This information is accurate as of: 2/22/2008

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 follows:

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 an Associate of Arts 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; undergraduate students 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
001 LEC, 10:15am-11:20am MWF
81533 002 LAB, 12:00pm-01:40pm M
61533 003 LAB, 12:00pm-01:40pm W

Example 3
001 LEC, 08:00am-09:40am T
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—Web course listings (at onestop.umn.edu/schedule/html.dul.html) always contain the most current and accurate information.
**ACCOUNTING (Acct)**

**Labovitz School of Business & Economics**

**Principles of Financial Accounting**
(A-F; prereq Min 15 cr or college consent)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>50247</td>
<td>003 LEC, 11:00am-12:15pm TTh, LSB 227; (LSBE Candidates); Meets with: 50249 ACCT 3110, 3 cr</td>
<td>3</td>
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<tr>
<td>50248</td>
<td>004 LEC, 12:15pm-12:30pm TTh, LSB 227; (Non-LSBE Accounting Minors); Meets with: 50247 ACCT 3110, 3 cr</td>
<td>3</td>
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</table>

**Independent Study**
(max crs 3; 3 repeats allowed; A-F; prereq BAc card with 80 cr, dept consent; cr not available as act elective)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>46087</td>
<td>001 IND; Roline, Alan C, 1-3 cr</td>
<td>1</td>
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</table>

**Internship in Accounting**
(max crs 6; 3 repeats allowed; S-N; prereq 3101, dept consent; repeatable for a max of 6 credits; 3 repeats allowed; max 3 cr may be applied to act electives)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
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<tr>
<td>47045</td>
<td>001 IEX; Roline, Alan C, 2-6 cr</td>
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**Cost Accounting**
(A-F; prereq LSB 3110 or non-LSBE acct minor or college consent)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>48265</td>
<td>001 LEC, 11:00am-12:15pm TTh, LSB 229; (LSBE candidates); Meets with: 48267 ACCT 3201; Brannan, Rodger L, 3 cr</td>
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<tr>
<td>48267</td>
<td>002 LEC, 11:00am-12:15pm TTh, LSB 229; (Non-LSBE accounting minors); Meets with: 48265 ACCT 3201; Brannan, Rodger L, 3 cr</td>
<td>3</td>
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</table>

**Individual Income Taxation**
(A-F; prereq LSB 3110 and approved non-LSBE acct minor or college consent. Credit will not be granted if credit has been received for: 4152 or 3152)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>48851</td>
<td>001 LEC, 08:00am-08:50am MWF, LSB 225; (LSBE candidates); Meets with: 48853 ACCT 3401; Skalberg, Randy, 3 cr</td>
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<tr>
<td>48852</td>
<td>002 LEC, 08:00am-08:50am MWF, LSB 225; (Non-LSBE accounting minors); Meets with: 48851 ACCT 3401; Skalberg, Randy, 3 cr</td>
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<tr>
<td>53042</td>
<td>003 LEC, 11:00am-11:50am MWF, LSB 229; (LSBE candidates); Meets with: 53043 ACCT 3401; Skalberg, Randy, 3 cr</td>
<td>3</td>
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<tr>
<td>53043</td>
<td>004 LEC, 11:00am-11:50am MWF, LSB 229; (Non-LSBE accounting minors); Meets with: 53042 ACCT 3401; Skalberg, Randy, 3 cr</td>
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**Advanced Business Taxation**
(A-F; prereq 3401, LSB 3110, LSB card or college consent. Credit will not be granted if credit has been received for: 3151)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>46699</td>
<td>001 LEC, 01:00pm-01:50pm MWF, LSB 229; Skalberg, Randy, 3 cr</td>
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</table>

**Auditing**
(A-F; prereq 3102, 3110, LSB card or college consent; no Grad School cr)

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
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<tr>
<td>48255</td>
<td>001 LEC, 12:00pm-12:50pm MWF, LSB 229; Lin, Jerry W, 3 cr</td>
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**International Accounting**
(A-F; prereq 3102, LSB card or college consent)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<th>Instructor</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>52746</td>
<td>001 SEM, 06:00am-09:15am Th, LSB 165; Brannan, Rodger L, 3 cr</td>
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**Special Topics (Various Titles to be Assigned)**
(max crs 9; 9 repeats allowed; A-F; prereq 3101, LSB card or college consent)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>50647</td>
<td>001 LEC, 03:00pm-04:45pm TTh, LSB 165, 1-3 cr</td>
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**AEROSPACE STUDIES (Air)**

**Swenson College of Science & Engineering**

**AFROTAC GMC Leadership Laboratory**
(S-N only)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>48477</td>
<td>001 LAB, 06:15am-07:45am W, DADB 16A; Fraser, Eric Parker, 1 cr</td>
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**AFROTAC GMC Lead Lab**
(max crs 4; 4 repeats allowed; S-N only)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>51543</td>
<td>001 LAB W, Room TBA; Allen, Timothy J, 1 cr</td>
<td>1</td>
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**Foundations of the U.S. Air Force**
(A-F only)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>45955</td>
<td>001 LEC, 07:00am-07:50am T, DADB 16A; Chromy, Allan John, 1 cr</td>
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</tbody>
</table>

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

**Fall 2008**

**3**
2001 Career Development in Anthropology (A-F; preq 1602 or 1604 or equivalent, or instr consent)
51899 001 LEC, 01:00pm-01:50pm TTh, Cina 214; Jones, Jennifer Elaine, 2 cr
3618 Ancient Middle America (A-F; preq 1604, min 30 cr)
51887 001 LEC, 04:00pm-05:15pm TTh, Cina 214; Roufs, Tim, 3 cr
3642 Exploring Human Origins (A-F; preq Min 30 cr or instr consent)
51951 090 LEC, 05:00pm-07:30pm W, Cina 106; (Open CE reserved seats will be available to UMD students on 08/26/08); 5 seats reserved for Continuing Education - EXPRES 26-AUG-2008; Kuhlke, Karl Lynne, 3 cr
3691 Independent Study in Anthropology (max crs 5; A-F; preq Min 60 credits or instr consent)
49643 001 DRS; Jones, Jennifer Elaine, 1-5 cr
3695 Special Topics: [Various Titles to be Assigned] (max crs 4; A-F; preq: 1604, min 30 cr or instr consent)
52871 001 LEC, 03:00pm-04:15pm MW, Cina 214; Syring PhD, David, 3 cr
4623 Anthropology and Contemporary Human Problems (A-F; preq 1604, min 60 cr)
52968 001 LEC, 01:00pm-02:15pm MW, Cina 214; Syring PhD, David, 3 cr
4651 Development of Anthropological Theory (A-F; preq 1604, min 90 cr or Grad School cr)
49297 001 LEC, 08:00am-09:40am TTh, Cina 214; Jones, Jennifer Elaine, 4 cr
4654 Biological Anthropology (A-F; preq 1604, min 60 cr)
50125 001 LEC, 12:00pm-01:50pm TTh, Cina 214; Jones, Jennifer Elaine, 4 cr
4691 Independent Study in Anthropology (max crs 5; 5 seats reserved; A-F; preq Min 60 cr or instr consent, no Grad School cr)
46119 001 IND, 1-5 cr
4697 Anthropology Internship (max crs 6; S-N only; preq instr consent, no Grad School cr)
48599 001 IEX; Jones, Jennifer Elaine, 2-6 cr
4699 Honors Project (max crs 3; A-F; preq 1604, instr consent; no Grad School cr; meets Hon req of Honors)
47345 001 DRS; Jones, Jennifer Elaine, 2-4 cr
4997 Teaching Assistantship in Anthropology (max crs 3; 3 repeats allowed; A-F; preq Min 60 cr or instr consent, no Grad School cr)
48571 001 LEC; Syring PhD, David, 1-3 cr
1002 Introduction to Art (Credit will not be granted if credit has been received for: ART 1005; A-F; preq Pre-elementary/elementary school teacher/BA [theater or music], or [BFA] theatre or [BMA] music education; Credit will not be granted if credit has been received for: 1005.; meets LE req of LE CAT10)
46503 001 LEC, 12:00pm-01:40pm TTh, ABAB 135; , 3 cr
46505 002 LEC, 04:00pm-05:40pm TTh, ABAB 135; (Open CE Reserve seats will be available to UMD students 8/26/08); 1 seat reserved for Continuing Education - EXPRES 26-AUG-2008; , 3 cr
51903 003 LEC, 04:00pm-05:40pm MW, ABAB 135; , 3 cr
1006 Freshman Seminar: Fundamentals of Drawing (A-F; preq Freshman, fewer than 30 cr; Credit will not be granted if credit has been received for: 48269)
48269 001 SEM, 12:00pm-01:50pm TTh, ABAB 325; Ramon, Cecilia, 3 cr
1009 Fundamentals of Drawing (A-F; preq: preq Not for art majors or minors; Credit will not be granted if credit has been received for: 1006.; meets LE req of LE CAT10)
47269 090 LEC, 06:00pm-09:40pm T, ABAB 325; (Open CE reserved seats will be available to UMD students on 08/26/08); 2 seats reserved for Continuing Education - EXPRES 26-AUG-2008; Meets with: 48815 ART 1010; , 3 cr
1010 Drawing I (A-F; preq: preq Art or art ed major or art minor or architecture and design minor or instr consent)
46529 001 LEC, 08:00am-09:50am MW, ABAB 325; Christine, Jayme, 3 cr
46531 002 LEC, 09:00am-10:50am MW, ABAB 325; Christine, Jayme, 3 cr
48809 003 LEC, 10:00am-11:50am MW, ABAB 325; Jenkins, Virginia A., 3 cr
48523 004 LEC, 04:00pm-05:40pm TTh, ABAB 325; Ramon, Cecilia, 3 cr
51419 005 LEC, 08:00am-09:50am TTh, ABAB 325; Dietrich, Jennifer A., 3 cr
48815 090 LEC, 06:00pm-09:40pm T, ABAB 325; (Open CE reserved seats will be available to UMD students on 08/26/08); 1 seat reserved for Continuing Education - EXPRES 26-AUG-2008; Meets with: 47269 ART 1005; , 3 cr
1011 2-D Design (A-F; preq: preq Art or art ed major or art minor or instr consent)
46533 001 LEC, 02:00pm-03:50pm MW, ABAB 135; Peary, Wanda J., 3 cr
46535 002 LEC, 12:00pm-01:50pm MW, ABAB 125; (Open CE Reserve seats will be available to UMD students 8/26/08); 1 seat reserved for Continuing Education - EXPRES 26-AUG-2008; Dietrich, Jennifer Lee, 3 cr
46537 003 LEC, 10:00am-11:50am TTh, ABAB 135; Jorde, Holly Anderson, 3 cr
46539 004 LEC, 02:00pm-03:50pm TTh, ABAB 125; Peary, Wanda J., 3 cr
51093 005 LEC, 10:00am-11:50am MW, ABAB 125; Christine, Jayme, 3 cr
51911 006 LEC, 01:00pm-02:50pm T, ABAB 125; Colman, Marrian, 3 cr
1012 3-D Design (Credit will not be granted if credit has been received for: ART 1015; A-F; preq Art or art ed major or architecture and design studies minor or instr consent; Credit will not be granted if credit has been received for: 1015)
46109 001 LEC, 12:00pm-01:50pm TTh, ABAB 145; (Open CE Reserve seats will be available to UMD students 8/26/08); 1 seat reserved for Continuing Education - EXPRES 26-AUG-2008; Suh, Eun-Kyung, 3 cr
50149 002 LEC, 12:00pm-01:50pm MW, ABAB 145; Bowen, David W, 3 cr
50407 003 LEC, 02:00pm-03:50pm MW, ABAB 145; Suh, Eun-Kyung, 3 cr
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
<th>Credits</th>
<th>Schedule Details</th>
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</thead>
<tbody>
<tr>
<td>46087</td>
<td>Digital Arts I (max crs 6; A-F only; prereq 1013, 2014, art or art ed major or pre-art educ major or pre-graphic design major, or art or photography minor or instr consent)</td>
<td>Nitschke, Sarah Choky</td>
<td>3 cr</td>
<td>090 LEC, 06:00-08:00 AM, TTH, VKH 131, 3 cr</td>
</tr>
<tr>
<td>50603</td>
<td>Painting I (A-F only; prereq 1006 or 1009 or 1010, 1011, or art or art ed major or minor or instr consent)</td>
<td>Nitschke, Sarah Choky, 3 cr</td>
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<tr>
<td>46519</td>
<td>Sculpture (A-F only; prereq 1015 or 1012, or art or art ed major or minor or instr consent)</td>
<td>Nitschke, Sarah Choky, 3 cr</td>
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<tr>
<td>50605</td>
<td>Typography I (A-F only; prereq Graphic design major or digital arts and photography emphasis or instr consent)</td>
<td>Nitschke, Sarah Choky, 3 cr</td>
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</tbody>
</table>

This information is accurate as of: 2/22/2008
3811 Art Education Elementary-Middle School Experience (A-F only; prereq 3809 or 3810, Art major or inst consent)  
50611 001 IND; Colman, Marian, 2 cr

3814 Digital Methods in Art Education (A-F only; prereq Art education major or inst consent)  
52858 001 LAB; 10:00am-11:50am TTh, MonH239; Rock, Joellyn Jean, 3 cr

3922 Graphic Design II (A-F only; prereq 2911, graphic design major or inst consent)  
46347 001 LEC; 10:00am-11:50am M, ABAH335; 10:00am-11:50am W, VKH131; Rock, Joellyn Jean, 3 cr

4100 Painting III (max crs 9; repeats allowed; A-F only; prereq 3100, art or art ed major or art minor or inst consent; no Grad School cr)  
49677 001 LEC; 12:00om-1:50pm MW, H318; Meets with: 46161 ART 3100; Nakajima, R, 3 cr

4191 Individual Study in Painting (max crs 9; repeats allowed; A-F only; prereq Two sem painting, inst consent; no Grad School cr)  
46163 001 IND; Nakajima, R, 1-3 cr

4200 Sculpture III (max crs 6; A-F only; prereq 3200, art or art ed major or art minor or inst consent; no Grad School cr)  
51885 001 LEC; 02:00pm-03:50pm TTH, ABAH145; Meets with: 51883 ART 3200; Bowen, David W, 3 cr

4291 Individual Study in Sculpture (max crs 9; repeats allowed; A-F only; prereq 2 sem sculpture, inst consent; no Grad School cr)  
46121 001 IND; Bowen, David W, 1-3 cr

4391 Individual Study in Printmaking (max crs 9; repeats allowed; A-F only; prereq 3300, dept consent)  
51933 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 inst consent; no Grad School cr)  
46143 001 LEC; 02:00pm-03:50pm TTH, ABAH155; Meets with: 46141 ART 3400; Klueg, James, 3 cr

4491 Individual Study in Ceramics (max crs 9; repeats allowed; A-F only; prereq 2 sem ceramics, dept consent)  
46069 001 IND; Klueg, James, 1-3 cr

4600 Photography II: Digital Portfolio (max crs 9; repeats allowed; A-F only; prereq (1900 or 2900), (3600 or 3625), art or art ed major or art photography minor or inst consent)  
46521 001 LEC; 02:00pm-03:50pm TTH, Cina 16; Brush, Gloria DeFilipps, 3 cr

4650 Photography IV: Alternative Processes Portfolio (max crs 6; A-F; prereq 1900, 3600 or 3625, 4600, art or art ed major or art photography minor or inst consent)  
51791 001 STU; 12:00pm-01:50pm TTH, Cina 16; Dugan, Jeffrey William, 3 cr

4691 Individual Study in Photography (max crs 9; repeats allowed; A-F only; prereq 2 semesters of photography, dept consent)  
46567 001 IND; Brush, Gloria DeFilipps, 1-3 cr
4501 General Microbiology
   (A-F only; prereq 2101 or instr consent, or Biol or IBS Grad School student)
   46905 001 LAB, 08:00am-09:00am TTh, LSci 310; 4 cr
   47549 002 LAB, 11:00am-12:50pm TTh, LSci 208, 4 cr
   47551 004 LAB, 02:00pm-03:50pm TTh, LSci 208, 4 cr

4764 Mammalogy
   (A-F only; prereq 2801 or instr consent, or Biol or IBS Grad School student)
   4802 001 LEC, 01:00pm-01:50pm Th, Chem 155; 3 cr
   51837 002 LAB, 02:00pm-04:50pm T, LSci 330; Moen, Ron, 3 cr
   51839 003 LAB, 09:00am-11:50am Th, LSci 330; Moen, Ron, 3 cr
   55122 004 LAB, 02:00pm-04:50pm Th, LSci 330; Moen, Ron, 3 cr

4802 Evolution
   (A-F only; prereq 1012, 2201 or instr consent, or Biol or IBS Grad School student; Credit will not be granted if credit has been received for: 4801)
   48315 001 LEC, 02:00pm-03:15pm Th, LSci 185; Etterson, Julie Rae, 3 cr

4891 Animal Behavior
   (A-F only; prereq 1012, 2201 or instr consent, or Biol or IBS Grad School student)
   51669 001 LEC, 08:00am-08:50am MW, LSci 175; Pastor, John Joseph, 3 cr

5232 Molecular Biology Laboratory
   (A-F; prereq Concurrent registration is required (or allowed) in 4231 or instr consent, or Biol or IBS Grad School student; Credit will not be granted if credit has been received for: 4232)
   51655 001 LAB, 08:00am-11:50am W, SSB 212, 2 cr
   55123 002 LAB, 12:00pm-03:50pm W, SSB 212, 2 cr
   55124 003 LAB, 05:00pm-08:50pm W, SSB 212, 2 cr

5235 Biotechnology
   (A-F only; prereq 2101, 2102, 2201, Chem 3322 or Chem 4341 or Biol or IBS Grad School student)
   50657 001 LEC, 10:00am-10:50am Th, LSci 185; Carter, Clay J
   55125 002 LAB, 12:00pm-03:50pm Th, SSB 212; Carter, Clay J, 4 cr

5401 Coevolution of Plants, Animals and Microbes
   (A-F only; prereq 2801, 2802, or Biol or IBS Grad School student)
   48577 001 LEC, 01:00pm-01:50pm MW, SSB 115, 2 cr
   48587 002 LAB, 02:00pm-03:50pm M, LSci 306; Craig, Timothy Paul, 3 cr

5808 Landscape Ecology: Theory and Application
   (A-F only; prereq 2801, 2802 or Biol or IBS Grad School student)
   50657 001 LEC, 08:00am-09:50am Th, SSB 216; Need computer lab (SSB 216 has been reserved); Hollenhorst, Thomas Peter; Johnson, Lucinda B; Host PhD, George Edward, 3 cr

8333 FTE: Master's
   (NGA; prereq Master's student, adviser and DGS consent)
   47977 001 DRS, 1 cr

8777 Thesis Credits: Master's
   (max crs 50; 10 repeats allowed; NGA; prereq Max 18 hr per semester or summer; 10 cr total required; Plan A only)
   48033 001 THE, 1-18 cr

8994 Graduate Research
   (max crs 10; 10 repeats allowed; S-Nonly; prereq Graduate student in biol or related field)
   47963 001 DST, 1-14 cr

This information is accurate as of: 2/22/2008
This information is accurate as of: 2/22/2008
**University of Minnesota - Class Schedule for Duluth Campus**

**Fall 2008**

**COACHING CERTIFICATION (CC)**

**College of Education & Human Service Professions**

3101 Sport Science Applications (A-F only; prerequisite: coaching minor, min 30 cr or instr consent) Credit will not be granted if credit has been received for course 3100.

3117 Functional Anatomy and Sports Injury Management (A-F only; prerequisite: Min 30 cr, current Red Cross First Aid and CPR card or Hinth 1600, Credit will not be granted if credit has been received for course 3116).

3150 Coaching Methods (A-F only; prerequisite: Coaching minor, min 30 cr or instr consent)

3160 Psychological Aspects of Coaching and Athletic Performance (A-F only; prerequisite Coaching minor, min 30 cr or instr consent)

3181 Administrative Aspects of Coaching (A-F only; prerequisite Coaching minor, min 30 cr or instr consent)

3171 Coaching and Officiating Basketball (A-F only; prerequisite Coaching minor or instr consent)

3173 Coaching and Officiating Baseball (A-F only; prerequisite Coaching minor or instr consent)

3175 Coaching and Officiating Ice Hockey (A-F only; prerequisite Coaching minor or instr consent)

3179 Coaching and Officiating Softball (A-F only; prerequisite Coaching minor or instr consent)

3991 Independent Study (A-F only; prerequisite Coaching minor and instr consent)

3997 Coaching Practicum (A-F only; prerequisite Coaching minor and instr consent)

**COLLEGE OF LIBERAL ARTS (CLA)**

101 Learning Community Integrative Seminar (max crs 2; A-F; prerequisite Freshman, fewer than 30 cr, college consent) Credit will be granted if credit has been received for course 100.

49063 001 SEM, 02:00pm-02:50pm W, LSBE 165, 1 cr

49065 002 SEM, 04:00pm-04:50pm T, Engr 177 Th, MonH 30, 1 cr

49067 003 SEM, 12:00pm-12:50pm TTh, MonH 108, 1 cr

49069 004 SEM, 12:00pm-12:50pm TTh, H 490, 1 cr

49071 005 SEM, 03:00pm-03:50pm TTh, Chem 251, 1 cr

49075 007 SEM, 03:00pm-03:50pm MW, LSBE 165, 1 cr

49077 008 SEM, 10:00am-10:50am W, H 314, 1 cr

49079 009 SEM, 03:30pm-04:20pm TTh, SpHC 208, 1 cr

49081 010 SEM, 01:00pm-01:50pm MW, SpHC 208, 1 cr

49083 011 SEM, 12:00pm-12:50pm MW, Engr 118, 1 cr

49913 012 SEM, 02:00pm-02:50pm MW, H 468, 1 cr

50039 013 SEM, 11:00am-11:50am LF, LSBE 165, 1 cr

51153 014 SEM, 03:00pm-03:50pm MW, SpHC 208, 1 cr

**Learning Community Teaching Assistant Practicum**

(max crs 6; 6 repeats allowed; S-N; prerequisite instr consent)

53060 001 PRC; Keenan, Mary S, 1-2 cr

**COMMUNICATION (Comm)**

**College of Liberal Arts**

1000 Human Communication Theory (A-F only; meets LE req of LE CAT3)

49835 001 LEC, 11:00am-11:50am T, Chem 200, 11:00am-12:50pm Th, Chem 200; 30 seats reserved for Learning Community F08; 1 seat reserved for Continuing Education - EXPIRES 26-AUG-2008; Sunnarfrank, Michael J, 3 cr

1112 Public Speaking

(Credit will not be granted if credit has been received for COMM 1511; A-F only; meets LE req of LE CAT3)

49809 001 LEC, 08:00am-08:50am MW, ABAH 435, 3 cr

49811 002 LEC, 09:00am-09:50am MW, ABAH 435, 3 cr

49834 003 LEC, 10:00am-10:50am MW, ABAH 435, 3 cr

49835 004 LEC, 12:00pm-12:50pm MW, ABAH 435, 3 cr

49835 005 LEC, 01:00pm-01:50pm MW, ABAH 445, 3 cr

49835 006 LEC, 02:00pm-02:50pm MW, ABAH 435, 3 cr

49837 007 LEC, 01:00pm-02:30pm W, ABAH 425; Carlson, Kristin Hope, 3 cr

47437 008 LEC, 03:30pm-05:30pm M, ABAH 435, 3 cr

47439 009 LEC, 04:00pm-06:30pm W, ABAH 435, 3 cr

49809 010 LEC, 08:00am-09:15am TTh, ABAH 435; 1 seat reserved for Continuing Education - EXPIRES 26-AUG-2008, 3 cr

47863 011 LEC, 09:30am-10:45am TTh, ABAH 445, 3 cr

50071 012 LEC, 11:00am-12:15pm TTh, ABAH 435; 26 seats reserved for Learning Community F08, 3 cr

50459 013 LEC, 12:30pm-01:45pm TTh, ABAH 435; 1 seat reserved for Continuing Education - EXPIRES 26-AUG-2008, 3 cr

50467 014 LEC, 02:00pm-03:15pm TTh, ABAH 425, 3 cr

50819 015 LEC, 02:00pm-03:15pm TTh, ABAH 435, 3 cr

51985 016 LEC, 03:30pm-04:45pm TTh, ABAH 425; 1 seat reserved for Continuing Education - EXPIRES 26-AUG-2008, 3 cr

52069 017 LEC, 03:30pm-04:45pm TTh, ABAH 435, 3 cr

48791 020 LEC, 06:00pm-08:30pm T, ABAH 435; (Open CE reserved seats will be available to UMD students on 08/26/08); 5 seats reserved for Continuing Education - EXPIRES 26-AUG-2008, 3 cr

1222 Interpersonal Communication

(A-F only; meets LEC req of LEC CAT03)

46359 001 LEC, 08:00am-08:50am MW, ABAH 425, 3 cr

46361 002 LEC, 09:00am-09:50am MW, ABAH 425, 3 cr

46363 003 LEC, 11:00am-11:50am MW, ABAH 425; 29 seats reserved for Learning Community F08, 3 cr

46365 004 LEC, 01:00pm-02:30pm M, ABAH 425, 3 cr

46367 005 LEC, 03:00pm-03:50pm M, ABAH 445, 3 cr

47441 006 LEC, 03:30pm-05:50pm M, ABAH 425, 3 cr

47447 007 LEC, 03:30pm-05:50pm W, ABAH 425; Carlson, Kristin Hope, 3 cr

47965 008 LEC, 04:00pm-05:15pm MW, ABAH 445, 3 cr

47869 009 LEC, 08:00am-09:15am TTh, ABAH 425, 3 cr

47907 010 LEC, 11:00am-12:15pm TTh, ABAH 425, 3 cr

50073 011 LEC, 12:30pm-01:45pm TTh, ABAH 425; 28 seats reserved for Learning Community F08 - EXPIRES 14-AUG-2008, 3 cr

52073 012 LEC, 02:30pm-03:15pm TTh, ABAH 445, 3 cr

52075 013 LEC, 03:30pm-04:45pm TTh, ABAH 445, 3 cr

This information is accurate as of: 2/22/2008
<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Instructor(s)</th>
<th>Credits</th>
<th>Time</th>
<th>Location</th>
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<td>321</td>
<td>Communication and Technology in the Information Age</td>
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<td>10:00am-10:50am MW, ABAA 425</td>
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<td>55102</td>
<td>100 LEC, 10:00am-10:50am MW, ABAA 425</td>
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<td>3300</td>
<td>Teaching Assistanship in Communication</td>
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<td>3300</td>
<td>(max crs 6; 6 repeats allowed; S-N only; prereq Min 60 cr, comm major or minor, instr consent)</td>
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<td>Research Assistant in Communication</td>
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<td>3340</td>
<td>Health Communication</td>
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<td>Media Communications</td>
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<td>3560</td>
<td>Video Game Entertainment</td>
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<td>4394</td>
<td>Directed Research in Communication</td>
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<td>Directed Projects in Communication</td>
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<td>Media Theory and Research</td>
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<td>Introduction to Diagnosis of Communication</td>
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<td>Independent Study</td>
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<td>Introduction to Diagnosis of Communication</td>
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<td>5302</td>
<td>Language Disorders in School-Age Children</td>
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**COMMUNICATION SCIENCES AND DISORDERS (CSD)**

**College of Education & Human Service Professions**

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<tr>
<th>Course Code</th>
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<th>Credits</th>
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<td>Human Communication Disorders</td>
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<td>Group Communication</td>
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This information is accurate as of: 2/2/2008
### Computer Science (CS)

#### 8230 Neurogenic Language Disorders
- Prereq: CSD Grad student or inst consent

#### 48375
- 001 LEC, 08:00-09:15am MW, MonH 30; Colburn, Lynette Renee; Mizuko, Mark I, 3 cr

#### 8235 Counseling Implications in Communication Disorders
- Prereq: CSD Grad student, at least 4 cr of 8097 or inst consent

#### 5030 001 LEC, 04:00-05:40pm T, MonH 30; Spillers PhD, Cindy S, 2 cr

### COMPUTER SCIENCE (CS)

#### Swenson College of Science & Engineering

#### 1011 Introduction to Computers and Software
   - Credit will not be granted if credit has been received for: FMIS 2201; A-F only; prereq: 1 yr high school algebra, Comp 1120 or inst consent
   - Credit will not be granted if credit has been received for: FMIS 2201 or 1210 or 3201; meets LE req of LE CAT3)

#### 48553
- 002 LAB, 08:00-09:00am W, MWAH 177; Holtz, Steven J, 3 cr

#### 48554
- 003 LAB, 08:00-09:00am W, MWAH 177; Holtz, Steven J, 3 cr

#### 48557
- 004 LAB, 10:00-10:50am W, MWAH 177; Holtz, Steven J, 3 cr

#### 48559
- 005 LAB, 11:00-11:50am W, MWAH 177; Holtz, Steven J, 3 cr

#### 48661
- 006 LAB, 12:00-12:50pm W, MWAH 177; Holtz, Steven J, 3 cr

#### 51177
- 007 LAB, 01:00-01:50pm W, MWAH 177; Holtz, Steven J, 3 cr

#### 53008
- 008 LAB, 02:00-02:50pm W, MWAH 177, 3 cr

#### 53009
- 009 LAB, 03:00-03:50pm W, MWAH 177, 3 cr

#### 1094 Freshman Seminar: Computers and Society
   - (A-F only; prereq: Freshman, fewer than 30 credits; meets LE req of LE CAT3)

#### 50011
- 001 SEM, 03:00-04:45pm ThT, SCC 120; Allert, James Donald, 3 cr

#### 51779
- 002 SEM, 3 cr

#### 1121 Introduction to Programming in Visual BASIC.NET
   - Credit will not be granted if credit has been received for: FMIS 2225; A-F only; prereq: 1 yr high school algebra or inst consent; meets LE req of LE CAT3)

#### 46565
- 002 LAB, 10:00-10:50am M, MWAH 177; Prince, Christopher George, 4 cr

#### 48543
- 003 LAB, 11:00-11:50am M, MWAH 177; Allert, James Donald, 3 cr

#### 48747
- 004 LAB, 12:00-12:50pm M, MWAH 177; Allert, James Donald, 3 cr

#### 48879
- 005 LAB, 02:00-02:50pm M, MWAH 177; Allert, James Donald, 3 cr

#### 49743
- 006 LAB, 03:00-03:50pm M, MWAH 177; Allert, James Donald, 3 cr

#### 1301 Introduction to 3D Game Development: Learning to Program Computers by Creating Video Games
   - (A-F only; meets LE req of LE CAT3)

#### 51183
- 001 LEC, 03:30-04:45pm ThT, Chem 200; Holtz, Steven J, 3 cr

#### 51185
- 002 LAB, 10:00-10:50am F, MWAH 177; Holtz, Steven J, 4 cr

#### 51187
- 003 LAB, 11:00-11:50am F, MWAH 177; Holtz, Steven J, 4 cr

#### 51189
- 004 LAB, 12:00-12:50pm F, MWAH 177; Holtz, Steven J, 4 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 inst consent; meets LE req of LE CAT3)

#### 46715
- 001 LEC, 02:00-02:50pm MWF, MWAH 177; Prince, Christopher George, 4 cr

#### 48341
- 002 LAB, 02:00-02:50pm MWF, MWAH 177; Prince, Christopher George, 4 cr

#### 49513
- 004 LAB, 03:00-03:50pm M, MWAH 177; Prince, Christopher George, 4 cr

#### 2991 Independent Study
   - (max crs: 8; repeats allowed; prereq: instr consent)

#### 47821
- 001 LEC, Maclin, Richard Frank, 1-4 cr

#### 3011 Information Technology Hardware and Software
   - (A-F only; prereq: FMIS 2201 or FMIS 2202 or SBE 1101, 2511 or inst consent)

#### 48667
- 002 LAB, 04:00-04:50pm W, HHS 306; Shute, Gary M, 4 cr

#### 53109
- 003 LAB, 05:00-05:50pm Th, HHS 306; Shute, Gary M, 4 cr

#### 53108
- 004 LAB, 06:00-06:50pm Th, HHS 306; Shute, Gary M, 4 cr

#### 3111 Computer Ethics
   - (A-F only; prereq: Comp 3100 or 3110 or 3121 or 3130 or 3140 or 3150 or 3160 or Engr 4001, min 60 cr or inst consent)

#### 49717
- 001 LEC, 02:00-03:15pm TTH, HHS 306; Crouch, Donald B, 4 cr

#### 53178
- 002 LEC, 02:00-03:15pm TTH, Room TBA; Crouch, Donald B, 4 cr

#### 53177
- 003 LEC, 02:00-03:15pm TTH, Room TBA; Crouch, Donald B, 4 cr

#### 3211 Database System Concepts
   - (A-F only; prereq: FMIS 2201 or FMIS 2202 or SBE 1101, 2511 or inst consent)

#### 48435
- 002 LAB, 08:00-09:50am F, MshH239; Mac Lab needed for this lab section; Prince, Christopher George, 4 cr

#### 3212 Interative Multimedia Technology
   - (A-F only; prereq: FMIS 2201 or FMIS 2202 or SBE 1101, 2511 or inst consent)

#### 49839
- 002 LEC, 03:00-04:50pm M, HHS 306; Crouch, Donald B, 4 cr

#### 53121
- 005 LAB, 05:00-06:50pm W, HHS 306, 4 cr

#### 3512 Computer Science Theory
   - (A-F only; prereq: 1296 or 1568, CS 2511 or inst consent)

#### 51221
- 001 LEC, 01:00-02:15pm ThT, HHS 306; Crouch, Donald B, 4 cr

#### 54853
- 002 LEC, 01:00-02:15pm F, HHS 306; Crouch, Donald B, 4 cr

#### 3996 Internship in Computer Science
   - (max crs: 3; repeats allowed; S-N only; prereq: Comp sci jr, instr consent)

#### 47803
- 001 IEC; Colburn, Timothy Robert, 1-3 cr

#### 4991 Independent Study
   - (max crs: 8; repeats allowed; A-F only; prereq: instr consent)

#### 47825
- 001 IND; Maclin, Richard Frank, 1-4 cr

#### 4993 Seminar
   - (A-F only; prereq: 2511, Comp 1112, Comp 3130 or 3150, CS or CIS major and 90 or grad School cr)

#### 48669
- 001 SEM, 1 cr

#### 51229
- 002 SEM, 1 cr
### 4994 Honors Project
(max crs 3; A-F only; prereq Consent of comp sci honors prog core committee; meets HON req of Honors)

54732 001 DRS; Colburn, Timothy Robert, 2-3 cr

### 5541 Artificial Intelligence
(A-F only; prereq 2511, 3511 or 3512 or instr consent)

5101 001 LEC; Crouch, Donald B, 1-2 cr

5103 003 LEC, 4 cr

51207 002 IND; Maclin, Richard Frank, 1 cr

### 5551 User Interface Design
(A-F only; prereq 2511, 1 Math 1297 or Math 2232) or instr consent

5001 LEC, 02:00pm-02:50pm MW, HH 306; Pedersen, Ted, 4 cr

### 5631 Operating Systems
(A-F only; prereq 2511, 2521 or instr consent)

5001 LEC, 10:00am-10:50am MW, HH 306; Crouch, Carolyn J, 4 cr

54761 002 LAB, 06:00pm-07:50pm M, MWAH 177; Crouch, Carolyn J, 4 cr

51205 003 LAB, 04:00pm-05:40pm M, MWAH 177, 4 cr

### 5641 Compiler Design
(A-F only; prereq 2511, 2521, 3511 or 2521, 3512) or instr consent

5001 LEC, 09:00am-09:50am MW, HH 380; Martin, Daniel D., 3-4 cr

54886 002 LAB, 09:00am-09:50am F, MWAH 177; Martin, Daniel D., 4 cr

54898 003 LAB, 04:00pm-04:50pm F, MWAH 177; Martin, Daniel D., 4 cr

5651 Computer Networks
(A-F only; prereq 2511, 2521, or instr consent)

5001 LEC, 12:00pm-12:50pm MW, MWAH 175; Willemsen, Peter J, 4 cr

48221 002 LAB, 06:00pm-07:50pm Th, MWAH 177; Willemsen, Peter J, 4 cr

51207 003 LAB, 04:00pm-05:40pm Th, MWAH 177; Willemsen, Peter J, 4 cr

### 5721 Computer Graphics
(C-A-F only; prereq 2511, (CS 3511 or Math 2326) or instr consent)

5001 LEC, 03:00pm-03:50pm MW, HH 306; Martin, Daniel D., 4 cr

54886 002 LAB, 09:00am-09:50am F, MWAH 177; Martin, Daniel D., 4 cr

54898 003 LAB, 04:00pm-04:50pm F, MWAH 177; Martin, Daniel D., 4 cr

### 5741 Object-Oriented Design
(A-F only; prereq 2511, 3511 or 3512 or instr consent)

5001 LEC, 11:00am-11:50am MW, HH 306; Shute, Gary M 4 cr

49571 002 LEC, 06:00pm-06:50pm T, MWAH 177; Shute, Gary M, 4 cr

54900 003 LAB, 04:00pm-04:50pm T, MWAH 177; Shute, Gary M, 4 cr

### 5761 Introduction to Natural Language Processing
(A-F only; prereq 2511, 3511 or 3512 or instr consent)

50001 LEC, 12:30pm-01:45pm Th, HH 306; Pedersen, Ted, 4 cr

50023 002 LAB, 07:00pm-07:50pm T, MWAH 177; Pedersen, Ted, 4 cr

51241 003 LAB, 05:00pm-05:50pm T, MWAH 177; Pedersen, Ted, 4 cr

### 5991 Independent Study
(max crs 8, 8 repeats allowed; A-F only; prereq Instr consent)

50002 001 IND; Maclin, Richard Frank, 1 cr

### 8333 FTE: Master's
(NGA; prereq: master student, adviser and DGCS consent)

47981 001 DRS; 1 cr

### 8561 Human Computer Interaction
(A-F; prereq 3551 or 5721)

51245 001 LEC, 04:00pm-05:50pm MW, MWAH 175; Willemsen, Peter J, 4 cr

58621 Advanced Computer Architecture
(A-F only; prereq 5621 or instr consent)

50025 001 LEC, 04:00pm-05:50pm Th, MWAH 175; Pedersen, Ted, 4 cr

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

48037 001 THE; Crouch, Donald B, 1-2 cr

48039 002 THE; Dunham, Douglas, 1-2 cr

48041 003 THE; Crouch, Carolyn J, 1-2 cr

48043 004 THE; Shute, Gary M, 1-2 cr

48045 005 THE; Maclin, Richard Frank, 1-2 cr

48047 006 THE; Turner, Hudson, 1-2 cr

48049 007 THE; Pedersen, Ted, 1-2 cr

48051 008 THE; Prince, Christopher George, 1-2 cr

48053 009 THE; Willemsen, Peter J, 1-2 cr

48273 010 THE, 1-2 cr

### 8993 Seminar
(max crs 3; 3 repeats allowed; A-F only; prereq Instr consent)

48441 001 SEM, 01:00pm-01:50pm MW, HH 306; Crouch, Carolyn J, 1 cr

51243 002 SEM, 1 cr

### CONTINUING EDUCATION
(CnEd)

#### Continuing Education

### 3535 Strategic Career Planning
(Credit will not be granted if credit has been received for: PSY 3535; max crs 3; A-F only; prereq Min 45 cr or instr consent, 2 cr option available if 2535 has been completed, (max 2 cr if completed 2535); 3 cr is required if has not been received for 2535)

52101 350 INI; (Individualized Instruction—16 week course—register anytime. Students must access initial course information at www.d.umn.edu/goto/ini. Click on "Getting Started After Registration" to begin. Students must check their UMD e-mail account for correspondence from their instructor. Open CE reserved seats will be available to UMD students on 08/26/08; 2 seats reserved for Continuing Education - EXPRES 26-AUG-2008; O’Sullivan, Katherine S, 2-3 cr

52103 351 INI; (Individualized Instruction—16 week course—register anytime. Students must access initial course information at www.d.umn.edu/goto/ini. Click on "Getting Started After Registration" to begin. Students must check their UMD e-mail account for correspondence from their instructor. Open CE reserved seats will be available to UMD students on 08/26/08; 2 seats reserved for Continuing Education - EXPRES 26-AUG-2008; Olsen, Sonja M., 2-3 cr

### CRIMINOLOGY (CRIM)

#### College of Liberal Arts

### 8100 Criminal and Criminal Justice Systems
(A-F only; prereq Graduate student or instr consent)

49865 001 LEC, 05:00pm-07:40pm W, Cina 214; Hesselton, Denise Suzanne, 3 cr

### 8200 Criminal Justice Research Methods and Statistics
(A-F only; Graduate student or instr consent)

49867 001 LEC, 05:00pm-08:00pm M; H458; Martin, Daniel D., 4 cr

### 8295 Special Topics: (Various Titles to be Assigned)
(max crs 8; A-F only; prereq Graduate student or instr consent)

52877 001 SEM, 05:00pm-07:50pm T, Cina 106; Weidner, Robert R, 3-4 cr

### 8600 Practicum in Criminology
(max crs 13.5; 3 repeats allowed; S-N only; prereq Grad student or instr consent)

49869 001 FWK; Maahs, Jeffrey Robert, 1-15 cr

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

50775 001 THE; Maahs, Jeffrey Robert, 1-18 cr

### 8900 Directed Readings
(max crs 6; 6 repeats allowed; A-F only; prereq Grad student or instr consent)

50777 001 DRD; Maahs, Jeffrey Robert, 1-6 cr

### CULTURAL STUDIES (CST)

#### College of Liberal Arts

### 1022 The Bible as Literature
(A-F only; meets LE req of LE CAT9)

56461 001 LEC, 03:00pm-05:30pm MW, Cina 102; Parrell, Thomas James, 3 cr

### 1030 Frontier Heritage in Canada and the United States
(A-F only; meets LECO req of LECO CAT07)

52880 001 LEC, 11:00am-12:40pm TT, Cina 214, 4 cr

### 1095 Freshman Seminar: Bodies and Culture Through Film
(A-F only; prereq Freshman, fewer than 30 credits; meets LE req of LE CAT8)

56475 001 SEM, 11:00am-12:50pm MW, Cina 214, 4 cr
### Early Childhood Studies (ECh)

#### College of Education & Human Service Professions

<table>
<thead>
<tr>
<th>Year</th>
<th>Title</th>
<th>Credits</th>
<th>Time</th>
<th>Location</th>
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<tr>
<td>2010</td>
<td>Foundational Issues in Early Childhood Studies</td>
<td>4</td>
<td>08:00am-09:50am W, MonH 121</td>
<td>MPAC 21</td>
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<td>2015</td>
<td>Literature for Young Children</td>
<td>4</td>
<td>09:00am-11:50am M, MonH 121</td>
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<td>(Non-LSBE Business Adm or Accounting majors or minors); Meets with:</td>
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<td>48965 ECON 2030, 48967 2030, Wilmot, Neil, 3 cr</td>
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<td>2016</td>
<td>Early Childhood Years</td>
<td>4</td>
<td>09:00am-10:50am M, MonH 121</td>
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<td>2017</td>
<td>Student Teaching in Early Childhood/Primary</td>
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<td>10:00am-11:50am M, MonH 121</td>
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<td>2018</td>
<td>Professional Issues Seminar in Early Childhood Education</td>
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<td>12:00pm-01:45pm T, MPAC 21</td>
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<td>Principles of Economics: Micro</td>
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<td>12:30pm-01:45pm T, LSBE 118</td>
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<td>2021</td>
<td>Principles of Economics: Micro</td>
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### Dance (DN)

#### School of Fine Arts

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<td>Introduction to the World of Dance</td>
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<td>2011</td>
<td>Tap Dance Technique</td>
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<td>2012</td>
<td>Ballet Technique</td>
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<td>10:00am-11:50am M, MonH 121</td>
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<td>2013</td>
<td>Jazz Dance Technique III</td>
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<td>2014</td>
<td>Intern Teaching Dance</td>
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### Economics (Econ)

#### Doovitz School of Business & Economics

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This information is accurate as of: 2/22/2008
### EDUCATION, SECONDARY (EdSe)

#### College of Education & Human Service Professions

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<td>799</td>
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#### Theory and Practice of Quantitative Research Methods

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<td>1001</td>
<td>Research Project (max crs 12; 4 repeats allowed; A-F only; prereq Ed Se majors only)</td>
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#### Human Relations in Classrooms

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<tr>
<td>1201</td>
<td>Philosophy and Organization of the Middle School (A-F only; prereq Secondary majors admitted to teacher education program or elementary education majors, 45 cr; Credit will not be granted if credit has been received for: 5120)</td>
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#### Human Relations in Classrooms (A-F only; prereq Secondary majors admitted to teacher education program or elementary education majors, 45 cr; Credit will not be granted if credit has been received for: 5215) |                                   | 45 cr   |

#### Reading in the Middle and Secondary School, Grades 5-12 (A-F only; Credit will not be granted if credit received for: 5215) |                                   | 12 cr   |

#### Teaching Social Studies, Grades 5-12 (A-F only; prereq Admission to EdSe program, 3204 or instructional methods course) |                                   | 12 cr   |

#### Teaching Science, Grades 5-12 (A-F only; prereq Admission to EdSe program, 3204 or instructional methods course) |                                   | 12 cr   |

#### Professional Development Seminar for Secondary Education Majors (max crs 3; 3 repeats allowed; A-F only; prereq Acceptance into EdSe program; no Grad School cr) |                                   | 12 cr   |

#### This information is accurate as of: 2/22/2008
This information is accurate as of: 2/22/2008
ENGLISH (Eng) College of Liberal Arts

1001 Great American Authors
(A-F only; meets LE req of LE CAT9)

49805 001 LEC, 10:00am-10:50am MW, MonH 203; 30 seats reserved for Learning Community Freshman; FPR EXPRESSES 14-AUG-2008; Schwetman, John David, 3 cr

1101 Literature Appreciation
(Credit will not be granted if credit has been received for: ENGL 1907; A-F only; prereq Primarily for nonmajors and creative writers; Credit will not be granted if credit has been received for: 1907; meets LE req of LE CAT9)

50767 001 LEC, 09:00am-09:50am MW, Chem 150; Schwetman, John David, 3 cr

1575 20th-Century Literature
(A-F only; prereq Primarily for nonmajors; meets LE req of LE CAT9)

51593 001 LEC, 10:00am-11:50am TTh, Cina 202; Bock, Martin F, 4 cr

1582 Introduction to World Literatures
(A-F only; meets LEIP req of LEIP CAT09)

45899 001 LEC, 03:00pm-03:50pm MW, LSBE 125; 30 seats reserved for Learning Community FOB - EXPRESSES 14-AUG-2008; Schwetman, John David, 3 cr

1805 Freshman Seminar: Satire and Humor
(A-F only; credit will not be granted if credit has been received for: ENGL 1101; A-F only; prereq Primarily for nonmajors, Credit will not be granted if credit has been received for: 1101; meets LE req of LE CAT9)

53080 001 LEC, 09:00am-10:50am MW, ABAB 235; Sigler, Carolyn, 4 cr

1907 Introduction to Literature
(Credit will not be granted if credit has been received for: ENGL 1101; A-F only; prereq Primarily for nonmajors; Credit will not be granted if credit has been received for: 1101; meets LE req of LE CAT9)

48613 001 LEC, 03:00pm-03:50pm MW, MonH 203; Bock, Carol Ann, 3 cr

2571 Contemporary Literature
(A-F only; meets LE req of LE CAT9)

49503 001 LEC, 08:00am-09:50am TTh, H 403; Brier, Evan, 4 cr

2581 Women Writers
(A-F only; meets LE req of LE CAT9)

49849 001 LEC, 09:00am-10:50am TTh, ABAB 235; Basham, Kate, 4 cr

3115 Writing Fiction
(max crs: 8; A-F only; prereq Comp 1100, min 60 cr (cr lit or instr consent))

51609 001 LEC, 02:00pm-03:50pm TTh, SCC 6; Maoio, Joseph C, 4 cr

3121 Writing Poetry
(A-F only)

50479 001 LEC, 09:00am-10:50am M, Library 409; 09:00am-09:50am WF, Library 409; Basham, Kate, 4 cr

3333 Children’s Literature: Texts and Contexts
(A-F only)

53081 001 LEC, 12:00pm-12:50pm MF, H 403; 12:00pm-12:50pm W, ABAB 1235; Sigler, Carolyn, 4 cr

3501 British Literature I
(A-F only; prereq Engmaj major or minor or teach comm art/lit major or minor or elem-middle educ comm/lit specialization)

49767 001 LEC, 02:00pm-03:50pm M, H 403; 02:00pm-02:50pm WF, H 403; , 4 cr

3563 American Literature I
(A-F only)

49591 001 LEC, 11:00am-11:50am MW, ABAB 235, 11:00am-11:50am F, H 314; Schwetman, John David, 4 cr

3906 Methods of Literary Study
(A-F only; prereq Comp 1100; Engmaj major or Tch Comm Art/Lit major or instr consent)

49593 001 LEC, 12:00pm-01:50pm TTh, MonH 70; Brier, Evan, 4 cr

4971 Internship in Publishing
(max crs: 6; S-N only; prereq minimum 60 credits, instr consent)

50741 001 IEX, 1-4 cr

4909 Senior Portfolio
(S-N only; prereq Engmaj major, sr)

48396 001 SEM: Adams, Stephen James, 1 cr

4931 Practicum in Teaching Literature
(A-F only; prereq 3906, sr, 4 other upper division literature courses and instr consent; no Grad School cr)

48593 001 IEX, 1 cr

4979 Internship in Publishing
(max crs: 3; S-N only; prereq 8906, instr consent)

50743 001 IEX, 1-3 cr

5222 Shakespeare
(A-F only; prereq 6 cr literature)

49239 001 LEC, 10:00am-10:50am T, LSEB 265, 10:00am-11:50am Th, MonH 30, Cannan, Paul D, 4 cr

5375 Modern Poetry
(A-F only; prereq 6 cr literature)

53086 001 LEC, 12:00pm-01:50pm T, KPS 143; Bock, Carol Ann, 4 cr

5561 English Romanticism
(A-F only; prereq 6 cr literature)

53084 001 LEC, 12:00pm-01:50pm MW, ABAB 245; Bock, Carol Ann, 4 cr

5581 American Novel I
(A-F only; prereq 6 cr lit or instr consent)

51613 001 LEC, 08:00am-09:50am MW, LSBE 125; , 4 cr

5595 Special Topics: (Various Titles to be Assigned)
(max crs: 10; 10 repeats allowed; A-F only; prereq Primarily for majors, minors, grad)

53085 001 LEC, 02:00pm-03:50pm M, Bohl 104, 02:00pm-02:50pm WF, LSBE 165; Maioio, Joseph C, 1-5 cr

5902 Teaching Language, Cognition, and Writing
(A-F only; prereq Teach comm art/lit major or minor or TESOL licensure or elem/middle educ comm/lit specialization or instr consent)

47617 001 LEC, 04:00pm-05:50pm MW, H 446; , 4 cr

49137 002 LEC, 08:00am-09:50am TTh, Library 409; Miller Cleary, Lisa, 4 cr

5922 Teaching Literature and Communication
(S-N only; prereq 5902; teach comm art/lit major or minor or TESOL licensure or instr consent)

49901 001 LEC, 12:00pm-01:50pm T, KPS 143; 12:00pm-01:50pm Th, MonH 208; Miller Cleary, Linda, 5 cr

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

47857 001 DSL, 04:00pm-04:50pm TTh, H 314; Tuw, Krista Sue-Lo, 1 cr
ENVIRONMENTAL EDUCATION (EnEd)

College of Education & Human Service Professions

3341 Field Interpretative Techniques I
   (A-F only; prereq Rec 2300 or instr consent, Credit will not be granted if credit has been received for: Rec 3341)
   47260 001 LEC, 09:00am-10:50am MWF, SpHC 9; Off campus field trip: Sep 22-24, 2008; Gilbertson, Kenneth Lloyd, 3 cr

3415 Operations and Management
   (A-F only; prereq Rec 2300 or instr consent; no Grad School credit)
   48796 001 LAB, 02:00pm-05:00pm Th, SpHC 9; Course includes a weekend field trip October 4-5, 2008; Gilbertson, Kenneth Lloyd; Bates, Timothy Alan, 3 cr

4601 Wilderness Philosophy
   (prereq Grad School credit)
   4601 001 LEC, 09:00am-10:50am MWF, SpHC 9; Off campus field trip: Sep 26-28, 2008; Gilbertson, Kenneth Lloyd, 3 cr

4996 Outdoor Education Internship
   (S-N only; prereq 2698, Graduate School credit, Credit will not be granted if credit has been received for: Rec 4996)
   47265 001 IEK; Beerly, Thomas Harold, 2 cr

5163 Outdoor Education Methods
   (A-F only; prereq MED candidate or instr consent; no Grad School credit.)
   50411 001 LEC, 02:00pm-05:00pm Th, Room TBA; Meets with EnEd 4163; Course includes a weekend field trip October 4-5, 2008; Gilbertson, Kenneth Lloyd; Bates, Timothy Alan, 3 cr

5164 Environmental Education In-Service Training
   (max 10; 10 repeats allowed; A-F only; prereq instr consent; no Grad School credit)
   48813 001 LEC; Individualized Instruction - 16 week course - register anytime. Students must access initial course information at www.d.umn.edu/goto/ini. Click on "Getting Started After Registration" to begin. Open CE reserved seats will be available to UMD students on 08/26/08, 0.50-10 cr
FAMILY MEDICINE (FMed)

Duluth School of Medicine

591 Independent Study

(max crs 12; 12 repeats allowed; prereq by department)

48321 001 LAB, Davis, Gary L, 1-8 cr

697 The Healer’s Art

(P-N only; prereq Regis med student, instr consent, no Grad School credit)

490 001 Dichter, Jennifer Lynn; Westra, Ruth E, 1 cr

698 Obstetrical Longitudinal Course

(P-N only; prereq Preregis med, instr consent, cannot be concurrently registered for FMed 6977)

50001 001 LEC; Westra, Ruth E, 1 cr

700 Clinical Family Medicine

(max crs 117.9 repeats allowed; P-N only; prereq dept consent; no Grad School credit)

47399 001 CLN; Westra, Ruth E, 13 cr

FINANCE & MANAGEMENT INFORMATION (FMIS)

Labovitz School of Business & Economics

220 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, Consent will not be granted if credit has been received for: 1201 or 3201 or CS 1011)

49949 001 LEC, 09:30am-10:45am TTh, LSBE 118; (LSBE students and 15 cr); Meets with: 49951 FMIS 2001, 3 cr

49951 002 LEC, 09:30am-10:45am TTh, LSBE 118; (Information Systems Management students and 15 cr); Meets with: 49949 FMIS 2201, 3 cr

49953 003 LEC, 11:00am-1:15am MW, LSBE 118; (Information Systems Management students and 15 cr); Meets with: 49955 FMIS 2001; Person PhD, Henry B, 3 cr

49955 004 LEC, 11:00am-1:15am MW, LSBE 118; (Information Systems Management students and 15 cr); Meets with: 49953 FMIS 2201; Person PhD, Henry B, 3 cr

50007 005 LEC, 12:00pm-1:15pm MW, LSBE 118; (LSBE students and 15 cr); Meets with: 50009 FMIS 2201; Person PhD, Henry B, 3 cr

50009 006 LEC, 12:00pm-1:15pm MW, LSBE 118; (Information Systems Management students and 15 cr); Meets with: 50007 FMIS 2201; Person PhD, Henry B, 3 cr
**MINNESOTA**

**College of Liberal Arts**

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<td>John B, Wattrus</td>
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**Health and Wellness Strategies for Life**

- **Health and Wellness Strategies for Life**
  - 1 credit
  - A-F only
  - Prereq: Graduate student or instr consent

**German (Ger)**

- **College of Liberal Arts**

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<td>2301</td>
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**CPR/AED for the Professional Rescuer**

- **CPR/AED for the Professional Rescuer**
  - 1 credit
  - A-F only
  - Prereq: CPR/AED for the Professional Rescuer

**Applied Human Anatomy**

- **Applied Human Anatomy**
  - 3 credits
  - A-F only
  - Prereq: Athletic training, hist or ed or ever sc or rec major or cond, Biol 1001 or Biol 1011 and [Chem 1102 or Chem 1113]
  - Prereq: Grad School credit

**Graduate School (Grad)**

- **Graduate School Active Status**
  - 99 credits
  - Prereq: Credit will not be granted if credit has been received for: Biol 1761A; A-F only
  - Prereq: Athletic training, hist or ed or ever sc or rec major or cond, Biol 1001 or Biol 1011 and [Chem 1102 or Chem 1113]
  - Prereq: Grad School credit

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

Fall 2008
### Health Care Management (HCM)

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
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<tbody>
<tr>
<td>Labovitz School of Business &amp; Economics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4520 Health Care Organization and Management</td>
<td></td>
<td>A-F; prerequisite LSBE candidate or college consent, credit received for:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>34501, preferred but not required, no Grad School credit, max 4 credits,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A-F; prerequisite instr consent, no Grad School credit, max 4 credits,</td>
</tr>
<tr>
<td>4530 Legal Aspects of and Ethics in Health Care</td>
<td></td>
<td>A-F; prerequisite LSBE candidate or college consent, credit received for:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>34501, preferred but not required, no Grad School credit, max 4 credits,</td>
</tr>
<tr>
<td>4591 Independent Study</td>
<td>1-3</td>
<td>A-F; prerequisite LSBE candidate, instr consent, no Grad School credit,</td>
</tr>
<tr>
<td>4597 Internship</td>
<td>1-3</td>
<td>A-F; prerequisite LSBE candidate, consent of program director or internship</td>
</tr>
<tr>
<td></td>
<td></td>
<td>director, no Grad School credit, max 4 credits, A-F; prerequisite instr</td>
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<tr>
<td></td>
<td></td>
<td>consent, no Grad School credit, max 4 credits, A-F; prerequisite instr</td>
</tr>
<tr>
<td></td>
<td></td>
<td>consent, no Grad School credit, max 4 credits, A-F; prerequisite instr</td>
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### Health, Physical Education and Recreation (HPER)

<table>
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<tr>
<th>College of Education &amp; Human Service Professions</th>
<th>Credits</th>
<th>Prerequisites</th>
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</thead>
<tbody>
<tr>
<td>3100 Risk Management</td>
<td>1-3</td>
<td>A-F; prerequisite exer sci or rec cand or instr consent, credit received for:</td>
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<tr>
<td></td>
<td></td>
<td>34501, preferred but not required, no Grad School credit, max 4 credits,</td>
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<tr>
<td></td>
<td></td>
<td>A-F; prerequisite instr consent, no Grad School credit, max 4 credits,</td>
</tr>
<tr>
<td>3200 Research and Evaluation in Health Science</td>
<td>1-3</td>
<td>A-F; prerequisite Min 60 cr, Health ed major or minor or rec major or minor</td>
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<tr>
<td></td>
<td></td>
<td>or instr consent, credit received for:</td>
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<tr>
<td>3101 Internship in History</td>
<td>1-3</td>
<td>A-F; prerequisite credit will not be granted if credit has been received for:</td>
</tr>
<tr>
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<td></td>
<td>34501, preferred but not required, no Grad School credit, max 4 credits,</td>
</tr>
<tr>
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<td>A-F; prerequisite instr consent, no Grad School credit, max 4 credits,</td>
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### History (Hist)

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<tr>
<th>College of Liberal Arts</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>1207 Dawn of Modern Europe</td>
<td></td>
<td>A-F; prerequisite LSBE candidate or college consent, credit received for:</td>
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<tr>
<td></td>
<td></td>
<td>34501, preferred but not required, no Grad School credit, max 4 credits,</td>
</tr>
<tr>
<td>1208 Europe in the Modern Age</td>
<td>1-3</td>
<td>A-F; prerequisite LSBE candidate or college consent, credit received for:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>34501, preferred but not required, no Grad School credit, max 4 credits,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A-F; prerequisite instr consent, no Grad School credit, max 4 credits,</td>
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<td>A-F; prerequisite instr consent, no Grad School credit, max 4 credits,</td>
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### Industrial Engineering (IE)

<table>
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<tr>
<th>Course Name</th>
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<th>Prerequisites</th>
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<tr>
<td>Swenson College of Science &amp; Engineering</td>
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<tr>
<td>1225 Introduction to Design and Manufacturing</td>
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<td>Credit will not be granted if credit has been received for: ENGR 1210; A-F;</td>
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<tr>
<td></td>
<td></td>
<td>prerequisite Math 1206 or 1596 or instr consent, credit received for:</td>
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<td>34501, preferred but not required, no Grad School credit, max 4 credits,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A-F; prerequisite instr consent, no Grad School credit, max 4 credits,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A-F; prerequisite instr consent, no Grad School credit, max 4 credits,</td>
</tr>
</tbody>
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This information is accurate as of: 2/22/2008
4891 Independent Study
(max crs 5; A-F only; prereq 8 cr IntS, instr consent.)
48261 001 IND, 1-5 cr

JOURNALISM (Jour)

College of Liberal Arts

2001 Reporting and Writing I
(A-F only; prereq Comp 1120)
48279 001 LEC, 11:00am-11:50am MWF, H 484; 3 cr
49087 090 LEC, 06:00pm-06:50pm M, H 484; (Open CE reserved seats will be available to UMD students on 08/26/08; 5 seats reserved for Continuing Education - EXPIRES 26-AUG-2008; 3 cr)

3001 Reporting and Writing II
(A-F only; prereq 2001, Comp 1120)
49007 001 LEC, 09:30am-10:45am MWF, H 484; , 3 cr

3401 Broadcast News Writing
(A-F only; prereq 2001, Comp 1120)
50609 001 LEC, 01:00pm-01:50pm MWF, H 484; , 3 cr

3991 Independent Study in Journalism
(max crs 3; A-F only; prereq 2001, instr consent)
48957 001 IND, 1-5 cr

4101 News Layout and Design
(A-F only; prereq 2001, Grad Student)
49449 001 LEC, 03:00pm-04:45pm MWF, H 484; , 3 cr

5102 Advanced Editing
(A-F only; prereq 2001, 3101 or Grad Student)
49609 001 LEC, 08:00am-09:15am MWF, H 484; , 3 cr

5197 Journalism Internship
(max crs 3; S-N; prereq 2001, 3700, 60 cr. or Grad Student, instr consent)
48399 001 IEX, 1-3 cr

LABOVITZ SCHOOL OF BUSINESS AND ECONOMICS (LSBE)

Labovitz School of Business & Economics

1101 The Business Environment
(A-F only; meets LE req of LE CAT8)
45759 001 LEC; Meets with: 50075 LSBE 1101, 3 cr

LANGUAGE (Lang)

College of Liberal Arts

1301 ESL: English for Academic Writing and Speaking
(max crs 6; A-F only)
48527 001 LEC, 01:00pm-02:15pm MWF, H 458; , Anderson, Heidi Rochelle, 3 cr

3091 Directed Study
(max crs 6; 6 repeats allowed; A-F only; prereq instr consent, dept consent)
48511 001 DST, 1-3 cr

LIMNOLOGY (Lim)

Swenson College of Science & Engineering

5004 Field Limnology
(A-F only; prereq Graduate student or instr consent)
50615 001 LAB, 01:00pm-04:20pm T, Room TBA; Class will meet in RLB 200; Werne, Josef P., 2 cr

5103 Geological Limnology
(A-F only; prereq Math 1296, Phys 1002 or 1002, Chem 1152 or 1162, or grad student, Credit will not be granted if credit has been received for: 5002)
50547 001 LEC, 11:00am-11:50am MWF, H 3314; Tuesdays are arranged; Johnson, Thomas Charles, 3 cr

This information is accurate as of: 2/22/2008
### Linguistics (Ling)

- **College of Liberal Arts**
- **Linguistics (Ling)**
  - 3801: Introduction to Language (A-F only; meets LLE req of LEC CAT2)
  - 3802: 001LEC, 09:00am-09:50am MWF, H 403.; 3 cr
  - 3807: 002LEC, 08:00am-08:15am TTh, ABAH 4445; (Open CE reserved seats will be available 8/28/07); 3 cr
  - 3911: Introduction to Phonology (A-F only; prereq 1811 or instr consent; department consent)
  - 4681: 001 IND.; 1-3 cr

### Applied Linguistics

- 4784: 001LEC, 10:00am-11:50am MWF, H 468.; 4 cr

### Management Studies (MgtS)

- **Labovitz School of Business & Economics**
- **Management Studies (MgtS)**
  - 3401: Organizational Behavior and Management (A-F; prereq MgtS 3701 or approved non-LSBE bus adm minor or college consent)
  - 3491: Independent Study in Linguistics (max crs 6; repeats allowed; A-F only; prereq 1811 or instr consent; department consent)
  - 48649: 005LEC, 11:00am-12:15pm TTh, LSBE 135; (LSBE candidates); Meets with: 48651 MGTs 3801; David, Jennifer Gregory, 3 cr
  - 48651: 006LEC, 11:00am-12:15pm TTh, LSBE 135; (Non-LSBE Business Adm minors); Meets with: 48649 MGTs 3801; David, Jennifer Gregory, 3 cr
  - 49515: 007LEC, 08:00am-09:15am TTh, LSBE 125; (LSBE candidates); Meets with: 49517 MGTs 3801; Rubenberg, Stephen A., 3 cr
  - 49517: 008LEC, 08:00am-09:15am TTh, LSBE 125; (Non-LSBE Business Adm minors); Meets with: 49515 MGTs 3801; Rubenberg, Stephen A., 3 cr
  - 3897: Human Resources Internship (A-F; prereq MgtS 3rd yr of internship director)
  - 50433: 001 IEX; Kaas, Duane A, 3 cr

### Organizational Studies

- 4411: Organizational Studies (A-F; prereq 3401; LSBE cand or college consent)
  - 52095: 001LEC, 06:00pm-08:40pm W, LSBE 225, 3 cr

### Leadership

- 4431: Leadership (A-F; prereq 3401, LSBE cand or college consent)
  - 48899: 001LEC, 03:30pm-04:45pm TTh, LSBE 265; Pierce, Jon L, 3 cr

### Entrepreneurship

- 4472: Entrepreneurship (A-F; prereq MgtS 3rd yr of college consent)
  - 49987: 001SEM, 12:30pm-01:45pm TTh, LSBE 225; Borchert, Patricia S., 3 cr

### Negotiations, Bargaining and Conflict Resolution

- 4475: Negotiations, Bargaining and Conflict Resolution (A-F; prereq MgtS candidate, 3401 or instr consent)
  - 50245: 001LEC, 04:00pm-05:15pm W, LSBE 225; Cummings, Anne, 3 cr

### Strategic Alliances

- 4481: Strategic Alliances (A-F; prereq 3401, 3701, FMIS 3301, FMIS 3601, 90 or LSBE cand or college consent; no Grad School credit)
  - 46807: 001LEC, 08:00am-08:50am W, LSBE 229; Liang, Xin, 3 cr
  - 46809: 002LEC, 08:00am-09:00am MWF, LSBE 229; Liang, Xin, 3 cr
  - 46811: 003LEC, 10:00am-10:50am MWF, LSBE 225; Liang, Xin, 3 cr
  - 49521: 004LEC, 08:00am-09:15am TTh, LSBE 229; Goel, Sanjay, 3 cr

### Cooperative Strategy and Strategic Alliances

- 4483: Cooperative Strategy and Strategic Alliances (A-F; prereq MgtS candidate, 3401, 4481 preferred or instr consent)
  - 53016: 001SEM, 06:00pm-08:40pm M, LSBE 225; Bell PhD, Geoffrey George, 3 cr

### Compensation Systems

- 4831: Compensation Systems (A-F; prereq 3801, LSBE cand or college consent)
  - 46731: 001LEC, 02:00pm-03:15pm TTh, LSBE 229; Rubenberg, Stephen A., 3 cr

### Training and Development

- 4841: Training and Development (A-F; prereq 3801, LSBE cand or college consent)
  - 50427: 001LEC, 04:00pm-05:15pm W, LSBE 229; Mencl, Jennifer, 3 cr

### International Human Resource Management

- 4861: International Human Resource Management (A-F; prereq 3801, LSBE candidate or instr consent)
  - 50645: 001LEC, 03:30pm-04:45pm TTh, LSBE 225; David, Jennifer Gregory, 3 cr
  - 46639: 002LEC, 03:30pm-04:45pm TTh, LSBE 225; (Non-LSBE Business Adm minors); Meets with: 46729 MGTs 3801; Mencl, Jennifer, 3 cr

### Principles of Marketing

- 3701: Principles of Marketing (A-F; prereq LSBE cand or approved non-LSBE bus adm minor or college consent; Credit will not be granted if credit has been received for: MgtS 3701)
  - 46763: 001LEC, 01:00pm-01:50pm W, LSBE 135; (LSBE candidates); Meets with: 46765 MKTG 3701; Castillo, Carlos Roberto, 3 cr
  - 46767: 002LEC, 01:00pm-01:50pm W, LSBE 135; (Non-LSBE Business Adm minors); Meets with: 46763 MKTG 3701; Castillo, Carlos Roberto, 3 cr

### Marketing Research

- 3711: Marketing Research (A-F; prereq MgtS 3701 or Mktg 3701; LSBE cand or college consent; Credit will not be granted if credit has been received for: MgtS 3711)
  - 46763: 001LEC, 01:00pm-01:50pm W, LSBE 225; 01:00pm-01:50pm MWF, LSBE 227; 02:00pm-02:50pm MWF, LSBE 225; 02:00pm-02:50pm MWF, LSBE 237; Castleberry, Stephen Byron, 3 cr

### International Marketing

- 3781: International Marketing (A-F; prereq MGTs 3701 or MKTG 3701; LSBE cand or college consent; Credit will not be granted if credit has been received for: MgtS 3781)
  - 46765: 001LEC, 09:00am-09:50am W, LSBE 223; Castillo, Carlos Roberto, 3 cr
  - 47969: 002LEC, 02:00pm-02:50pm W, LSBE 223; 02:00pm-02:50pm W, LSBE 225; 02:00pm-02:50pm W, LSBE 237; Castleberry, Stephen Byron, 3 cr

### Marketing Internship

- 3797: Marketing Internship (A-F only; prereq LSBE cand, consent of internship director; Credit will not be granted if credit has been received for: MgtS 3797)
  - 50431: 001 IEX; Kaas, Duane A, 3 cr

### Advertising and Marketing Communications

- 4721: Advertising and Marketing Communications (A-F; prereq MgtS 3701 or Mktg 3701; LSBE cand or college consent; Credit will not be granted if credit has been received for: MgtS 4721)
  - 49575: 001LEC, 08:00am-08:50am MWF, LSBE 223; 08:00am-08:50am MWF, LSBE 225; Madupu, Vivek, 3 cr
MACHINE LEARNING (ML)
College of Liberal Arts

5141 Computer Vision (A-F only; prereq MAPL 3710 or MATH 3611, or Grad student status or instr consent) Credit will not be granted if credit has been received for: MATH 3711.

5280 Artificial Intelligence I (A-F only; prereq MATH 3611, or Grad student status or instr consent) Credit will not be granted if credit has been received for: MATH 3711.

5181 Machine Learning (A-F only; prereq MAPL 3710 or MATH 3611, or Grad student status or instr consent) Credit will not be granted if credit has been received for: MATH 3711.

5272 001 LEC, 08:00am-11:15am T, Chem 150; Zhu, Ronghua, 5 cr

8211 Data Analysis and Statistics for Managers (A-F only; prereq Econ 2020 or equiv, MBA student or college consent) Credit will not be granted if credit has been received for: Econ 3021.

5271 001 LEC, 06:00pm-08:40pm T, KPlz 125; Zhao, Tuo, 5 cr

3811 The Impact of Art on Social Change (A-F only; prereq MAPL or Collegiate Grad student status or Grad School student status or instr consent) Credit will not be granted if credit has been received for: MAPL 3711.

5069 001 LEC, 08:00am-11:15am T, LSBE 125, 09/08-12/13/08; O’Connell, Thomas G, 3 cr

5202 Nonprofits and Government: The Public and Private Partnership (A-F only; prereq MAPL or Collegiate Grad student status or Grad School student status or instr consent) Credit will not be granted if credit has been received for: MAPL 3711.

5069 001 LEC, 08:00am-11:15am T, LSBE 125, 09/08-12/13/08; O’Connell, Thomas G, 3 cr

5307 Political and Advocacy Leadership (A-F only; prereq MAPL or Collegiate Grad student status or Grad School student status or instr consent) Credit will not be granted if credit has been received for: MAPL 3711.

5069 001 LEC, 08:00am-11:15am T, LSBE 125, 09/08-12/13/08; O’Connell, Thomas G, 3 cr

5078 Fall 2008 University of Minnesota - Class Schedule for Duluth Campus
194 Honors: Calculus I
(A-F only; prereq 1290 or 1296 or 1596)

2326 Introduction to Linear Algebra and Mathematical Reasoning
(A-F only; prereq 1290 or 1296 or 1596)

3091 Independent Study
(max crs 8; 8 repeats allowed; A-F only; prereq dept consent)

3299 Interdisciplinary Study
(max crs 8; 8 repeats allowed; A-F only; prereq dept consent)

3355 Discrete Mathematics
(A-F only; prereq 1297 or 1597 or instr consent)

3914 Undergraduate Colloquium
(S-N only; prereq Math major or minor, dept consent; must register during sem of 16th point)

4371 Introduction to Abstract Algebra
(A-F only; prereq 3355, 4326 or 3280, teaching math major, cannot be used for math major elective; no Grad School cr)

5006 001 LEC, 09:00am-10:50am M, MonH 107; Fei, Guihua, 3 cr

5201 Real Variables
(A-F only; prereq 3298)

5280 Partial Differential Equations
(A-F only; prereq 1297 or 1597 or instr consent)

5300 Numerical Analysis: Approximation and Quadrature
(preq 3280 or 4326, proficiency in FORTRAN or C or C++)

5301 Abstract Algebra I
(A-F only; prereq 3355 or 4326 or grad standing or instr consent)

5302 Abstract Algebra II
(A-F only; prereq 3355 or 4326 or grad standing or instr consent)

5303 Real Variables
(A-F only; prereq 3298)

5304 Numerical Analysis: Approximation and Quadrature
(preq 3280 or 4326, proficiency in FORTRAN or C or C++)

5305 Abstract Algebra I
(A-F only; prereq 3355 or 4326 or grad standing or instr consent)

5306 Numerical Analysis: Approximation and Quadrature
(preq 3280 or 4326, proficiency in FORTRAN or C or C++)

5307 Abstract Algebra I
(A-F only; prereq 3355 or 4326 or grad standing or instr consent)

5308 Numerical Analysis: Approximation and Quadrature
(preq 3280 or 4326, proficiency in FORTRAN or C or C++)

5309 Abstract Algebra I
(A-F only; prereq 3355 or 4326 or grad standing or instr consent)

5310 Abstract Algebra I
(A-F only; prereq 3355 or 4326 or grad standing or instr consent)
### Mechanical Engineering (ME)

**Swenson College of Science & Engineering**

<table>
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<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>3111</td>
<td>Fluid Mechanics</td>
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**Independent Study**

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<tr>
<td>5991</td>
<td>Independent Study</td>
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**Directed Research**

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<tbody>
<tr>
<td>8994</td>
<td>Directed Research</td>
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**MECHANICAL ENGINEERING**

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

**Fall 2008**

<table>
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<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>1104</td>
<td>System Dynamics and Control</td>
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**MEDICAL AND MOLECULAR PHYSIOLOGY (PhD)**

**Duluth School of Medicine**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>5211</td>
<td>Literature Seminar</td>
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**MEDICAL MICROBIOLOGY AND IMMUNOLOGY (MioB)**

**Duluth School of Medicine**

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<th>Course Code</th>
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<tbody>
<tr>
<td>5545</td>
<td>Immunobiology</td>
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**This information is accurate as of:** 2/22/2008

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*Sentence from the bottom of the page:*

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This information is accurate as of: 2/22/2008
University of Minnesota - Class Schedule for Duluth Campus Fall 2008

This information is accurate as of: 2/22/2008
This information is accurate as of: 2/22/2008
PHARMACOLOGY (Phd)
Duluth School of Medicine

4001 Introduction to Pharmacology
(A-F only; prereq: Biol 1011, Chem 1151, 1152, 2521, 2522 or instr consent)
48537 001 LEC, 01:00pm-02:00pm TTh, Room TBA; Trachte, George J, 2 cr

4094 Directed Research in Pharmacology
(max crs 10; A-F only; prereq: Upper div sci major, instr consent)
47307 001 DRS, Regal, Jean Francois; Eisenberg, Richard M; Fitzakerley, Janet Lyn; Trachte, George J, 1-10 cr

5204 Pharmacology Seminar
(max crs 4; A-F only; prereq: Grad student, instr consent)
47309 001 SEM, Regal, Jean Francois; Eisenberg, Richard M; Fitzakerley, Janet Lyn; Trachte, George J, 1 cr

8333 FTE: Master’s
(NGA; prereq: Master’s student, adviser and DGS consent)
48277 001 DRS, 1 cr

8444 FTE: Doctoral
(NGA; prereq: Doctoral student, adviser and DGS consent)
48099 001 DRS, 1 cr

8666 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 summer 2007 and beyond; doctoral student received prior to summer 2007 may register up to 4 times totaling 60 cr))
48025 001 TBE, 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))
48063 001 TBE, 1-18 cr

8888 Thesis Credits: Doctoral
(max crs 100; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 24 cr required)
48093 001 TBE, 1-24 cr

PHARMACY (Phar)
College of Pharmacy, Duluth

1001 Orientation to Pharmacy
50107 001 IND; Bumgardner, Melissa Ann; Pittenger, Amy Louise, 2 cr

1003 Non-Prescription Medications and Self-Care: Treating Minor Conditions
50109 001 IND; Bumgardner, Melissa Ann; Pittenger, Amy Louise, 2 cr

1004 Common Prescription Drugs and Diseases (A-F only)
50035 001 IND; Bumgardner, Melissa Ann; Pittenger, Amy Louise, 2 cr
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<th>Title</th>
<th>Description</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>7211</td>
<td>Institutional Practice Experience</td>
<td>(A-F; prereq Pharm. D. IV, MN Board of Pharm intern, criminal background check, BLS CPR cert for infants/child/adults, proof of negative Mantoux test [or explanation of positive test], proof of chickenpox immunity)</td>
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<tr>
<td>7212</td>
<td>Acute Patient Care Practice Experience I</td>
<td>(A-F; prereq Pharm. D. I-III, MN Board of Pharm intern, criminal background check, BLS CPR cert for infants/child/adults, proof of negative Mantoux test [or explanation of positive test], proof of chickenpox immunity)</td>
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<tr>
<td>7213</td>
<td>Ambulatory Patient Care Practice Experience</td>
<td>(A-F; prereq Pharm. D. IV, MN Board of Pharm intern, criminal background check, BLS CPR cert for infants/child/adults, proof of negative Mantoux test [or explanation of positive test], proof of chickenpox immunity)</td>
<td>4</td>
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<tr>
<td>7216</td>
<td>Elective Practice Experience I</td>
<td>(A-F; prereq Pharm. D. I-III, MN Board of Pharm intern, criminal background check, BLS CPR cert for infants/child/adults, proof of negative Mantoux test [or explanation of positive test], proof of chickenpox immunity)</td>
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<tr>
<td>7217</td>
<td>Elective Practice Experience V</td>
<td>(A-F only; prereq Pharm. D. I-III, Minn Board of Pharm intern, criminal background check, BLS CPR cert for infants/child/adults, proof of negative Mantoux test [or explanation of positive test], proof of chickenpox immunity)</td>
<td>4</td>
<td></td>
<td></td>
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<tr>
<td>7218</td>
<td>Research Practice Experience I</td>
<td>(A-F; prereq Pharm. D. I-III, MN Board of Pharm intern, criminal background check, BLS CPR cert for infants/child/adults, proof of negative Mantoux test [or explanation of positive test], proof of chickenpox immunity)</td>
<td>4</td>
<td></td>
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<tr>
<td>7219</td>
<td>Research Practice Experience II</td>
<td>(A-F; prereq Pharm. D. I-III, MN Board of Pharm intern, criminal background check, BLS CPR cert for infants/child/adults, proof of negative Mantoux test [or explanation of positive test], proof of chickenpox immunity)</td>
<td>4</td>
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**PHILOSOPHY (Phil) College of Liberal Arts**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Description</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1001</td>
<td>Introduction to Philosophy</td>
<td>(A-F only; prereq Credit will not be granted if credit has been received for: 1101; meets LE req of LE CAT7)</td>
<td>4</td>
<td></td>
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<tr>
<td>1002</td>
<td>Ethics and Society</td>
<td>(A-F only; prereq Credit will not be granted if credit has been received for: CLA 1101; meets LEIP req of LEIP CAT08)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1003</td>
<td>Philosophy and World Religions</td>
<td>(A-F only; meets LEIP req of LEIP CAT07)</td>
<td>4</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>1004</td>
<td>Logic</td>
<td>(A-F only; meets LE req of LE CAT9)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1005</td>
<td>Classical Mythology</td>
<td>(A-F only; meets LE req of LE CAT9)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1101</td>
<td>Honors: Introduction to Philosophy</td>
<td>(A-F; prereq Honors student; meets HON req of Honors; meets LE req of LE CAT7)</td>
<td>4</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>1102</td>
<td>Science and Pseudo-Science: Thinking about Weird Things</td>
<td>(A-F only; meets LE req of LE CAT8)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1103</td>
<td>Medical Ethics</td>
<td>(A-F only; meets LE req of LE CAT9)</td>
<td>4</td>
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</table>

**University of Minnesota - Class Schedule for Duluth Campus Fall 2008**

This information is accurate as of: 2/22/2008
**PHYSICAL EDUCATION (PE)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>5991</td>
<td>Introduction to Physics I (A-F only; prereq Pre-PE major or instr consent)</td>
</tr>
<tr>
<td>47885</td>
<td>Volleyball (meets LE req of PE)</td>
</tr>
<tr>
<td>1901</td>
<td>Varsity Football (max crs 4; 4 repeats allowed; S-N; prereq instr consent)</td>
</tr>
<tr>
<td>47941</td>
<td>1001 PHY, 1 cr</td>
</tr>
<tr>
<td>1903</td>
<td>Varsity Soccer (max crs 4; 4 repeats allowed; S-N; prereq instr consent)</td>
</tr>
<tr>
<td>47943</td>
<td>1001 PHY, Cane, Greg P, 1 cr</td>
</tr>
<tr>
<td>1905</td>
<td>Varsity Basketball (max crs 4; 4 repeats allowed; S-N; prereq instr consent)</td>
</tr>
<tr>
<td>47945</td>
<td>1001 PHY, Holquist, Gary W, 1 cr</td>
</tr>
<tr>
<td>1907</td>
<td>Varsity Ice Hockey (max crs 4; 4 repeats allowed; S-N; prereq instr consent)</td>
</tr>
<tr>
<td>47947</td>
<td>1001 PHY, Sandelin, Scott A, 1 cr</td>
</tr>
<tr>
<td>47952</td>
<td>1002 PHY, Miller, Shannon, 1 cr</td>
</tr>
<tr>
<td>1913</td>
<td>Varsity Cross Country (max crs 4; 4 repeats allowed; S-N; prereq instr consent)</td>
</tr>
<tr>
<td>47949</td>
<td>1001 PHY, Fulkrod, John E, 1 cr</td>
</tr>
<tr>
<td>2242</td>
<td>Lifeguarding Today (prereq Ability to swim 500 yards, instr consent)</td>
</tr>
<tr>
<td>47043</td>
<td>1001 PHY, 08:00am-09:15am TTh, SpHC 20, 08:00am-09:15am TTH, SpHC 9B, Balinich, Gregg Anthony, 1 cr</td>
</tr>
<tr>
<td>2244</td>
<td>Water Safety Instructor (A-F only; prereq 1240, 17 yrs old, knowledge and skill based on Emergency Water Safety Standard)</td>
</tr>
<tr>
<td>47211</td>
<td>1001 PHY, 09:30am-10:45am TTh, SpHC 20, Balinich, Gregg Anthony, 2 cr</td>
</tr>
</tbody>
</table>

**PHYSICAL EDUCATION PROFESSIONAL (PEP)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1001</td>
<td>Introduction to Physical Education (A-F only; prereq Pre-PE major or instr consent)</td>
</tr>
<tr>
<td>49055</td>
<td>1001 LEC, 01:00pm-01:50pm MW, SpHC 212, 2 cr</td>
</tr>
<tr>
<td>1010</td>
<td>Teaching Elementary Games and Athletics (A-F only; prereq PE or rec major or instr consent)</td>
</tr>
<tr>
<td>48907</td>
<td>1001 LEC, 12:00pm-01:50pm TTh, SpHC 9, 12:00pm-01:50pm TTh, SpHC 150A, Carlson, Jane A, K 1 cr</td>
</tr>
<tr>
<td>1600</td>
<td>Teaching Fitness and Weight Training (A-F only; prereq Pre PE major or rec major or instr consent)</td>
</tr>
<tr>
<td>47219</td>
<td>1001 LEC, 08:00am-08:50am MW, SpHC 9, 08:00am-08:50am MW, SpHC 9, 08:00am-08:50am MW, FH 25; Knapp, Jim L, 2 cr</td>
</tr>
<tr>
<td>1710</td>
<td>Teaching Volleyball and Basketball (A-F only; prereq Pre PE major or rec major or instr consent)</td>
</tr>
<tr>
<td>47221</td>
<td>1001 LEC, 10:00am-10:50am MW, SpHC 150, 10:00am-10:50am MW, SpHC 8, 1 cr</td>
</tr>
<tr>
<td>3010</td>
<td>Adapted Physical Education (A-F only; prereq PE major or candidate or instr consent)</td>
</tr>
<tr>
<td>45821</td>
<td>1001 LEC, 09:30am-10:45am TTh, SpHC 9A, 09:30am-10:45am TTh, SpHC 150A; Knapp, Jim L, 3 cr</td>
</tr>
<tr>
<td>3035</td>
<td>Physiology and Mechanics of Physical Activity (A-F only; prereq Hlth 2040, pre pe major or instr consent)</td>
</tr>
<tr>
<td>48909</td>
<td>1001 LEC, 09:00am-09:50am MW, SpHC 207; Harkins, Kenneth J, 3 cr</td>
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**PHYSICS (Phys)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>1001</td>
<td>Introduction to Physics I (A-F only; prereq Algebra, trig; meets LE req of LE CAT4)</td>
</tr>
<tr>
<td>45761</td>
<td>002 LEC, 08:00am-08:50am MW, MWAH 195; Johnson, Darrin Eric, 5 cr</td>
</tr>
<tr>
<td>45763</td>
<td>003 LEC, 11:00am-12:50pm T, MWAH 275; , 5 cr</td>
</tr>
<tr>
<td>45765</td>
<td>004 LEC, 02:00pm-03:50pm T, MWAH 275; , 5 cr</td>
</tr>
<tr>
<td>45767</td>
<td>005 LEC, 02:00pm-03:50pm W, MWAH 275; , 5 cr</td>
</tr>
<tr>
<td>45769</td>
<td>006 LEC, 08:00am-09:50am Th, MWAH 275; , 5 cr</td>
</tr>
<tr>
<td>45771</td>
<td>007 LEC, 10:00am-11:50am Th, MWAH 275; , 5 cr</td>
</tr>
<tr>
<td>48751</td>
<td>008 LEC, 12:00pm-01:50pm Th, MWAH 275; , 5 cr</td>
</tr>
<tr>
<td>48753</td>
<td>009 LEC, 02:00pm-03:50pm Th, MWAH 275; , 5 cr</td>
</tr>
<tr>
<td>1002</td>
<td>Introduction to Physics II (A-F only; prereq 1001)</td>
</tr>
<tr>
<td>45814</td>
<td>001 LEC, 08:00am-09:50am MTWF, MWAH 195; Johnson, Darrin Eric, 5 cr</td>
</tr>
<tr>
<td>48915</td>
<td>002 LEC, 08:00am-09:50am MTWF, MWAH 249; , 5 cr</td>
</tr>
<tr>
<td>48917</td>
<td>003 LEC, 12:00pm-01:50pm T, MWAH 249; , 5 cr</td>
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<tr>
<td>48919</td>
<td>004 LEC, 08:00am-09:50am Th, MWAH 249; , 5 cr</td>
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<tr>
<td>48921</td>
<td>005 LEC, 10:00am-11:50am Th, MWAH 249; , 5 cr</td>
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<tr>
<td>48923</td>
<td>006 LEC, 02:00pm-03:50pm Th, MWAH 249; , 5 cr</td>
</tr>
<tr>
<td>1011</td>
<td>Ideas in Physics (A-F only; prereq Will not satisfy major or minor requirements in phys; meets LE req of LE CAT5)</td>
</tr>
<tr>
<td>45727</td>
<td>001 LEC, 01:00pm-01:50pm MW, MWAH 195; Johnson, Darrin Eric, 3 cr</td>
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</table>
### University of Minnesota - Class Schedule for Duluth Campus

**Fall 2008**

#### General Physics I (A-F only; prereq Math 1290 or Math 1296 or Math 1297; Credit will not be granted if credit has been received for: 1201; meets LE req of LE CAT6)
- 48197 001 LEC, 09:00am-10:50am M, MWAH 277; 4 cr
- 48198 001 LEC, 10:00am-11:50am T, MWAH 277; 4 cr
- 48199 004 LAB, 02:00pm-03:50pm W, MWAH 277; 4 cr

#### General Physics II (A-F only; prereq 2012, 1 sem programming, lab or field experience beyond 2012; Credit will not be granted if credit has been received for: 1011; meets LE req of LE CAT6)
- 48199 008 LAB, 02:00pm-03:50pm T, MWAH 277; 4 cr

#### Instrumentation (A-F only; prereq 2012 or dep consent)
- 45998 001 IND, 1-3 cr

#### Experimental Physics (A-F only; prereq 2012 or dep consent)
- 45999 001 IND, 1-3 cr

#### Quantum Mechanics I (A-F only; prereq 4021)
- 45996 007 LAB, 01:00pm-02:50pm Th, MWAH 277; 4 cr

#### Quantum Mechanics II (A-F only; prereq 4021)
- 45996 007 LAB, 01:00pm-02:50pm Th, MWAH 277; 4 cr

#### Mathematical Methods for Physics (A-F only; meets LE req of LE CAT6)
- 48196 001 LEC, 02:00pm-03:50pm MWF, MWAH 277; 4 cr

#### Advanced Calculus (A-F only; prereq 1011, 45 cr or instr consent)
- 48195 001 LEC, 12:00pm-12:50pm MWF, Cina 102; 4 cr

#### Partial Differential Equations (A-F only; prereq 4021 or 4031)
- 48196 001 LEC, 10:00am-11:50am MWF, MWAH 279; 4 cr

### POLITICAL SCIENCE (Pol)

#### College of Liberal Arts

<table>
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<tr>
<th>Course</th>
<th>Credits</th>
<th>Instructor(s)</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>American Government and Politics (A-F only; meets LE req of LE CAT6)</td>
<td>3 cr</td>
<td>Pedersen, Paula Jean</td>
<td>09:00am-10:50am MWF, Cina 308;</td>
<td>3 cr</td>
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<tr>
<td>Introduction to Comparative Politics (A-F only; meets LE req of LE CAT6)</td>
<td>3 cr</td>
<td>Caprioli, Mary</td>
<td>09:00am-10:50am MWF, Cina 308;</td>
<td>3 cr</td>
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<tr>
<td>International Relations (A-F only; meets LEIP req of LEIP CAT06)</td>
<td>3 cr</td>
<td>Das, Runa</td>
<td>09:00am-10:50am MWF, Cina 308;</td>
<td>3 cr</td>
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<tr>
<td>Introduction to Political Theory (A-F only; meets LE req of LE CAT7)</td>
<td>3 cr</td>
<td>Henderson, William</td>
<td>09:00am-10:50am MWF, Cina 308;</td>
<td>3 cr</td>
</tr>
<tr>
<td>Environment and Politics (A-F only; prereq 1011, 45 cr or instr consent)</td>
<td>3 cr</td>
<td>Cina, Kathryn J</td>
<td>09:00am-10:50am MWF, Cina 308;</td>
<td>3 cr</td>
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### PSYCHOLOGY (Psy)

#### College of Education & Human Service Professions

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<th>Instructor(s)</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>1003 General Psychology (A-F; meets LE req of LE CAT6)</td>
<td>3 cr</td>
<td>Apostal, Kathryn J</td>
<td>09:00am-10:50am MWF, Cina 308;</td>
<td>3 cr</td>
</tr>
<tr>
<td>1006 General Psychology (A-F; meets LE req of LE CAT6)</td>
<td>3 cr</td>
<td>Apostal, Kathryn J</td>
<td>09:00am-10:50am MWF, Cina 308;</td>
<td>3 cr</td>
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This information is accurate as of: 2/22/2008
University of Minnesota - Class Schedule for Duluth Campus

**Fall 2008**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title and Details</th>
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</table>
| 350 INI | (Online INI - Class runs 15 wks.

Students must register by 09/04/07 and complete all requirements by 12/14/07. No exceptions. Students must access initial course information at www.d.umn.edu/goto/ini. Click on “Getting Started After Registration” to begin. Open CE reserved seats will be available 8/26/08.); 2 seats reserved for Continuing Education - EXPERIES 26-AUG-2008; Pedersen, Paula Jean, 3 cr

**2003 Psychology: Discipline and Profession**

<table>
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<tr>
<th>S-N, prereq</th>
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</thead>
<tbody>
<tr>
<td>Pre-Psychology major</td>
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</table>

**52744**

301 LEC; Online-Individualized Instruction - Students must be registered and begin the course at the start of the semester, which is September 2 and complete all requirements by December 12. 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.; Miller, Kristelle, 3 cr

**301L**

40 seats reserved for Continuing Education - EXPERIES 26-AUG-2008; Pedersen, Paula Jean, 3 cr

**2002 Experimental Design and Methodology**

<table>
<thead>
<tr>
<th>A-F only; prereq 2020</th>
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</thead>
</table>
| 301 LEC; Online-Individualized Instruction - Students must be registered and begin the course at the start of the semester, which is September 2 and complete all requirements by December 12. 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.; Grossman, Eugene Ernest, 4 cr

**50665**

500 LEC; Online-Individualized Instruction - Students must be registered and begin the course at the start of the semester, which is September 2 and complete all requirements by December 12. 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.; Miller, Kristelle, 3 cr

**131 Abnormal Psychology**

<table>
<thead>
<tr>
<th>A-F only; prereq 3 cr Psy</th>
</tr>
</thead>
</table>

**47119**

100 LEC, 09:00am-10:50am MW, BohH 112; LaCaille, Lara, 4 cr

**50687**

350 INI; (Online INI - Class runs 15 wks.

Students must register by 09/04/07 and complete all requirements by 12/12/08. 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.; Miller, Kristelle, 4 cr

**321 Social Psychology**

<table>
<thead>
<tr>
<th>A-F only; prereq 3 cr Psy</th>
</tr>
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**47217**

100 LEC, 05:00pm-06:15pm TTh, SpHC 208; Gordon, Randall A, 3 cr

**52625**

500 LEC; Online-Individualized Instruction - Students must be registered and begin the course at the start of the semester, which is September 2 and complete all requirements by December 12. 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.; Miller, Kristelle, 4 cr

**311 Group Dynamics**

<table>
<thead>
<tr>
<th>A-F only; prereq 3 cr Psy</th>
</tr>
</thead>
</table>

**50545**

100 LEC, 03:30pm-04:45pm MW, BohH 206; , 3 cr

**48591**

001 LEC, 11:00am-1:15pm TTh, SpHC 208; Pedersen, Paula Jean, 3 cr

**3215 Topics in Human Sexuality**

<table>
<thead>
<tr>
<th>Credit will not be granted if credit has been received for: PSY 3216; A-F only; prereq 3 cr Psy</th>
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**47923**

100 LEC, 05:00pm-06:15pm TTh, H490; Pedersen, Paula Jean, 3 cr

**3211 Child and Adolescent Psychology**

<table>
<thead>
<tr>
<th>A-F only; prereq 3 cr Psy</th>
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</table>

**49691**

100 LEC, 08:00am-09:15am TTh, BohH 104; Maas, Fay, 3 cr

**50689**

500 LEC; Online-Individualized Instruction - Students must be registered and begin the course at the start of the semester, which is September 2 and complete all requirements by December 12. 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.; Miller, Kristelle, 3 cr

**338 Adult Development and Aging**

<table>
<thead>
<tr>
<th>A-F only; prereq 2021 or inscr intent</th>
</tr>
</thead>
</table>

**52627**

301 LEC, 01:00pm-01:50pm MWF, Engr 290; Maddy, Jane Ellen, 3 cr
3445 Transpersonal Psychology  
(A-F only; prereq 1003 or instr consent)  
46993 001 DIS, 10:00am-10:50am MWF, LSBE 265;  
3 cr

3520 Introduction to Industrial/Organizational Psychology  
(A-F only; prereq 3 cr psy or instr consent, credit will not be granted if credit earned for 3701 and/or 3702)  
51913 350 NI (Online NI: Class runs 15 wks. Students must register by 08/02/08 and complete all requirements by 12/15/08. No exceptions. Students must access initial course information at www.d.umn.edu/goto/ini. Click on “Getting Started After Registration” to begin. Open CE reserved seats will be available 8/26/08.; 2 seats reserved for Continuing Education - EXPERIES 26-AUG-2008; Luong, Alexander, 4 cr

3540 Psychology of Food Abuse  
(A-F only; prereq 3 cr Psy)  
52833 001 LEC, 08:00am-09:15am TTH, Mohr 203; Doane PhD, H Mitzi, 3 cr

361 Psychology of Personal Development  
(A-F only)  
49523 001 LEC, 01:00pm-01:50pm MWF, BohH 108; McClure, Bud A, 3 cr

3611 Learning and Behavior  
(A-F only; prereq 3 cr Psy)  
46825 001 LEC, 11:00am-11:50am MTWTH, BohH 108; McClure, Bud A, 3 cr

3616 Cognitive Psychology  
(A-F only; prereq 3 cr Psy)  
51999 001 LEC, 12:00pm-01:50pm TTH, Mohr 130; Maas, Fay, 4 cr

3616 Psychological Language  
(A-F only; prereq 3 cr Psy)  
48231 001 LEC, 04:00pm-05:15pm TTH, Engr 280; Durgunoglu, Aydin Yucesan, 3 cr

3701 Personnel Psychology  
(A-F only; prereq 3 cr Psy or instr consent)  
48357 001 LEC, 12:00pm-12:50pm MWF, BohH 104; Luong, Alexander, 3 cr

3701 Organizational Psychology  
(A-F only; prereq 3 cr Psy or instr consent)  
50585 001 LEC, 09:00am-09:50am MWF, MAWH 175; Luong, Alexander, 3 cr

3990 Special Topics: (Various Titles to be Assigned)  
(max crs 3; 3 repeats allowed; A-F only; prereq 3 cr Psy)  
56488 001 LEC, Taylor, John Powell, 1-3 cr

3999 Projects in Psychology  
(max crs 4.4 repeats allowed; S-N only; prereq Psy major or minor, instructor consent)  
50027 001 IND; Woolum, Sandra J, 1-4 cr

3999 Direct Research in Psychology  
(max crs 4.4 repeats allowed; S-N only; prereq Psy major or minor, instructor consent)  
50027 001 DRS; Woolum, Sandra J, 1-4 cr

3999 Research in Psychology  
(max crs 4.4 repeats allowed; A-F only; prereq Psy major or minor, instructor consent)  
50027 001 IND; Woolum, Sandra J, 1-4 cr

3999 Honors Research in Psychology  
(max crs 3; 3 repeats allowed; A-F only; prereq Psy major, instructor consent, 3.00 GPA overall, 3.25 GPA in Psy; meets HON req of Honors)  
50277 001 LEC; Woolum, Sandra J, 1-4 cr

51500 500 LEC; Online-Individualized Instruction - Students must be registered and begin the course at the start of the semester, which is September 2 and complete all requirements by December 2. 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.; Grossman, Eugene Ernest, 4 cr

51999 001 LEC, 12:00pm-01:50pm TTH, Mohr 130; Maas, Fay, 4 cr

52833 001 LEC, 08:00am-09:15am TTH, Mohr 203; Doane PhD, H Mitzi, 3 cr
6802 Leadership, Teamwork, and Behavior in EHS
(A-F only; prereq MEHS student or dept consent; can apply credit to MEHS program only)

49463 001 LEC, 06:00pm-08:40pm Th, VKH201;
Tario, Nancy Ann, 3 cr

SOCIAL WORK (SW) College of Education & Human Service Professions

9032 Child Welfare and the Law
(A-F; prereq Jr or Sr or grad student or instr consent)

49599 001 LEC, 12:00pm-01:50pm Th, BohH112, 2 cr

SOCIOLOGY (Soc) College of Liberal Arts

1101 Beginning Russian I
(A-F only; meets LE req of LE CAT3)

45907 001 LEC, 06:00pm-07:50pm M-Th, H 464;
(Open CE reserved seats will be available to UMD students on 08/26/08); 6 seats reserved for Continuing Education - EXPIRES 26-AUG-2008; Morgan, Thomas W, 4 cr

S 6002 Regulatory Standards and Hazard Control
(F only; prereq MEHS student or BSE candidate and dept consent and or instr consent)

50295 001 LEC, 09:30am-10:45am TTh, Engr290;
Burski, Harvey, E, 3 cr

6011 System Safety and Loss Control Techniques
(F only; prereq MEHS student or B.S.E. candidate and and; or B.S.M.E. and; or instr consent)

47197 001 LEC, 11:00am-12:15pm TTh, VKH201;
Loushine, Todd William, 3 cr

6101 Principles of Industrial Hygiene
(F only; prereq MEHS student or department consent; can apply credit to MEHS program only)

51387 003 LAB, 04:00pm-05:50pm M, VKH127;
Roseth, Wade Edward, 3 cr

6111 Industrial Noise and Ventilation Control
(F only; prereq MEHS student or B.S.E. candidate and and; or B.S.M.E. candidate and; or instr consent)

50791 001 LEC, 08:00am-09:15am TTh, Engr290;
Abou, Seraphin Chally, 3 cr

6291 Independent Study in Industrial Safety
(max crs 3; S-N only; prereq MEHS student or dept consent; can apply credit to MEHS program only)

47213 001 IND; Feyen, Robert G, 1-3 cr

6301 Occupational Biomechanics and Work Physiology
(F only; prereq MEHS student or B.S.E. candidate and and; or B.S.M.E. candidate and and; or instr consent)

47203 001 LEC, 03:00pm-04:30pm TTh, Engr280;
Feyen, Robert G, 2 cr

6401 Environmental Safety and Legal Implications
(F only; prereq MEHS student or dept consent; can apply credit to MEHS program only)

50283 001 LEC, 01:00pm-02:50pm W, Engr 118;
Stauber, James D, 2 cr

This information is accurate as of: 2/22/2008

4991 Independent Study
(max crs 4; 8 repeats allowed; A-F only; prereq instr consent; no Grad School credit)

47273 001 IND; Beery, Thomas Harold, 4-8 cr

4992 Readings in Recreation
(max crs 4; 8 repeats allowed; A-F only; prereq instr consent; no Grad School credit)

47275 001 DRD; Beery, Thomas Harold, 1-4 cr

4997 Recreation Practicum
(S-N; prereq 1000; rec minor; no Grad School credit)

47271 001 PRC; Beery, Thomas Harold, 3 cr

RUSSIAN (Russ) College of Liberal Arts

1101 Beginning Russian I
(A-F only; meets LE req of LE CAT3)

45907 001 LEC, 06:00pm-07:50pm M-Th, H 464;
(Open CE reserved seats will be available to UMD students on 08/26/08); 6 seats reserved for Continuing Education - EXPIRES 26-AUG-2008; Morgan, Thomas W, 4 cr

SafSwenson College of Science & Engineering

6002 Regulatory Standards and Hazard Control
(A-F only; prereq MEHS student or BSE candidate and dept consent and or instr consent)

50295 001 LEC, 09:30am-10:45am TTh, Engr290;
Burski, Harvey, E, 3 cr

6011 System Safety and Loss Control Techniques
(A-F only; prereq MEHS student or B.S.I.E. candidate and and; or B.S.M.E. and; or instr consent)

47197 001 LEC, 11:00am-12:15pm TTh, VKH201;
Loushine, Todd William, 3 cr

6101 Principles of Industrial Hygiene
(A-F only; prereq MEHS student or department consent; can apply credit to MEHS program only)

51387 003 LAB, 04:00pm-05:50pm M, VKH127;
Roseth, Wade Edward, 3 cr

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(A-F only; prereq MEHS student or B.S.E. candidate and and; or B.S.M.E. candidate and; or instr consent)

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(S-N; prereq 1000; rec minor; no Grad School credit)

47271 001 PRC; Beery, Thomas Harold, 3 cr

RUSSIAN (Russ) College of Liberal Arts

1101 Beginning Russian I
(A-F only; meets LE req of LE CAT3)

45907 001 LEC, 06:00pm-07:50pm M-Th, H 464;
(Open CE reserved seats will be available to UMD students on 08/26/08); 6 seats reserved for Continuing Education - EXPIRES 26-AUG-2008; Morgan, Thomas W, 4 cr

SafSwenson College of Science & Engineering

6002 Regulatory Standards and Hazard Control
(A-F only; prereq MEHS student or BSE candidate and dept consent and dept consent)
This information is accurate as of: 2/22/2008


1699 Running Crew Practicum (max crs 6; 3 repeats allowed; A-F only; prereq instr consent) 49577 001 LAB; Harvey, Mark A; Phillips, Curtis J, 2 cr

1801 Elements of Theatre (A-F only; prereq tth major) 46183 001 LEC; 03:00pm-03:50pm MWF, LSBE 225; Berry, Jon Michael, 3 cr

2112 Acting II: American Realism (A-F only; prereq instr consent) 46191 001 STU, 10:00am-11:15am MWF, MPAC 49; Isbell, Tom K, 3 cr

2118 Speech for the Actor (A-F only; prereq instr consent) 46485 001 STU, 11:30am-12:45pm MWF, MPAC 49; Ufema, Kate, 3 cr

3099 Theatre Practicum II (max crs 12; 6 repeats allowed; A-F only) 49565 001 LAB; Kazt Harwood; Rebeca Isbell; Tom K; Bergeron, Ann Aiko; Payne, William Eugene; Ufema, Kate, 2 cr

3112 Improvisation for the Theatre (A-F only; prereq instr consent) 50737 001 STU, 03:00pm-04:15pm MWF, MPAC 21; Isbell, Tom K, 3 cr

3151 Stage Combat/Circus (A-F only; prereq 0901 or instr consent) 50579 001 STU, 10:00am-11:30am TTh, MPAC 155; Isbell, Tom K, 3 cr

3201 Stage Direction (A-F only: prereq 1112, 60 cr, Th major or minor or minor in instr consent) 46491 001 STU, 01:15pm-02:30pm MWF, MPAC 49; Payne, William Eugene, 3 cr

3371 Scene Painting (A-F only; prereq 1301) 50537 001 LEC, 12:00pm-01:30pm TTh, ABAB 245; Phillips, Curtis J, 3 cr

3699 Production Management (max crs 12; 6 repeats allowed; A-F only; prereq instr consent) 49567 001 LAB; Harvey, Mark A; Phillips, Curtis J; Denny, Patricia, 2 cr

3801 Drama Titles (A-F only; prereq 1801 or instr consent) 48095 001 LEC, 10:00am-10:50am Th, LSBE 265; Berry, Jon Michael, 1 cr

3991 Independent Study in Theatre (max crs 6; 6 repeats allowed; A-F only; prereq instr consent; undergrad max 6 cr in 3991 and 5991 combined; no Grad School credit) 46701 001 IND; Dennis, Patricia, 1-3 cr

3999 Internship in Professional Theatre (max crs 12; 12 repeats allowed; S-Nonly; prereq dept consent: 1 cr or each 45 hrs work; no Grad School credit) 46753 001 IND; Dennis, Patricia, 1-3 cr

5099 Directed Research in Toxicology (max crs 16; 16 repeats allowed; S-Nonly; prereq instr consent) 50007 001 LAB; Wallace, Kendall B., 1-4 cr

8013 Advanced Toxicology II (A-F only; prereq 8012, Chem 4342, Phys 5601 or instructor consent) 49595 001 LEC; Olson, Joan H; Wallace, Kendall B., 3 cr

8100 Investigative Toxicology (max crs 2; A-F only; prereq 8013 or instructor consent) 49597 001 SEM; Wallace, Kendall B., 1 cr

8333 FTE: Master’s (NGA; prereq Master’s student, adviser and DGS consent) 47995 001 DRS; Wallace, Kendall B., 1 cr

8444 FTE: Doctoral (NGA; prereq Doctoral student, adviser and DGS consent) 48015 001 DRS; Olson; Joan H; Wallace, Kendall B., 1 cr

8666 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 summer 2007 and beyond; doctoral students admitted prior to summer 2007 may register up to 4 times totaling 60 cr)) 48029 001 THE; Wallace, Kendall B., 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)) 48069 001 THE; Wallace, Kendall B., 1-18 cr

8888 Thesis Credits: Doctoral (max crs 100; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 24 cr required) 48089 001 THE; Wallace, Kendall B., 1-24 cr

URBAN AND REGIONAL STUDIES (URS)

College of Liberal Arts 3097 Internship in Urban and Regional Studies (max crs 8; 8 repeats allowed; S-N; prereq URS major; j r or sr, instr consent) 48743 001 THE, 1-6 cr

3991 Independent Study in Urban and Regional Studies (max crs 6; prereq instr consent) 48953 001 IND, 1-4 cr

WATER RESOURCES SCIENCE (WRS)

Swenson College of Science & Engineering 3833 FTE: Master’s (NGA; prereq Master’s student, adviser and DGS consent) 47997 001 DRS, 1 cr

8444 FTE: Doctoral (NGA; prereq Doctoral student, adviser and DGS consent) 48017 001 DRS, 1 cr

8666 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 summer 2007 and beyond; doctoral students admitted prior to summer 2007 may register up to 4 times totaling 60 cr)) 48031 001 THE, 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)) 48071 001 THE, 1-18 cr

8888 Thesis Credits: Doctoral (max crs 100; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 24 cr required) 48091 001 THE, 1-24 cr

WOMEN’S STUDIES (WS)

College of Liberal Arts 1000 Introduction to Women’s Studies (A-F only; meets LECOReq of LECO CAT07) 48517 001 LEC; 02:00pm-03:15pm TTh, Chem 150; 18 seats reserved for Learning Community F08 - EXPIRES 14-AUG-2008; Plechner, Deborah Marie, 3 cr

48519 002 LEC; 06:00pm-08:50pm W, H 480; Kamau, Margaret Njoki, 3 cr

48805 090 LEC; 06:00pm-08:50pm T, H 480; (Open CE reserved seats will be available to UMD students on 08/26/08); 8 seats reserved for Continuing Education - EXPIRES 26-AUG-2008; Woodward, Susana Pelayo, 3 cr

51801 091 LEC; 05:00pm-07:50pm M, H 480; (Open CE reserved seats will be available to UMD students on 08/26/08); 2 seats reserved for Continuing Education - EXPIRES 26-AUG-2008; Plechner, Deborah Marie, 3 cr

2101 Women, Race, and Class (A-F only; meets LECOReq of LECO CAT08) 48263 001 LEC; 09:30am-10:45am TTh, H 480; Kamau, Margaret Njoki, 3 cr

3001 Third World Women (A-F only; prereq 1000 or 2101 or instr consent) 49605 001 LEC; 02:00pm-03:15pm TTh, H 480; Kamau, Margaret Njoki, 3 cr

3100 Feminist Theory (A-F only; prereq 1000, 45 cr or instr consent) 48837 001 LEC; 11:00am-12:50pm TTh, H 468; Bartlett, Elizabeth Ann, 4 cr

3200 Women’s Autobiographies (A-F only) 50331 001 LEC; 03:00pm-05:40pm W, H 468; Ritzmeister, Tineke, 3 cr

3301 Women and Religion (A-F; prereq 1000) 50505 001 LEC; 03:30pm-04:45pm TTh, H 480; Kamau, Margaret Njoki, 3 cr

3400 Women and Film (A-F only) 51493 090 LEC; 06:00pm-08:50pm T, Bohl 104; (Open CE reserved seats will be available to UMD students on 08/26/08); 2 seats reserved for Continuing Education - EXPIRES 26-AUG-2008; Bartlett, Elizabeth Ann, 4 cr

3891 Independent Study (max crs 6; A-F only; prereq 1000, 15 cr WS or WS-related courses, instr consent) 47415 001 IND; (contact department for permission number); Bartlett, Elizabeth Ann, 1-3 cr

3896 International Fieldwork in Women’s Studies (max crs 6; A-F only; prereq 1000, instr consent) 50333 001 FWK; (contact department for permission number); Bartlett, Elizabeth Ann, 1-3 cr
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<th>Course</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tr>
<td>ENGL 1015</td>
<td>001 LEC</td>
<td>MF</td>
<td>08:00am-09:15am</td>
<td>BohH 104</td>
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<td>002 LEC</td>
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<td>H 480</td>
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<td>W</td>
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<td>H 468</td>
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<td>006 LEC</td>
<td>MF</td>
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This information is accurate as of: 2/22/2008
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<td>10897</td>
<td>305 IDEC, 03:00pm-03:50pm MWF, H 490</td>
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<td>10899</td>
<td>350 INI; Individualized Instruction; instructor consent required. Student must access initial course information at <a href="http://www.d.umn.edu/goto/ini">www.d.umn.edu/goto/ini</a>. Click on “Getting Started After Registration” to begin. Open CE reserved seats will be available to UMD students on 08/28/08.; 2 seats reserved for Continuing Education - EXPIRES 26-AUG-2008</td>
<td>3 cr</td>
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<td>3220</td>
<td>Visual Rhetoric and Culture (A-F only; prerequisite 1120; Credit will not be granted if credit has been received for: Comp 3220)</td>
<td>3 cr</td>
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<td>55128</td>
<td>001 LEC, 12:00pm-12:50pm MWF, LSBE 237</td>
<td>3 cr</td>
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<td>5197</td>
<td>Internship in Writing (max credits 3; 3 repeats allowed; S-N; prerequisite instructor consent)</td>
<td>1-3 cr</td>
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<td>5230</td>
<td>Web Design and Digital Culture (A-F only; prerequisite Min 60 cr or Grad student or instructor consent; credit will not be granted if credit has been received for: Comp 5230)</td>
<td>3 cr</td>
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<td>10901</td>
<td>001 IEX;</td>
<td>1-3 cr</td>
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<td>5591</td>
<td>Independent Study (max credits 6; 6 repeats allowed; A-F only; prerequisite Max 3 cr may be applied to Grad School prog; instructor consent)</td>
<td>1-3 cr</td>
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<td>8902</td>
<td>Teaching College Composition (A-F; prerequisite Required for tchg assts in Writ and Engl Depts; instructor consent)</td>
<td>3 cr</td>
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<td>8910</td>
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<td>8994</td>
<td>Directed Research in Composition (max credits 3; 3 repeats allowed; A-F only; prerequisite 8902; instructor consent)</td>
<td>1-3 cr</td>
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