or elem-middle educ commod/lt specialization)

29521 001 LEC, 04:00pm-04:50pm M, VH 221; 3 cr

4214 Teaching Content-Area Reading (Credit will not be granted if credit has been received for: EDSE 4215, EDSE 4212; A-F only)

29713 001 LEC, 11:00am-11:50am MWF, SBE 51; 2 cr

29624 002 LEC, 02:00pm-02:50pm MWF, Cina 106; 2 cr

4222 Teaching Mathematics: Grades 5-12 (A-F only; prereq Admission to EdSe program, 3204 or instr consent; no Grad School cr)

31343 001 LEC, 08:00am-10:45am TTh, Cina 106; Williams, Kay A, 4 cr

4244 Teaching Social Studies: Grades 5-12 (A-F only; prereq Admission to EdSe program, 3204 or instr consent; no Grad School cr)

31344 001 LEC, 04:00pm-07:00pm W, Cina 106; Brice, Lynne M, 3 cr

4255 Teaching Science: Grades 5-12 (A-F only; prereq Admission to EdSe program, 3204 or instr consent; no Grad School cr)

31570 001 LEC, 08:00am-09:15am TTh, SBE 16; 08:00am-08:50am F, SBE 16; 3 cr

4501 Educational Psychology (A-F only; prereq Admission to EdSe program; no Grad School cr)

28401 001 LEC, 10:00am-10:50am MWF, SBE 17; 0 cr

28732 002 LEC, 01:00pm-01:50pm MWF, SBE 17; 0 cr

4525 Assessment for Secondary Education Majors (A-F; prereq No Grad School cr)

30802 001 LEC, 09:30am-10:45am TTh, Room TBA, DULUTH; (additional course hours will be required in an on-line learning environment); Williams, Julius M, 3 cr

30803 002 LEC, 02:00pm-03:15pm TTh, SBE 17; 0 cr

4600 Student Teaching (max crs 12; S-N: prereq 4100, 4501, appropriate methods course; no Grad School cr)

28777 001 PRC, 12 cr

29072 002 PRC, 12 cr

29446 003 PRC, 12 cr

29447 004 PRC, 12 cr

29448 005 PRC, 12 cr

29449 006 PRC, 12 cr

29450 007 PRC, 12 cr

29451 008 PRC, 12 cr

29452 009 PRC, 12 cr

29453 010 PRC, 12 cr

29454 011 PRC, 12 cr

29455 012 PRC, 12 cr

29456 013 PRC, 12 cr

29457 014 PRC, 6 cr

29458 015 PRC, 6 cr

29459 016 PRC, 6 cr

29460 017 PRC, 6 cr

29461 018 PRC, 6 cr

29149 019 PRC, 6 cr

31680 020 PRC, 6 cr

31879 021 PRC, 6 cr

Electrical and Computer Engineering (ECE)
Swenson College of Science & Engineering

1001 Introduction to Electrical and Computer Engineering (A-F only; prereq Pre-Engr, ChE, CS, ECE, IE majors only)

29310 001 LEC, 10:00am-10:50am TTh, SBE 226; Burns, Stanley G, 2 cr
4311 Design of Very Large-Scale Integrated Circuits (A-F only; prereq: 2303, 3410 or instr consent)

29330 001 LEC, 02:00pm-03:15pm MW, Chem 150; Lab will meet in MWAH 293 - arranged.; Tang, Hua, 3 cr

4321 Computer Networks (A-F only; prereq: 3341, Stat 3611)

28727 001 LEC, 02:00pm-02:50pm MWF, MWAH 191; Kwon PhD, Taek Mu, 3 cr

4999 Senior Design Project I (A-F only; prereq: 3441, BSEE cand, instr consent; no Grad School cr; credit will not be granted if already received for 4951)

28098 001 DRS, Burns, Stanley G, 1 cr

28099 002 DRS, Hayee, M, Imran, 1 cr

28100 003 DRS, Carroll, Christopher Ralph, 1 cr

28101 004 DRS, Yang, Jiann-Shiou, 1 cr

28102 005 DRS, Kwon PhD, Taek Mu, 1 cr

28103 006 DRS, Tang, Hua, 1 cr

28104 007 DRS, Hassan, Mohammed A, 1 cr

28105 008 DRS, Stachowicz, Marian S, 1 cr

28106 009 DRS, Scott R, 1 cr

4991 ECE Design Workshop (A-F only; prereq: WRIT 1130, BSEE cand, 100 cr, no Grad School cr; credit will not be granted if already received for 4899 or 4999)

33240 001 LEC, 4 cr

4991 Independent Study (max crs: 3; A-F only; prereq instr consent; does not qualify as ECE technical elective; no Grad School cr)

28420 001 IND, Burns, Stanley G, 1-3 cr

28421 002 IND, Hayee, M, Imran, 1-3 cr

28422 003 IND, Carroll, Christopher Ralph, 1-3 cr

28423 004 IND, Yang, Jiann-Shiou, 1-3 cr

28424 005 IND, Kwon PhD, Taek Mu, 1-3 cr

28425 006 IND, Tang, Hua, 1-3 cr

28426 007 IND, Hassan, Mohammed A, 1-3 cr

28427 008 IND, Stachowicz, Marian S, 1-3 cr

28428 009 IND, Scott R, 1-3 cr

28489 010 DRS, Bai, Jing, 1-3 cr

30992 011 DRS, Kondrath, Nisha, 1 cr

4999 Senior Design Project II (A-F only; prereq: 4899, BSEE cand, instr consent; no Grad School cr; credit will not be granted if already received for 4151)

28108 001 DRS, Burns, Stanley G, 3 cr

28109 002 DRS, Hayee, M, Imran, 3 cr

28110 003 DRS, Carroll, Christopher Ralph, 3 cr

28111 004 DRS, Yang, Jiann-Shiou, 3 cr

28112 005 DRS, Kwon PhD, Taek Mu, 3 cr

28113 006 DRS, Tang, Hua, 3 cr

28114 007 DRS, Hassan, Mohammed A, 3 cr

28115 008 DRS, Stachowicz, Marian S, 3 cr

28116 009 DRS, Scott R, 3 cr

28190 010 DRS, Bai, Jing, 3 cr

29096 011 DRS, Kondrath, Nisha, 3 cr

5151 Digital Control System Design (A-F only; prereq: 3151, 3411; credit will not be granted if already received for 4151)

29324 001 LEC, 03:00pm-04:15pm MW, MWAH 191; , 3 cr

5001 Energy Conversion System (A-F only)

31134 001 LEC, 02:00pm-03:15pm TTH, MWAH 191; Ferguson, Tom, 3 cr

5765 Modern Communication (prereq: 3111, 3235; credit will not be granted if already received for 4763)

28964 001 LEC, 05:00pm-06:45pm MW, MWAH 175; Hayee, M, Imran

30964 002 LAB, Hayee, M, Imran, 4 cr

8222 Master’s Plan B Research and Design Project (max crs: 3; 3 repeats allowed; S: N; prereq Graduate student, instr consent; credit will not be granted if already received for 8777)

31783 001 DRS, -, 1-3 cr

33241 002 DRS, -, 1-3 cr

33242 003 DRS, -, 1-3 cr

33243 004 DRS, - , 1-3 cr

8333 FTE: Master’s (NGA; prereq: Master’s student, advisor and DGS consent)

30861 001 DRS, Tang, Hua; Carroll, Christopher Ralph; Kwon PhD, Taek Mu, 0 cr

8741 Digital Image Processing (A-F only; prereq: 4741)

29549 001 LEC, 04:00pm-05:15pm TTH, MWAH 175; Hasan, Mohammed A, 4 cr

8777 Thesis Credits: Master’s (max crs: 50; 10 repeats allowed; NGA; prereq Max 18 cr per semester; 10 crs total required (Plan A only))

29622 001 THE, Burns, Stanley G, 1-18 cr

29629 002 THE, Hayee, M, Imran, 1-18 cr

29693 003 THE, Carroll, Christopher Ralph, 1-18 cr

29694 004 THE, Yang, Jiann-Shiou, 1-18 cr

29693 005 THE, Kwon PhD, Taek Mu, 1-18 cr

29694 006 THE, Tang, Hua, 1-18 cr

29695 007 THE, Hassan, Mohammed A, 1-18 cr

29696 008 THE, Stachowicz, Marian S, 1-18 cr

29697 009 THE, Scott R, 1-18 cr

30105 010 THE, Bai, Jing, 1-18 cr

29698 ELEMENTARY EDUCATION (ElEd)

College of Education & Human Service Professions

1010 Introduction to Elementary Education (A-F only; prereq: Pre-Elementary student education)

31342 001 DEM, 02:00pm-03:15pm TTH, SBE 16; , 3 cr

31343 002 DEM, 03:30pm-04:45pm TTH, SBE 16; , 3 cr

31344 003 DEM, 08:00am-10:40am F, Cina 224; , 3 cr

2001 Diversity and Education Implications (A-F only; prereq: Pre-IESE Candidate, 1010)

31415 001 LEC, 09:30am-10:45am TTH, SBE 17; Hazaresingh, Nedra A, 3 cr

31416 002 LEC, 02:00pm-03:15pm TTH, SBE 36; Hazaresingh, Nedra A, 3 cr

3325 Foundations of Literacy and Language (A-F only; prereq: Admission to the elementary education program, 33331)

28628 001 LEC, 06:00am-10:45am TTH, SBE 51; Practicum arr; Stevenson PhD, Jean Myers, 3 cr

28780 002 LEC, 11:00am-12:50pm TTH, SBE 51; (Practicum arr); Stevenson PhD, Jean Myers, 3 cr

3331 Children’s Literature in the Elementary School (A-F only; prereq: Pre-IESE, Sophomore standing, 1010 and ECH 2025)

29018 001 LEC, 08:00am-08:50am MWF, SBE 17; Practicum arr; Stevenson PhD, Jean Myers, 3 cr

31786 002 LEC, 09:00am-09:50am MWF, SBE 17; , 3 cr

3381 Teaching American Indian Students in the Elementary Classroom (A-F only; prereq: Elementary education major)

39417 001 LEC, 03:30pm-05:10pm T, SBE 36; Fairbanks PhD, Priscilla A., 2 cr

31349 002 LEC, 01:00pm-03:15pm T, Room TBA, DULUTH; Hermes, Mary Rose, 2 cr

32326 450 LEC S, Room TBA, instruction mode: Distance Education and On-Site, 2 cr

4434 Teaching Science and Environmental Education (A-F only; prereq: IESE candidate, 3325, no Grad School cr)

29019 001 LEC, 01:00pm-02:50pm MF, SBE 16; Practicum arr; Yoon PhD, Jiyoon, 3 cr

31350 002 LEC, 03:00pm-04:50pm MF, SBE 16; Yoon PhD, Jiyoon, 3 cr

This information is accurate as of: 2/22/2011
This information is accurate as of: 2/22/2011
### 5636 Readers and the History of Books
(A-F only; prereq: Jr or gr student or instr consent)

31749 001 LEC, 01:00pm-02:50pm M, KPU 385, 01:00pm-02:50pm W, H464; Bock, Carol Ann, 4 cr

### 5821 History of the English Language
(A-F only)

3211 001 LEC, 12:00pm-01:50pm TTH, H468; Twu, Krista Sue-Lo, 4 cr

### 5902 Teaching Language, Cognition, and Writing
(A-F only; prereq: Teach comm art ill major or minor or TESOL licensure or elem/middle educ math/com major or minor or preteach instr consent or instr consent)

28789 001 LEC, 08:00am-09:50am MW, Library 409; Miller Cleary, Linda, 4 cr

29425 002 LEC, 04:00pm-05:50pm MW, H490; Witikko, Neil, 4 cr

### 5922 Teaching Language and Communication
(S-N only; prereq: 5902, teach comm art ill major or minor or TESOL licensure or instr consent)

28051 001 LEC, 11:00am-12:50pm MW, Library 409, 05:00pm-05:50pm T, KPlz 143; Miller Cleary, Linda, 5 cr

### 8444 FTE: Doctoral
(NGA: prereq doctoral student, adviser and DGS consent)

28952 001 DRS, Twu, Krista Sue-Lo, 1 cr

### 8906 Introduction to Critical Theory
(A-F only; prereq: Grad Student)

28050 001 LEC, 03:00pm-04:50pm TTH, SCC 6; Brier, Evan, 4 cr

### 8931 Practicum in Teaching Literature
(A-F only; prereq: grad-level literature or instructor consent)

28934 001 PRC; Brier, Evan; Twu, Krista Sue-Lo; Schwetman, John David, 4 cr

### 4601 Wilderness Philosophy
(preq No Grad School cr; credit will not be granted if already received for Educ 4601)

29234 001 LEC, 02:00pm-04:50pm M, SPHC 9; 05:00pm-06:50pm M, SPHC 9A; Course includes a weekend field trip.; Beery, Thomas Harold, 2 cr

### 4996 Outdoor Education Internship
(S-N only; prereq: Grad major, instr consent; no Grad School cr; credit will not be granted if already received for Educ 4996)

28645 001 LEC; Beery, Thomas Harold, 12 cr

31956 002 IEX; Gilbertson, Kenneth Lloyd, 12 cr

31965 003 IEX; Ernst, Julie Ann, 12 cr

31966 004 IEX; Twu, Krista Sue-Lo, 12 cr

### 5165 Theories and Models in Outdoor Education
(A-F only; prereq: instr consent; no Grad School cr; credit will not be granted if already received for Edu 5165)

29603 001 LEC; (Wolf Ridge Environmental Learning Center) When on campus course meet in SPHC 9A.; Gilbertson, Kenneth Lloyd, 2 cr

### 5850 Classroom Applications
(A-F only; prereq: Med candidate or instr consent, no Grad School credit)

29715 001 LEC; 01:30pm-06:00pm F, SPHC 9; OFFCOMPUND.; (Wolf Ridge Environmental Learning Center Certificate Course); Ernst, Julie Ann, 2 cr

### 5855 Programming for School Systems
(A-F only; prereq: 5850, Educ 5850 or instr consent, no Grad School credit)

31974 001 LEC, 12:00pm-02:50pm T, Room TBA, DULUTH, Ernst, Julie Ann, 2 cr

### 5996 Outdoor Education Seminar
(max crs 3; I-P only allowed; S-N only; prereq instr consent, no Grad School cr; credit will not be granted if already received for Rec 4996)

28646 001 SEM, 03:00pm-03:50pm M, SPHC 9; Beery, Thomas Harold, 1 cr

### ENVIRONMENTAL EDUCATION (EnEd)

#### College of Education & Human Service Professions

1000 Introduction to Outdoor Recreation
(A-F only; prereq: Credit will not be granted if already received for REC 1000)

30765 001 LEC, 02:00pm-03:50pm MW, SPHC 208; Ernst, Julie Ann, 4 cr

3341 Field Interpretive Techniques I
(A-F only; prereq: Rec 2300 or instr consent; credit will not be granted if already received for REC 3341)

28643 001 LEC, 02:00pm-04:50pm W, SPHC 8; Course includes off campus field trip.; Beery, Thomas Harold, 3 cr

29252 002 LEC, 02:00pm-04:50pm W, SPHC 9A; Course includes off campus field trip.; Bates, Timothy Alan, 3 cr

4163 Outdoor Education Methods
(A-F only; prereq: Rec 3342 or instr consent; no Grad School cr; credit will not be granted if already received for EDUC 4163)

30764 001 LEC, 02:00pm-04:50pm Th, SPHC 9A; Course includes a weekend field trip.; Gilbertson, Kenneth Lloyd; Bates, Timothy Alan, 3 cr.

4315 Operations and Management
(A-F only; prereq: Rec 2300 or instr consent; no Graduate School credit)

28644 001 LEC, 09:00am-09:50am MTWTH, SPHC 9; Gilbertson, Kenneth Lloyd, 4 cr

### 4410 Ropes Course Management
(A-F only; prereq: Rec 2300 or instr consent, no Grad School cr; credit will not be granted if already received for Rec 4410)

30116 001 LEC, 01:00pm-04:00pm T, SPHC 9A; Course meets off-campus after 1st week.; Zmudy PhD, Mark Howard, 3 cr

### 6010 Wilderness Philosophy
(preq No Grad School cr; credit will not be granted if already received for Educ 6010)

29234 001 LEC, 02:00pm-04:50pm MW, Engr 290; Mageau, Michael T, 2 cr

### 3300 Human Biomechanics
(Human only; prereq: Phys 1001; athletic training cand or exercise science cand or instr consent)

28634 001 LEC, 09:00am-10:50am MW, SpHC 208; Levy, Morris, 4 cr

29120 002 LAB, 08:00am-09:15am T, SpHC 205, 08:00am-09:15am T, FH 25, Levy, Morris, 4 cr

29121 003 LAB, 09:30am-10:45am T, SpHC 205, 09:30am-10:45am T, FH 25, Levy, Morris, 4 cr

30709 004 LAB, 09:30am-10:45am Th, SpHC 205, 09:30am-10:45am Th, FH 25, Levy, Morris, 4 cr

### 3400 Exercise Physiology
(A-F only; prereq: Hlth 2040 or PHSL 3011, athletic training or exercise science or instr consent)

28634 001 LEC, 09:00am-09:50am MW, SPHC 208; Keener PhD, John R

28635 002 LAB, 03:00pm-04:15pm W, SpHC 208; Keener PhD, John R, 4 cr

### 3410 Performance Nutrition and Weight Management
(A-F only; prereq: Hlth 1470, athletic training cand or exercise science cand or instr consent)

28839 001 LEC, 12:00pm-12:50pm MW, SPHC 208; Harkins, Charlene Gall, 4.5 cr
### University of Minnesota - Class Schedule for Duluth Campus

**Fall 2011**

#### Exercise Testing and Prescription
(A-F only; prereq 3400, athletic training or exercise science cand or instr consent)

<table>
<thead>
<tr>
<th>Crn</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>29087</td>
<td>Clinical Experiences in Athletic Training V (A-F only; prereq 3697, Athletic Training major, no Grad School cr)</td>
<td>Streveler, Megan Jane</td>
<td>2</td>
<td>TTh</td>
<td>12:00-12:50 PM</td>
<td>SpHC 22</td>
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</table>

#### Statistics and Research Methods in Exercise Science
(A-F only; prereq 12 cr or 3200, 3300, 3400, 3410, athletic training or exercise science candidate, no Grad School cr)

<table>
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<tr>
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<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>34070</td>
<td>Statistics and Research Methods in Exercise Science (A-F only; prereq 4001 or instr consent, exercise science cand or instr consent, no Grad School cr)</td>
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#### Principles of Strength and Conditioning Programs
(A-F only; prereq 3400, athletic training or exercise science cand or instr consent)

<table>
<thead>
<tr>
<th>Crn</th>
<th>Course Title</th>
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<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>1001</td>
<td>Exercise Leadership (A-F only; prereq Exercise Science course or instr consent)</td>
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</table>

#### University of Minnesota - Class Schedule for Duluth Campus

**February 22, 2011**

<table>
<thead>
<tr>
<th>Crn</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>29787</td>
<td>Medical Aspects of Athletic Training (A-F only; prereq 3440, athletic training major, no Grad School cr)</td>
<td></td>
<td>2</td>
<td>TTh</td>
<td>09:30-10:45 AM</td>
<td>SpHC 210</td>
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</tbody>
</table>

#### FAMILY MEDICINE (FMed)

**Duluth School of Medicine**

<table>
<thead>
<tr>
<th>Crn</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>5991</td>
<td>Independent Study</td>
<td></td>
<td>7</td>
<td>MWF</td>
<td>01:00-02:50 PM</td>
<td>SpHC 201</td>
</tr>
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</table>

#### FINANCE & MANAGEMENT INFORMATION (FIMIS)

**Labovitz School of Business & Economics**

<table>
<thead>
<tr>
<th>Crn</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2201</td>
<td>Information Technology in Business (Credit will not be granted if credit has been received for: CS 1011; A-F only; prereq LSBE student or Computer Information Systems majors, min 15 cr or college consent)</td>
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</table>

This information is accurate as of: 2/22/2011
Fall 2011

University of Minnesota - Class Schedule for Duluth Campus

29379 007 LEC, 03:00pm-03:50pm MWF, LSBE 129; (LSBE candidates); Meets with: 29380 FMIS 3301 , 3 cr

29380 007 LEC, 03:00pm-03:50pm MWF, LSBE 129; (Non-LSBE Business Adm minor); Meets with: 29397 FMIS 3301 , 3 cr

29397 009 LEC, 11:00am-12:15pm TTh, LSBE 129; (LSBE candidates); Meets with: 29956 FMIS 3301 , 3 cr

29956 010 LEC, 11:00am-12:15pm TTh, LSBE 129; (Non-LSBE Business Adm minor); Meets with: 29955 FMIS 3301 , 3 cr

3397 LSBE Internship (A-F only; prereq: consent of internship director)

3601 Corporate Finance (A-F only; prereq: LSBE cand or approved non-LSBE bus adm minor or college consent)

29757 001 LEC, 10:00am-10:50am MWF, LSBE 129; (LSBE candidates); Meets with: 28746 FMIS 3601; Wong, Shee Q, 3 cr

28746 002 LEC, 10:00am-10:50am MWF, LSBE 129; (Non-LSBE Business Adm minor); Meets with: 29757 FMIS 3601; Wong, Shee Q, 3 cr

29306 003 LEC, 09:00am-09:50am MWF, LSBE 129; (LSBE candidates); Meets with: 29037 FMIS 3601; Wong, Shee Q, 3 cr

29037 004 LEC, 09:00am-09:50am MWF, LSBE 129; (Non-LSBE Business Adm minor); Meets with: 29036 FMIS 3601; Wong, Shee Q, 3 cr

29320 005 LEC, 09:00am-09:50am MWF, LSBE 135; (LSBE candidates); Meets with: 29231 FMIS 3601; Vizanko, James, 3 cr

29231 006 LEC, 09:00am-09:50am MWF, LSBE 135; (Non-LSBE Business Adm minor); Meets with: 29230 FMIS 3601; Vizanko, James, 3 cr

29381 007 LEC, 11:00am-12:15pm TTh, LSBE 135; (LSBE candidates); Meets with: 29382 FMIS 3601 , 3 cr

29382 008 LEC, 11:00am-12:15pm TTh, LSBE 135; (Non-LSBE Business Adm minor); Meets with: 29381 FMIS 3601 ; Vizanko, James, 3 cr

30259 009 LEC, 01:00pm-01:50pm MWF, LSBE 135; (LSBE candidates); Meets with: 30260 FMIS 3601; Vizanko, James, 3 cr

30360 010 LEC, 01:00pm-01:50pm MWF, LSBE 135; (Non-LSBE Business Adm minor); Meets with: 30259 FMIS 3601; Vizanko, James, 3 cr

3612 Managerial Finance (A-F only; prereq: FMIS 3601, LSBE cand or college consent)

28350 001 LEC, 09:00am-09:50am MWF, LSBE 225; (A-F only; prereq: FMIS 3619; A-F only; prereq: 4616, dept consent; no Grad School cr)

29917 001 LEC, 09:00am-10:45am TTh, LSBE 112; Artim, Joseph Keith, 3 cr

4620 Portfolio Theory and Analysis (A-F only; prereq: FMIS 3644, Acct 3101 or FMIS 3619; dept consent; no Grad School cr)

29379 008 LEC, 11:00am-12:15pm TTh, LSBE 129; (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office)

30268 001 LEC, 09:00am-10:45am TTh, LSBE 112; Artim, Joseph Keith, 3 cr

4644 Portfolio Management (A-F only; prereq: FMIS 3644, LSBE candidate)

30851 001 LEC, 03:30pm-04:45pm TTh, LSBE 233; Perry, Timothy Tyson, 3 cr

FOREIGN STUDIES (FORS) UMD-Academic Administration

1100 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32067 001 LEC, 1-20 cr

1101 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32088 001 LEC, 1-20 cr

1102 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32089 001 LEC, 1-20 cr

1103 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32090 001 LEC, 1-20 cr

1104 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32091 001 LEC, 1-20 cr

1105 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32092 001 LEC, 1-20 cr

1106 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32093 001 LEC, 1-20 cr

1107 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32094 001 LEC, 1-20 cr

1108 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32095 001 LEC, 1-20 cr

2009 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32096 001 LEC, 1-20 cr

2020 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32097 001 LEC, 1-20 cr

2021 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32098 001 LEC, 1-20 cr

2022 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32099 001 LEC, 1-20 cr

2023 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32100 001 LEC, 1-20 cr

2024 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32101 001 LEC, 1-20 cr

2025 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32102 001 LEC, 1-20 cr

2026 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32103 001 LEC, 1-20 cr

2027 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32104 001 LEC, 1-20 cr

2028 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32105 001 LEC, 1-20 cr

2029 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32106 001 LEC, 1-20 cr

3131 International Student Teaching (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

31862 001 LEC, 07/30/11-06/01/12; Sersha, James Paul, 1-20 cr

3300 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32107 001 LEC, 1-20 cr

3301 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32108 001 LEC, 1-20 cr

3302 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32109 001 LEC, 1-20 cr

3303 International Education (max crs 20; prereq: admission to an approved study abroad program requires consent from the International Education Office)

32110 001 LEC, 1-20 cr

This information is accurate as of: 2/22/2011
<table>
<thead>
<tr>
<th>Course Description</th>
<th>Author(s)</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Comparative Study of World Regional Geography</td>
<td>Hanson PhD, Randel Dean</td>
<td>1-4 cr</td>
</tr>
<tr>
<td>Introduction to Maps and Geospatial Information</td>
<td>Carlson MS, Kate, Susan R</td>
<td>3 cr</td>
</tr>
<tr>
<td>Introduction to Environmental Policy and Planning</td>
<td>Hanson PhD, Randel Dean</td>
<td>1-4 cr</td>
</tr>
<tr>
<td>Introduction to Human Geography</td>
<td>Hanson PhD, Randel Dean</td>
<td>1-4 cr</td>
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<tr>
<td>Introduction to Physical Geography</td>
<td>Hanson PhD, Randel Dean</td>
<td>1-4 cr</td>
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<tr>
<td>Introduction to Urban Geography</td>
<td>Hanson PhD, Randel Dean</td>
<td>1-4 cr</td>
</tr>
<tr>
<td>Location Analysis</td>
<td>Hanson PhD, Randel Dean</td>
<td>1-4 cr</td>
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<tr>
<td>Meteorology</td>
<td>Hanson PhD, Randel Dean</td>
<td>1-4 cr</td>
</tr>
<tr>
<td>Physical Geography</td>
<td>Hanson PhD, Randel Dean</td>
<td>1-4 cr</td>
</tr>
<tr>
<td>Rural Development</td>
<td>Hanson PhD, Randel Dean</td>
<td>1-4 cr</td>
</tr>
<tr>
<td>Urban Geography</td>
<td>Hanson PhD, Randel Dean</td>
<td>1-4 cr</td>
</tr>
<tr>
<td>Water Resources</td>
<td>Hanson PhD, Randel Dean</td>
<td>1-4 cr</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>CRN</td>
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<tr>
<td>1104</td>
<td>Health Science Terminology</td>
<td>28042</td>
</tr>
<tr>
<td>1470</td>
<td>Human Nutrition</td>
<td>28043</td>
</tr>
<tr>
<td>1600</td>
<td>Basic First Aid and CPR</td>
<td>28982</td>
</tr>
<tr>
<td>1700</td>
<td>First Responder</td>
<td>28981</td>
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<tr>
<td>2030</td>
<td>Applied Human Anatomy</td>
<td>28658</td>
</tr>
<tr>
<td>2040</td>
<td>Principles of Human Physiology</td>
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**GRADUATE SCHOOL (Grad)**

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<tr>
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<th>Type</th>
<th>Instructor</th>
<th>Credits</th>
<th>Description</th>
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<tbody>
<tr>
<td>999</td>
<td>Graduate School Active Status</td>
<td>29284</td>
<td>001 ND</td>
<td>0 cr</td>
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**HEALTH (Hlth)**

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<th>Course Code</th>
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<th>Instructor</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3101</td>
<td>Community Health</td>
<td>28639</td>
<td>LEC</td>
<td>Keeney</td>
<td>3 cr</td>
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<tr>
<td>3115</td>
<td>Consumer Health Education</td>
<td>28570</td>
<td>@001 LEC</td>
<td>09-06-11:09-30/11, instruction mode; Distance Education Other; This is a 4-week online course. Students must be registered and begin the course at the start of the semester, which is September 6, 2011, and complete all requirements by September 30, 2011. No exceptions. Enrolled students who do not access the Web/Vista course during the first week and/or cannot complete the entire week of coursework for any reason will automatically be dropped from the course. Initial course information will be sent to your UMD email account. To activate your account go to <a href="https://www.umn.edu/initiate">https://www.umn.edu/initiate</a> and follow the instructions.; Versnik Nowak, Amy L, 3 cr</td>
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**HCC (HCM)**

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<th>Type</th>
<th>Instructor</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4520</td>
<td>Health Care Organization and Management</td>
<td>28631</td>
<td>LEC</td>
<td>Keener</td>
<td>3 cr</td>
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<tr>
<td>3000</td>
<td>Executive Health Education</td>
<td>28632</td>
<td>LEC</td>
<td>Keener</td>
<td>3 cr</td>
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**Notes:**
- Course codes and CRNs are listed for each course.
- Instructors' names and contact information are provided.
- Credits and required course modes are indicated.
- Additional information on course requirements and exceptions is provided.
### INTEGRATED BIO SCIENCES (IBS)

<table>
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<th>Course Code</th>
<th>Subject</th>
<th>Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Notes</th>
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<tbody>
<tr>
<td>8011</td>
<td>Integrated Biological Systems</td>
<td>(A-F; prereq IBS Graduate Student)</td>
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<tr>
<td>299696</td>
<td>College of Biological Systems</td>
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<tr>
<td>299667</td>
<td>IBS Biotechnology Colloquia</td>
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<tr>
<td>8020</td>
<td>Integrated Biosciences Colloquia</td>
<td>(max crs 4; 4 repeats allowed; S-N only; prereq IBS Graduate Student)</td>
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<tr>
<td>8001</td>
<td>The Biological Practitioner</td>
<td>(S-Nonly; prereq IBS Graduate Student)</td>
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<tr>
<td>8097</td>
<td>College of Liberal Arts</td>
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</tbody>
</table>
University of Minnesota - Class Schedule for Duluth Campus

**Fall 2011**

### MANAGEMENT STUDIES (MgtS)

#### Labovitz School of Business & Economics

**Organizational Behavior and Management**

(A-F; prereq: 3401, 3801; LSBE cand or bus adm minor or college consent)

- **28435** 001 LEC, 09:00am-09:50am MWF, LSBE 135; (Non-LSBE Business Adm majors); Meets with: 28436 MKTG 3701; Kratz, John L, 3 cr

**Business and Society**

(A-F; prereq: 3401, 3801; LSBE cand or college consent)

- **28436** 002 LEC, 09:00am-09:50am MWF, LSBE 135; (Non-LSBE Business Adm majors); Meets with: 28437 MKTG 3701; Maamoun, Ahmed F., 3 cr

**Entrepreneurship**

(A-F; prereq: LSBE cand or college consent)

- **29389** 007 LEC, 06:00pm-08:40pm M, LSBE 125; (Non-LSBE Business Adm majors); Meets with: 29390 MKTG 3701; Kratz, John L, 3 cr

**Management of Innovation and Technology**

(A-F; prereq: 3401, LSBE cand or college consent)

- **29389** 007 LEC, 12:00pm-12:50pm MWF, LSBE 237; Goel, Sanjay, 3 cr

**Strategic Management**

(A-F; prereq: 3401, MKG 3701, FMS 3301, FMS 3601, 90 cr; LSBE cand or college consent; no Grad School credit)

- **28454** 003 LEC, 10:00am-10:50am MWF, LSBE 225; Bell PhD, Geoffrey George, 3 cr

**Human Resource Issues and Trends**

(A-F; prereq: 3801, LSBE cand or college consent)

- **28454** 003 LEC, 08:00am-09:15am TTh, LSBE 229; Kratz, John L, 3 cr

**Business and Society**

(A-F; prereq: 3401, 3801; LSBE cand or college consent)

- **28454** 001 LEC, 04:00pm-05:15pm MW, LSBE 229; Mencl, Jennifer, 1-3 cr; T: Developing Managerial Skills

**Organizational Management Internship**

(A-F; prereq: LSBE cand, consent of internship director)

- **29907** 001 IEX; Kaas, Duane A, 3 cr

**Human Resource Management**

(A-F; prereq: LSBE cand or approved non-LSBE bus adm minor or college consent)

- **28416** 001 LEC, 06:00pm-08:00pm T, LSBE 135; (Non-LSBE Business Adm majors); Meets with: 28417 MKTG 3701; Castleberry Sr, Stephen Byron, 3 cr

**Special Topics:**

(Various Titles to be Assigned)

(max crs: 3; A-F; prereq: 3401, 3801; MKG 3701, FMS 3301, FMS 3601, 90 cr; LSBE cand or college consent; no Grad School credit)

- **29389** 004 LEC, 07:00am-08:15am MWF, LSBE 225; Bell PhD, Geoffrey George, 3 cr

**Human Resource Issues and Trends**

(A-F; prereq: 3801, LSBE cand or college consent)

- **28495** 001 LEC, 12:00pm-12:15pm TTh, LSBE 229; Maamoun, Ahmed F., 3 cr

**Marketing Research**

(A-F; prereq: MKG 3701 or MKG 3702, LSBE cand or college consent; credit will not be granted if already received for MKG 3701)

- **28446** 001 LEC, 01:00pm-01:50pm MW, LSBE 229; Maamoun, Ahmed F., 3 cr

- **29008** 001 LEC, 10:00am-11:15am TTh, LSBE 229; Kaas, Duane A, 3 cr

**International Marketing**

(A-F; prereq: MKG 3701 or MKG 3702, LSBE cand or college consent; credit will not be granted if already received for MKG 3701)

- **28446** 001 LEC, 01:00pm-01:50pm MW, LSBE 229; Maamoun, Ahmed F., 3 cr

**Entrepreneurship**

(A-F; prereq: MKG 3701 or MKG 3702, LSBE cand or college consent; credit will not be granted if already received for MKG 3701)

- **28446** 001 LEC, 01:00pm-01:50pm MW, LSBE 229; Maamoun, Ahmed F., 3 cr

**Human Resource Issues and Trends**

(A-F; prereq: 3801, LSBE cand or college consent)

- **28495** 001 LEC, 12:00pm-12:15pm TTh, LSBE 229; Maamoun, Ahmed F., 3 cr

**Business- to-Business Marketing**

(A-F; prereq: MKG 3701 or MKG 3702, LSBE cand or college consent; credit will not be granted if already received for MKG 4711)

- **30734** 001 LEC, 08:00am-09:15am TTh, LSBE 229; Kratz, John L, 3 cr

**Marketing**

(A-F; prereq: MKG 3701 or MKG 3702, LSBE cand or college consent; credit will not be granted if already received for MKG 4721)

- **29599** 001 LEC, 11:00am-12:15pm TTh, LSBE 225; this section involves a team consulting project with a business.; Kratz, John L, 3 cr

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This information is accurate as of: 2/22/2011
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### Fall 2011

**University of Minnesota - Class Schedule for Duluth Campus**

#### Engineering (ME) - Swenson College of Science & Engineering

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Material Science for Engineers</td>
<td></td>
<td>3 cr</td>
<td>02:00pm-02:50pm</td>
<td>MWF, Chp 122</td>
</tr>
<tr>
<td>Chemical and Physical Properties of Materials</td>
<td></td>
<td>3 cr</td>
<td>02:00pm-02:50pm</td>
<td>MWF, Chp 122</td>
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<tr>
<td>Dynamic Systems and Control</td>
<td></td>
<td>3 cr</td>
<td>02:00pm-02:50pm</td>
<td>MWF, Chp 122</td>
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<tr>
<td>Thermodynamics</td>
<td></td>
<td>3 cr</td>
<td>02:00pm-02:50pm</td>
<td>MWF, Chp 122</td>
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#### Medical Microbiology and Immunology (MBi)

<table>
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<tr>
<th>Course Title</th>
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<th>Credits</th>
<th>Time</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>Immunology</td>
<td></td>
<td>3 cr</td>
<td>02:00pm-02:50pm</td>
<td>MWF, Med 202</td>
</tr>
<tr>
<td>Problems in Medical Microbiology and Immunology</td>
<td></td>
<td>3 cr</td>
<td>02:00pm-02:50pm</td>
<td>MWF, Med 202</td>
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#### Medical Physiology (Phs)

<table>
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<tr>
<th>Course Title</th>
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<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>Thermodynamics</td>
<td></td>
<td>3 cr</td>
<td>02:00pm-02:50pm</td>
<td>MWF, Med 202</td>
</tr>
<tr>
<td>Dynamic Systems and Control</td>
<td></td>
<td>3 cr</td>
<td>02:00pm-02:50pm</td>
<td>MWF, Med 202</td>
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<tr>
<td>Immunology</td>
<td></td>
<td>3 cr</td>
<td>02:00pm-02:50pm</td>
<td>MWF, Med 202</td>
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This information is accurate as of: 2/22/2011
This information is accurate as of: 2/2/2011
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<tr>
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<th>Schedule</th>
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<tr>
<td>Oboe</td>
<td>Non-Major</td>
<td>1 cr</td>
<td>Pospisil, Mark Eugene</td>
<td>31652</td>
<td>002 STU,</td>
</tr>
<tr>
<td></td>
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<td>(1 hr arranged lesson)</td>
</tr>
<tr>
<td>Trombone</td>
<td>Non-Major</td>
<td>1 cr</td>
<td>Schanning, Mark Eugene</td>
<td>28485</td>
<td>001 STU,</td>
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<td>(1 hr arranged lesson)</td>
</tr>
<tr>
<td>French Horn</td>
<td>Non-Major</td>
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<td>Janell Marie, Mark Eugene</td>
<td>31650</td>
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<td>(1 hr arranged lesson)</td>
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<tr>
<td>Tuba</td>
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<td>Scott, Daniel W</td>
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<td>(1 hr arranged lesson)</td>
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This information is accurate as of: 2/22/2011
### University of Minnesota - Class Schedule for Duluth Campus

#### Fall 2011

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>28451</td>
<td>003 REH, 06:00pm-06:50pm TTh, WMH 206; (Combo II); Meets with: 28525 MU 4541; Frane, Ryan J; Plotenhuau, Thomas R; 1 cr</td>
<td>Jonker, Jacob Peter</td>
<td>1 cr</td>
<td>28514</td>
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<tr>
<td>28454</td>
<td>001 REH, 09:00pm-10:00pm TTh, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10); 1 seat reserved for Continuing Education: Anderson, A; 3 cr</td>
<td>Whitlock, Mark Eugene</td>
<td>3 cr</td>
<td>29048</td>
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<tr>
<td>28455</td>
<td>002 REH, 10:40am-11:30am F, BohH 343; (1 hr arr); Meets with: 29834 MU 2105, 28536 MU 4105; Rubín, Justin Henry</td>
<td>2 cr</td>
<td>28515</td>
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<td>28456</td>
<td>004 REH, 04:00pm-05:00pm MW, WMH 206; (Combo IV); Meets with: 28527 MU 4541; Koshinski, Eugene J; 1 cr</td>
<td>Pfotenhauer, Thomas R</td>
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<td>28516</td>
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<tr>
<td>28457</td>
<td>006 REH, 07:00am-07:50am F, Mohr 80; (Pep Band); Meets with: 28526 MU 4541; Eaton, Daniel W; 1 cr</td>
<td>1 cr</td>
<td>28517</td>
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<tr>
<td>28458</td>
<td>008 REH, 02:00pm-02:50pm MW, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10); 1 seat reserved for Continuing Education: Anderson, A; 3 cr</td>
<td>Rubín, Justin Henry; Whitlock, Mark Eugene; Koshinski, Eugene J; 1 cr</td>
<td>1 cr</td>
<td>28519</td>
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<td>28459</td>
<td>010 REH, 01:20pm-02:10pm MWF, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10); 1 seat reserved for Continuing Education: Anderson, A; 3 cr</td>
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<tr>
<td>28460</td>
<td>011 REH, 02:40pm-03:30pm MW, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10); 1 seat reserved for Continuing Education: Anderson, A; 3 cr</td>
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<td>28521</td>
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<td>28461</td>
<td>012 REH, 03:00pm-03:50pm MW, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10); 1 seat reserved for Continuing Education: Anderson, A; 3 cr</td>
<td>1 cr</td>
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<tr>
<td>28462</td>
<td>013 REH, 04:00pm-04:50pm MWF, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10); 1 seat reserved for Continuing Education: Anderson, A; 3 cr</td>
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<td>28463</td>
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<tr>
<td>28465</td>
<td>016 REH, 08:00pm-09:00pm MWF, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10); 1 seat reserved for Continuing Education: Anderson, A; 3 cr</td>
<td>1 cr</td>
<td>28526</td>
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<tr>
<td>28466</td>
<td>017 REH, 09:00pm-10:00pm MWF, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10); 1 seat reserved for Continuing Education: Anderson, A; 3 cr</td>
<td>1 cr</td>
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<tr>
<td>28467</td>
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<tr>
<td>28468</td>
<td>019 REH, 11:00am-12:00am MWF, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10); 1 seat reserved for Continuing Education: Anderson, A; 3 cr</td>
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<td>28529</td>
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<tr>
<td>28469</td>
<td>020 REH, 12:00am-01:00am MWF, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10); 1 seat reserved for Continuing Education: Anderson, A; 3 cr</td>
<td>1 cr</td>
<td>28530</td>
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<tr>
<td>28470</td>
<td>021 REH, 01:00am-02:00am MWF, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10); 1 seat reserved for Continuing Education: Anderson, A; 3 cr</td>
<td>1 cr</td>
<td>28531</td>
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<tr>
<td>28471</td>
<td>022 REH, 02:00am-03:00am MWF, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10); 1 seat reserved for Continuing Education: Anderson, A; 3 cr</td>
<td>1 cr</td>
<td>28532</td>
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<tr>
<td>28472</td>
<td>023 REH, 03:00am-04:00am MWF, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10); 1 seat reserved for Continuing Education: Anderson, A; 3 cr</td>
<td>1 cr</td>
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<tr>
<td>28473</td>
<td>024 REH, 04:00am-05:00am MWF, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10); 1 seat reserved for Continuing Education: Anderson, A; 3 cr</td>
<td>1 cr</td>
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<tr>
<td>28474</td>
<td>025 REH, 05:00am-06:00am MWF, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10); 1 seat reserved for Continuing Education: Anderson, A; 3 cr</td>
<td>1 cr</td>
<td>28535</td>
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This information is accurate as of: 2/22/2011
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<table>
<thead>
<tr>
<th>Course</th>
<th>Section</th>
<th>Assignment</th>
<th>Instructor</th>
<th>Prerequisites</th>
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</thead>
<tbody>
<tr>
<td>Bass - Non-major</td>
<td>4358</td>
<td>(max crs 12; 12 repeats allowed; prereq Non-music major or music major secondary instrument)</td>
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</tr>
<tr>
<td>Bass - Major</td>
<td>4359</td>
<td>(max crs 12; 6 repeats allowed; A-F only; prereq Music major, MU 300, performance majors register for 3 or all others register for 2 cr)</td>
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<tr>
<td>Clarinet - Non-major</td>
<td>4360</td>
<td>(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)</td>
<td></td>
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<tr>
<td>Clarinet - Major</td>
<td>4361</td>
<td>(max crs 12; 6 repeats allowed; A-F; prereq Music major, music major performs majors register for 3 or all others register for 2 cr.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saxophone - Non-Major</td>
<td>4362</td>
<td>(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saxophone - Major</td>
<td>4363</td>
<td>(max crs 12; 6 repeats allowed; A-F; prereq Music major, MU 300, performance majors register for 3 or all others register for 2 cr.)</td>
<td></td>
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<tr>
<td>Flute - Non-major</td>
<td>4364</td>
<td>(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)</td>
<td></td>
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<tr>
<td>Flute - Major</td>
<td>4365</td>
<td>(max crs 12; 6 repeats allowed; A-F only; prereq Music major, MU 300, performance majors register for 3 or all others register for 2 cr)</td>
<td></td>
<td></td>
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<tr>
<td>Oboe - Non-major</td>
<td>4366</td>
<td>(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)</td>
<td></td>
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<tr>
<td>Oboe - Major</td>
<td>4367</td>
<td>(max crs 12; 6 repeats allowed; A-F only; prereq Music major, MU 300, performance majors register for 3 or all others register for 2 cr)</td>
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</tr>
</tbody>
</table>

This information is accurate as of: 2/22/2011
Fall 2011

University of Minnesota - Class Schedule for Duluth Campus

4510 Concert Chorale
(max cs: 6; repeats allowed; A-F only; prereq: instructor determines placement)

4511 University Singers
(max cs: 6; repeats allowed; A-F only; prereq: instructor determines placement)

4512 Chamber Singers
(max cs: 6; repeats allowed; A-F only; prereq: instructor determines placement)

4513 Vocal Jazz Ensemble
(max cs: 6; repeats allowed; A-F only; prereq: instructor determines placement)

4514 Chamber Music
(max cs: 12; 12 repeats allowed; A-F only; prereq: instructor course)

4521 Piano Pedagogy and Practicum I
(A-F only; prereq: music majors or instr consent)

4522 Jazz Pedagogy
(A-F only; prereq: Muz 2121, 2122)

4597 Internship in Music
(max cs: 4; 4 repeats allowed; A-F only; prereq: departmental consent)

4599 Advanced Choral Literature
(A-F only; prereq: grad student or instr consent)

4601 Applied Music Teaching
(A-F only; prereq: instr consent)

4602 Music Bibliography and Research
(A-F only; prereq: graduate student or instr consent)

4603 Graduate Recital
(max cs: 2; A-F only; prereq: grad student or instr consent)

4801 Graduate Music Theory
(A-F only; prereq: graduate student or instr consent)

4802 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4803 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4804 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4805 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4806 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4807 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4808 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4809 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4810 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4811 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4812 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4813 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4814 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4815 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4816 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4817 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4818 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4819 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4820 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4821 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4822 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4823 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4824 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4825 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4826 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4827 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4828 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4829 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4830 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4831 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4832 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4833 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4834 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4835 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4836 Advanced Operatic Literature
(A-F only; prereq: grad student or instr consent)

4837 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4838 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4839 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4840 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4841 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4842 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4843 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4844 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4845 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4846 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4847 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4848 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4849 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4850 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4851 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4852 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4853 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4854 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4855 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4856 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4857 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4858 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4859 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)

4860 Advanced Operative Literature
(A-F only; prereq: grad student or instr consent)
University of Minnesota - Class Schedule for Duluth Campus

Fall 2011

3200 Drugs and the United States Health Care System
(Credit will not be granted if credit has been received for: PHAR 5500, PHAR 6200; A-F, prereq instructor)
31577 001 INI; Bastianelli, Karen Marie; Pittenger, Amy Louise, 3 cr

5201 Health Sciences Applied Terminology
(prereq Basic knowledge of human anatomy/physiology.)
25623 001 IND; Bastianelli, Karen Marie; Pittenger, Amy Louise, 3 cr

5202 Therapeutics of Herbal and Other Natural Medicinals
(A-F; prereq Phil 6501, organic chemistry, pathophysiology of disease states, 3rd or 4th yr pharmacy student)
31959 001 LEC; 03:35pm-05:30pm W, LSCI 160; Kingston, Richard L, 2 cr

5700 Applied Fundamentals of Pharmacotherapy
(Credit will not be granted if credit has been received for: PHAR 3700; A-F, prereq Medical Terminology and admission to a graduate program or instructor)
30346 001 INI; Pittenger, Amy Louise; Bastianelli, Karen Marie, 3 cr

6001 Systems Physiology for Pharmacy
(A-F; prereq [Biochemistry, human anatomy] recommended; First year pharmacy student)
29432 001 LEC; 01:25pm-02:15pm MTWTF, LSCI 165; Lichtblau PhD, Leonard; Bauer, Bjorn, 5 cr

6111 The Practice of Pharmaceutical Care I
(A-F; prereq First yr pharmacy student, Concurrent registration is required (or allowed in 6171)
29426 001 LEC; 02:30pm-03:45pm W, LSCI 165, 03:35pm-04:50pm Th, Room TBA; Stratton, Tim, 3 cr

6121 Pharmacotherapy I: Patient-Centered Pathophysiologic Approach
(A-F; prereq 6111, 6112. Concurrent registration is required (or allowed in) 5101, 6163, 6154 and 6173)
29614 001 LEC; 10:10am-12:55pm MW, LSCI 163, 10:10am-11:00am F, Room TBA; Undeberg PharmD, Megan R; Jacobson, Pamala Ann, 5 cr

6123 Pharmacotherapy III: Patient-Centered Pathophysiologic Approach
(A-F; prereq 5101, 5102. 6112, 6113, 6163, Concurrent registration is required (or allowed in) 6171)
29705 001 LEC; 01:25pm-03:20pm MW, LSCI 163, 01:25pm-02:15pm F, Room TBA; Swanson PharmD, Michael T; Kolyar, Michael, 5 cr

6132 Biostatistics and Drug Literature Evaluation
(A-F; prereq 6111, Concurrent registration is required (or allowed in) 6173)
29615 001 LEC; 10:10am-12:55pm T, LSCI 163; Worley, Marcia Marie; Reidi, Shannon Lee, 2 cr

6141 Medical Microbiology and Immunizations
(A-F)
29429 001 LEC; 02:30pm-03:20pm TH, LSCI 165; Remmel, Rory P; Anderson, Grant, 1 cr

6150 Honors: Medicinal Chemistry Seminar
(max crs; 2 A-F only; prereq 6150; meets HON req of Honors)
30070 001 SEM; 03:30pm-05:00pm Th, LSCI 160; Abul-Haj, Yusuf J, 1 cr

6151 Biochemistry of Medicinals I
(A-F)
29430 001 LEC; 11:15am-12:55pm MW, LSCI 165; Rumbley, Jon N; Ferguson, David M, 3 cr

6154 Medicinal Agents I
(A-F; prereq 6152, Concurrent registration is required (or allowed in) 5101)
29616 001 LEC; 08:00am-08:50am MW, LSCI 163; Mereedy, Venkatram R; Feick, Robert A, 3 cr
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>6277</td>
<td>Leading Change Project (S-N; prerequisite: 6237)</td>
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<tr>
<td>30324</td>
<td>001 IND: Janke PhD, Kristin Kari; Sorenson, Todd D., 2 cr</td>
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<tr>
<td>6228</td>
<td>Leading Change Portfolio (S-N; prerequisite: 6237)</td>
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<tr>
<td>30334</td>
<td>001 IND: Janke PhD, Kristin Kari; Sorenson, Todd D., 2 cr</td>
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<tr>
<td>6233</td>
<td>Drug Use Review and Management (A-F; prerequisite: 3rd year pharmacy student, instructor consent)</td>
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<tr>
<td>29804</td>
<td>001 LEC, 03:35pm-05:30pm M, HH 302; Carlson PhD, Angelina M, 2 cr</td>
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<tr>
<td>6236</td>
<td>Clinical and Pharmacy Management in Modern U.S. Health Care and Regulatory Landscape (A-F)</td>
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<tr>
<td>30097</td>
<td>001 LEC, 08:00am-09:55am Th, HH 302; Shim, Andrew, 2 cr</td>
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<tr>
<td>6237</td>
<td>Leading Change in Pharmacy (max crs 8; S-N)</td>
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<tr>
<td>30375</td>
<td>001 LEC, 08:00am-09:55am Th, LSci 160; Janke PhD, Kristin Kari; Sorenson, Todd D., 2 cr</td>
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<tr>
<td>6249</td>
<td>Addiction Medicine, Substance Abuse, and Chemical Dependency (A-F only)</td>
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<tr>
<td>30363</td>
<td>001 LEC, 03:35pm-05:30pm W, LSci 163; Berkner PharmD, Dan; Sioris, Leo James, 2 cr</td>
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<tr>
<td>6260</td>
<td>Honors: Social and Administrative Pharmacy Seminar (A-F; prerequisite: instructor consent; meets HON req of Honors)</td>
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<tr>
<td>29814</td>
<td>001 SEM, 03:30pm-05:00pm Th, LSci 160; Schommer, Jon C, 1 cr</td>
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<tr>
<td>6265</td>
<td>Medicating the Soul: Advanced Issues in Psychopharmacology (A-F; prerequisite: 6155)</td>
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<td>30329</td>
<td>001 LEC, 10:10am-12:05pm W, LSci 160; Einart, Haim, 2 cr</td>
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<tr>
<td>6277</td>
<td>Leadership Best Sellers Pharmacy (A-F)</td>
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<tr>
<td>31779</td>
<td>001 DST; Sorenson, Todd D.; Janke PhD, Kristin Kari, 2 cr</td>
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<tr>
<td>6260</td>
<td>Honors: Pharmaceutics Seminar (A-F only; prerequisite: instructor consent; meets HON req of Honors)</td>
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<tr>
<td>30371</td>
<td>001 SEM, 04:00pm-05:15pm Th, HH 302; Sun, Calvin, 1 cr</td>
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<tr>
<td>6270</td>
<td>Honors: Critical Care Seminar (A-F; prerequisite: instructor consent; meets HON req of Honors)</td>
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<tr>
<td>29807</td>
<td>001 SEM, 01:25pm-03:20pm T, LSci 160; Sisson, Debbie; Skara, Debra Jane, 2 cr</td>
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<tr>
<td>6295</td>
<td>Directed Research I (max crs 5; prerequisite: instructor consent)</td>
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<tr>
<td>29701</td>
<td>001 DRS, 1-5 cr</td>
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<tr>
<td>31867</td>
<td>002 DRS: Sheets, Erin D, 1-5 cr</td>
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<tr>
<td>6294</td>
<td>Directed Study I (max crs 5; 5 repeats allowed; prerequisite: instructor consent)</td>
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<td>29678</td>
<td>001 DST, 1-5 cr</td>
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<td>6393</td>
<td>Directed Research II (max crs 5; prerequisite: instructor consent)</td>
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<td>29702</td>
<td>001 DRS, 1-5 cr</td>
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<td>6394</td>
<td>Directed Study II (max crs 5; 5 repeats allowed; prerequisite: instructor consent)</td>
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<td>29703</td>
<td>001 DST, 1-5 cr</td>
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<tr>
<td>29669</td>
<td>002 DST; Sisson, Debbie, 1-5 cr</td>
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<tr>
<td>6495</td>
<td>Directed Research III (max crs 5; prerequisite: instructor consent)</td>
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<tr>
<td>29704</td>
<td>001 DRS, 1-5 cr</td>
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<tr>
<td>6494</td>
<td>Directed Study III (max crs 5; prerequisite: instructor consent)</td>
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<td>29601</td>
<td>001 CST, 10:10am-12:05pm M, LSci 160; Stratton, Tim, 2 cr</td>
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PHILOSOPHY (Phil)
College of Liberal Arts

1001 Introduction to Philosophy
(Credit will not be granted if credit has been received for: PHIL 1101; A-F only; meets LE req of LE CAT7)
29769 001 LEC, 03:30pm-04:45pm TTh, SBE 50; Ford, Jason, 3 cr
29793 002 LEC, 02:00pm-03:15pm TTh, VKH 221; Ford, Jason, 3 cr
32260 003 LEC, 08:00am-09:50am MWF, ABAH 225; , 3 cr
32261 004 LEC, 10:00am-10:50am MWF, ABAH 225; , 3 cr
34241 350 LEC; (Online Instruction. Students must
32260 003 LEC, 08:00am-08:50am MWF, ABAH 225; , 3 cr
32261 004 LEC, 10:00am-10:50am MWF, ABAH 225; , 3 cr
32264 001 LEC, 11:00am-12:50pm MW, ABAH 245; , 3 cr

9997 Intern Teaching Assistantship
(max crs 1; only instr consent)
28673 001 IEX, 2 cr

PHYSICAL EDUCATION (PE)
College of Education & Human Service Professions

1220 Intermediate Swimming
(meets LE req of PE)
28655 001 PHY, 02:00pm-03:40pm T, Skyline La SKYLINELEN, OFFCAMPUS; Meets 1st day in SpHC 150A.; Fleissner, Elizabeth A, 1 cr
28682 002 PHY, 02:00pm-03:40pm Th, Skyline La SKYLINELEN; Meets 1st day in SpHC 150A.; Fleissner, Elizabeth A, 1 cr

1507 Introduction to River Kayaking
(meets LE req of PE)
31614 001 PHY, 02:00pm-03:40pm Th, SpHC 20; Carlson, Randall Scott, 1 cr

1508 Flatwater Canoeing
(meets LE req of PE)
28641 001 PHY, 08:00am-11:30am M, Aquatic Ce AQUACENTER, OFFCAMPUS; Meets 1st day in SpHC 0A 1st day.; Beery, Thomas Harold, 1 cr

1511 Sea Kayaking
(A-F only)
29016 001 PHY, 02:00pm-06:00pm Th, Aquatic Ce AQUACENTER; Course includes trip to Apostle Islands.; Kohlin, Patrick Martin, 1 cr

1530 Rock Climbing
(meets LE req of PE)
28661 001 PHY, 02:00pm-06:00pm T, SpHC 78, 09/ 09/11-11/01/11; Webster, Kaiba Marie, 1 cr
28669 002 PHY, 02:00pm-06:00pm Th, SpHC 78, 09/ 09/11-11/01/11; Webster, Kaiba Marie, 1 cr

1601 Aerobics
(meets LE req of PE)
28668 001 PHY, 08:00am-08:50am MW, SpHC 135; (Open CE Reserve seats will be available to SpHC students 08/31/11-12/01/11); 1 seat reserved for Continuing Education; Wendinger, Patricia J, 1 cr

1614 Self Defense
(meets LE req of PE)
31970 090 PHY, 06:00pm-07:00pm T, SpHC 150A, 1 cr

1616 Weight Training
(meets LE req of PE)
28651 001 PHY, 02:00pm-09:50am MW, SpHC 92; (Open CE Reserve seats will be available to UMD students 08/31/11-12/01/11); 1 seat reserved for Continuing Education; Knapp, J M, 1 cr

1706 Volleyball
(meets LE req of PE)
28603 001 PHY, 02:00pm-09:50am MW, SpHC 150; 09/09/50am MW, SpHC 150A; Wendinger, Patricia J, 1 cr

1901 Varsity Football
(max crs 4; 4 repeats allowed; S-N; prereq instr consent)
28626 001 PHY; Nielson, Robert B, 1 cr

1903 Varsity Soccer
(max crs 4; 4 repeats allowed; S-N; prereq instr consent)
28667 001 PHY; Cane, Greg P, 1 cr

1905 Varsity Basketball
(max crs 4; 4 repeats allowed; S-N; prereq instr consent)
28628 001 PHY; Holquist, Gary W, 1 cr
28632 002 PHY; Wiles, Allee M, 1 cr

1907 Varsity Ice Hockey
(max crs 4; 4 repeats allowed; S-N; prereq instr consent)
28609 001 PHY; Sandelin, Scott A, 1 cr
28693 002 PHY; Miller, Shannon, 1 cr

1913 Varsity Cross Country
(max crs 4; 4 repeats allowed; S-N; prereq instr consent)
28690 001 PHY; Nizius, Paul David, 1 cr
31882 002 PHY; Warmington, Joanna M, 1 cr

1917 Varsity Volleyball
(max crs 4; 4 repeats allowed; S-N; prereq instr consent)
28931 001 PHY; Bois, Jim, 1 cr

PHYSICAL EDUCATION TEACHER EDUCATION (PETE)
College of Education & Human Service Professions

1000 Introduction and Foundations of Physical Education
(A-F only; prereq Pre-PE major or instr consent)
29095 001 LEC, 11:00am-11:50am MWTHW, SBE 17, 11:00am-11:50am Th, SpHC 135; Wendinger, Patricia J, 4 cr

1001 Teaching Games and Activities
(A-F only; prereq Pre-PE major)
29035 001 LEC, 08:00am-09:15am TTh, SpHC 8, 08:00am-09:15am Th, SpHC 150A; Wendinger, Patricia J, 2 cr

1002 Teaching Team Sport Activities
(A-F only; prereq Pre-PE)
31341 001 LEC, 10:00am-10:50am MWF, SpHC 210, 10:00am-10:50am MWF, SpHC 150; Wendinger, Patricia J, 2 cr

1005 Teaching Physical Fitness Activities
(A-F only; prereq Pre-PE major)
28631 001 LEC, 08:00am-08:50am MWF, SpHC 210, 08:00am-08:50am MWF, SpHC 92, 08:00am-08:50am MW, FHT, Course meets in classroom on 1st day.; Knapp, J M, 2 cr

1006 Teaching Aquatic Activities
(A-F only; prereq Pre-Physical Education, HLTH 1700; credit will not be granted if already received for both PE 2240 and 2244.)
31342 001 LEC, 09:30am-10:45am TTh, SpHC 20; 08:00am-08:50am Th, SpHC 150A; Knapp, Jim L, 2 cr

1015 Curricular Approaches in Physical Education
(A-F only; prereq Pre-Physical Education)
31322 001 LEC, 08:00am-09:15am TTh, SpHC 9A, 08:00am-09:15am Th, SpHC 150; Zmudzy PhD, Mark Howard, 3 cr

3400 Adapted Physical Education
(A-F only; prereq PE major or candidate or instr consent)
28803 001 LEC, 09:30am-10:45am TTh, SpHC 208, 09:30am-10:45am Th, SpHC 150; Course meets in classroom on 1st day.; Knapp, J M, 3 cr

3500 Student Assessment in Physical Education
(A-F only; prereq PE Major or Candidate or instr consent)
29408 001 LEC, 11:00am-11:50am MWF, SpHC 208, 11:00am-11:50am MWF, SpHC 150; Course will meet in classroom 1st day.; Knapp, Jim L, 3 cr
### University of Minnesota - Class Schedule for Duluth Campus

#### Fall 2011

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>29754</td>
<td>30300</td>
<td>Johnson, Darrin Eric</td>
<td>5 cr</td>
<td>Math 1296 or Math 1596, concurrent registration is required in 2011</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>29488</td>
<td>American Public Policy (A-F only; prereq 1011, min 45 cr or instr consent)</td>
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<tr>
<td>28172</td>
<td>301 IND, 1-4 cr</td>
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<td>29305</td>
<td>302 IND, 1-4 cr</td>
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<td>29306</td>
<td>303 IND, 1-4 cr</td>
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<td>29307</td>
<td>304 IND, 1-4 cr</td>
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<td>29308</td>
<td>305 IND, 1-4 cr</td>
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<td>29309</td>
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<td>29361</td>
<td>308 IND, 1-4 cr</td>
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<td>30120</td>
<td>309 IND, 1-4 cr</td>
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<tr>
<td>29886</td>
<td>Experimental and Politics (A-F only; prereq 1011, 45 cr or instr consent)</td>
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<tr>
<td>29895</td>
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<tr>
<td>30200</td>
<td>Psychology: Discipline and Profession (A-F only; prereq Pre-psychology or psychology major)</td>
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2003 Developmental Psychology

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<td>28258</td>
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2003 Marriages and Families Worldwide

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2003 Gender in Society

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Program: Psychology

The College of Education and Human Service Professions

1003 General Psychology

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<td>28261</td>
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<td>28262</td>
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University of Minnesota - Schedule for Duluth Campus

Fall 2011

This information is accurate as of: 2/22/2011
3022 Applied Methods and Measurement
(A-F only; prereq 3020, 3021 or instr consent)
001 LEC, 03:30pm-04:45pm TTh, ChPk 124;
Lab, Rick A, 4 cr
28676 002 LAB, 01:00pm-01:50pm M, Cina 22;
LaCaille, Rick A, 4 cr
28677 003 LAB, 02:00pm-02:50pm M, Cina 22;
LaCaille, Rick A, 4 cr
004 LEC, 08:00am-09:15am TTh, BohH 108;
Durgunoglu, Aydin Yusecan, 4 cr
29065 005 LAB, 08:00am-08:50am W, Cina 22;
Durgunoglu, Aydin Yusecan, 4 cr
29066 006 LAB, 09:00am-09:50am W, Cina 22;
Durgunoglu, Aydin Yusecan, 4 cr
31708 @050 LAB, instruction mode: Distance
Education Other: Online Instruction - Students
must be registered and begin the course at the start of the semester, and complete all requirements by the end of
semester. No exceptions. Initial course information will be sent to you via your UMD email account. To activate your account go to
https://www.umn.edu/initiate/? and follow the directions...Dowell PhD, Kathy, 4 cr

3061 Physiological Psychology
(A-F only; prereq 1003 or instr consent)
30773 001 LEC, 12:00pm-12:50pm MTWTh, BohH 108;
(Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psty; 10 seats reserved for Psychology Minor; Lloyd, Robert, 4 cr
33245 350 LEC; (Online Instruction- Students must
register by 12/16/11. No exceptions. Initial course information will be available to UMD students on August 30, 2011.); 16 seats reserved for Psy major or pre-psty; 8 seats reserved for Psychology Minor; 4 seats reserved for Psy Online Students; Dowell, Paula Jean, 3 cr

3081 History and Systems of Psychology
(A-F only; prereq 1003 or instr consent)
29980 @001 LEC, 02:00pm-03:15pm TTh, Chem 251, instruction mode: Distance Education Other: 20 seats reserved for Psy major or pre-psty; 10 seats reserved for Psychology Minor; Stuecher, Uwe Heinric, 3 cr
28662 002 LEC, 03:30pm-04:45pm TTh, SpHC 210;
(Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psty; 10 seats reserved for Psychology Minor; Marsh, Karen Linda, 4 cr
33106 050 LEC; Online Instruction - Students must be
registered and begin the course at the start of the semester, and complete all requirements by the end of semester. No exceptions. Initial course information will be sent to you via your UMD email account. To activate your account go to https://www.umn.edu/initiate/? and follow the directions...

311 Theories of Personality
(A-F only; prereq 1003 or instr consent)
31382 001 LEC, 02:00pm-03:15pm TTh, BohH 346;
20 seats reserved for Psy major or pre-psty; 10 seats reserved for Psychology Minor; Carlson, Scott Robert, 3 cr
29955 002 LEC, 09:00am-09:50am TTh, BohH 346;
(Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psty; 10 seats reserved for Psychology Minor; Stuecher, Uwe Heinric, 3 cr

3121 Abnormal Psychology
(A-F only; prereq 1003 or instr consent)
28696 001 LEC, 01:00pm-02:15pm TTh, Engg 280;
30 seats reserved for Psy major or pre-psty;
15 seats reserved for Psychology Minor; LaCaille, Rick A, 4 cr
29166 002 LEC, 09:00am-09:50am MTWTh, BohH 112;
30 seats reserved for Psy major or pre-psty;
15 seats reserved for Psychology Minor; Gordon, Randall A, 3 cr
30901 004 LEC, 05:00pm-06:15pm TTh, BohH 112;
(Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psty; 10 seats reserved for Psychology Minor; Luong, Alexandra, 3 cr

3211 Group Dynamics
(A-F only; prereq 1003 or instr consent)
29066 001 LEC, 03:00pm-04:45pm TTh, BohH 104;
(Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psty; 10 seats reserved for Psychology Minor; Luong, Alexandra, 3 cr

3212 Topics in Human Sexuality
(Credit will not be granted if credit has been
received for: PSY 3216; A-F only; prereq 1003 or instr consent)
28654 001 LEC, 02:00pm-03:15pm TTh, ABABH 235;
(Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psty; 10 seats reserved for Psychology Minor; Luong, Alexandra, 3 cr
33246 350 LEC; (Online Instruction- Students must
register by 9/6/11 and complete all requirements by 1/27/11. No exceptions. Initial course information is available at a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. Open CE Reserve seats will be available to UMD students on August 30, 2011.); 16 seats reserved for Psy major or pre-psty; 10 seats reserved for Psychology Minor; Luong, Alexandra, 3 cr
3601 Psychology of Personal Development (A-F only; prereq 1003 or instr consent)

30263 001 LEC, 03:30pm-04:45pm TTh, BohH 108; (Open CE Reserve seats will be available to UMD students 08/31/10; 20 seats reserved for Psychology Major; McClure, Bud A, 3 cr)

33113 003 LEC, 08:00am-09:50am TTh, ChPk 122; (Open CE Reserve seats will be available to Psy major or pre-psy; 10 seats reserved for Psychology Minor; Durgunoglu, Aydin Yucesan, 3 cr)

3994 Directed Research in Psychology (max crs 8; 8 repeats allowed; A-F only; prereq Psy major or minor, instr consent) 3995 001 IND, 1-4 cr

3996 Pre-Professional Field Placement (max crs 4; 4 repeats allowed; S-N only; prereq 3010, Concurrent registration is required (or allowed) in 3011, instr consent) 33128 001 FWK; Pedersen, Paula Jean, 1-4 cr 33129 002 FWK; LaCaille, Lara, 1-4 cr

RECREATION (Rec)

31295 001 LEC, 09:30am-10:45am TTh, SpHC 9; Ernst, Julie Ann, 3 cr

4997 Recreation Practicum (S-N; prereq 1000, rec minor; no Grad School credit) 4998 001 PRC; Beery, Thomas Harold, 2 cr 4999 002 PRC; Gilbertson, Kenneth Lloyd, 1-4 cr 31975 003 IND; Ernst, Julie Ann, 1-4 cr 31976 004 IND; Zmudy PhD, Mark Howard, 1-4 cr

RUSSIAN (Russ)

3701 Personality Psychology (A-F only; prereq 1003)

29107 001 LEC, 11:00am-11:50am MWF, BohH 104; (Open CE Reserve seats will be available to UMD students 08/31/10; 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Luong, Alexandra, 3 cr)

30658 001 LEC, 08:00am-09:50am TTh, VHN 221, 4 cr

SAFETY (SAFE)

6002 Regulatory Standards and Hazard Control (A-F only; prereq MEHS student or dept consent and instr consent) 6003 001 LEC, 02:00pm-03:15pm TTh, BohH 104; (Open CE Reserve seats will be available to UMD students 08/31/10; 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Stuecher, Uwe Heinric, 4 cr

6101 Principles of Industrial Hygiene (A-F only; prereq MEHS student or dept consent and instr consent) 33175 001 LAB, 08:00am-08:40am M, VHN 227; Roseeth, Wade Edward, 3 cr

6291 Independent Study in Industrial Safety (max crs 3; S-N only; prereq 6002, instr consent) 33603 001 IND; Feyen, Robert G, 1-3 cr

6401 Environmental Safety and Legal Implications (A-F only; prereq MEHS student or dept consent and instr consent) 33131 001 LEC, 06:00pm-08:40pm W, Engr 177; Meets with: 33239 EMGT 5250; Ballavance, Brett Alan, 3 cr

6821 Organization and Administration of Safety Programs (A-F only; prereq 6012 or dept consent and instr consent) 33044 001 LEC, 02:00pm-04:55pm W, VHN 201; Staubes, James D, 3 cr

6997 Internship in Environmental Health and Safety (S-N only; prereq MEHS student, dept consent) 31771 001 IEX; Feyen, Robert G, 3 cr

SOCIAL WORK (SW)

1210 Global Issues (Credit will not be granted if credit has been received for: SW 1211, SW 1212; A-F only; meets LEIP req of LEIP CAT08) 31774 001 LEC, 08:00am-09:15am TTH, ABH 245; , 3 cr

1619 Race, Class, and Gender in the United States (A-F only; meets LECRD req of LECRD CAT08) 31706 001 LEC, 03:30pm-04:45pm TTh, Engr 177; , 3 cr

5002 Child Welfare and the Lawful Profession (A-F; prereq MSW student or instr consent) 29610 001 LEC, 08:30am-06:00pm S, BohH 1112, 09/ 17/11-09/17/11, 08:30am-06:00pm S, BohH 112, 11/12-11/12, 09:30am-06:00pm S, BohH 112, 12/03-12/03/11, .

5001 Independent Study (max crs 8; 8 repeats allowed; prereq instr consent) 31286 001 IND, 1-4 cr 31287 002 IND, 1-4 cr 31288 003 IND, 1-4 cr 31289 004 IND, 1-4 cr 31290 005 IND, 1-4 cr 31291 006 IND, 1-4 cr 31292 007 IND, 1-4 cr 31293 008 IND, 1-4 cr 31295 009 IND, 1-4 cr

5006 Special Project (max crs 8; 8 repeats allowed; S-N only; prereq instr consent) 31999 001 FWK, 1-4 cr 31997 002 FWK, 1-4 cr 31998 003 FWK, 1-4 cr 31999 004 FWK, 1-4 cr 31999 005 FWK, 1-4 cr 31999 006 FWK, 1-4 cr 31999 007 FWK, 1-4 cr 31999 008 FWK, 1-4 cr 31999 009 FWK, 1-4 cr

5101 Human Behavior in the Social Environment (A-F: prereq MSW student or instr consent) 32071 001 DIS, 06:00pm-08:50pm T, BohH 112; , 3 cr
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<th>Instructor(s)</th>
<th>Credits</th>
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<tr>
<td>29357</td>
<td>Introduction to Sociology</td>
<td>Weidner, Robert R</td>
<td>3 cr</td>
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<tr>
<td>27999</td>
<td>Sociology of Community</td>
<td>Martin, Daniel D.</td>
<td>3 cr</td>
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<td>28683</td>
<td>SPANISH (Span)</td>
<td>Wilson, Janelle L</td>
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<tr>
<td>1101</td>
<td>Beginning Spanish I</td>
<td>(A-F only; prerequisites little or no prior formal study of this language, or instr consent; meets LE req of LE CAT3)</td>
<td>0-4 cr</td>
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<tr>
<td>29796</td>
<td>INTERNSHIP PREPARATION</td>
<td>(A-F only; prerequisites 90 or more credit hours; credit will not be granted if already received for 29357)</td>
<td>0-3 cr</td>
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<tr>
<td>32131</td>
<td>Intermediate Spanish I</td>
<td>(A-F only; prerequisites 1 year high school Spanish or 1102 or instr consent; meets LE req of LE CAT3)</td>
<td>0-4 cr</td>
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<tr>
<td>29797</td>
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<td>(A-F only; prerequisites 1 year high school Spanish or 1102 or instr consent; meets LE req of LE CAT3)</td>
<td>0-4 cr</td>
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<tr>
<td>35967</td>
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<td>(A-F only; prerequisites 1 year high school Spanish or 1102 or instr consent; meets LE req of LE CAT3)</td>
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<tr>
<td>2301</td>
<td>Advanced Spanish</td>
<td>(A-F only; prerequisites 5 yrs high school Spanish or 1202 or instr consent; meets LEIP req of LEIP CAT03)</td>
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<td>28800</td>
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<tr>
<td>30005</td>
<td>HISPANIC-AMERICAN CINEMA AND CULTURE</td>
<td>(A-F only; prerequisites 2336 or instr consent)</td>
<td>0-4 cr</td>
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<tr>
<td>3410</td>
<td>Hispanic-American Cinema and Culture</td>
<td>(A-F only; prerequisites 2336 or instr consent)</td>
<td>0-4 cr</td>
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<tr>
<td>4071</td>
<td>Mexican American Cinema and Culture</td>
<td>(A-F only; prerequisites 2336 or instr consent)</td>
<td>0-4 cr</td>
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<tr>
<td>4022</td>
<td>Medieval to Early Modern Spanish</td>
<td>(A-F only; prerequisites 2336 or instr consent; credit will be granted if already received for 29796)</td>
<td>0-4 cr</td>
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**SOCIOLGY (Soc)**

**College of Liberal Arts**

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<tr>
<td>1101</td>
<td>Introduction to Sociology</td>
<td>Weidner, Robert R</td>
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<td>1102</td>
<td>Interpersonal Communication</td>
<td>Tobin Stanley, Maureen</td>
<td>3 cr</td>
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<td>1103</td>
<td>Social Psychology</td>
<td>Mork, Bruce</td>
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**SPANISH (Span)**

**College of Liberal Arts**

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<td>0-4 cr</td>
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<td>0-4 cr</td>
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<tr>
<td>2301</td>
<td>Advanced Spanish</td>
<td>(A-F only; prerequisites 5 yrs high school Spanish or 1202 or instr consent; meets LEIP req of LEIP CAT03)</td>
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<tr>
<td>4022</td>
<td>Medieval to Early Modern Spanish</td>
<td>(A-F only; prerequisites 2336 or instr consent; credit will be granted if already received for 29796)</td>
<td>0-4 cr</td>
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**This information is accurate as of:** 2/22/2011
## SPECIAL EDUCATION (SpEd)

### College of Education & Human Service Professions

#### 3103 Infants and Toddlers with Special Needs

<table>
<thead>
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<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>4433</td>
<td>Foundations in Special Education</td>
<td>3</td>
<td>Mon-Thur 09:00-10:05am</td>
<td>SBE 16</td>
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#### 3110 Young Children with Special Needs: Ages Three-Eight

<table>
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<th>Title</th>
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<tbody>
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<td>4270</td>
<td>Classroom Behavior and Management</td>
<td>4</td>
<td>Mon-Thur 09:00-10:05am</td>
<td>SBE 16</td>
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#### 3106 Working with Young Children with Low Incidence Disabilities

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<tr>
<td>3105</td>
<td>Classroom and Behavior Management</td>
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<td>SBE 16</td>
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#### 3109 Working with Challenging Behavior in Young Children

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<tbody>
<tr>
<td>3429</td>
<td>Foundations in Special Education</td>
<td>3</td>
<td>Mon-Thur 09:00-10:05am</td>
<td>SBE 16</td>
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#### 3415 Special Education in the Secondary School (A-F)

<table>
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<tbody>
<tr>
<td>3041</td>
<td>Classroom and Behavior Management</td>
<td>4</td>
<td>Mon-Thur 09:00-10:05am</td>
<td>SBE 16</td>
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### Fall 2011

#### 5433 Foundations in Special Education

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<tbody>
<tr>
<td>5381</td>
<td>Classroom and Behavior Management</td>
<td>3</td>
<td>Mon-Thur 09:00-10:05am</td>
<td>SBE 16</td>
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#### 5434 Special Education in the Secondary School (A-F)

<table>
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<tbody>
<tr>
<td>5435</td>
<td>Student Teaching</td>
<td>6</td>
<td>Mon-Thur 09:00-10:05am</td>
<td>SBE 16</td>
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#### 5436 Social and Communication Skills for Individuals with Fetal Alcohol Spectrum Disorder

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Time</th>
<th>Location</th>
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### STATISTICS (Stat)

#### 1411 Introduction to Statistics

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### Theatre (Th) School of Fine Arts

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### THEATRE (Th) School of Fine Arts

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TOXICOLOGY (Txtd)
Duluth School of Medicine

5000 Directed Research in Toxicology
(max crs 16; 16 repeats allowed; S-N only; prereq instr consent)

28962 001 LAB; Wallace, Kendall B., 1-4 cr

5013 Chemical Toxicology
(A-F only; prereq 5012, instr consent; credit will not be granted if already received for 8013)

31869 001 LEC, 03:00pm-04:30pm TTh, Room TBA; Meets with: 29608 TXML 8013; Wallace, Kendall B., 3 cr

8012 Advanced Toxicology I
(A-F only; prereq 5011, Chem 4341 or instr consent)

30942 001 LEC; Wallace, Kendall B., 1 cr

8013 Advanced Toxicology II
(A-F only; prereq 8012; Chem 4342, Phsl 5601 or instructor consent)

29608 001 LEC, 03:00pm-04:30pm TTh, Room TBA; Meets with: 29608 TXML 8013; Wallace, Kendall B., 3 cr

8100 Investigative Toxicology
(max crs 2; A-F only; prereq 8013 or instructor consent)

29609 001 SEM; Wallace, Kendall B., 1 cr

8333 FTE: Master’s
(NGA; prereq Masters student, adviser and DGS consent)

28960 001 DRS; Wallace, Kendall B., 1 cr

8444 FTE: Doctoral
(NGA; prereq Doctoral student, adviser and DGS consent)

28961 001 DRS, 1 cr

9066 Doctoral Pre-Thesis Credits
(max crs 12; NGA; prereq Max 6 cr per semester or summer; doctoral student who has not passed prelim oral; no required consent for the first two registrations; Max 12 cr; departmental consent for the third and fourth registrations up to an additional 12 cr, or 24 total for doctoral students admitted summer 2007 and beyond; doctoral students admitted prior to summer 2007 may register up to 4 times totaling 60 cr)

28966 001 THE, -1 - 16 cr

9777 Thesis Credits: Master’s
(max crs 50; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 10 cr total required; Plan A only)

28967 001 THE; Wallace, Kendall B., 1-16 cr

9888 Thesis Credits: Doctoral
(max crs 100; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 24 cr required)

28967 001 THE; Wallace, Kendall B., 1-24 cr

WOMEN’S STUDIES (WS)
College of Liberal Arts

1000 Introduction to Women’s Studies
(A-F only; meets LECD req of LECD CAT07)

28912 002 LEC, 02:00pm-04:50pm M, H 480; Palokangas, Brenda Sue, 3 cr

29711 090 LEC, 06:00pm-08:40pm Th, Bohl 346; (Open CE reserved seats will be available to UMD students on 08/30/11); 6 seats reserved for Continuing Education - EXPRES 30-AUG-2011; Woodward, Susana Palokangas, 3 cr

2101 Women, Race, and Class
(A-F only; prereq 1000 or 2101, 90 cr or instr consent)

29612 001 LEC, 02:00pm-03:15pm TTh, H 480; Kamau, Margaret Njoki, 3 cr

3001 Third World Women
(A-F only; prereq 1000 or 2101 or instr consent)

29605 001 LEC, 09:00am-10:45am TTh, H 480; (Open CE Reserve seats will be available to UMD students on 08/30/11); 7 seats reserved for Continuing Education - EXPRES 30-AUG-2011; Woodward, Susana Kamau, Margaret Njoki, 3 cr

3100 Feminist Theory
(A-F only; prereq 1000 or 2101, 45 cr or instr consent)

29503 001 LEC, 11:00am-12:50pm TTh, H 480; Bartlett, Elizabeth Ann, 4 cr

3200 Women’s Autobiographies
(A-F only)

29573 001 LEC, 11:00am-01:50pm W, H 490; Ritmeester, Sanne, 3 cr

3300 Women and Spirituality
(A-F only; prereq 1000 or 2101 or 3150 or 3200 or 3400 or instr consent)

29529 001 LEC, 03:00pm-06:20pm T, SpHC 207; Scheduled in 480 per WS designated classroom. class requires ability for students to move chairs in groups and use floor space; (Bargilan, Elizabeth Ann, 3 cr

3400 Women and Film
(A-F only)

29505 001 LEC, 06:00pm-08:40pm W, H 480; Ritmeester, Sanne, 3 cr

3775 Tangled Routes: Women, Globalization and Food
(prereq 1000 or 2101 or instr consent)

30916 001 LEC, 02:00pm-04:50pm W, H 480; Kamau, Margaret Njoki, 3 cr

3891 Independent Study
(max crs 6; A-F only; prereq 1000, 3100, 15 cr or WS or WS-related courses, instr consent)

28710 001 IND; Contact department for faculty supervisor and permission to register, -1 - 16 cr

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This information is accurate as of: 2/22/2011
Advanced Writing: Business and Organizations

(A-F only; prereq 1120 or equivalent, min 60 cr; credit will not be granted if already received for COMP 1521.)

27920 001 LEC, 03:00pm-04:15pm MWF, BohH 104; 3 cr
27925 002 LEC, 02:00pm-03:15pm TTh, H 403; 10 seats reserved for Accounting candidate; 3 cr
27904 001 LEC, 08:00am-09:15am T, LSBE 265, 2 seats reserved for UECH Major, min 45 credits; 3 cr
27910 001 LEC, 09:00am-10:15am MWF, Cina 202; 3 cr
27915 002 LEC, 08:00am-09:15am T, BohH 104; 3 cr
27912 001 LEC, 08:00am-09:15am MWF, BohH 1112; 3 cr
31545 001 LEC, 08:00am-09:15am TTh, H 403; 10 seats reserved for Accounting candidate; 3 cr
27907 001 LEC, 08:00am-09:15am T, LSBE 265, 2 seats reserved for UECH Major, min 45 credits; 3 cr
31596 200 INI (Correspondence course. Enrollment in closed sections may be possible with instructor consent. Permission numbers may be obtained at the instructor’s discretion. G-mail writINIs@d.umn.edu to request a permission number for the INI section of this course. Initial course information is available at <a href="http://www.d.umn.edu/goto/27907">correspondence</a> > Getting Started On Your Correspondence Course. <a href="">Correspondence</a> - 3 cr

Advanced Writing: Engineering

(A-F only; prereq 1120 or equivalent, min 60 cr; credit will not be granted if already received for COMP 3130.)

27907 001 LEC, 08:00am-09:15am T, LSBE 265, 2 seats reserved for UECH Major, min 45 credits; 3 cr
27910 001 LEC, 08:00am-09:15am T, LSBE 265, 2 seats reserved for UECH Major, min 45 credits; 3 cr
27912 001 LEC, 08:00am-09:15am MWF, BohH 1112; 3 cr
31596 200 INI (Correspondence course. Enrollment in closed sections may be possible with instructor consent. Permission numbers may be obtained at the instructor’s discretion. G-mail writINIs@d.umn.edu to request a permission number for the INI section of this course. Initial course information is available at <a href="http://www.d.umn.edu/goto/27907">correspondence</a> > Getting Started On Your Correspondence Course. <a href="">Correspondence</a> - 3 cr

Advanced Writing: Human Services

(A-F only; prereq 1120 or equivalent, min 60 cr; credit will not be granted if already received for COMP 3154.)

27907 001 LEC, 08:00am-09:15am T, LSBE 265, 2 seats reserved for UECH Major, min 45 credits; 3 cr
27910 001 LEC, 08:00am-09:15am T, LSBE 265, 2 seats reserved for UECH Major, min 45 credits; 3 cr
27912 001 LEC, 08:00am-09:15am MWF, BohH 1112; 3 cr
31545 001 LEC, 08:00am-11:50am MWF, KPlz 385; 15 seats reserved for UECCH Major, min 45 credits; 3 cr
27905 001 LEC, 08:00am-09:15am T, LSBE 265, 2 seats reserved for UECH Major, min 45 credits; 3 cr
31597 200 INI (Correspondence course. Enrollment in closed sections may be possible with instructor consent. Permission numbers may be obtained at the instructor’s discretion. G-mail writINIs@d.umn.edu to request a permission number for the INI section of this course. Initial course information is available at <a href="http://www.d.umn.edu/goto/27907">correspondence</a> > Getting Started On Your Correspondence Course. <a href="">Correspondence</a> - 3 cr

Advanced Writing: Science

(A-F only; prereq 1120 or equivalent, min 60 cr; credit will not be granted if already received for COMP 3150.)

27910 001 LEC, 08:00am-09:15am TTh, KPlz 312; 3 cr
27912 001 LEC, 08:00am-09:15am MWF, BohH 1112; 3 cr
27947 002 LEC, 01:00pm-03:15pm TTh, H 403; 3 cr

This information is accurate as of: 2/2/2011
8910  Practicum in Teaching Writing
(max crs 4; A-F only; prereq Credit will not be granted if already received for Engl 8910 or Comp 8910, instr consent)
27922  001 PRC, 1-4 cr

8994  Directed Research in Writing Studies
(max crs 3; 3 repeats allowed; A-F only; prereq Credit will not be granted if already received for Comp 8994; 8902; instr consent)
27921  001 DRS, 1-3 cr