HOW TO USE THIS SCHEDULE

Call Number—This five-digit number appears to the left of each course or each section of a course.

Prerequisites—In order to enroll 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; graduate students may enroll in such courses. 4xxx courses can be counted for a Graduate School degree if the course is taught by a member of the graduate faculty and has been approved for graduate credit.
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.

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLN</td>
<td>Clinic</td>
</tr>
<tr>
<td>COL</td>
<td>Colloquium</td>
</tr>
<tr>
<td>CST</td>
<td>Case Study</td>
</tr>
<tr>
<td>DIS</td>
<td>Discussion</td>
</tr>
<tr>
<td>DRS</td>
<td>Directed Research</td>
</tr>
<tr>
<td>DST</td>
<td>Directed Study</td>
</tr>
<tr>
<td>FWK</td>
<td>Field Work</td>
</tr>
<tr>
<td>INI</td>
<td>Individualized Instruction</td>
</tr>
<tr>
<td>IND</td>
<td>Independent Study</td>
</tr>
<tr>
<td>IEX</td>
<td>Intern/Externship</td>
</tr>
<tr>
<td>LAB</td>
<td>Laboratory</td>
</tr>
<tr>
<td>LEC</td>
<td>Lecture</td>
</tr>
<tr>
<td>LET</td>
<td>Lecture only (without LAB or DIS sections)</td>
</tr>
<tr>
<td>PHY</td>
<td>Physical Education</td>
</tr>
<tr>
<td>PRC</td>
<td>Practicum</td>
</tr>
<tr>
<td>REH</td>
<td>Rehearsal</td>
</tr>
<tr>
<td>ROT</td>
<td>Rotation</td>
</tr>
<tr>
<td>SEM</td>
<td>Seminar</td>
</tr>
<tr>
<td>STU</td>
<td>Studio</td>
</tr>
<tr>
<td>THE</td>
<td>Thesis Credit</td>
</tr>
<tr>
<td>WKS</td>
<td>Workshop</td>
</tr>
</tbody>
</table>

This information is accurate as of: 10/27/2005
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—The online class schedule on UMD’s Course Information page (http://www.d.umn.edu/courseinfo) always contain the most current and accurate information.
### ACCOUNTING (Acct)

**School of Business & Economics**

#### Spring 2006

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>46000</td>
<td>Business Taxation (A-F only; prereq 15 cr or college consent)</td>
<td>3 cr</td>
<td>Skalberg, Randall Kirk</td>
<td>MWF 11:00am-11:50am</td>
<td>SBE 32</td>
</tr>
<tr>
<td>47060</td>
<td>3110 Accounting Information Systems (A-F only; prereq LECD req of LECD CAT03)</td>
<td>4 cr</td>
<td>Grover, Linda LeGarde</td>
<td>MWF 10:00am-11:50am</td>
<td>SBE 20</td>
</tr>
<tr>
<td>47170</td>
<td>3102 Intermediate Accounting II</td>
<td>3 cr</td>
<td>Li, June F</td>
<td>MWF 10:00am-10:50am</td>
<td>SBE 32</td>
</tr>
</tbody>
</table>

#### Business Information Systems

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>46000</td>
<td>3151 Principles of Financial Accounting</td>
<td>3 cr</td>
<td>Erickson, Loren Lee</td>
<td>MWF 10:00am-10:50am</td>
<td>SBE 32</td>
</tr>
</tbody>
</table>

#### Accounting Information Systems

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>47060</td>
<td>3001 Accounting Information Systems (A-F only; prereq LECD req of LECD CAT03)</td>
<td>3 cr</td>
<td>Erickson, Loren Lee</td>
<td>MWF 10:00am-10:50am</td>
<td>SBE 32</td>
</tr>
</tbody>
</table>

### AEROSPACE STUDIES (Air)

**College of Science & Engineering**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>47170</td>
<td>1102 Foundations of the U.S. Air Force</td>
<td>3 cr</td>
<td>Li, June F</td>
<td>MWF 10:00am-10:50am</td>
<td>SBE 32</td>
</tr>
</tbody>
</table>

#### Aerospace Science & Engineering

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>47170</td>
<td>1102 Foundations of the U.S. Air Force</td>
<td>3 cr</td>
<td>Li, June F</td>
<td>MWF 10:00am-10:50am</td>
<td>SBE 32</td>
</tr>
</tbody>
</table>

### ANATOMY AND CELL BIOLOGY (Anat)

**Danish School of Medicine**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5523</td>
<td>Microscopic Anatomy (A-F only; prereq instr consent)</td>
<td>3 cr</td>
<td>Aubid, David Niib</td>
<td>MWF 10:00am-10:50am</td>
<td>SBE 32</td>
</tr>
</tbody>
</table>

#### Anthropology (Anth)

**College of Liberal Arts**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>57060</td>
<td>1601 Freshman Seminar: Prehistoric Cultures (A-F only; prereq Freshman, fewer than 30 cr, Credit will not be granted if credit has been received for 1602)</td>
<td>3 cr</td>
<td>Aubid, David Niib</td>
<td>MWF 10:00am-10:50am</td>
<td>SBE 32</td>
</tr>
</tbody>
</table>

This information is accurate as of: 10/27/2005
4005 Fine Arts

ART (Art)
School of Fine Arts

901 Graphic Design Portfolio Review
(S-N only; prereq: repeatable one time; 9 cr in art courses, pre-graphic design major or department consent)
47196 001 DIS; Kmetz, Janice D, 0 cr

903 Art Education Review
(S-N only; prereq: repeatable one time; 9 cr in art courses, pre-art ed major or dept consent)
47698 001 DIS; Colman, Marian, 0 cr

1001 Art Today
(F-A only; meets LE req of LEIP CAT09)
47893 001 LEC; 08:00am-08:50am MWF, Bohlo, 90; (Open CE reserved seats will be available to UMD students on January 10, 2006.); 2 seats reserved for Continuing Education - EXPIRES 10-JAN-2006; Wittig, Rob, 3 cr

1002 Introduction to Art
(F-A only; prereq for art majors except those in art history; credit will not be granted if credit received for 1005.; meets LE req of LE CAT10)
46107 001 LEC; 03:00pm-04:40pm TTh, ABAB 125; Peterson, Neal, 9 cr

1003 Heritage: Perspectives in Art
(F-A only; meets LE req of LE CAT07)
47556 001 LEC, 05:00pm-06:15pm TTh, MonH 208; (Open CE reserved seats will be available to UMD students on January 10, 2006.); 2 seats reserved for Continuing Education - EXPIRES 10-JAN-2006; Jones, Jennifer Elaine, 3 cr

1004 Fundamentals of Drawing
(F-A only; meets LE req of LE CAT07)
47340 001 LEC, 10:00am-11:50am TTh, ABAB 135; Dietrich, Jennifer Lee, 3 cr

1005 Freshman Seminar: Introduction to Art
(F-A only; prereq: Freshman, fewer than 30 cr; Credit will not be granted if credit received for 1002.; meets LE req of LE CAT10)
47339 001 SEM, 10:00am-11:50am TTh, ABAB 135; Dietrich, Jennifer Lee, 3 cr

1006 Freshman Seminar: Fundamentals of Drawing
(F-A only; prereq: Freshman, fewer than 30 cr; Credit will not be granted if credit received for 1009.; meets LE req of LE CAT10)
47340 001 SEM, 12:00pm-01:50pm TTh, ABAB 325; Dietrich, Jennifer Lee, 3 cr

1009 Fundamentals of Drawing
(F-A only; prereq: Art or art ed major or art minor or architecture and design minor or instructor consent)
48048 001 LEC; 09:00am-10:50am TTh, ABAB 325; (Open CE reserved seats will be available to UMD students on January 10, 2006.); 2 seats reserved for Continuing Education - EXPIRES 10-JAN-2006; Meets with: 47197 ART 1010; Reipsini, Robert A, 3 cr

1100 Painting I
(F-A only; meets LE req of LE CAT10)
46109 001 LEC; 09:00am-10:50am TTh, ABAB 135; (Open CE reserved seats will be available to UMD students on January 10, 2006.); 2 seats reserved for Continuing Education - EXPIRES 10-JAN-2006; Meets with: 46798 ART 3125; Colman, Marian, 3 cr

1200 Sculpture I
(F-A only; meets LE req of LE CAT10)
47200 001 LEC; 12:00pm-01:50pm TTh, H 318; (Open CE reserved seats will be available to UMD students on January 10, 2006.); 2 seats reserved for Continuing Education - EXPIRES 10-JAN-2006; Meets with: 46798 ART 3125; Colman, Marian, 3 cr

1301 Printmaking I
(F-A only; meets LE req of LE CAT10)
46775 001 LEC; 09:00am-10:50am TTh, ABAB 325; (Open CE reserved seats will be available to UMD students on January 10, 2006.); 2 seats reserved for Continuing Education - EXPIRES 10-JAN-2006; Meets with: 46798 ART 3125; Colman, Marian, 3 cr
4700 Drawing III  
(4 credits; A-F only; prereq 3700, art or art ed major or art minor or insr consent)  
46602 001 LEC, 12:00pm-02:50pm MW, ABAH 325;  
Meets with: 47095 ART 3700; Repinski, Robert A, 3 cr  
67239 002 LEC, 12:00pm-01:50pm MW, ABAH 325;  
Meets with: 67238 ART 3700; nakajima, R, 3 cr  
4791 Individual Study in Drawing  
(max credits: 9; repeats allowed; A-F only; prereq 2 sem work in drawing, insr consent)  
45958 001 IND; Repinski, Robert A, 1 -3 cr  
47655 002 IND; Dietrich, Jennifer Lee, 1 -3 cr  
48407 003 IND; Dietrich, Jennifer Lee, 1 -3 cr  
4812 Senior Seminar  
(A-F only; prereq Sr or instr consent; no Grad School credit)  
46621 001 SEM; Ishino, Catherine Jo, 3 cr  
46123 001 STU; Aune, Alison Judith, 3 cr  
47947 003 SEM; Ishino, Catherine Jo, 3 cr  
46653 001 SEM; Ishino, Catherine Jo, 4 cr  
46802 001 SEM; Repinski, Robert A, 1 cr  
4990 Graduate Seminar  
(max credits: 16; 4 repeats allowed; A-F only; prereq Concurrent registration is required (or allowed) for 8980)  
46655 001 SEM; Ishino, Catherine Jo, 4 cr  
4890 Studio, 1 cr  
4990 M.F.A. Creative Thesis  
(max credits: 6; A-F only; prereq Graduate student and instr consent)  
46563 001 STU; Ishino, Catherine Jo, 3-6 cr  
48140 002 STU; Lehman, Victoria Dahlstrom, 3-6 cr  
48379 003 STU; Kmetz, Janice D, 3-6 cr  
68496 004 STU; Ishino, Catherine Jo, 3-6 cr  
47286 001 DRS; Kmetz, Janice D, 1-4 cr  
4901 History of Graphic Design  
(A-F only; prereq Art or art ed major or pre-graphic design major or art or communication arts or arts in media minor or grad student or instr consent)  
46057 001 LEC, 02:00pm-03:15pm TH, Library  
47286 001 DRS; Kmetz, Janice D, 1-4 cr  
4990 Senior Paper Art History  
(A-F only; prereq Major in Art hist with 90 cr, instructor consent; no Grad School credit)  
47903 001 DRS; Hedlin, Thomas F, 1 cr  
47549 002 DRS; Rosklik, Robyn, 1 cr  
5191 Directed Study in Ancient and Medieval Art  
(max credits: 9; repeats allowed; A-F only; prereq instr consent ; max 6 cr for undergrads)  
47986 001 DRS; Hedlin, Thomas F, 1-3 cr  
5391 Directed Study in Renaissance and Baroque Art  
(max credits: 9; repeats allowed; A-F only; prereq instr consent ; max 6 cr for undergrads)  
47548 001 DRS; Hedlin, Thomas F, 1-3 cr  
5432 Clinical Psychopharmacology  
47095 001 LEC; Davis, Gary L, 3 cr  
5491 Problems in Medical Behavioral Sciences  
(max credits: 6; A-F only; prereq M.D. or Graduate Student, instructor consent; max 6 cr to Graduate School program)  
46003 001 IND; Davis, Gary L, 1-6 cr  
5591 Studies in Medical Behavioral Sciences  
(P-N only; prereq Regis med student, instr consent)  
46058 001 DIS, 2 cr  
6260 Psycho-Social-Spiritual Aspects of Life-Threatening Illness  
(O-N only; prereq Regis med student)  
46859 001 LEC; Davis, Gary L, 2 cr  
6652 Human Behavioral Development and Problems  
(O-N only; prereq Regis med student)  
46860 001 LEC; Hovland, Jane, 4 cr  
5202 Cellular and Molecular Biology  
(MbDc)  
47691 001 LEC; Drewes, Lester R, 2 cr  
5501 Neurobiochemistry  
(O-N only; prereq Chem 3322 or 4342 or instructor consent)  
46545 001 LEC; 04:00pm-06:00T TH, 153;  
Drewes, Lester R, 2 cr  

ASTRONOMY (Ast)  
College of Science & Engineering  
1040 Introductory Astronomy  
(A-F only; meets LE req of LE CAT5)  
47933 001 LEC, 02:00pm-02:50pm MWF, LSci 185;  
Hartley, Susan R, 3 cr  
47646 002 LEC, 06:00pm-08:30pm M, LSci 175;  
Hartley, Susan R, 3 cr  
46697 200 INI; (Individualized Instruction-Initial  
course information will be sent to you via your UMD e-mail account. To activate your account go to https://www.umn.edu/initiate/  
and follow the directions.) (Open CE reserved seats will be available to UMD students on January 10, 2006.); 2 seats reserved for Continuing Education - EXPIRES 10-JAN-2006; Holst, Timothy Bailey, 3 cr  

BEHAVIORAL SCIENCES (BhSc)  
Duluth School of Medicine  
5432 Clinical Psychopharmacology  
47095 001 LEC; Davis, Gary L, 3 cr  
5491 Problems in Medical Behavioral Sciences  
(max credits: 6; A-F only; prereq M.D. or Graduate Student, instructor consent; max 6 cr to Graduate School program)  
46003 001 IND; Davis, Gary L, 1-6 cr  
5591 Studies in Medical Behavioral Sciences  
(P-N only; prereq Regis med student, instr consent)  
46058 001 DIS, 2 cr  
6260 Psycho-Social-Spiritual Aspects of Life-Threatening Illness  
(O-N only; prereq Regis med student)  
46859 001 LEC; Davis, Gary L, 2 cr  
6652 Human Behavioral Development and Problems  
(O-N only; prereq Regis med student)  
46860 001 LEC; Hovland, Jane, 4 cr  

BIOCHEMISTRY AND MOLECULAR BIOLOGY (MbDc)  
Duluth School of Medicine  
5202 Cellular and Molecular Biology  
(MbDc)  
47691 001 LEC; Drewes, Lester R, 2 cr  
5501 Neurobiochemistry  
(O-N only; prereq Chem 3322 or 4342 or instructor consent)  
46545 001 LEC; 04:00pm-06:00T TH, 153;  
Drewes, Lester R, 2 cr  

This information is accurate as of: 10/27/2005
### University of Minnesota - Class Schedule for Duluth Campus  
**Spring 2006**

#### 8151 Biochemistry Seminar  
(8166) 002 LAB, 08:30am-10:45am T, SSB 109, 5 cr  
003 LAB, 12:35pm-02:50pm T, SSB 109, 5 cr  
004 LAB, 03:00pm-05:15pm T, SSB 109, 5 cr  
005 LAB, 06:00pm-08:15pm T, SSB 109, 5 cr

#### 8294 Current Research Techniques  
(8176) 012 LAB, 01:00pm-03:15pm Th, SSB 109, 5 cr  
013 LAB, 03:30pm-05:45pm Th, SSB 109, 5 cr  
014 LAB, 06:00pm-08:15pm Th, SSB 109, 5 cr

#### 8777 Thesis Credits: Doctoral  
(8777) 015 LAB, 08:30am-10:45am F, SSB 113, 5 cr  
016 LAB, 5 cr

#### 8888 Thesis Credits: Doctoral  
(8888) 001 SEM, 09:30am-10:45am TTh, H 480; Itami, Joanne K, 3 cr

### BIOLOGY (Biol)  
**College of Science & Engineering**

#### 1001 Biology and Society  
(A-F only; prereq For nonmajors; meets LE req of LE CAT4)  
001 LEC, 02:00pm-03:15pm Th, Chem 200
  002 LAB, 09:00am-10:50am T, Chem 316, 4 cr
  003 LAB, 11:00am-12:50pm T, Chem 316, 4 cr
  004 LAB, 03:30pm-05:20pm T, Chem 316, 4 cr
  005 LAB, 08:00am-09:50am W, Chem 316, 4 cr
  006 LAB, 01:00pm-02:50pm W, Chem 316, 4 cr
  007 LAB, 03:00pm-04:50pm W, Chem 316, 4 cr
  008 LAB, 09:00am-10:50am Th, Chem 316, 4 cr
  009 LAB, 03:00pm-05:20pm Th, Chem 316, 4 cr

#### 1011 General Biology I  
(A-F only; prereq 1 yr high school Chem or 1 sem college Chem; meets LE req of LE CAT4)  
001 LEC, 09:00am-09:50am MTWTh, Chem 200; Belk, Colleen M; Mensinger, Allen
  002 LAB, 10:00am-12:15pm T, SSB 113, 5 cr
  003 LAB, 12:30pm-02:45pm T, SSB 113, 5 cr
  004 LAB, 03:00pm-05:15pm T, SSB 113, 5 cr
  005 LAB, 08:00am-08:15pm T, SSB 113, 5 cr
  006 LAB, 10:00am-12:15pm W, SSB 113, 5 cr
  007 LAB, 12:30pm-02:45pm W, SSB 113, 5 cr
  008 LAB, 03:00pm-05:15pm W, SSB 113, 5 cr
  009 LAB, 08:00am-08:15pm W, SSB 113, 5 cr
  010 LAB, 10:00am-12:15pm Th, SSB 113, 5 cr
  011 LAB, 12:30pm-02:45pm Th, SSB 113, 5 cr
  012 LAB, 03:00pm-05:15pm Th, SSB 113, 5 cr
  013 LAB, 06:00pm-08:15pm Th, SSB 113, 5 cr
  014 LAB, 08:00am-10:15am F, SSB 113, 5 cr
  015 LAB, 10:30am-12:45pm F, SSB 113, 5 cr
  016 LAB, 5 cr
  017 LAB, 5 cr

#### 1012 General Biology II  
(A-F only; prereq 1011)  
001 LEC, 11:00am-11:50am MTWTh, Chem 200; Shannon, Lyle John; Ettersen, Julie Rae

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This information is accurate as of: 10/27/2005
This information is accurate as of: 10/27/2007
1112 Public Speaking  
(A-F only; meets LE req of LE CAT3)  
46058 001 LEC, 08:00am-08:50am MWF, ABAH 435;  
(Open CE reserved seats will be available to UMD students on January 10, 2006.); 1 seat reserved for Continuing Education -  
EXPIRES 10-JAN-2006; Titus, Barbara Jean, 3 cr  
2505 Analysis of Public Discourse  
(A-F only; prereq 1112)  
67960 001 LEC, 12:30pm-01:45pm TTh, ABAH 425;  
Gore, David Charles, 3 cr  
46058 090 LEC, 06:00pm-08:30pm Th, ABAH 425;  
(Open CE reserved seats will be available to UMD students on January 10, 2006.); 1 seat reserved for Continuing Education -  
EXPIRES 10-JAN-2006; Titus, Barbara Jean, 3 cr  
2939 Intercultural Communication (meets LEIP req of LEIP CAT06)  
47163 090 LEC, 06:00pm-09:40pm Th, ABAH 445;  
(Open CE reserved seats will be available to UMD students on January 10, 2006.); 3 seats reserved for Continuing Education -  
EXPIRES 10-JAN-2006; Sunnarfrank, Michael J, 4 cr  
3115 Persuasion and Argumentation in Public Speaking  
(A-F only; prereq 1112, 2505)  
47298 001 LEC, 11:00am-12:40pm MW, ABAH 435;  
(Open CE reserved seats will be available to UMD students on January 10, 2006.); 1 seat reserved for Continuing Education -  
EXPIRES 10-JAN-2006; Nelson, Elizabeth Jean, 4 cr  
3116 Professional Communication  
(A-F only; prereq 1112, 2505)  
46072 001 LEC, 04:00pm-05:40pm MW, ABAH 445;  
(Open CE reserved seats will be available to UMD students on January 10, 2006.); 3 seats reserved for Continuing Education -  
EXPIRES 10-JAN-2006; Nelson, Elizabeth Jean, 4 cr  
3205 Relationship Communication  
(A-F only; prereq 1222)  
48073 001 LEC, 02:00pm-05:00pm MW, ABAH 445;  
(Open CE reserved seats will be available to UMD students on January 10, 2006.); 1 seat reserved for Continuing Education -  
EXPIRES 10-JAN-2006; Nelson, Elizabeth Jean, 4 cr  
3210 Group Communication  
(A-F only; prereq 360 cr or instructor consent)  
48219 001 LEC, 01:00pm-02:15pm MW, ABAH 445;  
(Open CE reserved seats will be available to UMD students on January 10, 2006.); 1 seat reserved for Continuing Education -  
EXPIRES 10-JAN-2006; Vucetich, Trista, 4 cr  
3215 Conflict Management  
(A-F only; prereq 30 cr or instructor consent)  
48221 001 LEC, 12:00pm-12:50pm MW, ABAH 445;  
(Open CE reserved seats will be available to UMD students on January 10, 2006.); 1 seat reserved for Continuing Education -  
EXPIRES 10-JAN-2006; Vucetich, Trista, 4 cr  
3300 Teaching Assistantship in Communication  
(max crs 6; 6 repeats allowed; S-N only; prereq 60 cr or instructor consent)  
46075 001 LEC, 06:00pm-08:30pm Th, ABAH 445;  
(Open CE reserved seats will be available to UMD students on January 10, 2006.); 1 seat reserved for Continuing Education -  
EXPIRES 10-JAN-2006; Nelson, Elizabeth Jean, 1-3 cr  
3325 Special Topics: (Various Titles to be Assigned)  
(max crs 6; A-F only)  
65767 001 LEC, 11:00am-12:15pm TTh, ABAH 445;  
Boto, Isabel C, 3 cr; T: Communication Skills for HR Professionals  
3355 Special Topics: (Various Titles to be Assigned)  
(max crs 6; A-F only)  
65769 002 LEC, 03:00pm-05:00pm MW, ABAH 445;  
(Open CE reserved seats will be available to UMD students on January 10, 2006.); 3 seats reserved for Continuing Education -  
EXPIRES 10-JAN-2006; Gore, David Charles, 3 cr  
3500 Principles of Persuasion  
(A-F only; prereq Soc Sci course or instructor consent)  
47343 001 LEC, 12:00pm-12:50pm MW, ABAH 445;  
Gore, Ryan Christopher, 3 cr  
3505 Media Communications  
(A-F only; prereq Comp 1120)  
47064 090 LEC, 06:00pm-08:30pm W, ABAH 435;  
(Open CE reserved seats will be available to UMD students on January 10, 2006.); 6 seats reserved for Continuing Education -  
EXPIRES 10-JAN-2006; Petersen-Perlman, Deborah Susan, 3 cr  
3525 Deciding What's News  
(A-F only)  
65771 001 LEC, 02:00pm-03:15pm Th, ABAH 425;  
(Open CE reserved seats will be available to UMD students on January 10, 2006.); 6 seats reserved for Continuing Education -  
EXPIRES 10-JAN-2006; Marciniak Butche, Monica Kathryn, 3 cr  
4020 Communication in Organizations  
(A-F only; prereq 60 or instr consent)  
47224 001 LEC, 09:00am-10:40am WF, ABAH 445;  
Petersen-Perlman, Deborah Susan, 3 cr  
4394 Directed Research in Communication  
(max crs 6; 6 repeats allowed; A-F only; prereq 60 cr or instructor consent)  
66557 001 LEC, 03:00pm-05:30pm MW, ABAH 445;  
Fediuk, Thomas A, 3 cr  
4397 Internship in Communication  
(max crs 8; 8 repeats allowed; S-N only; prereq max 3 cr and may be applied to comm major/minor; 79 cr max 3 cr may be applied to comm major; no Grad School credit)  
47122 001 DST; Nelson, Elizabeth Jean, 1-3 cr  
4500 History of Rhetoric  
(A-F only; prereq 1112 or instructor consent; no Grad School credit)  
47344 001 LEC, 11:00am-11:50am MW, ABAH 445;  
Petersen-Perlman, Deborah Susan, 3 cr  
5200 Communication and Organizational Creativity  
(A-F only; prereq 420 or grad student or instr consent)  
65778 001 LEC, 01:00pm-03:30pm Th, ABAH 435;  
Boto, Isabel C, 3 cr  

COMMUNICATION SCIENCES AND DISORDERS (CSD)  
College of Education & Human Service Professions  
1100 Phonetics  
(meets LE req of LE CAT3)  
46594 001 LEC, 11:00am-11:50am MW, ABAH 245;  
Carlson, Lynette Rene, 2 cr  
2002 American Sign Language Studies II  
(prereq 2001 or instr consent; meets LEC req of LEC CAT03)  
46420 001 LEC, 09:00am-09:50am MW, MonH 203, 3 cr  
46595 090 LEC, 06:00pm-08:30pm Th, MonH 203;  
(Open CE reserved seats will be available to UMD students on January 10, 2006.); 6 seats reserved for Continuing Education -  
EXPIRES 10-JAN-2006; MonH 203;  
(Open CE reserved seats will be available to UMD students on January 10, 2006.); 6 seats reserved for Continuing Education -  
EXPIRES 10-JAN-2006; Marciniak Butche, Monica Kathryn, 3 cr  

This information is accurate as of: 10/27/2005
### University of Minnesota - Class Schedule for Duluth Campus

#### Spring 2006

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Instructor(s)</th>
<th>Credits</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>3320</td>
<td>Visual Rhetoric and Culture</td>
<td></td>
<td>3</td>
<td>02:00pm-03:15pm TTh</td>
<td>SSB 216, 3 cr</td>
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<tr>
<td>5197</td>
<td>Internship in Writing</td>
<td></td>
<td>3</td>
<td>02:00pm-03:15pm TTh</td>
<td>SSB 216, 3 cr</td>
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<tr>
<td>5220</td>
<td>Document Design and Graphics</td>
<td></td>
<td>3</td>
<td>02:00pm-03:15pm TTh</td>
<td>SSB 216, 3 cr</td>
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<tr>
<td>5591</td>
<td>Independent Study</td>
<td></td>
<td>3</td>
<td>02:00pm-03:15pm TTh</td>
<td>SSB 216, 3 cr</td>
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<tr>
<td>1011</td>
<td>Introduction to Computers and Software</td>
<td></td>
<td>3</td>
<td>02:00pm-03:15pm TTh</td>
<td>SSB 216, 3 cr</td>
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<tr>
<td>1121</td>
<td>Introduction to Programming in Visual BASIC</td>
<td></td>
<td>3</td>
<td>02:00pm-03:15pm TTh</td>
<td>SSB 216, 3 cr</td>
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<tr>
<td>1135</td>
<td>Introduction to Programming in FORTRAN</td>
<td></td>
<td>3</td>
<td>02:00pm-03:15pm TTh</td>
<td>SSB 216, 3 cr</td>
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#### Advanced Writing: Engineering

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<tr>
<td>3130</td>
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<td>001 LEC</td>
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<tr>
<td></td>
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<td>004 LEC</td>
<td>3</td>
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#### Advanced Writing: Science

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#### Web Design and Digital Culture

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<td>02:00pm-03:15pm TTh</td>
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<td>010 LEC</td>
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#### Independent Study

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<td>02:00pm-03:15pm TTh</td>
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#### Computer Science (CS)

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<td>5995</td>
<td>Special Topics; (Various Titles to be Assigned)</td>
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<td>02:00pm-03:15pm TTh</td>
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<td>9994</td>
<td>Directed Research in Composition</td>
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<td>3</td>
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<td>Library 409, 3 cr</td>
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<td>02:00pm-03:15pm TTh</td>
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#### Introduction to Programming in Visual BASIC

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Instructor(s)</th>
<th>Credits</th>
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<tbody>
<tr>
<td>1121</td>
<td>Introduction to Programming in Visual BASIC</td>
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<td>3</td>
<td>02:00pm-03:15pm TTh</td>
<td>Library 409, 3 cr</td>
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<td>Library 409, 3 cr</td>
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#### Introduction to Programming in FORTRAN

<table>
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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>1135</td>
<td>Introduction to Programming in FORTRAN</td>
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<td>02:00pm-03:15pm TTh</td>
<td>Library 409, 3 cr</td>
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<td>Library 409, 3 cr</td>
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</table>

#### Introduction to Programming in Java

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<th>Time</th>
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<tr>
<td>2121</td>
<td>Introduction to Programming in Java</td>
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<td>3</td>
<td>02:00pm-03:15pm TTh</td>
<td>Library 409, 3 cr</td>
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<td></td>
<td>02:00pm-03:15pm TTh</td>
<td>Library 409, 3 cr</td>
</tr>
</tbody>
</table>

This information is accurate as of: 10/27/2005
This information is accurate as of: 10/27/2005
### 3204 General Instructional Methods
- Lectures: Monday, Wednesday, Friday, 09:00am-10:50am, M, VH 221; Thursday, 09:40am-10:50am, M, VH 221. Credit: 3 credits.

### 3206 Apprenticeship: Secondary School (A-F only; prereq Admission to EdSe program, concurrent registration is required (or allowed) for 3204)
- Lectures: Monday, Wednesday, Friday, 09:00am-10:50am, M, VH 221; Thursday, 09:40am-10:50am, M, VH 221. Credit: 3 credits.

### 4212 Literature for Adolescents (A-F only; prereq Credit will not be granted if credit received for 5215; major, or pre teaching comm arts/lit students)
- Lectures: Monday, Wednesday, Friday, 09:00am-10:50am, M, MonH 108; Thursday, 09:40am-10:50am, M, MonH 108; Friday, 09:00am-10:50am, M, MonH 108. Credit: 3 credits.

### 4214 Reading in the Middle and Secondary School, Grades 5-12 (A-F only; prereq: concurrent registration is required for 3204)
- Lectures: Monday, Wednesday, Friday, 09:00am-10:50am, M, MonH 108; Thursday, 09:40am-10:50am, M, MonH 108. Credit: 3 credits.

### 4222 Teaching Mathematics: Grades 5-12 (A-F only; prereq Admission to EdSe program, 3204 or instructor's consent; no Grad School credit)
- Lectures: Monday, Wednesday, Friday, 09:00am-10:50am, M, MonH 108; Thursday, 09:40am-10:50am, M, MonH 108; Friday, 09:00am-10:50am, M, MonH 108. Credit: 3 credits.

### 5410 Educational Psychology (A-F only; prereq Admission to EdSe program; no Grad School credit)
- Lectures: Monday, Wednesday, Friday, 09:00am-10:50am, M, MonH 108; Thursday, 09:40am-10:50am, M, MonH 108; Friday, 09:00am-10:50am, M, MonH 108. Credit: 3 credits.

### 6200 Student Teaching (max crs 12; S-N only; prereq 4100, 4501, appropriate methods course; no Grad School credit)
- Lectures: Monday, Wednesday, Friday, 09:00am-10:50am, M, MonH 108; Thursday, 09:40am-10:50am, M, MonH 108; Friday, 09:00am-10:50am, M, MonH 108. Credit: 3 credits.

- Laboratory: Monday, Wednesday, Friday, 09:00am-10:50am, M, MonH 108; Thursday, 09:40am-10:50am, M, MonH 108; Friday, 09:00am-10:50am, M, MonH 108. Credit: 3 credits.

- Practicum: 4 hours per wk. Credit: 3 credits.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Instructor</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
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<tr>
<td>3204</td>
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<td>MonH 221</td>
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<tr>
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<td>Mon</td>
<td>9:00</td>
<td>MonH 221</td>
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</tbody>
</table>

**Notes:**
- A-F only; prereq Admission to EdSe program.
- Concurrent registration is required (or allowed) for 3204.
- This information is accurate as of: 10/27/2005.
University of Minnesota - Class Schedule for Duluth Campus

Spring 2006

4311 Design of Very Large-Scale Integrated Circuits (A-F only; prereq: 3253, 3341 or instr consent) 66241 001 LEC, 09:05am-10:20am MWF, MWAH 295; Tang, Hua, 3 cr

4501 Power Systems (A-F only; prereq: 2026; no Grad School credit) 001 LEC, 05:00pm-06:15pm TTh, MWAH 191; Norr, Scott R, 3 cr

4999 Senior Design Project I (A-F only; prereq: Credit will not be granted if credit has been received for 4951, 3491, BSEE cand; instructor consent; no Grad School credit) 48682 002 LAB; Norr, Scott R, 4 cr

46497 010 THE; Yue, Q, 3 cr

4877 Thesis Credits: Master's (max crs 50; 10 repeats allowed; NGA; prereq: 4872; no Grad School cr) 48323 001 LEC; 01:00pm-02:15pm TTh, MonH 203; Ruark, Elizabeth Ann, 3 cr

4993 Special Area Project (max crs 4; A-F only; instr consent; no Grad School cr) 46993 001 DST, 1-4 cr

4345 Instructional Strategies, Assessment, and Management (A-F only; prereq: admission to elementary education program; successful completion of block one. Concurrent registration is required (or allowed) in 3381, Concurrent registration is required (or allowed) in 4434, 4436, SpEd 3510, no Grad School cr) 46969 001 LEC, 08:00am-09:15am MWF, MonH 151; (Practicum arr); Mweti, Chang aa, Williams, Julie Marie, 3 cr

4346 Teaching Social Studies and Environmental Education (A-F only; prereq: admission to elementary education program; successful completion of block one, 63381, 44344, 84344, 84350; no Grad School cr) 46948 001 LEC, 03:00pm-04:50pm Th, MonH 121; (Practicum arr); Babik, Gary E, 4 cr

4400 Professional Development Seminar for Elementary Education Majors (A-F only; prereq: Admission to elementary education program. Concurrent registration is required (or allowed) in 3313, Concurrent registration is required (or allowed) in 33131, Concurrent registration is required (or allowed) in 3355, SpEd 3310, no Grad School cr) 47304 001 LEC, 03:00pm-04:50pm W, MonH 203; (weeks 2, 4, 6, 8, 10, 15); Ruark, Elizabeth Ann, 1 cr

4600 Student Teaching (max crs 12; S-N only; prereq: Admission to elementary education program, successful completion of block one and block two courses, no Grad School cr) 46991 001 PRC, 12 cr

47117 002 PRC, 12 cr

47895 003 PRC, 12 cr

47890 004 PRC, 12 cr

47891 005 PRC, 12 cr

47897 006 PRC, 12 cr

47892 007 PRC, 12 cr

47893 008 PRC, 6 cr

47894 009 PRC, 6 cr

47676 400 PRC, 6-12 cr

4650 Teaching Student in Individual Subjects: K-8 (max crs 7; 7 repeats allowed; S-N only; prereq: Art ed card or music ed card, or phy ed card or instr consent; no Grad School credit) 46990 001 PRC, 6 cr

47874 002 PRC, 6 cr

47875 003 PRC, 6 cr

47878 004 PRC, 6 cr

48772 005 PRC, 6 cr

48776 006 PRC, 6 cr

47878 007 PRC, 12 cr

47893 008 PRC, 6 cr

47894 009 PRC, 6 cr

47676 400 PRC, 6-12 cr

4991 Independent Study (max crs 6; 6 repeats allowed; A-F only; prereq: dept consent; no Grad School cr) 46992 001 IND, 1-6 cr

4993 Special Area Project (max crs 4; A-F only; prereq instr consent; no Grad School cr) 46993 001 DST, 1-4 cr

4993 Special Area Project (max crs 4; A-F only; prereq instr consent; no Grad School cr) 46994 001 DST, 1-4 cr

This information is accurate as of: 10/27/2005
ENGLISH (Engl)
College of Liberal Arts

1001 Great American Authors
(A-F only; prereq; meets LEq of LE CAT9)
16114 001 LEC; 02:00pm-03:15pm TTh, Chem 150;
Schwetman, John David, 3 cr

1101 Literature Appreciation
(A-F only; prereq; Current Credit will not be granted if
credit received for 1907; primarily for nonmajors
but also for potential majors and creative writers;
meets LEq of LE CAT9)
16347 001 LEC; 01:00pm-01:50pm MWF, MonH
Hillyer, Richard L, 3 cr

1575 20th-Century Literature
(A-F only; prereq: Primarily for nonmajors;
meets LEq of LE CAT9)
16349 001 LEC; 12:00pm-01:50pm TTh, H 403; (Open CE
reserved seats will be available to UMD students on
January 10, 2006.); 1 seat reserved for Continuing
Education - EXPIRES 10-JAN-2006; Basham, Kate, 4 cr

1582 Introduction to World Literatures
(A-F only; meets LEIP req of LEIP CAT09)
16201 002 LEC; 01:00pm-01:50pm MWF, ABAN
235, 3 cr
16202 001 LEC; 11:00am-12:50pm MWF, ABAN
225; (Open CE reserved seats will be available to
UMD students on January 10, 2006.); 1 seat reserved for Continuing
Education - EXPIRES 10-JAN-2006; Hillyer, Richard L, 4 cr

1907 Introduction to Literature
(A-F only; prereq: Primarily for nonmajors;
meets LEq of LE CAT9)
16470 001 LEC; 02:00pm-03:15pm TTh, SCC 120;
Hoffmann, Brandon, 3 cr

3233 Shakespeare
(A-F only; meets LEq of LE CAT9)
16120 001 LEC; 09:00am-10:00am MWF, ABAN
Hillyer, Richard L, 4 cr

3502 British Literature II
(A-F only; prereq: Engl major and minor)
16184 001 LEC; 10:00am-11:50am TTh, ABAN
Bock, Martin F, 4 cr

3564 American Literature II
(A-F only)
16125 001 LEC; 08:00am-08:50am MWF, ABAN
Sigler, Carolyn, 4 cr

4097 Internship in Publishing
(max crs 8; S-N only; prereq minimum 60
credits, instr consent; Credit cannot be applied to
Grad School program)
16517 001 IEX; Bock, Martin F, 4 cr

4909 Senior Portfolio
(S-N only; prereq: Engl major, sr)
16121 001 SEM, 1 cr

4931 Practicum in Teaching Literature
(A-F only; prereq: 3906, sr, 4 other upper division
literature courses and instructor consent; Grad
School credit)
16476 001 LEC; 12:00pm-01:50pm TTh, BohH 108;
Sigler, Carolyn, 4 cr

5097 Internship in Publishing
(max crs 3; S-N only; prereq 8906, instr consent)
16124 001 IEX; Bock, Martin F, 3 cr

5116 Advanced Writing of Fiction
(max crs 3; A-F only; prereq Instructor consent)
16509 001 SEM; 03:00pm-04:50pm TTh, MonH 208;
Maio, Joseph C, 4 cr

5122 Advanced Writing of Poetry
(max crs 3; A-F only; prereq 3121 or instructor consent)
16296 001 LEC; 10:00am-11:50am WF, H 480; Basham, Kate, 4 cr
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<th>Credits</th>
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<tr>
<td>4393</td>
<td>Political Geography (A-F only; meets LEIP req of LEIP CAT08)</td>
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<td>4394</td>
<td>World Regional Geography (A-F only; meets LEIP req of LEIP CAT08)</td>
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<td>4580</td>
<td>Introduction to Remote Sensing and Image Interpretation (A-F only; prereq 2552, 4563, 4564; course in computer programming, introductory statistics recommended)</td>
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<td>4581</td>
<td>Freshman Seminar: People and Volcanoes (A-F only; prereq Freshman, fewer than 30 credits. Credit will not be granted if credit has been received for: 1052; meets LEQ req of LEQ CAT5)</td>
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<td>5230</td>
<td>Basic Mineralogy and Petrology (A-F only; prerequisite Credit will not be granted if credit has been received for: 2210.)</td>
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<td>5991</td>
<td>Independent Study in Geography (max crs 6; 6 repeats allowed; A-F only; prereq Max 4 cr can be applied to Graduate School program)</td>
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<td>1110</td>
<td>Geology and Earth Systems (A-F only; meets LEQ req of LEQ CAT4)</td>
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<td>1120</td>
<td>Life and Death of the Dinosaurs (A-F only; meets LEQ req of LEQ CAT5)</td>
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<td>1130</td>
<td>Introduction to Environmental Science (A-F only; meets LEQ req of LEQ CAT04)</td>
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<td>47179</td>
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<td>2402</td>
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<td>4002</td>
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<td>46580</td>
<td>001 IND, 02:00pm-02:50pm T, MWAH 195</td>
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### Health (Hlth)

#### College of Education & Human Service Professions

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<td>1100</td>
<td>Health and Wellness Strategies for Life (A-F only; prereq 200 credits)</td>
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<td>47551</td>
<td>003 LEC, 02:00pm-03:15pm TTh, SpHC 210</td>
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<td>68070</td>
<td>004 LEC, 09:00am-09:50am MWF, SpHC 212</td>
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### Health Science Terminology

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<td>1104</td>
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<td>45818</td>
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<td>45819</td>
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### INTERMEDIATE GERMAN II

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<td>1202</td>
<td>Intermediate German II</td>
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### German II (F only; prereq 1-2 yrs high school Ger or 1101 or instructor consent; meets LEIP req of LEIP CAT3)

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<tr>
<td>45792</td>
<td>001 LEC, 08:00am-08:50am MTThF, H 490</td>
<td>4 cr</td>
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This information is accurate as of: 10/27/2005
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JOURNALISM (Jour)  
College of Liberal Arts  
2001 Reporting and Writing I  
(A-F only; prof Comp 1120)  
66253 001LEC, 02:00pm-03:15pm TTh, Cina 106; Aima, Abhinav Kaul, 3 cr  
47674 001LEC, 06:00pm-08:40pm M, H 490; (Open CE reserved seats will be available to UMD students on January 10, 2006); 5 seats reserved for Continuing Education - EXPIRES 10-JAN-2006, 3 cr  
2501 History of American Journalism  
(A-F only)  
47617 001LEC, 11:00am-12:15pm TTh, H 484; Digby, Drew, 3 cr  
3101 News Editing  
(A-F only; prereg 2001, Comp 1120)  
47183 001LEC, 11:00am-11:50am MW, H 484; Aima, Abhinav Kaul, 3 cr  
3300 News Photography  
66254 090LEC, 06:00pm-08:40pm T, H 484; (Open CE reserved seats will be available to UMD students on January 10, 2006); 5 seats reserved for Continuing Education - EXPIRES 10-JAN-2006, 3 cr  
3400 Community Journalism  
(A-F only)  
48395 001LAB, 09:30am-10:45am TTh, H 484; Digby, Drew, 3 cr  
3401 Broadcast News Writing  
(A-F only; prereg 2001, Comp 1120)  
47742 001LEC, 10:00am-10:50am MW, H 484; Aima, Abhinav Kaul, 3 cr  
3700 Media Law and Ethics  
(A-F only; prereg Comp 1120)  
47791 001LEC, 02:00pm-02:50pm MW, H 484; Aima, Abhinav Kaul, 3 cr  
3991 Independent Study in Journalism  
(max crs 5; A-F only; prereg 2001, instr consent)  
48387 001IND, Digby, Drew, 1-5 cr  
5197 Journalism Internship  
(max crs 3; A-F only; prereg 2001, 3700, 60 cr. or grad or instructor consent)  
47792 001IEC, 1-3 cr  
LABOVITZ SCHOOL OF BUSINESS AND ECONOMICS (LSBE)  
School of Business & Economics  
1101 The Business Environment  
(A-F only; meets LE req of LE CAT 2)  
45001 001LEC, 03:30pm-04:45pm TTh, Morh 70; (Open CE reserved seats will be available to UMD students on Jan 10, 2006); 2 seats reserved for Continuing Education - EXPIRES 10-JAN-2006, 3 cr  
1301 ESL: English for Academic Writing and Speaking  
(max crs 6; A-F only)  
47209 001LEC, 02:00pm-02:50pm MW, H 309; Anderson, Heidi Rochelle, 3 cr  
3091 Directed Study  
(max crs 6; 6 repeats allowed; A-F only; prereg Instructor consent or department consent)  
45796 001DIST, 1-3 cr  
4044 Language Teaching Methods  
(A-F only; prereg Fr 2301 or Ger 2301 or Span 2301 or equiv)  
47180 001LEC, 04:00pm-05:50pm MW, H 490; Zeilz, Eileen M, 4 cr  
LINGUISTICS (Ling)  
College of Liberal Arts  
1811 Introduction to Language  
(A-F only; meets LE req of LE Cat 2)  
45795 001LEC, 09:00am-09:50am MW, H 403, 3 cr  
47402 002LEC, 08:00am-09:15am TTh, Cina 308; (Open CE reserved seats will be available to UMD students on January 10, 2006); 1 seat reserved for Continuing Education - EXPIRES 10-JAN-2006, 3 cr  
47618 003LEC, 02:00pm-03:15pm TTh, H 468, 3 cr  
3591 Independent Study in Linguistics  
(max crs 6; 6 repeats allowed; A-F only; prereg 1811, 3101, 3102 or instructor consent)  
48429 001IND, 1-3 cr  
5852 Practicum in Teaching Linguistics  
(A-F only; prereg 1811, 3101, 3102 or instructor consent)  
46270 001PRC, 3 cr  
8591 Independent Study in Linguistics  
(max crs 6; 6 repeats allowed; A-F only; prereg Department consent)  
46271 001IND, 1-3 cr  
MANAGEMENT STUDIES (MgtS)  
School of Business & Economics  
3397 LSB Internship  
(A-F only; prereg LSB Internship, consent of internship director)  
46039 001IEK, Kaas, Duane A, 3 cr  
3401 Organizational Behavior and Management  
(A-F only; prereg LSB Internship or approved non-LSBE bus adm minor or college consent)  
46247 001LEC, 09:00am-09:50am MW, SBE 16; LSB MBA candidates) with: 46918 MGTs 3401; Pierce, Jon L, 3 cr  
46918 002LEC, 09:00am-09:50am MW, SBE 16; (Non-LSBE Bus Adm minors); Meets with: 46247 MGTs 3401; Pierce, Jon L, 3 cr  
46248 003LEC, 01:00pm-01:50pm MW, SBE 16; LSB MBA candidates) with: 46919 MGTs 3401; Pierce, Jon L, 3 cr  
46919 004LEC, 01:00pm-01:50pm MW, SBE 16; (Non-LSBE Bus Adm minors); Meets with: 46247 MGTs 3401; Pierce, Jon L, 3 cr  
46249 005LEC, 08:00am-09:15am TTh, SBE 16; LSB MBA candidates) with: 46920 MGTs 3401; Cummings, Anne, 3 cr  
46920 006LEC, 08:00am-09:15am TTh, SBE 16; (Non-LSBE Bus Adm minors); Meets with: 46249 MGTs 3401; Cummings, Anne, 3 cr  
47662 007LEC, 11:00am-12:15pm TTh, SBE 16; LSB MBA candidates) with: 47663 MGTs 3401; Mencl, Jennifer, 3 cr  
47663 008LEC, 11:00am-12:15pm TTh, SBE 16; (Non-LSBE Bus Adm minors); Meets with: 47662 MGTs 3401; Mencl, Jennifer, 3 cr  
48104 009LEC, 08:00am-09:15am MW, Engr 290; LSB MBA candidates) with: 48105 MGTs 3401; Studden, Shannon, 3 cr  
48105 010LEC, 08:00am-09:15am MW, Engr 290; (Non-LSBE Bus Adm minors); Meets with: 48104 MGTs 3401; Studden, Shannon, 3 cr  
3491 Independent Study  
(max crs 6; A-F only; prereg Department consent)  
46401 001IND, Aggarwal, Praveen, 1-3 cr  
3701 Principles of Marketing  
(A-F only; prereg LSB MBA or approved non-LSBE bus adm minor or college consent)  
46236 001LEC, 02:00pm-03:15pm TTh, SBE 16; LSB MBA candidates) with: 46921 MGTs 3701; Stark, Peter J., 3 cr  
46921 002LEC, 02:00pm-03:15pm TTh, SBE 16; (Non-LSBE Bus Adm or Marketing minors); Meets with: 46236 MGTs 3701; Stark, Peter J., 3 cr  
66647 003LEC, 03:30pm-04:45pm TTh, Chem 150; LSB MBA candidates) with: 66648 MGTs 3701; Stark, Peter J., 3 cr  
66648 004LEC, 03:30pm-04:45pm TTh, Chem 150; (Non-LSBE Bus Adm or Marketing minors); Meets with: 66647 MGTs 3701; Stark, Peter J., 3 cr
110 Finite Mathematics and Introduction to Calculus
(A-F only; prereq 1005; credit will not be received if credit is received for: 1290; meets LE req of LE CAT2)

1160 Projects in Business
8995 Special Topics: (Various Titles to be assigned)
8994 Directed Research
999 Independent Study

Mathematics (Math)
College of Science & Engineering
1005 College Algebra
1024 Introduction to Contemporary Mathematics
1141 Mathematics for Elementary Education
1129 Precalculus Analysis
1128 Calculus I
1297 Calculus II
1597 Honors: Calculus II
1301 Independent Study
1307 Internship

This information is accurate as of: 10/27/2005
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<td>005 IEX; Greene, John Robert, 1-3 cr</td>
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**Mechanical Engineering (ME)**

**College of Science & Engineering**

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*This information is accurate as of: 10/27/2005*
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1326 Jazz Piano
(max crs 15; 15 repeats allowed; A-F only; prereq Non-music major or music major sec instr; may be repeated)
46446 001 STU; (student must arrange 1/2 hr weekly lesson in 231 Humanities); Franke, Ryan J; Barnard, William Michael, 1 cr

1328 Jazz Applied
(max crs 8; 8 repeats allowed; A-F only; prereq Non-music major or music major secondary instructor consent)
47601 001 STU; (student must arrange 1/2 hr weekly lesson to be arr with instructor); Franke, Ryan J; Barnard, William Michael, 1 cr

1331 Organ
(max crs 18; 18 repeats allowed; A-F only; prereq Music major or major sec instr; may be repeated)
46449 001 STU; (student must arrange 1/2 hr weekly lesson in 231 Humanities); Rubin, Justin Henry, 1 cr

1332 Organ
(A-F only; prereq Non-music major or music major sec instr; may be repeated)
46451 001 STU; (student must arrange 1/2 hr weekly lesson in 231 Humanities); Rubin, Justin Henry, 1 cr

1352 Strings
(A-F only; prereq Non-music major or music major sec instr; may be repeated)
46453 001 STU; (student must arrange 1/2 hr weekly lesson must be arranged with instructor in H231); Anderson, A; Perrault, Rudy, 1 cr
46298 002 STU; (viola) (1/2 hr weekly lesson must be arranged with instructor in H231); Anderson, A; Perrault, Rudy, 1 cr
46299 003 STU; (cello) (1/2 hr weekly lesson must be arranged with instructor in H231); Osborn, Vinc, 1 cr
46290 004 STU; (bass) (1/2 hr weekly lesson must be arranged with instructor in H231); Osborn, Vinc, 1 cr

1357 Harp
(max crs 18; 18 repeats allowed; A-F only; prereq Music major, department consent)
46455 001 STU; (+ 1 hr arr lesson); Lemire, Janell Marie, 1-3 cr
46311 002 STU; (+ 1 hr arr lesson); Lemire, Janell Marie, 1-3 cr

1361 Woodwinds
(max crs 18; 18 repeats allowed; A-F only; prereq Music major, department consent)
46459 001 STU; (flute) (1/2 hr weekly lesson must be arranged with instructor in H231); Nolf, Kathleen Ann; Gaffey, Tina, 1-3 cr
46291 002 STU; (clarinet) (1/2 hr weekly lesson must be arranged with instructor in H231); Schoen, Theodore A, 1 cr
46295 003 STU; (saxophone) (1/2 hr weekly lesson must be arranged with instructor in H231); Schoen, Theodore A, 1 cr

1371 Brass
(max crs 18; 18 repeats allowed; A-F only; prereq Music major, department consent)
46486 001 STU; (trombone) (1/2 hr weekly lesson must be arranged with instructor in H231); Whitlock, Mark Eugene; Pospisil, James A; Thornton, Dann Lee; Eaton, Daniel W, 1-3 cr
46316 002 STU; (tuba/euphonium) (1/2 hr weekly lesson must be arranged with instructor in H231); Zielinski, Nickolai Vincent, 1-3 cr

1372 Percussion
(max crs 18; 18 repeats allowed; A-F only; prereq Non-music major or music major sec instr; may be repeated)
46467 001 STU; (Trumpet) (1/2 hr weekly lesson must be arranged with instructor in H231); Thornton, Dann Lee, 1 cr
46302 002 STU; (trombone) (1/2 hr weekly lesson must be arranged with instructor in H231); Whitlock, Mark Eugene, 1 cr
46303 003 STU; (French Horn) (1/2 hr weekly lesson must be arranged with instructor in H231); Pospisil, James A, 1 cr
46304 004 STU; (tuba/euphonium) (1/2 hr weekly lesson must be arranged with instructor in H231); Eaton, Daniel W, 1-3 cr

1381 Classical Guitar
(max crs 18; 18 repeats allowed; A-F only; prereq Music major, department consent)
46470 001 STU; (student must arrange 1/2 hr weekly lesson must be arranged with instructor in H231); Annoni, Maria Therese, 1 cr

1391 Classical Guitar
(max crs 18; 18 repeats allowed; A-F only; prereq Non-music major or music major sec instr; may be repeated)
46476 001 STU; (student must arrange 1/2 hr weekly lesson in 231 Humanities); Annoni, Maria Therese, 1 cr

1395 Jazz Guitar
(max crs 18; 18 repeats allowed; A-F only; prereq Music major, department consent)
46478 001 STU; (student must arrange 1/2 hr weekly lesson must be arranged with instructor in H231); Barnard, William Michael; Osborn, Vinc, 1-3 cr
46816 002 STU; (student must arrange 1/2 hr weekly lesson must be arranged with instructor in H231); Barnard, William Michael; Osborn, Vinc, 1-3 cr

1396 Jazz Guitar
(A-F only; Non-Music or Music major sec instr; may be repeated)
46480 001 STU; (student must arrange 1/2 hr weekly lesson in 231 Humanities); Cooper, Justin Henry; Osborn, Vinc, Ohara, Thomas Joseph, 1 cr

1398 Pop Styles Guitar
(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instr; may be repeated)
46482 001 STU; (student must arrange 1/2 hr weekly lesson in 231 Humanities); Kos, David Russell; Barnard, William Michael; Cooper, James M; Osborn, Vinc; Ohara, Thomas Joseph, 1 cr

1412 Diction: German
(A-F only; prereq 1411 or instructor consent)
66691 001 LEC, 11:00am-11:50am TTH, VKH 106, 1 cr

1414 Vocal Techniques
(prereq Music major or instructor consent)
46348 001 LEC, 10:00am-10:50am TTH, VKH 106; Moir, John Scott, 1 cr

1415 Concert Band
(prereq Instructor determines placement, may be repeated; meets LE req of LE CAT10)
46250 001 REH, 12:00pm-12:50pm MWF, MPAC 1; This class must be scheduled in MPAC 1; meets with: 46269 MU 4501; Eaton, Daniel W, 1 cr

1420 Symphonic Wind Ensemble
(prereq Instructor determines placement, may be repeated; meets LEIP req of LEIP CAT10)
46251 001 REH, 03:15pm-04:30pm MWT, MPAC 1; This class must be scheduled in MPAC 1; meets with: 46340 MU 4502; Whitlock, Mark Eugene, 1 cr

1421 Symphony Orchestra
(prereq Instructor determines placement, may be repeated; meets LEIP req of LEIP CAT10)
46252 001 REH, 07:00pm-09:30pm MTH, MPAC 1; This class must be scheduled in MPAC 1; meets with: 46311 MU 4503; Perrault, Rudy, 1 cr

1430 Chamber Orchestra
(max crs 12; 12 repeats allowed; prereq Instructor consent; may be repeated; meets LE req of LE CAT10)
47107 001 REH, 07:00pm-09:30pm W, WMH 206; meets with: 47108 MU 4504; Perrault, Rudy, 1 cr

1441 Jazz Ensemble
(prereq Instructor determines placement, may be repeated; meets LECO req of LECO CAT10)
46336 001 REH, 04:40pm-05:50pm MTWTH, MPAC 1; This class must be scheduled in MPAC 1; meets with: 46363 MU 4505; Franke, Ryan J, 1 cr

1450 University Singers
(prereq Instructor determines placement, may be repeated; meets LE req of LE CAT10)
46356 001 REH, 03:15pm-04:30pm MWTTH, VKH 106; meets with: 46357 MU 4511; Wold, Stanley R, 1 cr
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<th>Course Code</th>
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<td>001</td>
<td>Jeannerie crowdsley</td>
<td>TTh</td>
<td>11:00-11:50</td>
<td>H 160</td>
<td>1 credit</td>
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<td>2101</td>
<td>002</td>
<td>Janet Lynn</td>
<td>MWF</td>
<td>12:00-12:50</td>
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<td>Alan Alan</td>
<td>T</td>
<td>10:00-10:50</td>
<td>H 234</td>
<td>1/2 credit</td>
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<td>004</td>
<td>Kimberly Wilson</td>
<td>MWF</td>
<td>1:00-1:50</td>
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<td>006</td>
<td>Elaine Elaine</td>
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<td>12:00-12:50</td>
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<td>1 credit</td>
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This course is offered in the Spring of 2006. The information is accurate as of 10/27/2005.
4322 Piano
(A-F only; prereq: Non-music major or music major sec instr; may be repeated)
46415 001 STU; (student must arrange 1/2 hr weekly lesson in 231 Humanities); Doty, Jeanne Alyce; Rubin, Justin Henry; Chernyshev, Alexander; Wegren, Thomas Joseph, 1 cr
46000 004 STU; (Oboe) (1/2 hr weekly lesson must be arranged with instructor in H 231); Van Brunt, Laurie, 1 cr
46001 005 STU; (Baritone) (1/2 hr weekly lesson must be arranged with instructor in H 231); Campbell, Jefferson T, 1 cr
43711 Brass
(max crs 12; 12 repeats allowed; A-F only; prereq: Music major, department consent)
46464 001 STU, 01:00pm-01:50pm Th, H 226; (+ 1/2 hr arr lesson); Whitlock, Mark Eugene, 1 cr
46026 002 STU, 01:00pm-01:50pm Th, H 226; (+ 1 hr arr lesson); Whitlock, Mark Eugene; Thornton, Damn Lee; Pospisil, James A; Eaton, Daniel W, 1-3 cr
46472 Brass
(A-F only; prereq: Non-music major or music major sec instr; may be repeated)
46527 001 STU; (Trumpet) (1/2 hr weekly lesson must be arranged with instructor in H 231), 1 cr
48005 002 STU; (Trombone) (1/2 hr weekly lesson must be arranged with instructor in H 231); Whitlock, Mark Eugene, 1 cr
48006 003 STU; (French Horn) (1/2 hr weekly lesson must be arranged with instructor in H 231); Pospisil, James A, 1 cr
48007 004 STU; (Tuba/Euphonium) (1/2 hr weekly lesson must be arranged with instructor in H 231); Eaton, Daniel W, 1 cr
4381 Percussion
(max crs 12; 12 repeats allowed; A-F only; prereq: Music major, department consent)
46468 001 STU, 01:00pm-01:50pm Th, MPAC 1; (+ 1 1/2 hr arr lesson); Zielinski, Nickola Vincent, 1-3 cr
46827 002 STU, 01:00pm-01:50pm Th, MPAC 1; (+ 1 hr arr lesson); Zielinski, Nickola Vincent, 1-3 cr
4382 Percussion
(A-F only; prereq: Non-music major or music major sec instr; may be repeated)
46469 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Zielinski, Nickola Vincent, 1 cr
4391 Classical Guitar
(max crs 12; 12 repeats allowed; A-F only; prereq: Music major, department consent)
46475 001 STU, 01:00pm-01:50pm Th, H 171; (+ 1/2 hr arr lesson); Ammoni, Maria Therese, 1-3 cr
46828 002 STU, 01:00pm-01:50pm Th, H 171; (+ 1 hr arr lesson); Ammoni, Maria Therese, 1-3 cr
4392 Classical Guitar
(A-F only; prereq: Non-music major or music major sec instr; may be repeated)
46477 001 STU; (student must arrange 1/2 hr weekly lesson in 231 Humanities); Ammoni, Maria Therese, 1 cr
4395 Jazz Guitar
(max crs 12; 12 repeats allowed; A-F only; prereq: Music major, department consent)
46479 001 STU, 01:00pm-01:50pm Th, H 171; (+ 1/2 hr arr lesson); Barnard, William Michael, 1-3 cr
46829 002 STU, 01:00pm-01:50pm Th, H 171; (+ 1 hr arr lesson); Barnard, William Michael, 1-3 cr
4396 Jazz Guitar
(A-F only; prereq: Non-music major or music major sec instr; may be repeated)
46481 001 STU; (student must arrange 1/2 hr weekly lesson in 231 Humanities); Barnard, William Michael; Cooper, James M; Risdon, David Russell; Ohara, Thomas Joseph, 1 cr
4501 Concert Band
(max crs 12; 12 repeats allowed; A-F only; prereq: Instructor determines placement)
46269 001 REH, 12:00pm-12:50pm MWF, MPAC 1; This course must be scheduled in MPAC 1; Meets with: 46250 MU 1501; Eaton, Daniel W, 1 cr
4502 Symphonic Wind Ensemble
(max crs 6; 6 repeats allowed; A-F only; prereq: Instructor determines placement)
46310 001 REH, 08:15am-09:45am MTWTh, MPAC 1; This course must be scheduled in MPAC 1; Meets with: 46251 MU 1502; Whitlock, Mark Eugene, 1 cr
4503 Symphony Orchestra
(max crs 12; 12 repeats allowed; A-F only; prereq: Instructor determines placement)
46311 001 REH, 07:00pm-09:30pm MTh, MPAC 1; This course must be scheduled in MPAC 1; Meets with: 46252 MU 1503; Perrault, Rudy, 1 cr
4504 Chamber Orchestra
(A-F only; prereq: Instructor determines placement)
47108 001 REH, 07:00pm-09:30pm W, WMH 206; Meets with: 47107 MU 1504; Perrault, Rudy, 1 cr
4505 Jazz Ensemble
(max crs 4; A-F only; prereq: Instructor determines placement)
46363 001 REH, 04:40pm-06:55pm MTWTh, MPAC 1; This course must be scheduled in MPAC 1; Meets with: 46352 MU 1505; Eaton, Daniel W, 1 cr
46137 002 REH, 02:00pm-02:50pm MWF, MPAC 1; Meets with: 46353 MU 1505; Thornton, Damn Lee, 1-4 cr
4510 Concert Chorale
(max crs 4; A-F only; prereq: Instructor determines placement)
46365 001 REH, 02:00pm-02:50pm MWF, VKH 106; This course must be scheduled in MPAC 1; Meets with: 46355 MU 1510; Thielen-Gaffey, Tina, 1-4 cr
4511 University Singers
(max crs 12; 12 repeats allowed; A-F only; prereq: Instructor determines placement)
46357 001 REH, 03:15pm-04:30pm MTWTh, VKH 106; Meets with: 46356 MU 1511; Wold, Stanley T, 1 cr
4512 Chamber Singers
(max crs 12; 12 repeats allowed; A-F only; prereq: Concurrent registration required (or allowed) for: 1511 or 4511; instructor determines placement)
46366 001 REH, 02:00pm-03:15pm TTh, VKH 106; Meets with: 46358 MU 1512; Wold, Stanley R, 1 cr
4513 Vocal Jazz Ensemble
(A-F only; prereq: Instructor determines placement)
46367 001 REH, 05:00pm-06:30pm W, WMH 206; Meets with: 46372 MU 1513; 1 cr
47148 002 REH, 06:00pm-07:00pm TTh, VKH 106; Meets with: 47147 MU 1513; Thielen-Gaffey, Tina, 1 cr
4514 Chamber Music
(max crs 10; 10 repeats allowed; A-F only; prereq: instr consent)
46382 001 REH, 01:00pm-01:50pm MW, MPAC 1; (Percussion Ensemble).
This course must be scheduled in MPAC 1; Meets with: 46372 MU 1514; Zielinski, Nickola Vincent, 0.50-1 cr
46383 002 REH, 06:00pm-06:50pm MW, MPAC 1; (Combo I); Meets with: 46373 MU 1514; Lee, 1 cr
46384 003 REH, 06:00pm-07:00pm TTh, WMH 206; (Combo II); Meets with: 46374 MU 1514; Whitlock, Mark Eugene, 0.50-1 cr
46385 004 REH, 06:00pm-06:50pm TTh, MPAC 1; (Combo III); This course must be scheduled in MPAC 1; Meets with: 46375 MU 1513; Thornton, Dann Lee, 0.50-1 cr
46386 005 REH, 06:00pm-06:50pm W, WMH 206; (Combo IV); Meets with: 46376 MU 1514; Eaton, Daniel W, 0.50-1 cr
This information is accurate as of: 10/27/2005
This information is accurate as of: 10/27/2005
PHYSICS (Phys)
College of Science & Engineering

1001 Introduction to Physics I
   (A-F only; prereq Algebra, trig; meets LE req of LE CAT4)
   001 LEC, 09:00am-09:50am MTWF, MWAH 195; Meets with: 47413 PHYS 1001; Hiller, John R
   47409 002 LAB, 10:00am-11:50am T, MWAH 275, 5 cr
   47410 003 LAB, 02:00pm-03:50pm T, MWAH 275, 5 cr
   47411 004 LAB, 08:00am-09:50am Th, MWAH 275, 5 cr
   47412 005 LAB, 10:00am-11:50am Th, MWAH 275, 5 cr
   47406 006 LAB, 12:00pm-01:50pm Th, MWAH 275, 5 cr
   47413 020 LET, 02:00pm-02:50pm MWThF, MWAH 195; (Students repeating the course who have satisfactorily completed the lab); Meets with: 47464 PHYS 2012; Casserberg, Bo R, 4 cr

2011 Relativity and Quantum Physics
   (A-F only; prereq 2012 or 2014 or 2012)
   45814 001 LEC, 08:00am-09:50am MTWF, MWAH 279; Gran, Richard William, 4 cr

2002 Classical Physics
   (A-F only; prereq 2012; Credit will not be granted if credit has been received for: 1203; Credit will not be granted if credit has been received for: 1205; Credit will not be granted if credit has been granted for: 2001)
   47472 001 LEC, 10:00am-10:50am MWTThF, MWAH 279; Ralph, Elise Ann, 4 cr

2003 Classical and Quantum Physics Lab
   (A-F only; prereq concurrent registration is required (or allowed) in 2021 and 2022; Credit will not be granted if credit has been received for: 2031)
   47473 001 LEC, 09:00am-12:50pm T, MWAH 347; Sydor, Michael, 2 cr

2111 Solving Physics Problems I
   (S-N only; prereq Math 1296, concurrent registration is required in 2011. Credit will not be granted if credit has been received for: 1101)
   47474 001 DIS, 04:00pm-04:50pm M, MWAH 195; Casserberg, Bo R., 1 cr

2112 Solving Physics Problems II
   (S-N only; prereq Math 1297, concurrent registration is required)
   47475 001 DIS, 04:00pm-04:50pm W, MWAH 195; Johnson, Darrin Eric, 1 cr

2199 Physics Tutoring
   (max crs 4; repeats allowed; S-N only; prereq 2012 or dept consent)
   45838 001 IND; Maps, Jonathan, 1-2 cr

3091 Independent Study
   (max crs 6; 6 repeats allowed; A-F only; prereq Johnson, Darrin Eric, 3 cr)
   45836 001 IND, 1-3 cr

3094 Physics Research
   (max crs 6; 6 repeats allowed; A-F only; prereq Department consent)
   45837 001 IND, 1-6 cr

4011 Electromagnetic Theory
   (A-F only; prereq 2012 or 2013 or 1205, Math 3280)
   66236 001 LEC, 09:00am-09:50am MTWThF, MWAH 279; Casserberg, Bo R., 4 cr

4110 Physics for Science Teachers
   (A-F only; prereq 1002 or 2012, no Grad School cr.)
   001 LEC, 04:00pm-04:50pm T, MWAH 195; Johnson, Darrin Eric
   67231 002 DIS, 04:00pm-04:50pm Th, MWAH 195; Johnson, Darrin Eric, 2 cr

5090 Physics Seminar
   (max crs 2; A-F only; prereq Sr or grad student)
   66238 001 SEM, 04:00pm-04:50pm W, MWAH 279; Maps, Jonathan, 1 cr

5351 Introduction to Solid State Physics
   (A-F only; prereq 4021, 4031)
   66229 001 LEC, 11:00am-11:50am MWTThF, MWAH 279; Sydor, Michael, 3 cr

5541 Fluid Dynamics
   (A-F only; prereq 2022 or 2001, Math 3280)
   66240 001 LEC, 03:00pm-03:50pm W, MWAH 279; Ralph, Elise Ann, 3 cr

5591 Independent Study
   (max crs 6; 6 repeats allowed; S-N only; prereq Consent of director of graduate studies, instructor consent)
   46070 001 IND, 1-3 cr

5594 Physics Research
   (max crs 6; 6 repeats allowed; S-N only; prereq Instructor consent)
   46071 001 DRS, 1-3 cr

8333 OBJECTIVE: Master’s (NGA; prereq Master’s + student, adviser and DGS consent)
   45707 001 DRS, 1 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))
   47018 001 THE, 1-18 cr

POLITICAL SCIENCE (Pol)
College of Liberal Arts

1011 American Government and Politics
   (A-F only; meets LE req of LE CAT6)
   45868 001 LEC, 09:30am-10:45am Th, Cina 102; Grau, Craig, H, 3 cr
   47482 002 LEC, 06:00pm-07:50pm M, MWAH 195; (Open SE reserved seats will be available to UMD students on January 10, 2006.; 1 seat reserved for Continuing Education - EXP8ES 10-JAN-2006; Powers, Thomas F, 3 cr
   67955 003 LEC, 03:00pm-05:00pm MWF, Cina 202; Currin-Percival, Mary, 3 cr
   68157 004 LEC, 10:00am-10:50am MWF, Cina 202; Percival, Garrick L, 3 cr

1050 International Relations
   (A-F only; meets LEIP req of LEIP CAT08)
   47898 001 LEC, 08:00am-08:50am MWF, Cina 102; (Open SE reserved seats will be available to UMD students on January 10, 2006.; 1 seat reserved for Continuing Education - EXP8ES 10-JAN-2006; Caprio PhD, Mary, 3 cr

1500 Introduction to Comparative Politics
   (A-F only; meets LEIP req of LEIP CAT06)
   45869 001 LEC, 02:00pm-02:50pm MWF, Cina 102; Das, Ruma, 3 cr

1610 Politics and Society
   (A-F only; meets LE req of LE CAT7)
   45871 001 LEC, 11:00am-11:50am MWF, Cina 202; (Open SE reserved seats will be available to UMD students on January 10, 2006.; 1 seat reserved for Continuing Education - EXP8ES 10-JAN-2006; Vanderheiden, Steven Jon, 3 cr

2700 Methodology and Analysis
   (A-F only)
   65753 001 LEC, 12:00pm-1:50pm MW, MonH 206; Chilton, Stephen P, 4 cr

3080 Environment and Politics
   (A-F only; prereq 1011, 45 cr or inst consent)
   65754 001 LEC, 12:00pm-12:50pm MWF, Cina 102; Percival, Garrick L, 3 cr

3097 Government Internship
   (max crs 12; 12 repeats allowed; S-N only; prereq 60 cr; 4 cr max may be applied to upper div Pol major requirements; instructor consent)
   46994 001 EX, 1-12 cr
   48175 002 EX, 1-12 cr
   48176 003 EX, 1-12 cr

3109 Intern Teaching in Political Science
   (max crs 3; 3 repeats allowed; S-N only; prereq 90 cr, Pol major; 3 cr max may be applied to upper div Pol major requirements; instructor consent)
   46995 001 EX, 1-2 cr
   48183 002 EX, 1-2 cr
   48184 003 EX, 1-2 cr
   48185 004 EX, 1-2 cr
   48186 005 EX, 1-2 cr
   48187 006 EX, 1-2 cr

This information is accurate as of: 10/27/2005

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This information is accurate as of: 10/27/2005
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<td>46894</td>
<td>3216 Human Sexuality: A Personal Perspective</td>
<td>LaCaille PhD, Rick Carver</td>
<td>3 cr</td>
<td>08:00am-09:15am TTh, LSci 185; 4 cr</td>
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<tr>
<td>47434</td>
<td>3121 Abnormal Psychology</td>
<td>LaCaille PhD, Rick Carver</td>
<td>4 cr</td>
<td>03:00pm-03:50pm MWF, KF108</td>
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<td>3090 OEC, 05:15pm-08:45pm M, BohH 346; Open CE reserved seats will be available to UMD students on Jan 10, 2006; 6 seats reserved for Continuing Education - EXPRES 10-JAN-2006; Maddy, Jane Ellen, 4 cr</td>
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49000 200 INI: (Online Individualized Instruction-Students must be registered and begin the course at the start of the semester, which is January 17, 2006, and complete all requirements by May 5, 2006. No exceptions. Initial course information will be sent to you via your UMD e-mail account. To activate your account go to https://www.umn.edu/initiate? and follow the directions.) (Open CE reserved seats will be available to UMD students on Jan 10, 2006; 4 seats reserved for Continuing Education - EXPRES 10-JAN-2006; Miller, Kristelle, 4 cr

3321 Social Psychology (A-F only; prereq 3 cr Psy) 47034 001 LEC, 08:00am-09:15am TTh, BohH 346; LaCaille, Lara, 3 cr

47640 002 LEC, 05:15pm-07:45pm W, BohH 112; Gordon, Rianda A, 3 cr

47035 200 INI: (Online Individualized Instruction-Students must be registered and begin the course at the start of the semester, which is January 17, 2006, and complete all requirements by May 5, 2006. No exceptions. Initial course information will be sent to you via your UMD e-mail account. To activate your account go to https://www.umn.edu/initiate? and follow the directions.) (Open CE reserved seats will be available to UMD students on Jan 10, 2006; 2 seats reserved for Continuing Education - EXPRES 10-JAN-2006; Gordon, Randall A, 3 cr

3211 Group Dynamics (A-F only; prereq 3 cr Psy) 46515 001 LEC, 09:00am-10:15am MW, BohH 311; (CE reserve seats will be available to UMD students on Jan 10, 2006; 1 seat reserved for Continuing Education - EXPRES 10-JAN-2006; LaCaille, Lara, 3 cr

47641 002 LEC, 11:00am-12:15pm MW, BohH 311; 2 seats reserved for Continuing Education - EXPRES 10-JAN-2006; LaCaille, Lara, 3 cr

3215 Topics in Human Sexuality (A-F only; prereq Credit will not be granted if credit received for 3216; 3 cr Psy) 46547 001 LEC, 03:00pm-04:15pm TTh, Engr 177; (CE reserve seats will be available to UMD students on Jan 10, 2006; 1 seat reserved for Continuing Education - EXPRES 10-JAN-2006; Marsh, Karen Linda, 3 cr

47435 002 LEC, 3 cr

3216 Human Sexuality: A Personal Perspective (A-F only; prereq Credit will not be granted if credit received for 3215) 46899 200 INI: (Online education. Students must be registered and begin the course at the start of the semester, which is January 17, 2006, and complete all requirements by May 5, 2006. No exceptions.) 3 cr

3371 Child and Adolescent Psychology (A-F only; prereq 1003) 47642 001 LEC, 08:00am-09:15am TTh, LSci 185; (CE reserve seats will be available to UMD students on Jan 10, 2006; 1 seat reserved for Continuing Education - EXPRES 10-JAN-2006; Maas, Fay, 3 cr

47813 201 INI: (Individualized Instruction-Initial course information will be sent to you via your UMD e-mail account. To activate your account go to https://www.umn.edu/initiate? and follow the directions.) (Open CE reserved seats will be available to UMD students on Jan 10, 2006; 4 seats reserved for Continuing Education - EXPRES 10-JAN-2006; Heikel, Karen Luise, 3 cr

47814 202 INI: (Individualized Instruction-Initial course information will be sent to you via your UMD e-mail account. To activate your account go to https://www.umn.edu/initiate? and follow the directions.) (Open CE reserved seats will be available to UMD students on Jan 10, 2006; 2 seats reserved for Continuing Education - EXPRES 10-JAN-2006; Pribyl, Janet Marie, 3 cr

46996 204 INI: (Instructor consent required to register. Individualized Instruction-Initial course information will be sent to you via your UMD e-mail account. To activate your account go to https://www.umn.edu/initiate? and follow the directions.) (Open CE reserved seats will be available to UMD students on Jan 10, 2006; 2 seats reserved for Continuing Education - EXPRES 10-JAN-2006; Westlund, Julie Anne, 3 cr

47816 205 INI: (Individualized Instruction-Initial course information will be sent to you via your UMD e-mail account. To activate your account go to https://www.umn.edu/initiate? and follow the directions.) (Open CE reserved seats will be available to UMD students on Jan 10, 2006; 2 seats reserved for Continuing Education - EXPRES 10-JAN-2006; Bonde, Carol Lois, 3 cr

47817 206 INI: (Individualized Instruction-Initial course information will be sent to you via your UMD e-mail account. To activate your account go to https://www.umn.edu/initiate? and follow the directions.) (Open CE reserved seats will be available to UMD students on Jan 10, 2006; 2 seats reserved for Continuing Education - EXPRES 10-JAN-2006; O'Sullivan, Katherine S, 3 cr

48141 207 INI: (Individualized Instruction-Initial course information will be sent to you via your UMD e-mail account. To activate your account go to https://www.umn.edu/initiate? and follow the directions.) (Open CE reserved seats will be available to UMD students on Jan 10, 2006; 2 seats reserved for Continuing Education - EXPRES 10-JAN-2006; Olsen, Sonja M, 3 cr

48142 208 INI: (Individualized Instruction-Initial course information will be sent to you via your UMD e-mail account. To activate your account go to https://www.umn.edu/initiate? and follow the directions.) (Open CE reserved seats will be available to UMD students on Jan 10, 2006; 2 seats reserved for Continuing Education - EXPRES 10-JAN-2006; Acheson, Joe B, 3 cr

3601 Psychology of Personal Development (A-F only; prereq 3 cr Psy) 46419 001 LEC, 10:00am-10:50am MW, MonH 206; Acheson, Joe B, 3 cr

47311 002 LEC, 12:00pm-12:50pm MW, MonH 30; (CE reserve seats will be available to UMD students on Jan 10, 2006; 1 seat reserved for Continuing Education - EXPRES 10-JAN-2006; Acheson, Joe B, 3 cr

This information is accurate as of: 10/27/2005
SAFETY (SAFE)  
College of Science & Engineering  

6012 Risk Management and Workers’ Compensation  
(A-F only; prereq MEHS student or department consent; can apply credit to MEHS program only)  
46499 001 LEC, 10:00am-11:50am TTh, Engr 290; 10:00am-11:50am TTh, VKH 201; (+ lab arr); Fononni, Hamid, 2 cr  
6051 Construction Safety  
(A-F only; prereq MEHS student or department consent; can apply credit to MEHS program only)  
46507 001 LEC, 06:00pm-07:50pm Th, Engr 290; (+ lab arr); Mroz, Douglas, Edward, 2 cr  

6102 Advanced Industrial Hygiene and Health Physics  
(A-F only; prereq 6101 or department consent; can apply credit to MEHS program only)  
46510 002 LEC, 03:00pm-04:50pm MW, VKH 221; 03:00pm-04:50pm MW, VKH 227; (+ lab arr); Kragescheidt PhD, Dale Allen, 2 cr  
6121 Epidemiology and Industrial Toxicology  
(A-F only; prereq MEHS student or department consent; can apply credit to MEHS program only)  
46511 001 LEC, 01:00pm-02:50pm MW, VKH 221; 01:00pm-02:50pm MW, VKH 227; (+ lab arr); Kragescheidt PhD, Dale Allen, 2 cr  
6201 Fire Prevention and Emergency Preparedness  
(A-F only; prereq MEHS student or department consent; can apply credit to MEHS program only)  
46508 001 LEC, 06:00pm-07:50pm W, VKH 221; (+ lab arr); Staub, James D, 2 cr  
6211 Transportation Safety  
(A-F only; prereq MEHS student or department consent; can apply credit to MEHS program only)  
46512 001 IND; Kragescheidt PhD, Dale Allen, 1-3 cr  
6302 Occupational Ergonomics and Injury Management  
(A-F only; prereq MEHS student or department consent; can apply credit to MEHS program only)  
46501 001 LEC, 10:00am-11:50am MW, Engr 290; 10:00am-11:50am MW, VKH 201; (+ lab arr); Fononni, Hamid, 3 cr  
6401 Environmental Safety and Legal Implications  
(A-F only; prereq MEHS student or department consent; can apply credit to MEHS program only)  
48047 001 LEC, 06:00pm-08:40pm T, Kpiza 173; (+ lab arr); Staub, James D, 2 cr  

6402 Environmental Control Operations and Design  
(A-F only; prereq 6401 or department consent, MEHS student; can apply to MEHS program only)  
47882 001 LEC, 08:00am-11:50am MTWThF, VKH 221; 01:00pm-04:50pm MTWThF, VKH 221, 12/03/05-05/14/06; (+ lab arr); Kragescheidt PhD, Dale Allen, 2 cr  
6821 Organization and Administration of Safety Programs  
(A-F only; prereq MEHS student or department consent; can apply credit to MEHS program only)  
46505 001 LEC, 03:00pm-03:50pm TTh, Engr 290; (+ lab arr); Humphrey, Ritter J, 2 cr  

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

1210 Global Issues  
(A-F only; prereq Credit will not be granted if credit has been received for: 1211 or 1212; meets LEIP req of LEIP CAT08)  
67555 090 LEC, 06:00pm-08:50pm W, Bohh 343; (Open CE reserved seats will be available to UMD students on January 10, 2006.); 4 seats reserved for Continuing Education - EXPIRES 10-JAN-2006; Morgan, Thomas, 4 cr  
1212 Global Issues Honors Seminar  
(A-F only; prereq college consent. Credit will not be granted if credit has been received for: 1210 or 1211; meets Hon req of Honors; meets LEIP req of LEIP CAT08)  
67354 001 SEM, 09:00am-10:30am TTh, Bohh 112; Falk, Dennis R, 3 cr  

5032 Child Welfare and the Law  
(A-F only; prereq Jr or sr or grad student or instr consent)  
67355 001 LEC, 02:00pm-03:50pm Th, BohH 343; Garrison, Johanna Mary, 2 cr  
67372 087 LEC, 03:00pm-09:30pm F, BohH 104, 02/03/06-02/06/06, 09:00am-05:00pm S, BohH 104, 02/06/06-02/09/06, 09:00am-05:00pm S, BohH 1104, 04/29/06-04/29/06; (Weekends in Bemidji, also online component); Garrison, Johanna Mary, 2 cr  
5091 Independent Study  
(max crs 8; repeats allowed; prereq Instructor consent)  
45925 001 DST; Bye, Lynn E., 1-4 cr  
46948 002 DST; Carpenter, Don, 1-4 cr  
47006 003 DST; Day, Priscilla A., 1-4 cr  
47096 004 DST; Falk, Dennis R., 1-4 cr  
67359 005 DST; Garrison, Johanna Mary, 1-4 cr  
67359 006 DST; Garrison, Johanna Mary, 1-4 cr  
47728 008 DST; Heltzer, Kathleen Victoria, 1-4 cr  
47390 009 DST; J, 1-4 cr  
47854 087 DST; Raschick, R Michael, 1-4 cr  
5095 Special Topics: (Various Titles to be Assigned)  
(max crs 12; 12 repeats allowed)  
67361 001 LEC, Day, Priscilla A; Tellett, Anne Elizabeth, 1 cr; Tellett, Anne Elizabeth, 1 cr; Cultural Competence, Learning Circles  
5096 Special Project  
(max crs 8; 8 repeats allowed; S-N only; prereq Instructor consent)  
45926 001 FWK; Bye, Lynn E., 1-4 cr  
47259 002 FWK; Carpenter, Don, 1-4 cr  
47908 003 FWK; Day, Priscilla A., 1-4 cr  
46717 004 FWK; Falk, Dennis R., 1-4 cr  
46950 005 FWK; Tellett, Anne Elizabeth, 1-4 cr  
47909 006 FWK, 1-4 cr  

5235 American Indians and Social Policy  
(A-F only; prereq 5051 or advanced standing MSW program or instcr consent)  
67364 001 LEC, (two weekends in Duluth - dates to be announced); 2 cr  

8331 Organization and Community Practice II  
(A-F only; prereq 8111)  
45920 001 LEC, 06:00pm-08:50pm T, BohH 112; Ness, Mary K, 3 cr  
8332 Advanced Practice in Administration and Community Development  
(max crs 3; A-F only; prereq 8331)  
67373 001 LEC, 06:00pm-08:50pm Th, BohH 343; Tellett, Anne Elizabeth, 3 cr  
8333 FTE: Master’s  
(NGA; prereq Master’s student, adviser and DGS consent)  
47260 001 DR5, 1 cr  
8443 Advanced Practice in Mental Health  
(max crs 3; A-F only; prereq 8441)  
67379 001 LEC, 02:00pm-04:50pm Th, BohH 112; Carpenter, Don, 3 cr  
8771 Health in American Indian Communities  
(A-F only; prereq 5235 or instructor consent)  
45931 001 LEC, 04:00pm-05:50pm T, BohH 114; Snyder, Mark Joseph, 3 cr  

8100 Social Work with Diverse Populations  
(A-F only; prereq MSW students or instructor consent)  
67365 001 LEC, 01:00pm-03:50pm T, BohH 112; Hornung, Becki, 3 cr  
8101 Introduction to Research  
(A-F only; prereq SW grad student or instructor consent)  
45901 001 LEC, 04:00pm-05:50pm Th, BohH 343; Carpenter, Don, 2 cr  
8104 Project Seminar II  
(S-N only; prereq 8103)  
45918 001 SEM, 05:00pm-06:50pm Th, BohH 112; Falk, Dennis R, 1 cr  
46854 002 SEM, 05:00pm-06:50pm Th, BohH 343; Carpenter, Don, 1 cr  
46855 003 SEM, 05:00pm-06:50pm Th, BohH 104; Raschick, R Michael, 1 cr  

This information is accurate as of: 10/27/2005
This information is accurate as of: 10/27/2005

40
SPANISH (Span)
College of Liberal Arts

1102 Beginning Spanish II (A-F only; prereq: 4, 1-2 yrs high school Span or 1101 or instructor consent; meets LE req of LE CAT3)
45713 001 LEC, 02:00pm-02:50pm MTWTHF, H 490; Hulle, Irene Edith, 4 cr

45714 002 LEC, 03:00pm-03:50pm MTWTH, H 464; (Open CE reserved seats will be available to UMD students on January 10, 2006.); 1 seat reserved for Continuing Education - EXPIRES 10-JAN-2006; Nierengarten, Andrew P, 4 cr

1202 Intermediate Spanish II (A-F only; prereq: 4 for high school Span or 1201 or instr consent; meets LEIP req of LEIP CAT03)
45715 001 LEC, 08:00am-08:50am MTWTHF, HH 216; Hulle, Irene Edith, 4 cr
45716 002 LEC, 09:00am-10:00am MTWTHF, H 490; Hulle, Irene Edith, 4 cr
45717 003 LEC, 11:00am-11:50am MTWTHF, H 490; Weidmer-Ocampo, Richard T, 4 cr
45723 004 LEC, 12:00pm-02:00pm MTWTHF, H 464; Tobin Stanley, Maureen, 4 cr

3042 Hispanic American Civilization and Culture (A-F only; prereq: 2301 with C or better or instr consent; offered all yrs)
47181 001 LEC, 01:00pm-01:50pm MTWTH, H 468; Snustad, Andrew P, 4 cr

3044 Spanish Civilization and Culture (A-F only; prereq: 2301 with C or better or instr consent; offered all yrs)
47415 001 LEC, 11:00am-11:50am MTWTHF, H 464; Seybold, Richard A, 4 cr

4018 Hispanic America From Within (A-F only; prereq: 2301 with C or better or instr consent; no Grad School credit)
47062 001 LEC, 08:00am-09:50am MW, H 464; Weidmer-Ocampo, Richard T, 4 cr

4027 Modern Spanish Literature and Culture (A-F only; prereq: 2301 with C or better or instr consent; no Grad School credit)
65784 002 LEC, 08:00am-09:50am TTH, H 464; Seybold, Richard A, 4 cr

4091 Independent Study (max crs 6; A-F only; prereq instr consent)
46950 001 IND. Wilson, Janelle L, 1-3 cr

8159 Crim Special Topics: [Various Titles to be Assigned] (max crs 8; A-F only; prereq: Grad Student or instr consent)
66501 001 LEC, 05:00pm-07:40pm W, Cina 214; Maahs, Jeffrey Robert, 3 cr

8220 Advanced Evaluation Research Methods (A-F only; prereq: Grad Student or instructor consent)
66503 001 LEC, 05:00pm-07:40pm M, Cina 316; Weidner, Robert R, 3 cr

8600 Practicum in Criminology (max crs 15; 3 repeats allowed; S:N only; prereq Grad Student or instructor consent)
66505 001 FWK, Fleischman, William A., 1-15 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))
66507 001 THE; Fleischman, William A., A, 1-18 cr

9800 Directed Readings (max crs 6; A-F only; prereq: Grad Student or instructor consent)
66509 001 DRD; Fleischman, William A., 1-6 cr

SPANISH (Span)
College of Liberal Arts

1102 Beginning Spanish II (A-F only; prereq: 1-2 yrs high school Span or 1101 or instructor consent; meets LE req of LE CAT3)
45713 001 LEC, 02:00pm-02:50pm MTWTHF, H 490; Hulle, Irene Edith, 4 cr

45714 002 LEC, 03:00pm-03:50pm MTWTH, H 464; (Open CE reserved seats will be available to UMD students on January 10, 2006.); 1 seat reserved for Continuing Education - EXPIRES 10-JAN-2006; Nierengarten, Andrew P, 4 cr

1202 Intermediate Spanish II (A-F only; prereq: 4 for high school Span or 1201 or instr consent; meets LEIP req of LEIP CAT03)
45715 001 LEC, 08:00am-08:50am MTWTHF, HH 216; Hulle, Irene Edith, 4 cr
45716 002 LEC, 09:00am-10:00am MTWTHF, H 490; Hulle, Irene Edith, 4 cr
45717 003 LEC, 11:00am-11:50am MTWTHF, H 490; Weidmer-Ocampo, Richard T, 4 cr
45723 004 LEC, 12:00pm-02:00pm MTWTHF, H 464; Tobin Stanley, Maureen, 4 cr

3042 Hispanic American Civilization and Culture (A-F only; prereq: 2301 with C or better or instr consent; offered all yrs)
47181 001 LEC, 01:00pm-01:50pm MTWTH, H 468; Snustad, Andrew P, 4 cr

3044 Spanish Civilization and Culture (A-F only; prereq: 2301 with C or better or instr consent; offered all yrs)
47415 001 LEC, 11:00am-11:50am MTWTHF, H 464; Seybold, Richard A, 4 cr

4018 Hispanic America From Within (A-F only; prereq: 2301 with C or better or instr consent; no Grad School credit)
47062 001 LEC, 08:00am-09:50am MW, H 464; Weidmer-Ocampo, Richard T, 4 cr

4027 Modern Spanish Literature and Culture (A-F only; prereq: 2301 with C or better or instr consent; no Grad School credit)
65784 002 LEC, 08:00am-09:50am TTH, H 464; Seybold, Richard A, 4 cr

4091 Independent Study (max crs 6; A-F only; prereq instr consent)
46950 001 IND. Wilson, Janelle L, 1-3 cr

8159 Crim Special Topics: [Various Titles to be Assigned] (max crs 8; A-F only; prereq: Grad Student or instr consent)
66501 001 LEC, 05:00pm-07:40pm W, Cina 214; Maahs, Jeffrey Robert, 3 cr

8220 Advanced Evaluation Research Methods (A-F only; prereq: Grad Student or instructor consent)
66503 001 LEC, 05:00pm-07:40pm M, Cina 316; Weidner, Robert R, 3 cr

8600 Practicum in Criminology (max crs 15; 3 repeats allowed; S:N only; prereq Grad Student or instructor consent)
66505 001 FWK, Fleischman, William A., 1-15 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))
66507 001 THE; Fleischman, William A., A, 1-18 cr

9800 Directed Readings (max crs 6; A-F only; prereq: Grad Student or instructor consent)
66509 001 DRD; Fleischman, William A., 1-6 cr
### University of Minnesota - Class Schedule for Duluth Campus

#### Spring 2006

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor(s)</th>
<th>Credits</th>
<th>Time/Day/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5103</td>
<td>Infants and Toddlers With Special Needs (A-F only; preq: Credit will not be granted if credit has been received for 3103, each major or instructor consent)</td>
<td>Mei, Wendy A.</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
</tr>
<tr>
<td>5280</td>
<td>Language and Social Skills for Children and Youth With Autism Spectrum Disorders (A-F only; preq: Consent)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
</tr>
<tr>
<td>5382</td>
<td>Advanced Theory and Practice in Emotional/Behavioral Disorders (A-F only; preq: 4433 or 5433)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
</tr>
<tr>
<td>5433</td>
<td>Foundations in Special Education (preq: Postbac grad student, credit will not be granted if credit has been received for 4433)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
</tr>
<tr>
<td>5434</td>
<td>Assistive and Computer Technology for Teaching (A-F only; preq: 4433 or 5433, postbac grad or instructor consent, credit will not be granted if credit has been received for 4433)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
</tr>
<tr>
<td>5452</td>
<td>Academic Interventions for Students With Disabilities (A-F only; preq: 4433 or 5433, postbac grad or instructor consent, credit will not be granted if credit has been received for 4433)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
</tr>
<tr>
<td>5453</td>
<td>Parent and Professional Communication and Collaboration (preq: 4433 or 5433, postbac grad or instructor consent, credit will not be granted if credit has been received for 4433)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
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<tr>
<td>5503</td>
<td>Transitioning Planning for Adolescents With Disabilites (A-F only; preq: 4433 or 4434, postbac grad or instructor consent, credit will not be granted if credit has been received for 4433)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
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<tr>
<td>5585</td>
<td>Individual Education Plans: Development and Implementation (A-F only; preq: consent)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
</tr>
<tr>
<td>5600</td>
<td>Student Teaching (max hrs 12; 12 repeats allowed; S-N only; prereq: Instructor consent; no Grad School credit)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
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<tr>
<td>5991</td>
<td>Independent Study (max hrs 6; 6 repeats allowed; A-F only; prereq Department consent)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
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### STATISTICS (Stat)

#### College of Science & Engineering

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor(s)</th>
<th>Credits</th>
<th>Time/Day/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>4141</td>
<td>Introduction to Statistics (A-F only; preq: A grade of at least C- in Math 1209 or Mathplace or dept consent; meets LE req of LE CAT2)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
</tr>
<tr>
<td>42622</td>
<td>Statistical Methods (A-F only; preq: A grade of at least C- in Math 1209 or Mathplace; meets LE req of LE CAT2)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
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<tr>
<td>4361</td>
<td>Introduction to Probability and Statistics (A-F only; preq: A grade of at least C- in Math 1209 or Mathplace)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
</tr>
<tr>
<td>43623</td>
<td>Regression Analysis (A-F only; preq: 3611, Math 3298; credit cannot be applied as a math major or minor; no Grad School credit)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
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<tr>
<td>4351</td>
<td>Probability Models (A-F only; preq: 3611, Math 1297 or Math 1597)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
</tr>
<tr>
<td>4352</td>
<td>Statistical Inference (A-F only; preq: 3611, Math 3298 or Math 4326)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
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<tr>
<td>4444</td>
<td>FTOE: Doctoral (NGA; prereq: Doctoral student, adviser and DHS consent)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
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<tr>
<td>4551</td>
<td>Thesis (S-N only; prereq: Math 1209 or Math 1597)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
</tr>
<tr>
<td>4552</td>
<td>Thesis (S-N only; prereq: Math 3298 or Math 4326)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
</tr>
<tr>
<td>46242</td>
<td>Thesis (S-N only; prereq: Math 1297 or Math 1597)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
</tr>
<tr>
<td>46240</td>
<td>Thesis (S-N only; prereq: Math 3298 or Math 4326)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
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<tr>
<td>46866</td>
<td>Dissertation (S-N only; prereq: Math 1297 or Math 1597)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
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### THEATRE (Th)

#### School of Fine Arts

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor(s)</th>
<th>Credits</th>
<th>Time/Day/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1001</td>
<td>Introduction to Theatre Arts (A-F only; meets LE req of LE CAT9)</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
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<tr>
<td>47158</td>
<td>1001 LEC, 11:00am-11:50am MWF, Cina 202; Payne, William Eugene, 3 cr</td>
<td>4</td>
<td>4</td>
<td>Tue 9:00am-9:50am HH 120</td>
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<tr>
<td>Course Code</td>
<td>Course Name</td>
<td>Instructor</td>
<td>Credits</td>
<td>Schedule Details</td>
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<tr>
<td>4371</td>
<td>Acting VI; Acting for the Camera</td>
<td>(A-F only; prereq 4151 or instr consent; no Grad School credit)</td>
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<tr>
<td>48238</td>
<td>401 STU, 12:00pm-12:50pm TTh, MPAC 49; Isbell, Tom K</td>
<td>3 cr</td>
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<tr>
<td>4399</td>
<td>Theatre; Special Projects</td>
<td>(max crs 12; 12 repeats allowed; A-F only; prereq Instructor consent)</td>
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<tr>
<td>4621</td>
<td>001 DIS; Harvey, Mark A; Gabbert, Amy; Hoffman, Karen S</td>
<td>1-2 cr</td>
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<tr>
<td>4441</td>
<td>Costume Design II</td>
<td>(A-F only; prereq 3441 or instr consent)</td>
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<tr>
<td>66661</td>
<td>001 LEC, 02:00pm-03:50pm TTh, MPAC 51; Gabbert, Amy</td>
<td>3 cr</td>
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<tr>
<td>4501</td>
<td>Stage Lighting II</td>
<td>(A-F only; prereq 1501 or instr consent; no Grad School credit)</td>
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<td>66664</td>
<td>001 LEC, 03:00pm-04:15pm TTh, MPAC 51; Harvey, Mark A</td>
<td>3 cr</td>
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<tr>
<td>4802</td>
<td>History of the Theatre II</td>
<td>(A-F only; prereq 4801 or instr consent)</td>
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<tr>
<td>46212</td>
<td>001 LEC, 10:00am-10:50am TTh, MonH 208; Berry, Jon Michael</td>
<td>3 cr</td>
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<tr>
<td>4851</td>
<td>Dramatic and Performance Theory</td>
<td>(A-F only; prereq 3801 or instr consent)</td>
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<tr>
<td>46215</td>
<td>001 LEC, 02:00pm-02:50pm TTh, SphIC 210; Berry, Jon Michael</td>
<td>3 cr</td>
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<tr>
<td>4901</td>
<td>Intern Teaching in Theatre</td>
<td>(max crs 3; 3 repeats allowed; A-F only; prereq Instructor consent, no Grad School credit)</td>
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<tr>
<td>46225</td>
<td>001 DIS; Payne, William Eugene; Isbell, Tom K; Harvey, Mark A</td>
<td>3 cr</td>
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<tr>
<td>5991</td>
<td>Independent Study in Theatre</td>
<td>(max crs 6; 6 repeats allowed; A-F only; prereq Sr, department consent; undergrad max 6 cr in 3991 and 5991 combined; no Grad School credit)</td>
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<tr>
<td>46227</td>
<td>001 IND; Isbell, Tom K</td>
<td>3 cr</td>
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<tr>
<td>5997</td>
<td>Internship in Professional Theatre</td>
<td>(max crs 12; 12 repeats allowed; S-N only; prereq Department consent; 1 cr or for each 45 hrs work; no Grad School credit)</td>
<td></td>
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<tr>
<td>46230</td>
<td>001 IEX; Isbell, Tom K</td>
<td>1-2 cr</td>
<td></td>
<td></td>
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<tr>
<td>5000</td>
<td>Directed Research in Toxicology</td>
<td>(max crs 16; 16 repeats allowed; S-N only; prereq instr consent)</td>
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<tr>
<td>67893</td>
<td>001 LAB, 1-4 cr</td>
<td>1-4 cr</td>
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<tr>
<td>5545</td>
<td>Introduction to Regulatory Medicine</td>
<td>(A-F only; prereq Grad School student or instr consent)</td>
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<td>67894</td>
<td>001 ROT, 2 cr</td>
<td>2 cr</td>
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<tr>
<td>8012</td>
<td>Advanced Toxicology I</td>
<td>(A-F only; prereq 5011, Chem 4341 or instructor consent)</td>
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<td>67895</td>
<td>001 LEC, 3 cr</td>
<td>3 cr</td>
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<tr>
<td>8333</td>
<td>FTE: Master’s</td>
<td>(NGA; prereq Master’s + s student, adviser and DGS consent)</td>
<td></td>
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<tr>
<td>45708</td>
<td>001 DRS, 1 cr</td>
<td>1 cr</td>
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<tr>
<td>8444</td>
<td>FTE: Doctoral</td>
<td>(NGA; prereq Doctoral student, adviser and DGS consent)</td>
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<tr>
<td>46990</td>
<td>001 DRS, 1 cr</td>
<td>1 cr</td>
<td></td>
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<tr>
<td>8866</td>
<td>Doctoral Pre-Thesis Credits</td>
<td>(max crs 60; 40 repeats allowed; NGA; prereq Max 18 cr per semester or summer; doctoral student who has not passed prelim oral)</td>
<td></td>
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<tr>
<td>47000</td>
<td>001 THE, 1-18 cr</td>
<td>1-18 cr</td>
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<tr>
<td>8777</td>
<td>Thesis Credits; Master’s</td>
<td>(max crs 50; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 10 cr total required (Plan A only))</td>
<td></td>
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<tr>
<td>47001</td>
<td>001 THE, 1-18 cr</td>
<td>1-18 cr</td>
<td></td>
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<tr>
<td>8888</td>
<td>Thesis Credits; Doctoral</td>
<td>(max crs 100; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 24 cr required)</td>
<td></td>
<td></td>
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<tr>
<td>47029</td>
<td>001 THE, 1-24 cr</td>
<td>1-24 cr</td>
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</table>
### Urban and Regional Studies (URS)

**College of Liberal Arts**

- **3097 Internship in Urban and Regional Studies**
  - (max crs 8; 8 repeats allowed; S-N only; prereq URS major, jr or sr, instructor consent)
  - 45899 001 IEX; Knopp, Lawrence M, 1-6 cr

- **3991 Independent Study in Urban and Regional Studies**
  - (max crs 6; prereq instr consent)
  - 47628 001 IND; Knopp, Lawrence M, 1-4 cr

### Water Resources Science (WRS)

**College of Science & Engineering**

- **8333 FTE: Master’s**
  - (NGA; prereq Master’s student, adviser and DGS consent)
  - 45709 001 DRS, 1 cr

- **8444 FTE: Doctoral**
  - (NGA; prereq Doctoral student, adviser and DGS consent)
  - 46991 001 DRS, 1 cr

- **8666 Doctoral Pre-Thesis Credits**
  - (max crs 60; 4 repeats allowed; NGA; prereq Max 18 cr per semester or summer; doctoral student who has not passed prelim oral)
  - 47001 001 THE, 1-18 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])
  - 47020 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)
  - 47030 001 THE, 1-24 cr

### Women's Studies (WS)

**College of Liberal Arts**

- **1000 Introduction to Women's Studies**
  - (A-F only; meets LECD req of LECD CAT 07)
  - 47186 002 LEC, 09:30am-10:45am TTh, Cina 308; Kamau, Margaret Njoki, 3 cr
  - 47895 003 LEC, 01:00pm-01:50pm MWF, Cina 202; Varney, Joan Dee, 3 cr
  - 47630 004 LEC, 02:00pm-03:15pm TTh, MonH 206; Bartlett, Elizabeth Ann, 3 cr
  - 47273 090 LEC, 06:00pm-09:00pm Th, Cina 202; (Open CE reserved seats will be available to UMD students on January 10, 2006); 12 seats reserved for Continuing Education - EXPIRES 10-JAN-2006; Ritmeester, Tineke, 3 cr

- **2101 Women, Race, and Class**
  - (A-F only; meets LECD req of LECD CAT 08)
  - 47079 001 LEC, 08:00am-09:15am TTh, Engr 118; Kamau, Margaret Njoki, 3 cr
  - 47944 090 LEC, 06:00pm-09:00pm W, H 464; (Open CE reserved seats will be available to UMD students on January 10, 2006); 5 seats reserved for Continuing Education - EXPIRES 10-JAN-2006; Kamau, Margaret Njoki, 3 cr

- **3002 Latin American Women: Culture and Politics**
  - (A-F only; prereq 1000 or 2101 or instr consent)
  - 47346 090 LEC, 06:00am-09:00am Th, H 490; (Open CE reserved seats will be available to UMD students on January 10, 2006); 7 seats reserved for Continuing Education - EXPIRES 10-JAN-2006; Woodward, Susana Pelayo, 3 cr

- **3150 Women-Identified Culture**
  - (A-F only)
  - 47274 001 LEC, 03:00pm-05:40pm W, H 458; (Open CE reserved seats will be available to UMD students on January 10, 2006); 1 seat reserved for Continuing Education - EXPIRES 10-JAN-2006; Ritmeester, Tineke, 3 cr

### Additional Courses

- **3600 Ecofeminist Theories and Practices**
  - (A-F only; prereq 1000 or instr consent)
  - 66346 001 LEC, 02:00pm-04:40pm W, MonH 206; Bartlett, Elizabeth Ann, 3 cr

- **3891 Independent Study**
  - (max crs 6; A-F only; prereq 1000, 3100, 15 cr WS or WS-related courses, instr consent)
  - 46636 001 IND, 1-3 cr

- **3897 Internship**
  - (max crs 9; 3 repeats allowed; S-N only; prereq 1000, 2101, 3100, 15 cr WS or WS-related courses, WS major or minor, 53 cr, instr consent)
  - 46635 001 IEX, 1-9 cr

- **4000 Seminar**
  - (A-F only; prereq 1000, 2101, 3100, 15 cr WS or WS-related courses, WS major or minor, or instr consent)
  - 45799 001 SEM, 12:00pm-01:50pm TTh, H 458; Ritmeester, Tineke, 4 cr

- **5897 Teaching Internship in Women’s Studies**
  - (max crs 2; S-N only; prereq 1000, 2101, 90cr, WS major, instructor consent; no Grad School credit)
  - 48125 001 IEX, 1-2 cr

- **5991 Independent Study**
  - (max crs 3; A-F only; prereq 1000, 3100, 15 cr WS or WS related courses or grad student, instr consent)
  - 46634 001 LEC, 1-3 cr