

# COURSES

## HOW TO USE THIS SCHEDULE

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

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

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

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

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

Departments and colleges may use the registration system to help place certain categories of qualified students into courses or sections on a priority basis (seniors, majors,

etc.). If you meet all stated prerequisites for the course, including class standing, you may also need to meet other qualifications established at the time of registration. For this reason, it is helpful to think about first *and* second course choices.

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

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

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

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

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

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

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

**No Time or Place**—When hours and days or the place of meeting are missing, consult the instructor or department offering the course.

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

*Example 1*

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

*Example 2*

001 LEC, 10:15am-11:20am MWF  
 81533 002 LAB, 12:00pm-01:40pm M  
 61533 003 LAB, 12:00pm-01:40pm W

*Example 3*

001 LEC, 08:00am-09:40am T  
 41533 002 LAB, 10:00am-11:40am T  
 21533 003 LAB, 10:00am-11:40am Th  
 004 LEC, 11:00am-12:40am Th  
 11533 005 LAB, 02:00pm-03:40pm T  
 64574 006 LAB, 02:00pm-03:40pm Th  
 81600 007 LET, 09:00am-09:50am MWF (stand-alone lecture without lab for courses which usually have a lab)

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

**Course Changes**—See under "Registration Information> Class Schedule>Online Version" on the Web at <http://www.d.umn.edu/courseinfo/> for the most current and accurate information.

**ACCOUNTING (Acct)****Labovitz School of Business & Economics**

<b>2001</b>	<b>Principles of Financial Accounting</b> (A-F; prereq Min 15 cr or college consent)
30485	001 LEC, 08:00am-08:50am MWF, LSBE 125; LSBE Students; Meets with: 28263 ACCT 2001; Salmela, Karen Ellen, 3 cr
28263	002 LEC, 08:00am-08:50am MWF, LSBE 125; (Non-LSBE students); Meets with: 30485 ACCT 2001; Salmela, Karen Ellen, 3 cr
28264	003 LEC, 10:00am-10:50am MWF, LSBE 125; (LSBE students); Meets with: 28265 ACCT 2001; Salmela, Karen Ellen, 3 cr
28265	004 LEC, 10:00am-10:50am MWF, LSBE 125; (Non-LSBE students); Meets with: 28264 ACCT 2001; Salmela, Karen Ellen, 3 cr
28266	005 LEC, 12:00pm-12:50pm MWF, LSBE 135; (LSBE students); Meets with: 28267 ACCT 2001; Brannan PhD, Rodger L, 3 cr
28267	006 LEC, 12:00pm-12:50pm MWF, LSBE 135; (Non-LSBE students); Meets with: 28266 ACCT 2001; Brannan PhD, Rodger L, 3 cr
29040	007 LEC, 09:30am-10:45am TTh, LSBE 129; (LSBE students); Meets with: 29041 ACCT 2001; Erickson, Loren L, 3 cr
29041	008 LEC, 09:30am-10:45am TTh, LSBE 129; (Non-LSBE students); Meets with: 29040 ACCT 2001; Erickson, Loren L, 3 cr
29042	009 LEC, 12:30pm-01:45pm TTh, LSBE 129; (LSBE students); Meets with: 29043 ACCT 2001; Erickson, Loren L, 3 cr
29043	010 LEC, 12:30pm-01:45pm TTh, LSBE 129; (Non-LSBE students. Open CE Reserve seats will be available to UMD students 08/31/10.); 2 seats reserved for Continuing Education; Meets with: 29042 ACCT 2001; Erickson, Loren L, 3 cr
29044	011 LEC, 03:30pm-04:45pm TTh, LSBE 129; (LSBE students); Meets with: 29045 ACCT 2001; , 3 cr
29045	012 LEC, 03:30pm-04:45pm TTh, LSBE 129; (Non-LSBE students); Meets with: 29044 ACCT 2001; , 3 cr
29046	013 LEC, 06:00pm-08:40pm T, LSBE 129; (LSBE students); Meets with: 29047 ACCT 2001, 3 cr
29047	014 LEC, 06:00pm-08:40pm T, LSBE 129; (Non-LSBE students) (Open CE Reserve seats will be available to UMD students 08/31/10.); 4 seats reserved for Continuing Education; Meets with: 29046 ACCT 2001, 3 cr
<b>2002</b>	<b>Principles of Managerial Accounting</b> (A-F; prereq 2001, LSBE student or college consent)
28277	001 LEC, 03:00pm-03:50pm MWF, LSBE 125; Salmela, Karen Ellen, 3 cr
28278	002 LEC, 02:00pm-02:50pm MWF, LSBE 125; Salmela, Karen Ellen, 3 cr
28279	003 LEC, 02:00pm-03:15pm TTh, LSBE 129; , 3 cr
<b>3001</b>	<b>Technology Tools in Accounting</b> (A-F; prereq LSBE cand)
30870	001 LEC, 02:00pm-02:50pm T, LSBE 237; Erickson, Loren L, 1 cr
30869	002 LEC, 11:00am-11:50am W, LSBE 237; Erickson, Loren L, 1 cr
<b>3101</b>	<b>Intermediate Accounting I</b> (A-F; prereq LSBE cand or acct minor or college consent)
30469	001 LEC, 09:30am-10:45am TTh, LSBE 229; (LSBE Candidates); Meets with: 30470 ACCT 3101; Hsiao, Daniel, 3 cr
30470	002 LEC, 09:30am-10:45am TTh, LSBE 229; (Non LSBE Accounting Minors); Meets with: 30469 ACCT 3101; Hsiao, Daniel, 3 cr
29743	003 LEC, 03:30pm-04:45pm TTh, LSBE 135; (LSBE candidates); Meets with: 30467 ACCT 3101; Hsiao, Daniel, 3 cr
30467	004 LEC, 03:30pm-04:45pm TTh, LSBE 135; (Non LSBE Accounting Minors); Meets with: 29743 ACCT 3101; Hsiao, Daniel, 3 cr
<b>3102</b>	<b>Intermediate Accounting II</b> (A-F; prereq 3101, LSBE cand or non-LSBE acct minor or college consent)
29248	001 LEC, 08:00am-09:15am TTh, LSBE 135; (LSBE candidates); Meets with: 29249 ACCT 3102; , 3 cr

29249	002 LEC, 08:00am-09:15am TTh, LSBE 135; (Non-LSBE Accounting minors); Meets with: 29248 ACCT 3102; , 3 cr
<b>3201</b>	<b>Cost Accounting</b> (A-F; prereq LSBE cand or non-LSBE acct minor or college consent)
29067	001 LEC, 08:00am-08:50am MWF, LSBE 229; (LSBE candidates); Meets with: 29066 ACCT 3201; Brannan PhD, Rodger L, 3 cr
29066	002 LEC, 08:00am-08:50am MWF, LSBE 229; (Non-LSBE Accounting minors); Meets with: 29067 ACCT 3201; Brannan PhD, Rodger L, 3 cr
31320	003 LEC, 03:00pm-03:50pm MWF, LSBE 225; (LSBE candidates); Meets with: 31321 ACCT 3201; Brannan PhD, Rodger L, 3 cr
31321	004 LEC, 03:00pm-03:50pm MWF, LSBE 225; (Non-LSBE Accounting minors); Meets with: 31320 ACCT 3201; Brannan PhD, Rodger L, 3 cr
<b>3301</b>	<b>Accounting Information Systems</b> (A-F; prereq LSBE cand or non-LSBE acct minor or college consent ; credit will not be granted if already received for 3110.)
28442	001 LEC, 11:00am-12:15pm TTh, LSBE 237; (LSBE candidates); Meets with: 28443 ACCT 3301; Hsiao, Daniel, 3 cr
28443	002 LEC, 11:00am-12:15pm TTh, LSBE 237; (Non-LSBE Accounting minors); Meets with: 28442 ACCT 3301; Hsiao, Daniel, 3 cr
<b>3401</b>	<b>Individual Income Taxation</b> (A-F; prereq Credit will not be granted if already received for ACCT 3152 or 4152; LSBE cand or approved non-LSBE acct minor or college consent)
29308	001 LEC, 08:00am-09:15am TTh, LSBE 225; (LSBE candidates); Meets with: 29309 ACCT 3401; , 3 cr
29309	002 LEC, 08:00am-09:15am TTh, LSBE 225; (Non-LSBE accounting minors); Meets with: 29308 ACCT 3401; , 3 cr
31305	003 LEC, 02:00pm-02:50pm MWF, LSBE 135; (LSBE candidates); Meets with: 31306 ACCT 3401; Skalberg, Randy, 3 cr
31306	004 LEC, 02:00pm-02:50pm MWF, LSBE 135; (Non-LSBE accounting minors); Meets with: 31305 ACCT 3401; Skalberg, Randy, 3 cr
<b>3402</b>	<b>Advanced Business Taxation</b> (A-F; prereq 3401, LSBE cand or college consent ; credit will not be granted if already received for 3151)
28403	001 LEC, 12:00pm-12:50pm MWF, LSBE 229; Skalberg, Randy, 3 cr
<b>3701</b>	<b>Small Business Initiative in Accounting</b> (max crs 2; S-N only; prereq 3001, 3101, LSBE cand and instr consent)
31309	001 IEX, 03:30pm-06:00pm TTh, LSBE 265; Erickson, Loren L, 1-2 cr
<b>3796</b>	<b>Internship in Accounting</b> (max crs 6; 3 repeats allowed; S-N; prereq 3101, dept consent ; repeatable for a max of 6 credits; 3 repeats allowed; max 3 cr may be applied to acct electives; may take ACCT 3196 and 3796 for a total of 6 credits.)
28561	001 IEX; Roline, Alan C, 2-6 cr
<b>4101</b>	<b>Auditing</b> (A-F; prereq 3102, 3110, LSBE cand or college consent ; no Grad School cr; credit will not be granted if already received for 4160.)
32163	001 LEC, 04:00pm-05:15pm MW, LSBE 233; , 3 cr
<b>4600</b>	<b>Employee Benefit and Retirement Planning</b> (A-F only; prereq Acct 3401m LSBE candidate, no grad school credit)
32166	001 LEC, 09:00am-09:50am MWF, LSBE 233; Skalberg, Randy, 3 cr

**AEROSPACE STUDIES (Air)  
Swenson College of Science & Engineering**

<b>100</b>	<b>AFROTC GMC Leadership Laboratory</b> (S-N only)
29162	001 LAB, 06:15am-07:45am W, Room TBA; In addition to normal lead lab activities, you must attend a minimum of two PT sessions per week (0615-0715 days TBD).; Kolch, Kurt M; Jaros, Jason D, 0 cr
<b>1000</b>	<b>AFROTC GMC Lead Lab</b> (max crs 4; 4 repeats allowed; S-N only)
30249	001 LAB, 06:15am-07:45am W, Room TBA; In addition to normal lead lab activities, you must attend a minimum of two PT sessions per week (0615-0715 days TBD).; Kolch, Kurt M; Jaros, Jason D, 1 cr
<b>1101</b>	<b>Foundations of the U.S. Air Force</b> (A-F only)
28075	001 LEC, 07:00am-07:50am T, DAdB 16A; Hollis, Colleen Joy; Kolch, Kurt M; Jaros, Jason D, 1 cr
<b>1591</b>	<b>Leadership Practicum</b> (max crs 4; 4 repeats allowed; A-F only)
28107	001 PRC; Instructor approval required.; Kolch, Kurt M; Jaros, Jason D, 1-4 cr
<b>2101</b>	<b>The Evolution of the U.S. Air Force Air and Space Power</b> (A-F only)
28097	001 LEC, 07:00am-07:50am Th, DAdB 16A; Kolch, Kurt M; Jaros, Jason D, 1 cr
<b>3000</b>	<b>AFROTC POC Leadership Laboratory</b> (max crs 4; 4 repeats allowed; S-N only)
29163	001 LAB, 06:15am-07:45am W, Room TBA; In addition to normal lead lab activities, you must attend a minimum of two PT sessions per week (0615-0715 days TBD).; Kolch, Kurt M; Jaros, Jason D, 1 cr
<b>3001</b>	<b>AFROTC POC Lead Lab</b> (max crs 8; 4 repeats allowed; S-N only)
30250	001 LAB, 06:15am-07:45am W, Room TBA; In addition to normal lead lab activities, you must attend a minimum of two PT sessions per week (0615-0715 days TBD).; Kolch, Kurt M; Jaros, Jason D, 2 cr
<b>3101</b>	<b>Air Force Leadership Studies</b> (A-F only)
28120	001 LEC, 04:00pm-06:50pm W, DAdB 16A; Kolch, Kurt M; Jaros, Jason D, 3 cr
<b>3591</b>	<b>Leadership Practicum</b> (max crs 4; 4 repeats allowed; A-F only)
28117	001 PRC; Instructor approval required.; Kolch, Kurt M; Jaros, Jason D, 1-4 cr
<b>4101</b>	<b>National Security Affairs, Preparation for Active Duty</b> (A-F only; prereq No Grad School cr)
28121	001 LEC, 05:00pm-07:50pm M, DAdB 16A; Kolch, Kurt M; Jaros, Jason D, 3 cr

**AFRICAN AND AFRICAN AMERICAN STUDIES (AAAS)  
College of Liberal Arts**

<b>1100</b>	<b>Introduction to African and African American Studies</b> (A-F only; meets LE req of LE CAT7; meets LECD req of LECD CAT07)
31784	001 LEC, 05:00pm-06:50pm TTh, KPlz 385; Mwetli PhD, Chang'aa, 4 cr

**AMERICAN INDIAN STUDIES (AmIn)  
College of Liberal Arts**

<b>1010</b>	<b>American Indian Experience to 1900</b> (A-F only; prereq Credit will not be granted if already received for 1110.; meets LECD req of LECD CAT07)
31550	001 LEC, 10:00am-10:50am MWF, Cina 202; meets CD req of Cultural Diversity; , 3 cr
31551	002 LEC, 11:00am-11:50am MWF, Cina 308; meets CD req of Cultural Diversity; , 3 cr

<b>1103</b>	<b>Introduction to the Ojibwe Language</b> (A-F; meets LECD req of LECD CAT03)	<b>3003</b>	<b>Intermediate American Sign Language I</b> (A-F only; prereq 2002 or instr consent ; credit will not be granted if already received for CSD 5003)	<b>3691</b>	<b>Independent Study in Anthropology</b> (max crs 10; A-F only; prereq Min 60 credits or instr consent)
28458	001 LEC, 02:00pm-02:50pm MWF, ChPk 124; , 3 cr	29580	001 LEC, 09:00am-09:50am MWF, SBE 51; 1 seat reserved for Continuing Education; , 3 cr	31372	001 IND; Jones, Jennifer Elaine, 1-5 cr
<b>2103</b>	<b>Intermediate Ojibwe I</b> (A-F; prereq 1104 or instr consent)	28887	002 LEC, 10:00am-10:50am MWF, SBE 51; , 3 cr	<b>3888</b>	<b>Anthropology of Food</b> (A-F; prereq 1604 or instr consent)
	Credit will not be granted if already received for 2203.; meets LECD req of LECD CAT03)	30786	090 LEC, 06:00pm-08:40pm M, SBE 51; (Open CE Reserve seats will be available to UMD students 08/30/11.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; , 3 cr	31852	350 LEC; (Online Instruction. Students must register by 9/6/11 and complete all requirements by 12/16/11 No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. Open CE reserved seats will be available to UMD students on August 30, 2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Roufs, Tim, 3 cr
30861	001 LEC, 03:00pm-03:50pm MWF, Library 409, 3 cr	<b>3004</b>	<b>Intermediate American Sign Language II</b> (A-F only; prereq 3003 or instr consent ; credit will not be granted if already received for CSD 5004)	<b>4633</b>	<b>Ethnobotany</b> (A-F; prereq 1604, min 60 cr)
<b>2210</b>	<b>American Indian Politics: Law, Sovereignty, and Treaty Rights</b> (prereq Credit will not be granted if already received for 2110.; meets LE req of LE CAT6)	32256	001 LEC, 01:00pm-01:50pm MWF, Cina 106; , 3 cr	30608	001 LEC, 03:30pm-05:20pm TTh, Cina 214; Syring PhD, David, 4 cr
31552	001 LEC, 09:30am-10:45am TTh, Cina 202; Johnson, Tadd Mathew, 3 cr	<b>4005</b>	<b>Advanced American Sign Language</b> (A-F only; prereq 3004 or instr consent ; no Grad School cr; credit will not be granted if already received for CSD 4005)	<b>4651</b>	<b>Development of Anthropological Theory</b> (A-F only; prereq 1604, min 90 cr, no Grad School cr)
<b>2407</b>	<b>Boarding Schools and Beyond: A History of American Indian Education</b> (prereq Credit will not be granted if already received for 2707.; meets LECD req of LECD CAT08)	29194	001 LEC, 03:00pm-03:50pm MWF, Cina 106; , 3 cr	28061	001 LEC, 12:00pm-01:40pm MW, Cina 214; Jones, Jennifer Elaine, 4 cr
33266	001 LEC, 01:00pm-01:50pm MWF, Cina 102, 3 cr	<b>4100</b>	<b>Linguistics of American Sign Language</b> (A-F; prereq 3004 or instr consent , no Grad School cr)	<b>4691</b>	<b>Independent Study in Anthropology</b> (max crs 5; 5 repeats allowed; A-F only; prereq Min 60 cr or instr consent , no Grad School cr)
<b>3420</b>	<b>American Indians in Sports</b> (A-F only; prereq 30 credits; Credit will not be granted if already received for 3110.; meets LECD req of LECD CAT07)	30679	001 LEC, 09:30am-10:45am TTh, SBE 16; , 3 cr	28149	001 IND; Jones, Jennifer Elaine, 1-5 cr
31553	001 LEC, 10:00am-10:50am MWF, Cina 308; meets CD req of Cultural Diversity; Grover, Linda LeGarde, 3 cr	<b>4298</b>	<b>American Sign Language Skill Building Workshop</b> (A-F only; prereq 2002 or instr consent , no Grad School cr)	<b>4697</b>	<b>Anthropology Internship</b> (max crs 6; S-N only; prereq instr consent , no Grad School cr)
<b>4640</b>	<b>American Indians in the Movies</b> (A-F only; prereq 60 credits; No Grad School cr)	30792	001 LEC, 04:00pm-04:50pm M, Cina 106; , 1 cr	29199	001 IEX; Jones, Jennifer Elaine, 2-6 cr
30923	001 LEC, 02:00pm-03:15pm TTh, DAdB 16A; Grover, Linda LeGarde, 3 cr	<b>5110</b>	<b>Principles of Tribal Sovereignty I</b> (A-F; prereq graduate student or instr consent)	<b>4699</b>	<b>Honors Project</b> (max crs 4; A-F only; prereq 1604, instr consent ; no Grad School cr; meets HON req of Honors)
33265	001 LEC, 05:00pm-08:50pm F, Cina 214; Johnson, Tadd Mathew, 3 cr			28679	001 DRS; Jones, Jennifer Elaine, 2-4 cr

## AMERICAN SIGN LANGUAGE (ASL)

### College of Education & Human Service Professions

<b>2001</b>	<b>Beginning American Sign Language I</b> (A-F only; prereq Credit will not be granted if already received for CSD 2001.; meets LECD req of LECD CAT03)
29210	001 LEC, 09:00am-09:50am MWF, SBE 16; , 3 cr
29211	002 LEC, 10:00am-10:50am MWF, SBE 16; , 3 cr
30677	003 LEC, 01:00pm-01:50pm MWF, SBE 51; 1 seat reserved for Continuing Education; , 3 cr
30678	004 LEC, 02:00pm-02:50pm MWF, SBE 51; , 3 cr
28558	005 LEC, 03:30pm-04:45pm TTh, SBE 51; 1 seat reserved for Continuing Education; , 3 cr
28559	006 LEC, 11:00am-11:50am MWF, SBE 16; , 3 cr
30784	090 LEC, 06:00pm-08:40pm M, SBE 16; (Open CE Reserve seats will be available to UMD students 08/30/11.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; , 3 cr
30785	091 LEC, 06:00pm-08:40pm T, SBE 16; (Open CE Reserve seats will be available to UMD students 08/30/11.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; , 3 cr
<b>2002</b>	<b>Beginning American Sign Language II</b> (A-F only; prereq 2001 or instr consent ; credit will not be granted if already received for CSD 2002; meets LECD req of LECD CAT03)
31318	001 LEC, 02:00pm-03:15pm TTh, Room TBA, DULUTH; , 3 cr
31319	090 LEC, 06:00pm-08:40pm T, SBE 17; (Open CE Reserve seats will be available to UMD students 08/30/11.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; , 3 cr

## ANTHROPOLOGY (Anth) College of Liberal Arts

<b>1601</b>	<b>Freshman Seminar: Prehistoric Cultures</b> (Credit will not be granted if credit has been received for: ANTH 1602; A-F only; prereq Freshman, fewer than 30 cr; meets LEIP req of LEIP CAT07)
30180	001 SEM, 12:00pm-01:50pm TTh, Cina 214; Roufs, Tim, 4 cr
<b>1602</b>	<b>Prehistoric Cultures</b> (Credit will not be granted if credit has been received for: ANTH 1601; A-F only; meets LEIP req of LEIP CAT07)
28053	001 LEC, 09:00am-10:40am TTh, Chem 200; Kuhlke, Kari Lynne, 4 cr
29250	090 LEC, 05:30pm-09:00pm M, Cina 214; (Open CE reserved seats will be available to UMD students on 8/30/11.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Roufs, Tim, 4 cr
<b>1604</b>	<b>Cultural Anthropology</b> (A-F only; meets LEIP req of LEIP CAT06)
28054	001 LEC, 11:00am-12:50pm TTh, MonH 80; Syring PhD, David, 4 cr
<b>1612</b>	<b>Introduction to Archaeology</b> (A-F only; meets LE req of LE CAT6)
	001 LEC, 10:00am-11:50am MW, Cina 214; Jones, Jennifer Elaine
31368	002 LAB, 10:00am-11:50am T, Cina 214; Jones, Jennifer Elaine, 4 cr
31369	003 LAB, 10:00am-11:50am Th, Cina 214; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Jones, Jennifer Elaine, 4 cr
<b>3618</b>	<b>Ancient Middle America</b> (A-F only; prereq 1604, min 30 cr)
30339	001 LEC, 02:00pm-03:15pm TTh, Cina 214; Roufs, Tim, 3 cr
<b>3638</b>	<b>Peoples and Cultures of the Middle East</b> (A-F only; prereq 1604, min 30 cr or instr consent)
32083	001 LEC, 04:00pm-05:15pm MW, Cina 214; Jones, Jennifer Elaine, 3 cr

## ART (Art)

### School of Fine Arts

<b>902</b>	<b>Studio Art Portfolio Review</b> (S-N; prereq 15 cr in art courses, pre-studio art major or dept consent)
30565	001 STU; Repinski, Robert A, 0 cr
<b>903</b>	<b>Art Education Portfolio Review</b> (S-N only; prereq {repeatable one time}, 9 cr in art courses, pre-art ed major or dept consent)
29178	001 DIS; Dietrich, Jennifer Lee, 0 cr
<b>1001</b>	<b>Art Today</b> (A-F only; meets LEIP req of LEIP CAT09)
28315	001 LEC, 03:00pm-03:50pm MWF, BohH 90; (Open CE Reserve seats will be available to UMD students 08/31/10.); 4 seats reserved for Continuing Education; Wittig, Rob, 3 cr
<b>1002</b>	<b>Introduction to Art</b> (Credit will not be granted if credit has been received for: ART 1005; A-F only; prereq Not for art majors or minors except those in art history; meets LE req of LE CAT10)
28316	001 LEC, 02:00pm-03:40pm MW, ABAH 125; , 3 cr
28317	002 LEC, 04:00pm-05:40pm MW, ABAH 125; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; , 3 cr
30322	003 LEC, 02:00pm-03:40pm TTh, ABAH 125; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; , 3 cr
30804	004 LEC, 04:00pm-05:40pm TTh, ABAH 125; , 3 cr
31588	005 LEC, 06:00pm-09:40pm T, ABAH 125; , 3 cr
31589	006 LEC, 06:00pm-09:40pm W, ABAH 125; , 3 cr



<b>1010 Drawing I</b> (A-F only; prereq Art or art ed major or art minor or architecture and design minor or instr consent)	<b>2014 3-D Digital Studio I</b> (Credit will not be granted if credit has been received for: ART 1014; A-F only; prereq 1013 and art or art ed major, pre-art educ major or pre-graphic design major, or art minor or architecture and design studies minor or instr consent; credit will not be granted if already received for 1014 or 3014)	<b>2905 Design Technology I</b> (A-F only; prereq 1013 and graphic design major or pregrad art and tech major or arts in media minor or instr consent)
28325 001 LEC, 08:00am-09:55am MW, ABAH 325; , 3 cr	30798 001 LAB, 10:00am-11:55am MW, SSB 216; Suh, Eun-Kyung, 3 cr	28254 001 LAB, 12:00pm-01:55pm MW, VKH 131; Lehman, Victoria Dahlstrom, 3 cr
28326 002 LEC, 02:00pm-03:55pm MW, ABAH 325; , 3 cr		29063 002 LAB, 08:00am-09:55am TTh, VKH 131; Lehman, Victoria Dahlstrom, 3 cr
29085 003 LEC, 08:00am-09:55am TTh, ABAH 325; , 3 cr		29297 003 LAB, 10:00am-11:55am TTh, VKH 131; Lehman, Victoria Dahlstrom, 3 cr
29179 004 LEC, 10:00am-11:55am TTh, ABAH 325; , 3 cr	<b>2016 Digital Arts: Mixed-Media Studio</b> (max crs 6; A-F only; prereq 1013, art or art ed major, pre-art educ major or pre-graphic design major, or art or photography minor or instr consent; credit will not be granted if already received for 3016)	<b>2907 Typography I</b> (A-F only; prereq Graphic design major or digital arts and photography emphasis or instr consent.)
31379 005 LEC, 12:00pm-01:55pm TTh, ABAH 325; , 3 cr	28136 001 LEC, 10:00am-11:55am MW, Library 118; Rock, Joellyn Jean, 3 cr	29219 001 LEC, 10:00am-11:55am MW, KPlz 395; Bardolph, Steve, 3 cr
32201 006 LEC, 05:00pm-08:50pm T, ABAH 325; , 3 cr	29164 002 LEC, 12:00pm-01:55pm MW, Library 118; Rock, Joellyn Jean, 3 cr	29271 002 LEC, 02:00pm-03:55pm MW, KPlz 395; Koch, Beth E, 3 cr
<b>1011 2-D Design</b> (A-F only; prereq Art or art ed major or art minor or instr consent)	<b>2030 Digital Arts: Time-based Media</b> (max crs 6; A-F only; prereq 1013, 2016, art or art ed major, pre-art educ major or pre-graphic design major, or art minor or instr consent; credit will not be granted if already received for 3030)	29298 003 LEC, 12:00pm-01:55pm TTh, KPlz 395; Bardolph, Steve, 3 cr
28327 001 LEC, 10:00am-11:55am MW, ABAH 125; , 3 cr	30791 001 LEC, 02:00pm-03:55pm MW, Library 118; Hunt, Betsy Janelle, 3 cr	30789 004 LEC, 02:00pm-03:55pm TTh, KPlz 395; Bardolph, Steve, 3 cr
28328 002 LEC, 12:00pm-01:55pm MW, ABAH 125; , 3 cr	32248 002 LEC, 12:00pm-01:55pm TTh, Library 118; Hunt, Betsy Janelle, 3 cr	<b>2911 Graphic Design I</b> (A-F only; prereq 2905, 2907, graphic design major or instr consent)
28329 003 LEC, 08:00am-09:55am TTh, ABAH 125; , 3 cr	<b>2100 Painting I</b> (A-F only; prereq 1006 or 1009 or 1010, 1011, art or art ed major or art minor or instr consent; credit will not be granted if already received for 1100)	31392 @500 LEC, instruction mode: Distance Education Other; Meets with: 31393 ART 3922; Edel, Miranda Elizabeth, 3 cr
28330 004 LEC, 10:00am-11:55am TTh, ABAH 125; , 3 cr	28166 001 LEC, 10:00am-11:55am TTh, H 318; Christine, Jayme, 3 cr	<b>3031 Digital Arts: Installation and Collaborative Media</b> (max crs 6; A-F only; prereq 2030, art or art ed major, pre-art educ major or pre-graphic design major, or art minor or instr consent; credit will not be granted if already received for 5030)
30100 005 LEC, 12:00pm-01:55pm TTh, ABAH 125; , 3 cr	29247 002 LEC, 02:00pm-03:55pm TTh, H 318; Christine, Jayme, 3 cr	30794 001 LEC, 06:00pm-07:55pm MW, Library 118; Hunt, Betsy Janelle, 3 cr
<b>1012 3-D Design</b> (Credit will not be granted if credit has been received for: ART 1015; A-F only; prereq Art or art ed major or architecture and design studies minor or instr consent)	<b>2200 Sculpture I</b> (A-F only; prereq 1015 or 1012, art or art ed major or art minor or instr consent; credit will not be granted if already received for 1200)	<b>3100 Painting II</b> (max crs 9; 3 repeats allowed; A-F only; prereq 2100, art or art ed major, pre-art educ major or pre-graphic design major, or art minor or instr consent; max 9 cr)
28145 001 LEC, 08:00am-09:55am MW, ABAH 135; Suh, Eun-Kyung, 3 cr	28143 001 LEC, 08:00am-09:55am TTh, ABAH 145; Bowen, David W, 3 cr	28168 001 LEC, 10:00am-11:55am MW, H 318; Meets with: 29643 ART 4100; Dietrich, Jennifer Lee, 3 cr
29811 002 LEC, 10:00am-11:55am MW, ABAH 135; Bowen, David W, 3 cr	<b>2300 Printmaking I: Intaglio, Relief</b> (Credit will not be granted if credit has been received for: ART 2302; A-F only; prereq 1006 or 1009 or 1010, 1011, art or art ed major or art minor or instr consent)	<b>3200 Sculpture II</b> (max crs 6; A-F only; prereq 2200, art or art ed major or art minor or instr consent)
29900 003 LEC, 02:00pm-03:55pm MW, ABAH 135; Suh, Eun-Kyung, 3 cr	29628 001 LEC, 10:00am-11:55am TTh, H 332; Repinski, Robert A, 3 cr	30337 001 LEC, 02:00pm-03:55pm MW, ABAH 145; Meets with: 30338 ART 4200; Bowen, David W, 3 cr
30787 004 LEC, 10:00am-11:55am TTh, ABAH 135; James, Elizabeth J, 3 cr	<b>2400 Ceramics I</b> (A-F only; prereq 1012, art or art ed major or art minor or instr consent; credit will not be granted if already received for 1400)	<b>3400 Ceramics II</b> (max crs 6; A-F only; 2400 or instr consent; 2400 or instr consent)
<b>1013 2-D Digital Design</b> (A-F only; prereq Art or art ed major or art minor or photography minor or architecture and design studies minor or communication arts or arts in media minor or instr consent)	28157 001 LEC, 12:00pm-01:55pm TTh, ABAH 155; James, Elizabeth J, 3 cr	28159 001 LEC, 02:00pm-03:55pm TTh, ABAH 155; Meets with: 28160 ART 4400; Klueg, James, 3 cr
28312 001 LEC, 10:00am-11:55am MW, VKH 131; Pless, Kristen Marie, 3 cr	<b>2500 Jewelry and Metals I</b> (A-F only; prereq 1011 or 1013, art or art ed major or art minor or instr consent; credit will not be granted if already received for 1500)	<b>3425 Ceramics II Wheel Throwing</b> (A-F only; prereq 2400, art or art ed major or art minor or instr consent)
28313 002 LEC, 02:00pm-03:55pm MW, VKH 131; Pless, Kristen Marie, 3 cr	31365 090 LEC, 06:00pm-09:50pm W, ABAH 135; (Open CE Reserve seats will be available to UMD students 08/30/11.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Meets with: 31738 ART 3500; Suh, Eun-Kyung, 3 cr	29827 001 LEC, 02:00pm-03:55pm MW, ABAH 155; James, Elizabeth J, 3 cr
28314 003 LEC, 04:00pm-05:55pm MW, VKH 131; , 3 cr	<b>2600 Photography I</b> (Credit will not be granted if credit has been received for: ART 1605, ART 1600, ART 1607; A-F only; prereq 1013, Art major or Art or Photography Minor or instr consent)	<b>3500 Jewelry and Metals II</b> (max crs 6; A-F only; prereq 2500, art or art ed major or art minor or instr consent)
29958 004 LEC, 12:00pm-01:55pm TTh, VKH 131; , 3 cr	28320 001 LEC, 10:00am-11:55am MW, Cina 16; pearcy, wanda j., 3 cr	31738 090 LEC, 06:00pm-09:50pm W, ABAH 135; Meets with: 31365 ART 2500; Suh, Eun-Kyung, 3 cr
29960 005 LEC, 02:00pm-03:55pm TTh, VKH 131; , 3 cr	29826 002 LEC, 12:00pm-01:55pm TTh, Cina 16; Pless, Kristen Marie, 3 cr	<b>3600 Photography: Alternative Processes</b> (A-F only; prereq 1013, 1607 or 2600, Art major or Art or Photography minor or instr consent)
30101 006 LEC, 04:00pm-05:55pm TTh, VKH 131; , 3 cr	<b>2810 Art in Elementary Education</b> (A-F only; prereq pre-El Ed major; meets LE req of LE CAT10)	28321 001 LEC, 02:00pm-03:55pm TTh, Cina 16; pearcy, wanda j., 3 cr
<b>1605 Fundamentals of Photography</b> (Credit will not be granted if credit has been received for: ART 2600, ART 1600, ART 1607; A-F only; prereq Not for art majors or minors; meets LE req of LE CAT10)	31337 001 STU, 10:00am-11:55am MW, H 331; , 3 cr	31282 002 LEC, 04:00pm-05:55pm TTh, Cina 16; pearcy, wanda j., 3 cr
28331 090 LEC, 06:00pm-09:50pm M, Cina 16; (Open CE reserved seats will be available to UMD students on 8/30/11.); 2 seats reserved for Continuing Education; Brush, Gloria DeFilipps, 3 cr	31338 002 STU, 10:00am-11:55am TTh, H 331; Aune, Alison Judith, 3 cr	<b>3700 Drawing II</b> (max crs 6; A-F only; prereq 1006 or 1009 or 1010, art or art ed major, pre-art educ major or pre-graphic design major, or art minor or instr consent)
<b>1607 Freshman Seminar: Fundamentals of Photography</b> (Credit will not be granted if credit has been received for: ART 2600, ART 1605, ART 1600; A-F only; prereq Freshman, fewer than 30 cr; meets LE req of LE CAT10)	31339 003 STU, 12:00pm-01:55pm TTh, H 331; Aune, Alison Judith, 3 cr	30790 001 LEC, 10:00am-11:55am MW, ABAH 325; Christine, Jayme, 3 cr
29068 001 SEM, 08:00am-09:55am TTh, Cina 16; Pless, Kristen Marie, 3 cr		30805 002 LEC, 12:00pm-01:55pm MW, ABAH 325; Christine, Jayme, 3 cr
<b>1900 Visual Literacy</b> (A-F only; prereq Credit will not be granted if already received for 2900; meets LE req of LE CAT9)		
30788 090 LEC, 06:00pm-08:30pm Th, H 314; (Open CE Reserve seats will be available to UMD students 08/30/11.); 9 seats reserved for Continuing Education; Klueg, James, 3 cr		

<b>3814 Digital Methods in Art Education</b> (A-F only; prereq Art education major or instr consent)	30782 003 SEM, 02:00pm-03:15pm TTh, ABAH 345; Dietrich, Jennifer Lee, 3 cr	<b>8903 Art Teaching Practicum</b> (max crs 4; 4 repeats allowed; A-F only; prereq Grad tchg asst or instructor consent)
30473 001 LAB, 04:00pm-05:55pm TTh, Library 118; Hunt, Betsy Janelle, 3 cr	31707 004 SEM, 05:00pm-07:30pm W, Cina 16; Brush, Gloria DeFilipps, 3 cr	29830 001 SEM; , 1 cr
<b>3815 Art in Secondary Education</b> (A-F only; prereq 3811, art ed majors only or instr consent)	<b>4813 Senior Seminar II: Studio Practice</b> (A-F only; prereq 4812, Sr or instr consent, studio art-general major; no Grad School cr)	<b>8980 Graduate Studio</b> (max crs 16; 4 repeats allowed; A-F only; prereq Concurrent registration is required (or allowed) in 8901; Grad student)
30772 001 LEC, 12:00pm-01:55pm MW, H 331; , 3 cr	30613 001 LEC, 02:00pm-03:15pm MW, ABAH 345; Dietrich, Jennifer Lee, 3 cr	28717 001 STU; Koch, Beth E, 4 cr
<b>3922 Graphic Design II</b> (A-F only; prereq 2911, graphic design major or instr consent)	<b>4899 Senior Presentation/Exhibition</b> (A-F only; prereq Sr art major, instr consent; no Grad School cr)	<b>ART HISTORY (ArtH) School of Fine Arts</b>
31283 001 LEC, 12:00pm-01:55pm MW, ABAH 335; Wittig, Rob, 3 cr	28335 001 STU; Klueg, James, 1 cr	<b>1303 History of World Art I</b> (A-F only; meets LE req of LE CAT9)
30017 002 LEC, 02:00pm-03:55pm MW, ABAH 335; Kmetz, Janice D, 3 cr	<b>4903 Art Education Student Teaching Seminar</b> (A-F only; prereq Art ed major and Concurrent registration is required (or allowed) in Educ 4500, EdSe 4600, EEd 4650; no Grad School cr)	29301 001 LEC, 02:00pm-03:15pm TTh, SCC 120; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Webb, Jennifer, 3 cr
31284 003 LEC, 10:00am-11:55am TTh, ABAH 335; Kmetz, Janice D, 3 cr	29079 001 LEC, 04:00pm-04:50pm Th, H 331; Aune, Alison Judith, 1 cr	<b>1400 Freshman Seminar: Honors: Paris in the Age of Impressionism</b> (A-F only; prereq Freshman, fewer than 30 cr, honors student; meets HON req of Honors; meets LE req of LE CAT9)
31393 @500 LEC, instruction mode: Distance Education Other; Meets with: 31392 ART 2911; Edel, Miranda Elizabeth, 3 cr	<b>4907 Motion Graphics</b> (A-F only; prereq 2911 and graphic design major, or digital art and photography emphasis or Grad Student, or instr consent; credit will not be granted if already received for 5907)	31967 001 SEM, 12:00pm-01:15pm MW, ABAH 345; Roslak, Robyn, 3 cr
<b>4100 Painting III</b> (max crs 9; 3 repeats allowed; A-F only; prereq 3100, art or art ed major or art minor or instr consent; no Grad School cr)	28309 001 LEC, 08:00am-09:55am W, Library 119; Gordon, Jennifer Ann, 3 cr	<b>2390 American Art of the 20th Century</b> (A-F only; meets LECD req of LECD CAT09)
29643 001 LEC, 10:00am-11:55am MW, H 318; Meets with: 28168 ART 3100; Dietrich, Jennifer Lee, 3 cr	29165 002 LEC, 12:00pm-01:55pm TTh, Library 119; Gordon, Jennifer Ann, 3 cr	28153 001 LEC, 09:00am-09:50am MWF, H 314; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Roslak, Robyn, 3 cr
<b>4200 Sculpture III</b> (max crs 9; 3 repeats allowed; A-F only; prereq 3200, art or art ed major or art minor or instr consent; no Grad School cr)	30019 003 LEC, 04:00pm-05:55pm TTh, Library 119; Gordon, Jennifer Ann, 3 cr	<b>2815 Women Artists in History</b> (A-F only; meets LECD req of LECD CAT09)
30338 001 LEC, 02:00pm-03:55pm MW, ABAH 145; Meets with: 30337 ART 3200; Bowen, David W, 3 cr	<b>4909 Interactive Design II</b> (max crs 6; A-F only; prereq 4908, graphic design major, or digital art and photography emphasis or Grad Student, or instr consent; credit will not be granted if already received for 5910)	31380 090 LEC, 06:00pm-08:30pm T, ABAH 345; (Open CE Reserve seats will be available to UMD students 08/30/11.); 4 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Aune, Alison Judith, 3 cr
<b>4291 Individual Study in Sculpture</b> (max crs 9; 9 repeats allowed; A-F only; prereq 2 sem sculpture, instr consent; no Grad School cr)	32253 001 LAB, 10:00am-11:55am TTh, Library 118; Waisman, Mariana Marta, 3 cr	<b>3361 European Art: Impressionism and Post-Impressionism</b> (A-F only)
28150 001 IND; Bowen, David W, 1-3 cr	32254 002 LAB, 02:00pm-03:55pm TTh, Library 119; Waisman, Mariana Marta, 3 cr	31968 001 LEC, 10:00am-10:50am MWF, ABAH 345; Roslak, Robyn, 3 cr
<b>4391 Individual Study in Printmaking</b> (max crs 9; 9 repeats allowed; A-F only; prereq 3300, dept consent)	32255 500 LAB; Edel, Miranda Elizabeth, 3 cr	<b>4330 Florence and the Courts: History of Art &amp; Architecture in Fifteenth-century Italy</b> (A-F only; prereq Art History major or instr consent; no grad school credit)
31895 001 IND; Repinski, Robert A, 1-3 cr	<b>4922 Senior Design Studio I</b> (Credit will not be granted if credit has been received for: ART 4893; max crs 6; A-F only; prereq 3933 or instr consent, no Grad School cr)	31969 001 SEM, 09:30am-10:45am TTh, ABAH 345; Webb, Jennifer, 3 cr
<b>4400 Ceramics III</b> (max crs 6; A-F only; prereq 3400, art or art ed major or art minor or instr consent; no Grad School cr)	29220 001 SEM, 10:00am-11:55am MW, ABAH 335; Lehman, Victoria Dahlstrom, 3 cr	<b>4999 Senior Paper Art History</b> (A-F only; prereq Major in ArtH with 90 cr, instr consent, no Grad School cr)
28160 001 LEC, 02:00pm-03:55pm TTh, ABAH 155; Meets with: 28159 ART 3400; Klueg, James, 3 cr	29300 002 SEM, 05:00pm-08:50pm W, ABAH 335; Gordon, Jennifer Ann, 3 cr	29302 001 DRS; Roslak, Robyn, 1 cr
<b>4491 Individual Study in Ceramics</b> (max crs 9; 9 repeats allowed; A-F only; prereq 2 sem ceramics, dept consent)	30480 003 SEM, 12:00pm-01:55pm TTh, ABAH 335; Kmetz, Janice D, 3 cr	30852 002 DRS; Webb, Jennifer, 1 cr
28344 001 IND; Klueg, James, 1-3 cr	<b>4933 Senior Design Studio II</b> (max crs 6; A-F only; prereq 4922 or instr consent, no Grad School cr)	<b>ASTRONOMY (Ast) Swenson College of Science &amp; Engineering</b>
30720 002 IND; James, Elizabeth J, 1-3 cr	30614 001 SEM, 02:00pm-03:55pm TTh, ABAH 335; Wittig, Rob, 3 cr	<b>1040 Introductory Astronomy</b> (A-F only; meets LE req of LE CAT5)
<b>4600 Photography: Digital Portfolio</b> (max crs 9; 3 repeats allowed; A-F only; prereq 1900, 1607 or 2600, art major or art or photography minor or instr consent)	<b>5991 Independent Study in Graphic Design</b> (max crs 9; 9 repeats allowed; A-F only; prereq 2 sem work in graphic design and graphic design major and instr consent)	28452 001 LEC, 12:00pm-12:50pm MWF, LSci 185; 1 hour recitation, first three weeks by arrangement (Open CE Reserve seats will be available to UMD students 08/31/10.); 5 seats reserved for Continuing Education; Hartley, Susan R, 3 cr
28322 001 LEC, 02:00pm-03:55pm MW, Cina 16; Brush, Gloria DeFilipps, 3 cr	28698 001 IND; Kmetz, Janice D, 1-3 cr	28764 090 LEC, 06:00pm-08:50pm M, LSci 175; (Open CE Reserve seats will be available to UMD students 08/30/11.); 36 seats reserved for Continuing Education; Hartley, Susan R, 3 cr
<b>4650 Photography IV: Alternative Processes Portfolio</b> (max crs 6; A-F; prereq 4600, art or art ed major or art or photography minor or instr consent)	29299 002 IND; Waisman, Mariana Marta, 1-3 cr	28898 350 LEC; (Online Instruction. Students must register by 9/6/11 and complete all requirements by 12/16/11. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course.</a> Open CE reserved seats will be available to UMD students on August 30, 2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Mooers, Howard D, 3 cr
30318 001 STU, 10:00am-11:55am TTh, Cina 16; pearcy, wanda j, 3 cr	30689 003 IND; Bardolph, Steve, 1-3 cr	
<b>4691 Individual Study in Photography</b> (max crs 9; 9 repeats allowed; A-F only; prereq 2 semesters of photography, dept consent)	30807 004 IND; Koch, Beth E, 1-3 cr	
28343 001 IND; Brush, Gloria DeFilipps, 1-3 cr	<b>5997 Art Museum Internship</b> (max crs 12; 4 repeats allowed; A-F only; prereq 1001, 6 cr ArtH; 1 cr for each 45 hrs of work; no Grad School cr, instr consent)	
<b>4700 Drawing III</b> (max crs 6; A-F only; prereq 3700, art or art ed major or art minor or instr consent)	29630 001 IEX; Hudec, Susan Marie; Spooner, Peter F, 1-3 cr	
30797 001 LEC, 02:00pm-03:55pm TTh, ABAH 325; Repinski, Robert A, 3 cr	<b>5999 Special Projects in Design</b> (max crs 6; A-F only; prereq Graphic design major or Grad Student; instr consent)	
<b>4812 Senior Seminar</b> (A-F only; prereq Sr or instr consent; no Grad School cr)	31743 001 STU; Kmetz, Janice D, 3 cr	
29424 001 SEM, 12:00pm-01:15pm MW, Cina 16; Brush, Gloria DeFilipps, 3 cr	31744 002 STU; Waisman, Mariana Marta, 3 cr	
29583 002 SEM, 12:00pm-01:15pm TTh, ABAH 345; Dietrich, Jennifer Lee, 3 cr	31745 003 STU; Bardolph, Steve, 3 cr	
	31746 004 STU; Koch, Beth E, 3 cr	
	<b>8901 Graduate Seminar</b> (max crs 16; 4 repeats allowed; A-F only; prereq Concurrent registration is required (or allowed) for 8980)	
	28716 001 SEM; Koch, Beth E, 4 cr	

**BEHAVIORAL SCIENCES (BhSc)****Duluth School of Medicine**

- 5491 Problems in Medical Behavioral Sciences**  
(max crs 6; A-F only; prereq Med or upper div or Grad Student, instr consent; max 6 cr to Grad School program)  
28660 001 IND; Hovland PhD, LP, Jane, 1-6 cr
- 6200 Behavioral Medicine**  
(P-N; prereq Regis med student)  
29785 001 LEC; al'Absi, Mustafa N, 1 cr

**BIOCHEMISTRY AND MOLECULAR BIOLOGY (MdBc)****Duluth School of Medicine**

- 3194 Biochemistry Undergraduate Research**  
(max crs 3; S-N only; prereq instr consent)  
31580 001 DRS, 07/30/11-06/01/12; Prohaska, Joseph R; Drewes, Lester R, 1-3 cr
- 5201 Topics in Biochemistry**  
(A-F only; prereq Chem 3322 or Chem 4341 or instr consent)  
29285 001 LEC; Prohaska, Joseph R; Drewes, Lester R, 3 cr
- 8151 Biochemistry Seminar**  
(max crs 4; 4 repeats allowed; S-N only; prereq Biochem or Chem Graduate Student or instr consent)  
29670 001 SEM, 04:00pm-05:00pm Th, Room TBA; Drewes, Lester R; Skildum, Andrew John, 1 cr
- 8294 Current Research Techniques**  
(max crs 4; 4 repeats allowed; S-N only; prereq Biochem or Chem Graduate Student or instr consent)  
28653 001 DRS; Drewes, Lester R, 1-3 cr
- 8333 FTE: Master's**  
(NGA; prereq Masters student, adviser and DGS consent)  
28946 001 DRS; Drewes, Lester R, 1 cr
- 8444 FTE: Doctoral**  
(NGA; prereq Doctoral student, adviser and DGS consent)  
28955 001 DRS; Drewes, Lester R, 1 cr
- 8666 Doctoral Pre-Thesis Credits**  
(max crs 12; NGA; prereq Max 6 cr per semester or summer; doctoral student who has not passed prelim oral; no required consent for the first two registrations up to 12 cr; departmental consent for the third and fourth registrations up to an additional 12 cr, or 24 cr total (for doctoral students admitted summer 2007 and beyond; doctoral students admitted prior to summer 2007 may register up to 4 times totaling 60 cr))  
28964 001 THE; Drewes, Lester R, 1-6 cr
- 8777 Thesis Credits: Master's**  
(max crs 50; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 10 cr total required (Plan A only))  
28982 001 THE; Drewes, Lester R, 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)  
28992 001 THE; Drewes, Lester R, 1-24 cr

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

- 1001 Biology and Society**  
(A-F only; prereq For nonmajors; meets LE req of LE CAT4)  
001 LEC, 02:00pm-02:50pm MWF, Chem 200; Hedman, Stephen C  
28380 002 LAB, 09:00am-10:50am T, LSci 354, 4 cr  
28381 003 LAB, 11:00am-12:50pm T, LSci 354, 4 cr  
28382 004 LAB, 02:00pm-03:50pm T, LSci 354;  
(Open CE Reserve seats will be available to UMD students 08/31/11.); 3 seats reserved for Continuing Education, 4 cr  
28383 005 LAB, 11:00am-12:50pm W, LSci 354, 4 cr  
28384 006 LAB, 09:00am-10:50am W, LSci 354, 4 cr

- 28385 007 LAB, 09:00am-10:50am Th, LSci 354, 4 cr  
29204 008 LAB, 11:00am-12:50pm Th, LSci 354, 4 cr  
29205 009 LAB, 02:00pm-03:50pm Th, LSci 354;  
(Open CE Reserve seats will be available to UMD students 08/31/11.); 3 seats reserved for Continuing Education, 4 cr  
31845 010 LAB, 03:00pm-04:50pm W, LSci 354, 4 cr  
31846 011 LAB, 09:00am-10:50am F, LSci 354, 4 cr

- 1011 General Biology I**  
(A-F only; prereq 1 yr high school Chem or 1 sem college Chem, SCSE student, or student in exercise science or athletic training or teaching life science or teaching earth and space science or teaching physical science or environmental studies or recreation-outdoor education or B.A. majors in biology or chemistry or geology; meets LE req of LE CAT4)  
001 LEC, 08:00am-08:50am MWF, BohH 90; Stevenson, Shannon Lea  
002 DIS, 04:00pm-04:50pm W, SSB 115  
28367 003 LAB, 03:00pm-05:15pm M, SSB 113, 5 cr  
004 DIS, 06:00pm-06:50pm W, SSB 115  
28369 005 LAB, 06:00pm-08:15pm M, SSB 113, 5 cr  
006 DIS, 09:00am-09:50am Th, SSB 115  
28371 007 LAB, 08:30am-10:45am T, SSB 113, 5 cr  
008 DIS, 08:00am-08:50am T, SSB 115  
28373 009 LAB, 08:00am-10:15am Th, SSB 113;  
(Open CE Reserve seats will be available to UMD students 08/31/11.); 2 seats reserved for Continuing Education, 5 cr  
010 DIS, 10:00am-10:50am T, SSB 115  
30569 011 LAB, 10:30am-12:45pm Th, SSB 113;  
OPEN TO NON-SCIENCE STUDENTS, 5 cr  
012 DIS, 01:00pm-01:50pm T, SSB 115  
28376 013 LAB, 01:00pm-03:15pm Th, SSB 113, 5 cr  
014 DIS, 04:00pm-04:50pm T, SSB 115  
28378 015 LAB, 03:30pm-05:45pm Th, SSB 113, 5 cr  
016 DIS, 05:00pm-05:50pm T, SSB 115  
29283 017 LAB, 06:00pm-08:15pm Th, SSB 113, 5 cr  
020 LEC, 11:00am-11:50am MWF, Chem 200; Belk, Colleen M  
022 DIS, 02:00pm-02:50pm Th, SSB 115

- 30571 023 LAB, 12:00pm-02:15pm T, SSB 113, 5 cr  
024 DIS, 04:00pm-04:50pm Th, SSB 115  
30572 025 LAB, 02:30pm-04:45pm T, SSB 113, 5 cr  
026 DIS, 06:00pm-06:50pm Th, SSB 115  
30573 027 LAB, 06:00pm-08:15pm T, SSB 113, 5 cr  
028 DIS, 09:00am-09:50am F, SSB 115  
30574 029 LAB, 08:00am-10:15am W, SSB 113, 5 cr  
030 DIS, 12:00pm-12:50pm F, SSB 115  
30575 031 LAB, 12:00pm-02:15pm W, SSB 113, 5 cr  
032 DIS, 04:00pm-04:50pm M, SSB 115  
30576 033 LAB, 02:30pm-04:45pm W, SSB 113, 5 cr  
034 DIS, 06:00pm-06:50pm M, SSB 115  
30873 035 LAB, 06:00pm-08:15pm W, SSB 113, 5 cr  
036 DIS, 09:00am-09:50am M, SSB 113  
30875 037 LAB, 08:30am-10:45am F, SSB 113;  
OPEN TO NON-SCIENCE STUDENTS, 5 cr  
038 DIS, 12:00pm-12:50pm W, SSB 115  
30877 039 LAB, 12:00pm-02:15pm F, SSB 113;  
(Open CE Reserve seats will be available to UMD students 08/31/11.); 2 seats reserved for Continuing Education, 5 cr

- 1012 General Biology II**  
(A-F only; prereq 1011)  
001 LEC, 09:00am-09:50am MWF, Chem 200; Bates, Paul W; Shannon, Lyle John  
002 DIS, 10:00am-10:50am Th, SSB 115  
29023 003 LAB, 09:00am-11:15am T, SSB 109, 5 cr  
004 DIS, 01:00pm-01:50pm Th, SSB 115  
29310 005 LAB, 12:00pm-02:15pm T, SSB 109, 5 cr  
006 DIS, 03:00pm-03:50pm Th, SSB 115  
29026 007 LAB, 02:30pm-04:45pm T, SSB 109, 5 cr  
008 DIS, 05:00pm-05:50pm Th, SSB 115  
29311 009 LAB, 06:00pm-08:15pm T, SSB 109, 5 cr  
010 DIS, 10:00am-10:50am F, SSB 115  
29312 011 LAB, 10:00am-12:15pm W, SSB 109, 5 cr  
014 DIS, 05:00pm-05:50pm M, SSB 115  
30551 015 LAB, 06:00pm-08:15pm W, SSB 109, 5 cr  
016 DIS, 09:00am-09:50am T, SSB 115  
30553 017 LAB, 08:00am-10:15am Th, SSB 109, 5 cr  
018 DIS, 11:00am-11:50am T, SSB 115  
30555 019 LAB, 10:30am-12:45pm Th, SSB 109, 5 cr  
022 DIS, 03:00pm-03:50pm T, SSB 115  
30559 023 LAB, 03:30pm-05:45pm Th, SSB 109, 5 cr

- 2101 Cell Biology**  
(A-F only; prereq 1011, 1012, (Chem 1152 or Chem 1162), (Chem 2521 or Chem 2541), (2102 can be taken concurrently or in a later semester))  
30185 001 LEC, 09:00am-09:50am MWF, LSci 185; Stevenson, Shannon Lea, 3 cr
- 2102 Cell Biology Laboratory**  
(A-F only; prereq 1011, 1012, (2101 or Concurrent registration is required (or allowed) in 2101), (Chem 2521 or Chem 2541) or instr consent)  
30211 001 LAB, 09:00am-12:50pm T, SSB 103, 2 cr  
30578 003 LAB, 05:00pm-08:50pm T, SSB 103, 2 cr  
30579 004 LAB, 01:00pm-04:50pm T, SSB 103, 2 cr
- 2201 Genetics**  
(A-F only; prereq 1012)  
28387 001 LEC, 09:00am-09:50am MWF, LSci 175; Hedman, Stephen C, 3 cr
- 2202 Genetics Laboratory**  
(A-F; prereq 1011, 2201 (concurrent registration is allowed for 2201))  
30196 002 LAB, 01:00pm-04:50pm T, SSB 212, 2 cr  
30197 003 LAB, 05:00pm-08:50pm T, SSB 212, 2 cr  
30582 005 LAB, 09:00am-12:50pm T, SSB 212, 2 cr
- 2769 Human Anatomy**  
(A-F only; prereq 1011, 1012; credit will not be granted if already received for 1761)  
001 LEC, 02:00pm-03:15pm TTh, MonH 80; Shannon, Lyle John  
28346 002 LAB, 10:00am-11:30am MW, LSci 326, 4 cr  
28347 003 LAB, 01:00pm-02:30pm MW, LSci 326, 4 cr  
28348 004 LAB, 09:00am-10:30am TTh, LSci 326; Shannon, Lyle John, 4 cr  
28349 005 LAB, 12:00pm-01:30pm TTh, LSci 326, 4 cr  
30588 006 LAB, 03:30pm-05:00pm MW, LSci 326, 4 cr
- 2801 General Ecology**  
(A-F only; prereq 1012 or instr consent)  
28388 001 LEC, 03:00pm-04:15pm MW, LSci 185; Schimpf, David J, 3 cr
- 2802 Ecology Laboratory**  
(A-F only; prereq Concurrent registration is required (or allowed) in 2801)  
28390 001 LAB, 08:00am-11:50am T, LSci 328, 2 cr  
28391 002 LAB, 01:30pm-05:20pm T, LSci 328, 2 cr  
28392 003 LAB, 08:00am-11:50am W, LSci 328, 2 cr  
28393 004 LAB, 01:00pm-04:50pm W, LSci 328, 2 cr  
28394 005 LAB, 08:00am-11:50am Th, LSci 328, 2 cr  
28395 006 LAB, 01:30pm-05:20pm Th, LSci 328, 2 cr  
28396 007 LAB, 08:00am-11:50am F, LSci 328, 2 cr
- 3601 Plant Diversity**  
(A-F only; prereq 1012)  
001 LEC, 08:00am-08:50am MW, SSB 115; Etterson, Julie R.  
30198 002 LAB, 09:00am-11:50am W, LSci 306; Etterson, Julie R., 3 cr  
30199 003 LAB, 02:00pm-04:50pm W, LSci 306, 3 cr
- 3703 Animal Physiology**  
(A-F only; prereq 1011, 1012, one semester college chemistry)  
001 LEC, 11:00am-11:50am MW, LSci 185; Mensinger, Allen  
29099 002 LAB, 12:30pm-03:20pm W, SSB 105, 3 cr  
29207 003 LAB, 04:00pm-06:50pm W, SSB 105, 3 cr  
29426 004 LAB, 09:00am-11:50am Th, SSB 105, 3 cr  
29675 005 LAB, 02:00pm-04:50pm Th, SSB 105, 3 cr
- 3987 Biology Seminar**  
(A-F; prereq Min 90 cr, Biol or Cell Concurrent registration is required (or allowed) in Molecular Biol major; credit will not be granted if already received for 3997 AND 3998)  
30881 001 SEM, 10:00am-10:50am MW, SSB 115; Class meets 3-4:15 on Fridays for required Biology Seminar in LSci 185.; Branstrator, Donn K, 1 cr  
30882 002 SEM, 11:00am-11:50am MW, SSB 115; Class meets 3-4:15 on Fridays for required Biology Seminar in LSci 185.; Bates, Paul W, 1 cr  
30883 003 SEM, 12:00pm-12:50pm TTh, SSB 115; Class meets 3-4:15 on Fridays for required Biology Seminar in LSci 185.; Hrabik, Thomas R, 1 cr



- 30884 004 SEM, 01:00pm-01:50pm MW, SSB 115; Class meets 3-4:15 on Fridays for required Biology Seminar in LSci 185.; Branstrator, Donn K, 1 cr
- 30885 005 SEM, 02:00pm-02:50pm MW, SSB 115; Class meets 3-4:15 on Fridays for required Biology Seminar in LSci 185.; Hrabik, Thomas R, 1 cr
- 3993 Laboratory Teaching Experience**  
(max crs 2; S-N only; prereq instr consent, biol or cell biol major, 90 cr incl 25 cr Biol; max 2 cr may be applied toward Biol major)
- 28386 001 LAB, 1-2 cr
- 3994 Undergraduate Research**  
(max crs 6; 6 repeats allowed; S-N only; prereq 1012, 60 cr, instr consent; max 4 cr may be applied to biol or cell biol major or biol minor as upper div elective)
- 28398 001 DRS, 1-3 cr
- 3996 Internship in Biology**  
(max crs 2; S-N only; prereq 1012, instr consent; max 1 cr may be applied to biol or cell biol major)
- 28397 001 IEX, 1-2 cr
- 4603 Plant Physiology**  
(A-F only; prereq 2101, one year of college chem, or Biol or IBS Grad School student)
- 30279 001 LEC, 02:00pm-02:50pm MWF, ABAH 235; Bates, Paul W, 3 cr
- 4764 Mammalogy**  
(A-F only; prereq 2801 or instr consent, or Biol or IBS Grad School student)
- 001 LEC, 01:00pm-01:50pm MW, H 314; Moen, Ron
- 30326 002 LAB, 02:00pm-04:50pm M, LSci 330; Moen, Ron, 3 cr
- 30583 004 LAB, 02:00pm-04:50pm W, LSci 330, 3 cr
- 4802 Evolution**  
(A-F only; prereq 1012, 2201 or instr consent, or Biol or IBS Grad School student; credit will not be granted if already received for 4801)
- 29088 001 LEC, 02:00pm-03:15pm TTh, LSci 175; Craig, Timothy Paul, 3 cr
- 5603 Plant Physiology Laboratory**  
(A-F only; prereq 2101, one year of college chemistry, prior or concurrent enrollment in 4603 or instr consent, or Biol or IBS Grad School student)
- 30286 001 LAB, 01:00pm-01:50pm T, LSci 340, 01:00pm-03:50pm Th, LSci 340; Bates, Paul W, 2 cr
- 5805 Fisheries Ecology**  
(A-F only; prereq 2801, 2802, college-level course in statistics or Biol or IBS Grad School student)
- 29732 001 LEC, 09:00am-09:50am MW, SSB 207A, 12:00pm-01:50pm W, SSB 216; Hrabik, Thomas R, 3 cr
- 5808 Landscape Ecology: Theory and Application**  
(A-F only; prereq 2801, 2802 or Biol or IBS Grad School student)
- 29977 001 LEC, 08:00am-09:50am TTh, Chem 153; Requesting computer lab (SSB 216); Host PhD, George Edward, 3 cr
- 5863 Ecosystems Ecology**  
(A-F only; prereq 2801 or instr consent, or Biol or IBS Grad School student)
- 30208 001 LEC, 09:30am-10:45am TTh, SBE 36; Pastor, John Joseph, 3 cr
- 5870 Wetland Ecology**  
(A-F only; prereq 2801, 2802 or Biol or IBS Grad School student)
- 30209 001 LEC, 02:00pm-03:15pm TTh, SSB 202; Two all-day Saturday field trips (dates TBD by instructors and students) also accompany this course.; Brady, Valerie J., 3 cr

### BUSINESS LAW (BLaw) Labovitz School of Business & Economics

- 2001 The Legal Environment**  
(A-F; prereq Min 30 cr.; meets LE req of LE CAT8)
- 30452 001 LEC, 08:00am-08:50am MWF, LSBE 118; (Open CE Reserve seats will be available to UMD students 09/01/09); , 3 cr
- 30466 002 LEC, 08:00am-09:15am TTh, LSBE 118; (Open CE Reserve seats will be available to UMD students 08/31/10.); 2 seats reserved for Continuing Education; , 3 cr
- 29209 003 LEC, 03:30pm-04:45pm TTh, LSBE 118; (Open CE Reserve seats will be available to UMD students 08/31/10.); 2 seats reserved for Continuing Education; , 3 cr
- 3001 Law and Ethics for Financial Professionals**  
(Credit will not be granted if credit has been received for: BLAW 3101; A-F; prereq LSBE cand or dept consent)
- 29396 001 LEC, 02:00pm-03:15pm TTh, LSBE 135; Roline, Alan C, 3 cr

### CHEMICAL ENGINEERING (ChE) Swenson College of Science & Engineering

- 1011 Introduction to Chemical Engineering.**  
(A-F only; prereq Prereq or coreq for both Chem 1151 or higher and Math 1296 or higher.; meets LE req of LE CAT5)
- 28138 001 LEC, 09:30am-10:45am TTh, Engr 290; Horabik, Carol, 3 cr
- 2001 Introduction to Environmental Engineering**  
(A-F only; prereq Chem 1113 or higher, Math 1250 or higher)
- 28062 001 LEC, 02:00pm-03:50pm MW, VKH 221; Horabik, Carol, 3 cr
- 2011 Design of Engineering Experiments**  
(A-F only; prereq Math 1297 and (prereq or coreq 2111))
- 31814 001 LEC, 12:00pm-12:50pm MW, VKH 221, 12:00pm-12:50pm F, Engr 204; Horabik, Carol, 3 cr
- 2111 Material and Energy Balances**  
(prereq Chem 1151 or 1161, Math 1296 or 1596 minimum grade of C)
- 28069 001 LEC, 09:30am-10:45am TTh, Engr 177; Hasan, A. Rashid, 3 cr
- 2121 Chemical Engineering Thermodynamics**  
(A-F only; prereq 2111, (prereq or coreq Math 3280))
- 33180 001 LEC, 08:00am-09:15am TTh, Engr 177; Hasan, A. Rashid, 3 cr
- 3111 Fluid Mechanics**  
(A-F only; prereq BSChE cand, Phys 2011, Math 3280, (prereq or coreq 2111) or instr consent; credit will not be granted if already received for ME 3111 or CE 3221.)
- 28008 001 LEC, 01:00pm-01:50pm MWF, Engr 280; Rother, Michael Anthony, 3 cr
- 3112 Heat and Mass Transfer**  
(Credit will not be granted if credit has been received for: ME 4112; A-F only; prereq BSChE cand, 3111, (prereq or coreq 2121) or instr consent)
- 30018 001 LEC, 08:00am-09:15am TTh, Engr 118; Sander II, Guy William, 3 cr
- 3211 Chemical Engineering Laboratory I**  
(A-F only; prereq BSChE cand, 3112, (prereq or coreq 2011, CHEM 2223, WRIT 31xx), instr consent)
- 29556 001 LAB, 12:00pm-05:00pm T, Engr 204; Sander II, Guy William, 3 cr
- 30440 002 LAB, 12:00pm-05:00pm Th, Engr 204; Sander II, Guy William, 3 cr
- 33164 003 LAB, 09:30am-12:00pm TTh, Engr 163; Sander II, Guy William, 3 cr

- 3241 Principles of Particle Technology**  
(Credit will not be granted if credit has been received for: CHE 4621; A-F only; prereq B.S.Ch.E. candidate, 2111, Phys 2012, Math 3280 or instr consent)
- 001 LEC, 03:00pm-03:50pm MW, Engr 177; Meets with: 31590 CHE 5621; Lodge, Keith B
- 29420 002 LAB, 10:00am-11:50am T, Engr 114; Meets with: 31601 CHE 5621; Lodge, Keith B, 3 cr
- 29421 003 LAB, 10:00am-11:50am Th, Engr 114; Meets with: 31606 CHE 5621; Lodge, Keith B, 3 cr
- 29627 004 LAB, 04:00pm-05:50pm Th, Engr 114; Meets with: 31607 CHE 5621; Lodge, Keith B, 3 cr
- 3791 Independent Study**  
(max crs 3; 3 repeats allowed; prereq BSChE cand, dept consent)
- 31196 001 IND; Davis, Richard A, 1-3 cr
- 31608 002 IND; Hasan, A. Rashid, 1-3 cr
- 31609 003 IND; Lodge, Keith B, 1-3 cr
- 31610 004 IND; Rother, Michael Anthony, 1-3 cr
- 31611 005 IND; Sternberg, Steven PK, 1-3 cr
- 3894 Chemical Engineering Research**  
(max crs 6; 6 repeats allowed; prereq BSChE cand, max 6 cr in 3994)
- 28055 001 LAB; Davis, Richard A, 1-3 cr
- 31602 002 LAB; Hasan, A. Rashid, 1-3 cr
- 31603 003 LAB; Lodge, Keith B, 1-3 cr
- 31604 004 LAB; Rother, Michael Anthony, 1-3 cr
- 31605 005 LAB; Sternberg, Steven PK, 1-3 cr
- 3951 Cooperative Education**  
(max crs 20; 20 repeats allowed; prereq BSChE cand, dept consent)
- 28070 001 IEX; Davis, Richard A, 1-6 cr
- 4111 Separations**  
(A-F only; prereq 3112; no Grad School cr)
- 001 LEC, 11:00am-11:50am WF, Engr 118; Class meets in 204 EB on Mondays; Davis, Richard A
- 30313 002 LAB, 11:00am-11:50am M, Engr 204; Davis, Richard A, 3 cr
- 4301 Chemical Reaction Engineering**  
(A-F only; prereq 3112; no Grad School cr)
- 28048 001 LEC, 09:00am-09:50am MWF, Engr 118; Sternberg, Steven PK, 3 cr
- 4501 Chemical Engineering Design I**  
(A-F only; prereq BSChE cand, (prereq or coreq 4111, 4301, WRIT 31xx); no Grad School cr)
- 28152 001 LEC, 02:00pm-03:50pm MWF, Engr 118; Rother, Michael Anthony, 4 cr
- 4615 Pollution Control Technologies**  
(A-F only; prereq 2111 or ESci 2210, Chem 1151 or 1161, Phys 2011 or instr consent; no Grad School cr; credit will not be granted if already received for 5615)
- 31197 001 LAB, 01:00pm-01:50pm MTWTh, VKH 221; Meets with: 31593 CHE 5615; Sternberg, Steven PK, 4 cr
- 5193 Process Optimization: Lean Six Sigma**  
(A-F only; prereq Instructor)
- 31751 001 DST, 06:00pm-08:40pm T, KPlz 173; Benda, Moe, 3 cr
- 31752 831 DST, 06:00pm-08:40pm T, Room TBA, OFFCOMPUMD; VIRGINIA-Mesabi Range Registrations Only
- Room L 127; Benda, Moe, 3 cr
- 31753 832 DST, 06:00pm-08:40pm T, Room TBA, OFFCOMPUMD; HIBBING Community College Registrations Only
- Room B 205; Benda, Moe, 3 cr
- 31754 833 DST, 06:00pm-08:40pm T, Room TBA, OFFCOMPUMD; GRAND RAPIDS-Itasca Community College Registrations Only - Room T132; Benda, Moe, 3 cr
- 5615 Pollution Control Technologies**  
(A-F only; prereq 3111, Chem 1151 or 1161, Grad Student; credit will not be granted if already received for 4615 or SCeI 4102.)
- 31593 001 LAB, 01:00pm-01:50pm MTWTh, VKH 221; Meets with: 31197 CHE 4615; Sternberg, Steven PK, 4 cr





33123	088 LAB; Reserved for students repeating Chem 1152 General Chemistry II (lecture/lab combo) WHO HAVE PASSED THE LAB SEGMENT., 1 cr	30530	003 LAB, 09:00am-10:50am T, SSB 226, 1 cr	4634	<b>Physical Chemistry</b> (A-F only; prereq (Phys 2012 or Phys 1002), 2 yrs of college-level chemistry, Math 1297, (Chem 2222 or 2212 or 2242), BS-BMB major or BA-Chem major, Concurrent registration is required (or allowed) in 4633)
1161	<b>Honors: General Chemistry I</b> (A-F only; prereq High school chem and high school algebra, Math ACT 21 or higher or a grade of at least C- in Math 1005, SCSSE student or exercise science or athletic training or teaching life science or teaching earth and space science, or teaching physical science; credit will not be granted if already received for 1151, 1153 or 2172; meets HON req of Honors; meets LE req of LE CAT4) 001 LEC, 10:00am-10:50am MTWF, Chem 150 002 DIS, 12:00pm-12:50pm T, SSB 143	30531	004 LAB, 09:00am-10:50am T, SSB 228, 1 cr	30628	001 LEC, 11:00am-11:50am MWF, Room TBA, DULUTH; , 3 cr
28471	003 LAB, 02:00pm-04:50pm M, SSB 143, 5 cr	30532	005 LAB, 03:00pm-04:50pm T, SSB 226, 1 cr	4641	<b>Physical Chemistry I</b> (A-F only; prereq 2 yrs chem, (222 or 2212 or 2242), Math 3280, Phys 2012, Concurrent registration is required (or allowed) in 4643)
28473	004 DIS, 01:00pm-01:50pm T, SSB 143	30533	006 LAB, 03:00pm-04:50pm T, SSB 228, 1 cr	28544	001 LEC, 10:00am-10:50am MWF, Engr 290; , 3 cr
28475	005 LAB, 02:00pm-04:50pm T, SSB 143, 5 cr	30534	007 LAB, 03:00pm-04:50pm W, SSB 226, 1 cr	4643	<b>Physical Chemistry Laboratory I</b> (A-F only; prereq 2 yrs chem, (2222 or 2212 or 2242), Math 3280, Phys 2012, Concurrent registration is required (or allowed) in 4641.)
28475	006 DIS, 12:00pm-12:50pm T, SSB 131	30535	008 LAB, 03:00pm-04:50pm W, SSB 228, 1 cr	29159	001 LAB, 09:00am-11:50am T, Chem 342, 1 cr
29317	007 LAB, 02:00pm-04:50pm W, SSB 143, 5 cr	30536	009 LAB, 09:00am-10:50am Th, SSB 226, 1 cr	29160	002 LAB, 11:00am-01:50pm W, Chem 342, 1 cr
29317	008 DIS, 12:00pm-12:50pm T, SSB 133	30537	010 LAB, 09:00am-10:50am Th, SSB 228, 1 cr	29319	003 LAB, 02:00pm-04:50pm W, Chem 342, 1 cr
29317	009 LAB, 11:00am-01:50pm Th, SSB 143, 5 cr	30538	011 LAB, 12:00pm-01:50pm Th, SSB 226, 1 cr	31160	004 LAB, 09:00am-11:50am Th, Chem 342, 1 cr
31390	010 DIS, 01:00pm-01:50pm T, SSB 133	30539	012 LAB, 12:00pm-01:50pm Th, SSB 228, 1 cr	5424	<b>Advanced Inorganic Chemistry I</b> (A-F only; prereq 4436 or equivalent or Grad student)
31390	011 LAB, 02:00pm-04:50pm Th, SSB 143, 5 cr	30540	013 LAB, 03:00pm-04:50pm Th, SSB 226, 1 cr	29805	001 LEC, 08:00am-08:50am MWF, Chem 155; , 3 cr
31390	011 LAB, 02:00pm-04:50pm Th, SSB 143, 5 cr	30541	014 LAB, 03:00pm-04:50pm Th, SSB 228, 1 cr	5524	<b>Advanced Organic Chemistry I</b> (A-F only; prereq 2542 or equivalent or Grad student)
1191	<b>Independent Study</b> (max crs 4; 4 repeats allowed; A-F only; prereq dept consent)	3097	<b>Internship in Chemistry</b> (max crs 2; S-N; prereq 2521 or 2541 or 2223, chem or biochem/molecular biol majors and dept consent)	29806	001 LEC, 09:00am-09:50am MWF, Chem 155; , 3 cr
28547	001 IND, 1-2 cr	31767	001 IEX, 1-2 cr	5714	<b>Applications of Spectroscopy</b> (A-F only; prereq 4436 or equivalent or Grad student)
2212	<b>Environmental Chemistry</b> (A-F only; prereq 1152 or 1162 or 1155 and 1156, Environmental Science major; credit will not be granted if already received for 2222 or 2223 or 2242)	3194	<b>Chemistry Undergraduate Research</b> (max crs 30; 10 repeats allowed; S-N only; prereq dept consent)	29808	001 LEC; , 4 cr
29968	001 LEC, 12:00pm-12:50pm MWF, Chem 150	31364	001 DRS, 1-3 cr	5725	<b>Advanced Analytical Chemistry I</b> (A-F; prereq Grad student or 4242 or equivalent)
29968	002 LAB, 09:00am-11:50am T, Chem 301, 4 cr	4184	<b>Undergraduate Seminar I</b> (S-N only; prereq BS Chem or BS BMB Major; min 90 cr)	30099	001 LEC, 05:30pm-06:45pm TTh, Chem 155; , 3 cr
29969	003 LAB, 09:00am-11:50am Th, Chem 301, 4 cr	29782	001 SEM, 02:00pm-04:00pm F, Chem 150; , 1 cr	5994	<b>Directed Research in Chemistry</b> (max crs 9; 3 repeats allowed; prereq Min 90 cr or Grad in the sciences or engineering or instr consent)
30359	004 LAB, 02:00pm-04:50pm Th, Chem 301, 4 cr	4351	<b>Biochemistry I</b> (A-F only; prereq 2222, 2522 or 2532 or 2542, Math 1296, concurrent registration in physical chem recommended - Concurrent registration is required (or allowed) in 4363)	29551	001 DRS, 1-3 cr
2222	<b>Quantitative Analysis</b> (A-F only; prereq 1152 or 1162 or 1155 and 1156, Concurrent registration is required (or allowed) in 2223; credit will not be granted if already received for 2212 or 2242)	30004	001 LEC, 08:00am-08:50am MWF, Chem 150; , 3 cr	8184	<b>Seminar</b> (S-N only; prereq Grad chem major or instr consent)
28488	001 LEC, 12:00pm-12:50pm MWF, SCC 120; , 3 cr	4363	<b>Biochemistry Laboratory</b> (A-F only; prereq 2223, 2522 or 2532 or 2544 or 2545, BS-BMB major, Concurrent registration is required (or allowed) in 4351)	28563	001 SEM, 03:00pm-05:00pm F, Chem 200; Class meets in Chem 150 with Chem 4184.; , 1 cr
2223	<b>Quantitative Analysis Laboratory</b> (A-F only; prereq 1152 or 1162 or 1155 and 1156, Concurrent registration is required (or allowed) in 2222; credit will not be granted if already received for 2212 or 2242)	29965	001 LAB, 08:00am-11:50am T, SSB 244, 2 cr	8777	<b>Thesis Credits: Master's</b> (max crs 50; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 10 cr total required (Plan A only))
29152	001 LAB, 02:00pm-04:50pm M, Chem 232, 1 cr	29966	002 LAB, 01:00pm-04:50pm T, SSB 244, 2 cr	28970	001 THE, 1-18 cr
29153	002 LAB, 09:00am-11:50am T, Chem 232, 1 cr	30358	004 LAB, 08:00am-11:50am Th, SSB 244, 2 cr		
29154	003 LAB, 02:00pm-04:50pm T, Chem 232, 1 cr	31870	005 LAB, 01:00pm-04:50pm Th, SSB 244, 2 cr		
29155	004 LAB, 02:00pm-04:50pm W, Chem 232, 1 cr	4373	<b>Physical Biochemistry</b> (A-F only; prereq (4632 or 4634 or 4641) and (4351 or 3322))		
30372	005 LAB, 09:00am-11:50am Th, Chem 232, 1 cr	30630	001 LEC, 01:00pm-01:50pm MWF, Chem 155; , 3 cr		
30373	006 LAB, 03:00pm-05:50pm Th, Chem 232, 1 cr	4435	<b>Inorganic Chemistry Laboratory</b> (A-F only; prereq 3432, Concurrent registration is required (or allowed) in 4436)		
2541	<b>Organic Chemistry I</b> (A-F only; prereq 1152 or 1162 or 1155 and 1156, Concurrent registration is required (or allowed) in 2543; credit will not be granted if already received for 2521, CHE 3231, ENGR 2110)	29156	001 LAB, 02:00pm-04:50pm T, Chem 347; , 1 cr		
30527	001 LEC, 10:00am-10:50am MWF, Chem 200; , 3 cr	29320	002 LAB, 02:00pm-04:50pm Th, Chem 347; , 1 cr		
2542	<b>Organic Chemistry II</b> (A-F only; prereq 2521 or 2541, Concurrent registration is required (or allowed) in 2544 or Concurrent registration is required (or allowed) in 2545; credit will not be granted if already received for 2522, 2532)	4436	<b>Inorganic Chemistry</b> (Credit will not be granted if credit has been received for: CHEM 4434; A-F only; prereq 3432, (4634 or 4642), Concurrent registration is required (or allowed) in 4435)		
30542	001 LEC, 11:00am-11:50am MWF, Chem 150; , 3 cr	30860	001 LEC, 12:00pm-12:50pm MWF, Chem 155; , 3 cr		
2543	<b>Organic Chemistry I Laboratory</b> (A-F only; prereq 1152 or 1162 or 1155 and 1156, Concurrent registration is required (or allowed) in 2541; credit will not be granted if already received for 2521, CHE 3231, ENGR 2110)	4633	<b>Physical Chemistry Laboratory</b> (A-F only; prereq 2yrs of college-level chemistry, (2222 or 2212 or 2242), Math 1297, Phys 2012 or Phys 1001, BS-BMB major or BA-Chem major, Concurrent registration is required (or allowed) in 4634)		
30528	001 LAB, 03:00pm-04:50pm M, SSB 226, 1 cr	29157	001 LAB, 02:00pm-04:50pm M, Chem 342, 1 cr	1101	<b>Beginning Chinese I: A Practical Introduction to Everyday Mandarin Chinese</b> (A-F only; prereq Little or no prior formal study of this language or instr consent; meets LEIP req of LEIPCAT03)
30529	002 LAB, 03:00pm-04:50pm M, SSB 228, 1 cr	29158	002 LAB, 02:00pm-04:50pm T, Chem 342, 1 cr	30006	001 LEC, 08:00am-08:50am MTWTh, H 468; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; , 4 cr
		29318	003 LAB, 02:00pm-04:50pm Th, Chem 342, 1 cr	30028	002 LEC, 02:00pm-02:50pm MTWTh, Library 409; , 4 cr
				1103	<b>Beginning Chinese III: A Practical Introduction to Everyday Mandarin Chinese</b> (A-F only; prereq 1102 or equiv, or instr consent; meets LE req of LE CAT3)
				30436	001 LEC, 04:00pm-04:50pm MTWTh, H 464; , 4 cr

**CIVIL ENGINEERING (CE)****Swenson College of Science & Engineering**

- 1025 Introduction to Civil Engineering**  
(A-F; prereq Civil engineering students)  
30602 001 LEC, 02:00pm-02:50pm Th, SCIV 265; , 1 cr
- 2017 Engineering Mechanics: Statics and Mechanics of Materials**  
(A-F only; prereq MATH 1297, PHYS 2011; credit will not be granted if already received for ENGR 2015 and ENGR 2016 combined.)  
31422 001 LEC, 12:00pm-12:50pm MTWThF, SCIV 231; Chen, Chien-Chung, 5 cr  
31423 002 LEC, 12:00pm-12:50pm MTWThF, Engr 118; Kohn, Brian J, 5 cr  
31424 003 LEC, 11:00am-11:50am MTWThF, Engr 177; Kohn, Brian J, 5 cr
- 3015 CAD & Engineering Drawing**  
(A-F only; prereq 2017, BCSE Candidate)  
31433 001 LAB, 05:00pm-07:50pm T, SCIV 224; Goldberg, Casey Lynn, 3 cr
- 3025 Environmental Engineering**  
(A-F; prereq Chem 1154, CE 3221)  
32146 001 LEC, 09:30am-10:45am TTh, SCIV 231; Johnson, Nathan W, 3 cr
- 3026 Project Management**  
(A-F only; prereq BSCE candidate)  
30820 001 LEC, 04:00pm-06:50pm W, Chem 155; Rashid, John W, 3 cr
- 3027 Infrastructure Materials**  
(A-F only; prereq 2017, BSCE candidate)  
001 LEC, 08:00am-08:50am MWF, SCIV 265; Dave, Eshan V  
31559 002 LAB, 03:00pm-04:50pm M, SCIV 169; Dave, Eshan V, 4 cr  
31560 003 LAB, 01:00pm-02:50pm T, SCIV 169; Dave, Eshan V, 4 cr
- 3115 Structural Analysis**  
(A-F only; prereq 2017, Math 3280 (concurrent), BSCE candidate)  
30819 001 LEC, 10:00am-10:50am MWF, SCIV 265; Acton, Katherine Araminta, 3 cr
- 3221 Fluid Mechanics**  
(A-F only; prereq 2017, Math 3280 (concurrent), BSCE candidate)  
31615 001 LEC, 02:00pm-02:50pm MWF, SCIV 231; Teasley, Rebecca Lynn, 3 cr
- 3225 Hydraulics and Hydrology**  
(A-F only; prereq 3221)  
001 LEC, 11:00am-11:50am MWF, SCIV 265; Johnson, Nathan W  
31435 002 LAB, 11:00am-01:50pm Th, SCIV 155; Johnson, Nathan W, 4 cr  
32147 003 LAB, 11:00am-01:50pm T, SCIV 155; Johnson, Nathan W, 4 cr
- 3316 Transportation Engineering**  
(A-F only; prereq BSCE candidate)  
001 LEC, 09:30am-10:45am TTh, SCIV 265  
31417 002 LAB, 11:00am-12:50pm Th, SCIV 224; , 4 cr
- 3425 Engineering Geology**  
(A-F only; prereq 1025 or GEOL 1110)  
001 LEC, 12:00pm-01:50pm T, SCIV 265; Carranza-Torres, Carlos M  
31427 002 LAB, 12:00pm-12:50pm Th, SCIV 165; Carranza-Torres, Carlos M, 3 cr  
31428 003 LAB, 01:00pm-01:50pm Th, SCIV 165; Carranza-Torres, Carlos M, 3 cr
- 3426 Soil Mechanics**  
(A-F only; prereq 2017, 3425, BSCE candidate)  
001 LEC, 09:00am-09:50am MWF, SCIV 265  
31430 002 LAB, 03:00pm-04:50pm T, SCIV 165; , 4 cr  
31431 003 LAB, 03:00pm-04:50pm Th, SCIV 165; , 4 cr
- 4126 Design of Concrete Structures**  
(A-F only; prereq 3115, BSCE Candidate, no Grad School cr)  
32148 001 LEC, 02:00pm-02:50pm MWF, SCIV 265; Musselman, Eric, 3 cr

- 4137 Advanced Structural Analysis and Design**  
(A-F only; prereq 4126, 4115)  
32149 001 LEC, 10:00am-10:50am MWF, SCIV 231; Chen, Chien-Chung, 3 cr
- 4155 Senior Design I**  
(A-F; prereq 3015, 3025, 3026, 3027, 3115, 3225, 3316, 3426, instr consent; no grad credit)  
32152 001 LAB, 02:00pm-04:50pm T, SCIV 265; Schokker, Andrea J, 3 cr  
32153 002 LAB, 02:00pm-02:50pm T, SCIV 231; Schokker, Andrea J, 3 cr
- 4226 Water Resources**  
(A-F; prereq 3225, no Grad School cr; credit will not be granted if already received for IE 3265)  
32154 001 LEC, 01:00pm-01:50pm MWF, SCIV 265; Teasley, Rebecca Lynn, 3 cr
- 4315 Traffic Systems Operations and Safety**  
(A-F only; prereq 3316)  
32155 001 LEC, 03:00pm-05:50pm W, SCIV 265; Kwon, Eil, 3 cr
- 4316 Pavement Design and Rehabilitation**  
(A-F only; prereq 2017, 3027 and 3316)  
32156 001 LEC, 11:00am-11:50am MWF, SCIV 231; Dave, Eshan V, 3 cr
- 4415 Geotechnical Design**  
(A-F only; prereq 3426, no Grad School cr)  
32157 001 LEC, 01:00pm-01:50pm MWF, SCIV 231; , 3 cr
- 4426 Rock Mechanics**  
(A-F only; prereq 3426)  
32158 001 LEC, 04:00pm-04:50pm MWF, SCIV 231; Carranza-Torres, Carlos M, 3 cr
- 4991 Independent Study in Civil Engineering**  
(max crs 4; A-F only; prereq CE upper division status; no graduate credit)  
31876 001 IND; , 1-4 cr  
31899 002 IND; , 1-4 cr
- 4996 Cooperative Education in Civil Engineering**  
(max crs 6; 6 repeats allowed; A-F only; prereq CE upper division, no grad credit)  
31878 001 IAS; , 1-3 cr
- 5115 Structural Dynamics**  
(A-F only; prereq 3115)  
31616 001 LEC, 03:00pm-03:50pm MWF, SCIV 231; Musselman, Eric, 3 cr  
31741 831 LEC; Virginia Registrations Only. Please contact jbergma1@d.umn.edu for permission number.; Musselman, Eric, 3 cr
- 5126 Prestressed Concrete Structures**  
(A-F only; prereq 4126 or Grad student)  
32159 001 LEC, 09:00am-09:50am MWF, SCIV 231; Schokker, Andrea J, 3 cr  
32160 831 LEC; Virginia Registrations Only. Please contact jbergma1@d.umn.edu for permission number.; Schokker, Andrea J, 3 cr
- 5515 Sustainable Design and Construction**  
(A-F only; prereq BSCE or BSCE or BSECE or BSIE or BSME or Grad student)  
31692 001 LEC, 03:00pm-03:50pm MF, LSBE 265, 08:00am-08:50am W, KPlz 385; Schokker, Andrea J, 3 cr  
31742 831 LEC; Virginia Registrations Only. Please contact jbergma1@d.umn.edu for permission number.; Schokker, Andrea J, 3 cr
- 5555 Project Credits: Master of Engineering (Civil)**  
(max crs 6; A-F only; prereq Civil Engineering MEng Student)  
31884 001 IND; Kwon, Eil; Carranza-Torres, Carlos M, 3-6 cr
- 5991 Graduate Independent Study in Civil Engineering**  
(max crs 4; A-F only; prereq CE MEng candidate, instr consent)  
31893 001 IND; Carranza-Torres, Carlos M, 1-4 cr  
31900 002 IND; Kwon, Eil, 1-4 cr

**COACHING (CC)****College of Education & Human Service Professions**

- 3117 Functional Anatomy and Sport Injury Management**  
(Credit will not be granted if credit has been received for: CC 3116; A-F only; prereq Min 30 cr, current Red Cross First Aid and CPR card or Hlth 1600)  
29716 001 LEC, 10:00am-10:50am MWF, SpHC 8; Fleissner, Elizabeth A, 3 cr
- 3150 Coaching Methods**  
(A-F only; prereq Coaching minor or instr consent)  
28564 001 LEC, 06:00pm-08:50pm W, SpHC 207, 06:00pm-08:50pm W, SpHC 150; Course meets in classroom on 1st day.; Knapp, Jim L, 3 cr
- 3161 Administrative Aspects of Coaching**  
(A-F only; prereq Coaching minor or instr consent)  
28154 001 LEC, 09:00am-09:50am MWF, SpHC 8; Fleissner, Elizabeth A, 3 cr
- 3172 Coaching and Officiating Volleyball**  
(A-F only; prereq Coaching minor or instr consent)  
31972 001 LEC, 01:00pm-01:50pm TTh, SpHC 208, 01:00pm-01:50pm TTh, SpHC 150A; Wendinger, Patricia J, 2 cr
- 3991 Independent Study**  
(A-F only; prereq Coaching minor and instr consent)  
28707 001 IND; Knapp, Jim L, 2 cr
- 3997 Coaching Practicum**  
(S-N; prereq Coaching minor and instr consent)  
28262 001 PRC; Knapp, Jim L, 2 cr

**COMMUNICATION (Comm)****College of Liberal Arts**

- 1000 Human Communication Theory**  
(A-F only; meets LE req of LE CAT3)  
29714 001 LEC, 02:00pm-03:15pm TTh, Chem 200; Sunnafrank, Michael J, 3 cr
- 1010 Persuasion**  
(A-F only; meets LE req of LE CAT6)  
33167 001 LEC, 12:30pm-01:45pm TTh, ABAH 445; Goei, Ryan Christopher, 3 cr
- 1112 Public Speaking**  
(Credit will not be granted if credit has been received for: COMM 1511; A-F only; meets LE req of LE CAT3)  
31502 001 LEC, 08:00am-08:50am MWF, ABAH 435; , 3 cr  
31503 002 LEC, 09:00am-09:50am MWF, ABAH 435; , 3 cr  
31504 003 LEC, 10:00am-10:50am MWF, ABAH 435; , 3 cr  
31505 004 LEC, 12:00pm-12:50pm MWF, ABAH 435; , 3 cr  
31506 005 LEC, 01:00pm-03:20pm M, ABAH 435; , 3 cr  
31507 006 LEC, 01:00pm-03:20pm W, ABAH 435; , 3 cr  
31508 007 LEC, 03:30pm-05:50pm M, ABAH 435; , 3 cr  
31509 008 LEC, 02:00pm-02:50pm MWF, ABAH 445; , 3 cr  
31510 009 LEC, 04:00pm-05:15pm MW, ABAH 445; , 3 cr  
31511 010 LEC, 08:00am-09:15am TTh, ABAH 435; , 3 cr  
31512 011 LEC, 09:30am-10:45am TTh, ABAH 435; , 3 cr  
31513 012 LEC, 11:00am-12:15pm TTh, ABAH 435; , 3 cr  
31514 013 LEC, 11:00am-01:30pm Th, ABAH 425; , 3 cr  
31515 014 LEC, 12:30pm-01:45pm TTh, ABAH 435; , 3 cr  
31516 015 LEC, 02:00pm-03:15pm TTh, ABAH 435; , 3 cr  
31837 016 LEC, 03:30pm-05:50pm T, ABAH 435; , 3 cr  
32214 090 LEC, 06:00pm-08:30pm Th, H 464; , 3 cr



<b>1222</b>	<b>Interpersonal Communication</b> (A-F only; meets LECD req of LECD CAT03)	32210	002 LEC, 11:00am-11:50am MWF, ABAH 425; Feng, Hairong, 3 cr
31518	001 LEC, 08:00am-08:50am MWF, ABAH 425; , 3 cr	<b>3210</b>	<b>Group Communication</b> (A-F only; prereq Min 30 cr or instr consent)
31519	002 LEC, 09:00am-09:50am MWF, ABAH 425; , 3 cr	30010	001 LEC, 01:00pm-01:50pm MWF, ABAH 445; Feng, Hairong, 3 cr
31520	003 LEC, 10:00am-10:50am MWF, SBE 32; , 3 cr	<b>3211</b>	<b>Communication and Technology in the Information Age</b> (A-F only)
31521	004 LEC, 11:00am-11:50am MWF, Cina 202; , 3 cr	30566	001 LEC, 09:00am-09:50am MWF, ABAH 445; Downs, Edward Paul, 3 cr
31522	005 LEC, 12:00pm-12:50pm MWF, ABAH 425; , 3 cr	<b>3215</b>	<b>Conflict Management</b> (A-F only; prereq Min 30 cr or instr consent)
31523	006 LEC, 01:00pm-03:20pm M, ABAH 425; , 3 cr	30603	001 LEC, 11:00am-01:30pm T, ABAH 425; , 3 cr
31524	007 LEC, 01:00pm-03:20pm W, ABAH 425; , 3 cr	31411	002 LEC, 06:00pm-08:30pm M, ABAH 435; , 3 cr
31525	008 LEC, 01:00pm-03:30pm F, ABAH 425; , 3 cr	<b>3300</b>	<b>Teaching Assistantship in Communication</b> (max crs 6; 6 repeats allowed; S-N only; prereq Min 60 cr, Comm major or minor, instr consent, may not be applied to elective cr for a Comm major or minor)
31526	009 LEC, 03:30pm-05:50pm W, ABAH 425; , 3 cr	30753	001 PRC; Nelson, Elizabeth Jean, 1-3 cr
31527	010 LEC, 03:00pm-03:50pm MWF, ABAH 445; , 3 cr	<b>3310</b>	<b>Research Assistant in Communication</b> (max crs 18; 6 repeats allowed; S-N only; prereq instr consent)
31528	011 LEC, 06:00pm-08:30pm M, ABAH 425; , 3 cr	30109	001 IND; Nelson, Elizabeth Jean, 1-3 cr
31529	012 LEC, 08:00am-09:15am TTh, ABAH 425; , 3 cr	<b>3405</b>	<b>Health Campaigns</b> (A-F only)
31530	013 LEC, 09:30am-10:45am TTh, ABAH 425; , 3 cr	32212	001 LEC, 11:00am-11:50am MWF, ABAH 445; de Souza, Rebecca, 3 cr
31841	014 LEC, 03:30pm-04:45pm TTh, ABAH 445; , 3 cr	34180	002 LEC, 08:00am-08:50am MWF, ABAH 445; Morris, Michael T, 3 cr
32216	090 LEC, 06:00pm-08:30pm W, ABAH 425; , 3 cr	<b>3505</b>	<b>Media Communications</b> (A-F only; prereq Comp 1120)
<b>1500</b>	<b>Media and Society</b> (A-F only; meets LE req of LE CAT8)	31413	001 LEC, 11:00am-11:50am MWF, ABAH 435; Petersen-Perlman PhD, Deborah Susan, 3 cr
30754	001 LEC, 09:00am-09:50am MWF, BohH 90; (Open CE reserve seats will be available to UMD students 09/01/09.); Pfau, Michael William, 3 cr	<b>3560</b>	<b>Video Game Entertainment</b> (A-F only)
<b>2025</b>	<b>Communication Inquiry: Rhetorical and Historical Methods</b> (A-F only)	30454	001 LEC, 12:00pm-12:50pm MWF, ABAH 445; Downs, Edward Paul, 3 cr
32192	090 LEC, 06:00pm-08:30pm W, ABAH 445; Pfau, Michael William, 3 cr	<b>3612</b>	<b>Rhetorical Criticism</b> (A-F only; prereq 1112, min 60 cr)
<b>2030</b>	<b>Communication Inquiry: Social Scientific Methods</b> (A-F only)	33166	002 LEC, 09:30am-10:45am TTh, ABAH 445; , 3 cr
30108	001 LEC, 02:00pm-03:15pm MW, ABAH 245; Downs, Edward Paul, 3 cr	<b>3625</b>	<b>Rhetoric of Globalization</b> (A-F; prereq 1112)
30742	002 LEC, 09:30am-10:45am TTh, SSB 216; Boyson PhD, Aaron Robert, 3 cr	30751	001 LEC, 08:00am-09:15am TTh, ABAH 445; Gore, David Charles, 3 cr
<b>2101</b>	<b>Foundations of Mass Communication</b> (A-F only; meets LE req of LE CAT8)	<b>4394</b>	<b>Directed Research in Communication</b> (max crs 6; 6 repeats allowed; A-F only; prereq Min 60 cr, comm major, instr consent; may not be applied to elective cr for comm major or minor)
32193	090 LEC, 06:00pm-08:30pm M, ABAH 445; Petersen-Perlman PhD, Deborah Susan, 3 cr	29082	001 DRS; Nelson, Elizabeth Jean, 1-3 cr
<b>2102</b>	<b>Media Effects</b> (A-F only; meets LE req of LE CAT8)	<b>4397</b>	<b>Internship in Communication</b> (max crs 8; 8 repeats allowed; S-N only; prereq Min 79 cr, comm major/minor (20 cr. in major), 2.50 GPA in major/minor; no Grad School cr)
29962	001 LEC, 11:00am-12:15pm TTh, ABAH 445; Boyson PhD, Aaron Robert, 3 cr	28260	001 IEX; Carlson, Kristin, 1-8 cr
<b>2505</b>	<b>Analysis of Public Discourse</b> (A-F only; prereq 1112)	<b>4399</b>	<b>Directed Projects in Communication</b> (max crs 6; 6 repeats allowed; S-N; prereq Min 60 cr, comm major, instr consent; may not be applied to elective cr for comm major or minor; no Grad School cr)
33170	001 LEC, 02:00pm-03:15pm TTh, ABAH 445; , 3 cr	29083	001 DST; Nelson, Elizabeth Jean, 1-3 cr
31414	090 LEC, 06:00pm-08:30pm T, ABAH 425; (Open CE Reserve seats will be available to UMD students 08/30/11.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Nelson, Elizabeth Jean, 3 cr	<b>4500</b>	<b>History of Rhetoric</b> (A-F only; prereq 1112 or instr consent; no Grad School cr)
<b>2929</b>	<b>Intercultural Communication</b> (meets LEIP req of LEIP CAT06)	30752	001 LEC, 02:00pm-04:30pm Th, ABAH 425; Gore, David Charles, 3 cr
30749	001 LEC, 06:00pm-09:40pm Th, ABAH 435; Goei, Ryan Christopher, 4 cr	34533	002 LEC, 10:00am-10:50am MWF, ABAH 425, 3 cr
32209	090 LEC, 06:00pm-09:40pm Th, ABAH 445; Sunnafrank, Michael J, 4 cr	<b>5000</b>	<b>Senior Seminar</b> (max crs 6; A-F only; prereq 1000, 1112 or 1115, 2025, 2030 with a C or better, Min 90 cr, Comm major or # instr consent, no Grad School cr)
<b>3116</b>	<b>Professional Communication</b> (A-F only; prereq 1112, 2505)	30745	001 SEM, 02:00pm-04:30pm T, ABAH 425; Boyson PhD, Aaron Robert, 3 cr
33168	001 LEC, 01:00pm-03:30pm F, ABAH 435; Carlson, Kristin, 3 cr	30746	002 SEM, 05:00pm-07:30pm W, ABAH 435; Nelson, Elizabeth Jean, 3 cr
33169	002 LEC, 03:30pm-05:50pm M, ABAH 425; Titus, Barb, 3 cr		
<b>3200</b>	<b>Interpersonal Communication Theory</b> (A-F only; prereq 1000 or 1222)		
30453	001 LEC, 06:00pm-08:30pm T, ABAH 445; Sunnafrank, Michael J, 3 cr		
<b>3205</b>	<b>Relationship Communication</b> (A-F only; prereq 1222)		
30750	001 LEC, 10:00am-10:50am MWF, ABAH 445; Feng, Hairong, 3 cr		

## COMMUNICATION SCIENCES AND DISORDERS (CSD) College of Education & Human Service Professions

<b>1100</b>	<b>Phonetics</b> (meets LE req of LE CAT3)	31824	@350 LEC, instruction mode: Distance Education Other; This course will be entirely online using Web CT Vista. An email will be sent to you prior to the starting date with directions on how you can log into the course. This course is not an independent study, but follows the semester schedule with weekly assignments, activities and/or quizzes.; Hyppa Martin, Jolene K, 2 cr
29893	@500 LEC, instruction mode: Distance Education Other; This course will be entirely online using Web CT Vista. An email will be sent to you prior to the starting date with directions on how you can log into the course. This course is not an independent study, but follows the semester schedule with weekly assignments, activities and/or quizzes.; Hyppa Martin, Jolene K, 2 cr	<b>2230</b>	<b>Introduction to Human Communication Disorders</b> (meets LECD req of LECD CAT08)
29327	001 LEC, 08:00am-09:15am TTh, Chem 150; 62 seats reserved for IESE; Hyppa Martin, Jolene K; Brorson, Kent R; Loven, Faith C; Carlson, Lynette Rene, 3 cr	31928	002 LEC, 02:00pm-03:15pm TTh, ChPk 124; Carlson, Lynette Rene, 3 cr
<b>3103</b>	<b>Anatomy of Speech and Hearing Mechanisms</b> (A-F; prereq CSD candidate or instr consent)	28076	001 LEC, 09:00am-09:50am MWF, ChPk 124; Loven, Faith C; Collins, Dana Rose, 3 cr
28076	001 LEC, 09:00am-09:50am MWF, ChPk 124; Loven, Faith C; Collins, Dana Rose, 3 cr	<b>3131</b>	<b>Language Development</b> (A-F only; prereq CSD candidate or instr consent)
<b>3131</b>	<b>Language Development</b> (A-F only; prereq CSD candidate or instr consent)	29328	001 LEC, 11:00am-12:50pm TTh, ChPk 124; Brorson, Kent R, 4 cr
29328	001 LEC, 11:00am-12:50pm TTh, ChPk 124; Brorson, Kent R, 4 cr	<b>3150</b>	<b>Fundamentals and Clinical Applications of Speech Science</b> (A-F only; prereq CSD candidate or instr consent)
<b>3150</b>	<b>Fundamentals and Clinical Applications of Speech Science</b> (A-F only; prereq CSD candidate or instr consent)	29329	001 LEC, 11:00am-11:50am MWF, ChPk 124; Collins, Dana Rose, 3 cr
29329	001 LEC, 11:00am-11:50am MWF, ChPk 124; Collins, Dana Rose, 3 cr	<b>3200</b>	<b>Articulation and Phonological Disorders</b> (A-F; prereq 1100, 2230, CSD candidate or instr consent)
<b>3200</b>	<b>Articulation and Phonological Disorders</b> (A-F; prereq 1100, 2230, CSD candidate or instr consent)	28767	001 LEC, 12:00pm-12:50pm MWF, ChPk 124; Spillers PhD, Cindy S, 3 cr
28767	001 LEC, 12:00pm-12:50pm MWF, ChPk 124; Spillers PhD, Cindy S, 3 cr	<b>4197</b>	<b>Clinical Practicum in Communication Disorders</b> (A-F; prereq 3241 with C grade or better, CSD candidate or instr consent, no Grad School cr)
<b>4197</b>	<b>Clinical Practicum in Communication Disorders</b> (A-F; prereq 3241 with C grade or better, CSD candidate or instr consent, no Grad School cr)	28680	001 PRC, 01:00pm-01:50pm Th, ChPk 124; Class meets in ChPk 124 with CSD 8097 and 4297.; Meets with: 30434 CSD 8097; Brorson, Kent R; Carlson, Lynette Rene; Collins, Dana Rose; Schaefer, Susan Elizabeth; Hyppa Martin, Jolene K; John, Lynda Barker; Godsey, Shannon Rose; Spillers PhD, Cindy S; Wallis, Kay; Mizuko, Mark I, 3 cr
28680	001 PRC, 01:00pm-01:50pm Th, ChPk 124; Class meets in ChPk 124 with CSD 8097 and 4297.; Meets with: 30434 CSD 8097; Brorson, Kent R; Carlson, Lynette Rene; Collins, Dana Rose; Schaefer, Susan Elizabeth; Hyppa Martin, Jolene K; John, Lynda Barker; Godsey, Shannon Rose; Spillers PhD, Cindy S; Wallis, Kay; Mizuko, Mark I, 3 cr	<b>4400</b>	<b>Hearing Disorders and Evaluation</b> (A-F; prereq 3103, 3160, CSD candidate or instr consent)
<b>4400</b>	<b>Hearing Disorders and Evaluation</b> (A-F; prereq 3103, 3160, CSD candidate or instr consent)	28077	001 LEC, 01:00pm-01:50pm MWF, ChPk 124; Loven, Faith C, 3 cr
28077	001 LEC, 01:00pm-01:50pm MWF, ChPk 124; Loven, Faith C, 3 cr	<b>4500</b>	<b>Voice Disorders</b> (A-F only; prereq CSD candidate)
<b>4500</b>	<b>Voice Disorders</b> (A-F only; prereq CSD candidate)	29999	001 LEC, 10:00am-10:50am MWF, ChPk 124; Spillers PhD, Cindy S, 3 cr
29999	001 LEC, 10:00am-10:50am MWF, ChPk 124; Spillers PhD, Cindy S, 3 cr	<b>5010</b>	<b>Portfolio Development</b> (A-F; prereq CSD Grad student or instr consent)
<b>5010</b>	<b>Portfolio Development</b> (A-F; prereq CSD Grad student or instr consent)	29758	001 LEC, 10:00am-10:50am T, ChPk 122; Godsey, Shannon Rose, 1 cr
29758	001 LEC, 10:00am-10:50am T, ChPk 122; Godsey, Shannon Rose, 1 cr	<b>5091</b>	<b>Independent Study</b> (max crs 6; 6 repeats allowed; prereq CSD candidate with 90 cr or CSD Grad student)
<b>5091</b>	<b>Independent Study</b> (max crs 6; 6 repeats allowed; prereq CSD candidate with 90 cr or CSD Grad student)	31274	001 IND; Class is arranged.; Carlson, Lynette Rene, 1-3 cr
31274	001 IND; Class is arranged.; Carlson, Lynette Rene, 1-3 cr		

<b>5100</b>	<b>Research Methods in Communication Disorders</b> (A-F; prereq CSD Grad)	<b>30104</b>	001 LEC, 03:00pm-04:15pm MW, ChPk 122; Loven, Faith C, 3 cr	<b>3121</b>	<b>Introduction to Programming in Visual BASIC.NET</b> (Credit will not be granted if credit has been received for: FMIS 2225; A-F only; prereq 1 yr high school algebra or instr consent; meets LE req of LE CAT3)	<b>30141</b>	007 LAB, 10:00am-10:50am T, MWAH 177; Holtz, Steven J, 5 cr 008 DIS, 11:00am-11:50am Th, MWAH 175; Holtz, Steven J
<b>5142</b>	<b>Introduction to Diagnosis of Communication Disorders</b> (A-F only; prereq CSD Grad or instr consent; credit will not be granted if already received for 4142)	<b>29330</b>	001 LEC, 10:00am-10:50am MW, ChPk 122; Brorson, Kent R, 2 cr	<b>28342</b>	002 LAB, 10:00am-10:50am W, MWAH 177; Allert, James Donald, 3 cr	<b>30138</b>	009 LAB, 11:00am-11:50am T, MWAH 177; Holtz, Steven J, 5 cr 010 DIS, 01:00pm-01:50pm Th, MWAH 175
<b>5250</b>	<b>Seminar in Augmentative and Alternative Communication</b> (A-F; prereq CSD Grad School Student or instr consent)	<b>30727</b>	001 SEM, 08:00am-08:50am F, ChPk 122; Hyppa Martin, Jolene K, 1 cr	<b>29187</b>	003 LAB, 11:00am-11:50am W, MWAH 177; Allert, James Donald, 3 cr	<b>30136</b>	011 LAB, 01:00pm-01:50pm T, MWAH 177, 5 cr
<b>5302</b>	<b>Language Disorders in School-Age Children</b> (A-F only; prereq CSD Grad Student or instr consent)	<b>31276</b>	001 LEC, 02:00pm-02:50pm TTh, ChPk 122; Godsey, Shannon Rose, 2 cr	<b>29272</b>	004 LAB, 12:00pm-12:50pm W, MWAH 177; Allert, James Donald, 3 cr	<b>1581</b>	<b>Honors: Computer Science I</b> (Credit will not be granted if credit has been received for: CS 1211, CS 1511; A-F only; prereq Honors student, 3 1/2 yrs high school math; meets HON req of Honors; meets LE req of LE CAT3)
<b>8097</b>	<b>Internship: Communication Disorders</b> (max crs 12; 12 repeats allowed; A-F; prereq Can apply max 4 cr to a Graduate School program. 25 hrs supervised clinical observation, CSD Grad student or instr consent)	<b>30434</b>	001 IEX, 01:00pm-01:50pm Th, ChPk 124; Class meets in Chpk 124 with CSD 4197 and 4297.; Meets with: 28680 CSD 4197; Brorson, Kent R; Carlson, Lynette Rene; Collins, Dana Rose; Schaefer, Susan Elizabeth; Hyppa Martin, Jolene K; John, Lynda Barker; Godsey, Shannon Rose; Spillers PhD, Cindy S; Wallis, Kay; Mizuko, Mark I, 1-3 cr	<b>29672</b>	006 LAB, 02:00pm-02:50pm W, MWAH 177; Allert, James Donald, 3 cr	<b>30144</b>	001 LEC, 02:00pm-02:50pm MWF, MWAH 175; Colburn, Timothy Robert 002 DIS, 02:00pm-02:50pm Th, MWAH 175; Colburn, Timothy Robert 003 LAB, 02:00pm-02:50pm T, MWAH 177; Colburn, Timothy Robert, 5 cr
<b>8210</b>	<b>Professional Issues in Speech-Language Pathology</b> (prereq CSD Grad student or instr consent)	<b>29892</b>	001 LEC, 03:30pm-04:20pm Th, ChPk 122; Carlson, Lynette Rene, 1 cr	<b>30743</b>	007 LAB, 03:00pm-03:50pm W, MWAH 177; Allert, James Donald, 3 cr	<b>2511</b>	<b>Software Analysis and Design</b> (prereq 1521 or instr consent)
<b>8230</b>	<b>Neurogenic Language Disorders</b> (prereq CSD Grad student or instr consent)	<b>29116</b>	001 LEC, 08:00am-09:15am MW, ChPk 122; Carlson, Lynette Rene, 3 cr	<b>1301</b>	<b>Introduction to 3D Game Development: Learning to Program Computers by Creating Video Games</b> (A-F only; meets LE req of LE CAT3)	<b>28406</b>	001 LEC, 09:30am-10:45am TTh, MWAH 191; Colburn, Timothy Robert 002 DIS, 08:00am-08:50am F, MWAH 175; Colburn, Timothy Robert
<b>8235</b>	<b>Counseling Applications in Communication Disorders</b> (prereq CSD Grad student, at least 4 cr of 8097 or instr consent)	<b>29891</b>	001 LEC, 03:30pm-05:10pm T, ChPk 122; Spillers PhD, Cindy S, 2 cr	<b>30130</b>	002 LAB, 03:00pm-03:50pm Th, MWAH 177; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Holtz, Steven J, 4 cr	<b>28407</b>	003 LAB, 08:00am-08:50am M, MWAH 177; Colburn, Timothy Robert, 4 cr 004 DIS, 01:00pm-01:50pm F, MWAH 175; Colburn, Timothy Robert
<b>COMPUTER SCIENCE (CS)</b>				<b>30131</b>	003 LAB, 4 cr	<b>28408</b>	005 LAB, 01:00pm-01:50pm M, MWAH 177; Colburn, Timothy Robert, 4 cr 006 DIS
<b>Swenson College of Science &amp; Engineering</b>				<b>1511</b>	<b>Computer Science I</b> (Credit will not be granted if credit has been received for: CS 1211, CS 1581; A-F only; prereq 3 1/2 yrs high school math or instr consent; meets LE req of LE CAT3)	<b>2521</b>	<b>Computer Organization and Architecture</b> (prereq 1521, ECE 1315, Math 1296 or instr consent)
<b>1011</b>	<b>Introduction to Computers and Software</b> (Credit will not be granted if credit has been received for: FMIS 2201; A-F only; prereq 1 yr high school algebra, WRIT 1120 or instr consent; meets LE req of LE CAT3)	<b>28336</b>	001 LEC, 12:00pm-12:50pm TTh, LSci 175; Holtz, Steven J	<b>28755</b>	001 LEC, 02:00pm-02:50pm MWF, LSci 175; Allert, James Donald	<b>28411</b>	001 LEC, 03:00pm-03:50pm MWF, HH 306; Prince, Christopher George 002 LAB, 03:00pm-03:50pm T, MWAH 177; Prince, Christopher George, 4 cr
<b>28337</b>	002 LAB, 10:00am-10:50am M, MWAH 177; Holtz, Steven J, 3 cr	<b>28338</b>	003 LAB, 11:00am-11:50am M, MWAH 177; Holtz, Steven J, 3 cr	<b>28354</b>	002 DIS, 08:00am-08:50am T, MWAH 175; Allert, James Donald	<b>3011</b>	<b>Information Technology Hardware and Software</b> (A-F only; prereq FMIS 3201 or FMIS 2201 or SBE 1101, 1521 or instr consent)
<b>28338</b>	004 LAB, 12:00pm-12:50pm M, MWAH 177; (Open CE Reserve seats will be available to UMD students 08/31/10.); 2 seats reserved for Continuing Education; Holtz, Steven J, 3 cr	<b>28339</b>	005 LAB, 02:00pm-02:50pm M, MWAH 177; Holtz, Steven J, 3 cr	<b>28355</b>	003 LAB, 08:00am-08:50am Th, MWAH 177; Allert, James Donald, 5 cr	<b>29237</b>	001 LEC, 12:00pm-12:50pm MWF, MWAH 175; Shute, Gary M
<b>30127</b>	007 LAB, 3 cr	<b>28340</b>	006 LAB, 03:00pm-03:50pm M, MWAH 177; Holtz, Steven J, 3 cr	<b>28356</b>	004 DIS, 09:00am-09:50am T, MWAH 175; Allert, James Donald	<b>30496</b>	002 LAB, 04:00pm-04:50pm M, HH 306; Shute, Gary M, 4 cr
<b>30489</b>	008 LAB, 3 cr	<b>30127</b>	007 LAB, 3 cr	<b>28357</b>	005 LAB, 09:00am-09:50am Th, MWAH 177; Allert, James Donald, 5 cr	<b>3111</b>	<b>Computer Ethics</b> (A-F only; prereq Comp 3100 or 3110 or 3121 or 3130 or 3140 or 3150 or 3160 or Engr 4001, min 60 cr or instr consent)
<b>1094</b>	<b>Freshman Seminar: Computers and Society</b> (A-F only; prereq Freshman, fewer than 30 credits; meets LE req of LE CAT8)	<b>29763</b>	001 SEM, 10:00am-10:50am MWF, MWAH 175; Allert, James Donald, 3 cr	<b>28358</b>	006 DIS, 10:00am-10:50am T, MWAH 175; Allert, James Donald	<b>29661</b>	001 LEC, 11:00am-12:15pm TTh, HH 306, 01:00pm-01:50pm M, MWAH 175; Maclin, Richard Frank, 4 cr
				<b>28359</b>	007 LAB, 10:00am-10:50am Th, MWAH 177; Allert, James Donald, 5 cr	<b>3121</b>	<b>Interactive Multimedia Technology</b> (A-F only; prereq FMIS 3201 or FMIS 2201 or SBE 1101, 2511 or instr consent)
				<b>28360</b>	008 DIS, 11:00am-11:50am T, MWAH 175; Allert, James Donald	<b>29141</b>	001 LEC, 11:00am-11:50am MWF, MWAH 175; Prince, Christopher George 002 LAB, 04:00pm-05:50pm M, Library 118; Mac Lab needed for this lab section; Prince, Christopher George, 4 cr
				<b>1521</b>	<b>Computer Science II</b> (Credit will not be granted if credit has been received for: CS 2111; A-F only; prereq 1511 or 1581)	<b>3211</b>	<b>Database System Concepts</b> (A-F only; prereq FMIS 3201 or FMIS 2201 or SBE 1101, 2511 or instr consent)
					001 LEC, 11:00am-11:50am MWF, MWAH 195; Holtz, Steven J		001 LEC, 09:30am-10:45am TTh, HH 306; Crouch, Donald B
					002 DIS, 08:00am-08:50am Th, MWAH 175; Holtz, Steven J		002 LAB, 04:00pm-05:50pm W, HH 306; Crouch, Donald B, 4 cr
					003 LAB, 08:00am-08:50am T, MWAH 177; Holtz, Steven J, 5 cr		
					004 DIS, 09:00am-09:50am Th, MWAH 175; Holtz, Steven J		
					005 LAB, 09:00am-09:50am T, MWAH 177, 5 cr		
					006 DIS, 10:00am-10:50am Th, MWAH 175; Holtz, Steven J		





- 31585 353 LEC; (Online Instruction - 16 week course. Students must register no later than 9/14/10 and complete all requirements by 12/16/10. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. In addition to the textbooks, students will need to purchase and complete two career assessments from Career Services. Total for both assessments=\$30. Open CE reserved seats will be available to UMD students on August 31, 2010. After the 2nd day of the semester, when permission numbers are required, students must go to a Continuing Education Window in Darland Administration Building or call 218-726-8113 to register for this course. Internet Delivered); 1 seat reserved for Continuing Education, 3 cr
- 31586 354 LEC; (Online Instruction - 16 week course. Students must register no later than 9/14/10 and complete all requirements by 12/16/10. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. In addition to the textbooks, students will need to purchase and complete two career assessments from Career Services. Total for both assessments=\$30. Open CE reserved seats will be available to UMD students on August 31, 2010. After the 2nd day of the semester, when permission numbers are required, students must go to a Continuing Education Window in Darland Administration Building or call 218-726-8113 to register for this course. Internet Delivered); 1 seat reserved for Continuing Education; Brodin Yeaton, Sherrill J., 3 cr

## CRIMINOLOGY (CRIM) College of Liberal Arts

- 1301 Introduction to Criminology**  
(A-F only; prereq credit will not be granted if already received for SOC 1301; meets LE req of LE CAT8)
- 28056 001 LEC, 08:00am-09:50am TTh, BohH90; Maahs, Jeffrey Robert, 4 cr
- 30806 090 LEC, 05:00pm-08:30pm T, Cina 316; (Open CE reserved seats will be available to UMD students on August 30, 2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Gittings, Ronald F, 4 cr
- 31991 350 LEC; (Online Instruction. Students must register by 9/6/11 and complete all requirements by 12/16/11. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. Open CE reserved seats will be available to UMD students on August 30, 2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Mork, Bruce, 4 cr
- 2311 Criminological Theory**  
(A-F only; prereq 1301, 15 cr; credit will not be granted if already received for SOC 2311)
- 29185 001 LEC, 12:00pm-01:50pm TTh, Cina 308; Arthur, John A, 4 cr
- 31330 090 LEC, 05:00pm-08:30pm T, Cina 224; (Open CE Reserve seats will be available to UMD students 08/30/11.); 6 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Arthur, John A, 4 cr
- 3322 Law and Society**  
(A-F only; prereq 30 cr or instr consent; credit will not be granted if already received for SOC 3322)
- 32084 001 LEC, 12:30pm-01:45pm TTh, Cina 224; Grana, Sheryl Judith, 3 cr
- 32085 090 LEC, 06:00pm-08:40pm T, Cina 308; Friedman, Fred T, 3 cr
- 3324 Sociology of Criminal Law**  
(A-F only; prereq 30 cr or instr consent; credit will not be granted if already received for SOC 3324)
- 28148 090 LEC, 06:00pm-08:40pm M, Cina 102; (Open CE Reserve seats will be available to UMD students 08/30/11.); 6 seats reserved for Continuing Education; Friedman, Fred T, 3 cr
- 3328 Delinquency and Juvenile Justice**  
(A-F only; prereq 30 cr or instr consent; credit will not be granted if received for SOC 3328)
- 28058 090 LEC, 06:00pm-08:40pm Th, Cina 224; (Open CE Reserve seats will be available to UMD students 08/30/11.); 6 seats reserved for Continuing Education; Wolf JD, Dale A, 3 cr
- 3375 Restorative Justice**  
(A-F; prereq Min 60 cr or instr consent; credit will not be granted if already received for SOC 3375)
- 30828 001 LEC, 09:30am-10:45am TTh, Cina 308; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Gaarder, Emily, 3 cr
- 4323 Women and Justice**  
(A-F only; prereq 1301 or SOC 1101 or CSt 1101 or Anth 1604 or WS 1000, 30 cr, or instr consent, no Grad School cr; credit will not be granted if already received for SOC 4323)
- 32086 001 LEC, 08:00am-09:15am TTh, Cina 224; Grana, Sheryl Judith, 3 cr
- 4340 Race, Crime and Justice**  
(A-F only; prereq 1301 or SOC 1101 or Anth 1604 or CSt 1101, 30 cr or Grad School student or instr consent; credit will not be granted if already received for SOC 4340)
- 31349 001 LEC, 09:30am-10:45am TTh, SBE 32; Arthur, John A, 3 cr
- 4382 Victimology**  
(A-F only; prereq 1301 or SOC 1101, 60 cr; no Grad School credit; credit will not be granted if already received for SOC 4382)
- 31350 001 LEC, 02:00pm-03:15pm TTh, Cina 308; Gaarder, Emily, 3 cr
- 4391 Independent Study in Criminology**  
(max crs 6; 6 repeats allowed; A-F only; prereq instr consent; maximum 6 credits allowed between SOC 4991 and CRIM 4391, no grad school credit)
- 31855 001 IND; Weidner, Robert R, 1-6 cr
- 4397 Teaching Assistantship in Criminology**  
(max crs 3; 3 repeats allowed; A-F only; prereq 60 cr, instr consent, no grad credit, maximum 6 credits allowed between SOC 4997 and CRIM 4397)
- 31856 001 IND; Arthur, John A, 1-3 cr
- 4399 Honors Project Criminology**  
(max crs 16; A-F only; prereq 90 cr, approval by dept honors program director, no grad school credit, maximum 8 credits allowed between SOC 4999 and CRIM 4399)
- 31857 001 DRS; Weidner, Robert R, 1-8 cr
- 8600 Practicum in Criminology**  
(max crs 15; 3 repeats allowed; S-N only; prereq Grad student or instr consent)
- 29723 001 FWK; Maahs, Jeffrey Robert, 1-15 cr
- 8777 Thesis Credits: Master's**  
(max crs 50; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 10 cr total required (Plan A only))
- 30023 001 THE; Maahs, Jeffrey Robert; Wilson, Janelle L; Gaarder, Emily; Arthur, John A, 1-18 cr
- 8900 Directed Readings**  
(max crs 6; 6 repeats allowed; A-F only; prereq Grad student or instr consent)
- 30024 001 DRD; Gaarder, Emily; Maahs, Jeffrey Robert, 1-6 cr

## CULTURAL STUDIES (CSt) College of Liberal Arts

- 1101 Introduction to Cultural Studies**  
(A-F only; meets LE req of LE CAT8)
- 29188 001 LEC, 10:00am-11:50am TTh, H 403; Emad, Mitra C, 4 cr
- 30457 002 LEC, 08:00am-09:40am MW, Cina 214; Milun, Kathryn Ann, 4 cr
- 3030 Science Fiction**  
(A-F only; prereq Min 30 cr)
- 32127 350 LEC; (Online Instruction. - 16 week course- register anytime. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. Open CE reserved seats will be available to UMD students on August 30, 2011. After the 2nd day of the semester, when permission numbers are required, student must go to one of the Continuing Education Windows in Darland Administration Building or call 218-726-8113 to register for this course.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Bacig, Thomas D, 3 cr
- 3040 The Music and Lives of the Beatles**  
(A-F only; prereq Min 30 cr)
- 32128 350 LEC; (Online Instruction - 16 week course - register anytime. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. Open CE reserved seats will be available to UMD students on August 30, 2011. After the 2nd day of the semester, when permission numbers are required, students must go to one of the Continuing Education Windows in Darland Administration Building or call 218-726-8113 to register for this course.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Gallian, Joseph A, 3 cr
- 3080 Cultural Constructions of the Body**  
(A-F only; prereq Min 30 cr or instr consent)
- 31617 001 LEC, 01:00pm-02:40pm TTh, Cina 102; Emad, Mitra C, 4 cr
- 4500 The New Commons: Activism, Culture, History**  
(A-F only; prereq Min 30 cr)
- 30821 001 LEC, 02:00pm-03:40pm MW, Cina 214; Milun, Kathryn Ann, 4 cr
- 4691 Independent Study in Cultural Studies**  
(max crs 8; A-F only; prereq instr consent)
- 29191 001 DRS; Emad, Mitra C, 1-4 cr
- 4997 Teaching Assistant in Cultural Studies**  
(max crs 3; 3 repeats allowed; A-F; prereq Min 60 cr, instr consent, no Grad School cr)
- 30192 001 LEC; Emad, Mitra C, 1-3 cr

## DANCE (DN) School of Fine Arts

- 1001 Introduction to the World of Dance**  
(A-F only; meets LEIP req of LEIP CAT09)
- 29333 001 LEC, 09:00am-09:50am MWF, VKH 221; Katz Harwood, Rebecca, 3 cr
- 1101 Modern Dance Technique I**  
(max crs 12; 6 repeats allowed; A-F only; meets LE req of LE CAT10)
- 28130 001 STU, 12:00pm-01:10pm MWF, MPAC 155; Katz Harwood, Rebecca, 2 cr
- 30615 002 STU, 04:00pm-05:45pm TTh, MPAC 155; Katz Harwood, Rebecca, 2 cr
- 1111 Jazz Dance Technique I**  
(max crs 8; 4 repeats allowed; A-F only; meets LE req of LE CAT10)
- 29370 001 STU, 04:00pm-05:10pm MWF, MPAC 155; Katz Harwood, Rebecca, 2 cr
- 29560 002 STU, 02:00pm-03:45pm TTh, MPAC 155; Katz Harwood, Rebecca, 2 cr
- 1121 Tap Dance Technique I**  
(max crs 8; 4 repeats allowed; A-F only; prereq 4 cr of 1101 or 1111, instr consent)
- 28133 001 STU, 12:00pm-01:45pm TTh, MPAC 21; Bergeron, Ann Aiko, 2 cr

<b>1131 Ballet Technique I</b> (max crs 12; 6 repeats allowed; A-F only; meets LE req of LE CAT10)	<b>4610 Professional Issues Seminar in Early Childhood Education</b> (prereq ? 4600; no Grad School cr)	29368 011 LEC, 08:00am-09:15am TTh, LSBE 125; (Economics majors or minors); Meets with: 29367 ECON 2030, 29369 ECON 2030; , 3 cr
28134 001 STU, 08:00am-09:45am TTh, MPAC 155; White, LilaAnn Coates, 2 cr	28712 001 LEC, 09:00am-12:00pm S, SBE 51, 09/24/11-09/24/11, 09:00am-12:00pm S, SBE 51, 10/22/11-10/22/11, 09:00am-12:00pm S, SBE 51, 11/19/11-11/19/11; (Course meets Saturday, Sept. 24, Oct. 22, Nov. 19, 2011. Remaining course hours will be conducted in an on-line learning environment.); Minkinen, Molly H, 1 cr	29369 012 LEC, 08:00am-09:15am TTh, LSBE 125; (Non-LSBE Business Adm or Accounting minors); Meets with: 29368 ECON 2030, 29367 ECON 2030; , 3 cr
29561 002 STU, 12:00pm-01:45pm TTh, MPAC 155; White, LilaAnn Coates, 2 cr	<b>4991 Independent Study</b> (max crs 6; 6 repeats allowed; A-F only; prereq instr consent; no Grad School cr)	32143 013 LEC, 02:00pm-03:15pm TTh, LSBE 125; (LSBE students); Meets with: 32145 ECON 2030, 32144 ECON 2030; , 3 cr
<b>3231 Ballet Technique II</b> (max crs 12; 6 repeats allowed; A-F only; prereq instr consent)	28771 001 IND; , 1-6 cr	32144 014 LEC, 02:00pm-03:15pm TTh, LSBE 125; (Economics majors or minors); Meets with: 32143 ECON 2030, 32145 ECON 2030; , 3 cr
28137 001 STU, 08:40am-09:50am MWF, MPAC 155; White, LilaAnn Coates, 2 cr		32145 015 LEC, 02:00pm-03:15pm TTh, LSBE 125; (Non-LSBE Business Adm or Accounting minors); Meets with: 32143 ECON 2030, 32144 ECON 2030; , 3 cr
<b>3991 Independent Study in Dance</b> (max crs 6; 6 repeats allowed; A-F only; prereq instr consent; undergrads may not take more than 6 cr in 3991 and 5991 combined)	<b>ECONOMICS (Econ)</b> <b>Labovitz School of Business &amp; Economics</b>	<b>3022 Macroeconomic Analysis</b> (A-F only; prereq 1022, 1023, Math 1160 or Math 1296, Econ major or minor or LSBE cand)
29587 001 IND; Katz Harwood, Rebecca; Bergeron, Ann Aiko, 1-3 cr	<b>1022 Principles of Economics: Macro</b> (A-F only; prereq Min 15 cr or dept consent; meets LE req of LE CAT6)	28118 001 LEC, 09:00am-09:50am MWF, LSBE 125; Doorn, David J., 3 cr
<b>4311 Jazz Dance Technique III</b> (max crs 12; 6 repeats allowed; A-F only; prereq instr consent; no Grad School cr)	28124 001 LEC, 09:00am-09:50am MWF, LSBE 118; , 3 cr	<b>3023 Microeconomic Analysis</b> (A-F only; prereq 1022, 1023, Math 1160 or Math 1296, Econ major or minor or LSBE cand)
29192 001 STU, 01:30pm-02:40pm MWF, MPAC 155; Bergeron, Ann Aiko, 2 cr	28125 002 LEC, 10:00am-10:50am MWF, LSBE 118; (Open CE Reserve seats will be available to UMD students 08/31/10.); 3 seats reserved for Continuing Education; , 3 cr	30911 001 LEC, 03:30pm-04:45pm TTh, LSBE 225; Anil, Bulent, 3 cr
<b>4901 Intern Teaching Dance</b> (max crs 6; 3 repeats allowed; A-F only; prereq 3201 or 3211 or 3221 or 3231, instr consent; no Grad School cr)	28912 003 LEC, 02:00pm-02:50pm MWF, LSBE 118; (Open CE Reserve seats will be available to UMD students 08/31/10.); 2 seats reserved for Continuing Education; , 3 cr	<b>3030 Economic Research Methodology</b> (A-F only; prereq 1022, 1023, (2030 or Stat 3611), Math 1160 or Math 1296, Econ major or minor or LSBE cand)
29278 001 DIS; Katz Harwood, Rebecca; Bergeron, Ann Aiko, 2 cr	<b>1023 Principles of Economics: Micro</b> (A-F only; prereq Min 15 cr or dept consent; meets LE req of LE CAT6)	29254 001 LEC, 10:00am-10:50am MWF, LSBE 265; Tadesse, Bedassa, 3 cr
<b>5991 Independent Study in Dance</b> (max crs 6; 6 repeats allowed; A-F only; prereq instr consent; undergrads max 6 cr in 3991 and 5991 combined; no Grad School cr)	28126 001 LEC, 03:00pm-04:15pm MW, LSBE 118; (Open CE Reserve seats will be available to UMD students 08/31/10.); 2 seats reserved for Continuing Education; Anderson, Curt L, 3 cr	<b>3031 History of Economic Thought</b> (A-F only; prereq 1003 or 1022, 1023; meets LE req of LE CAT7)
29588 001 IND; Katz Harwood, Rebecca; Bergeron, Ann Aiko, 1-3 cr	28127 002 LEC, 11:00am-12:15pm TTh, LSBE 118; O'Brien, A. Maureen, 3 cr	30110 001 LEC, 02:00pm-03:15pm TTh, LSBE 225; O'Brien, A. Maureen, 3 cr
<b>5997 Internship in Professional Dance</b> (max crs 12; 12 repeats allowed; A-F only; prereq dept consent; 1 cr for each 45 hrs of work; no Grad School credit)	29253 003 LEC, 12:30pm-01:45pm TTh, LSBE 118; (Open CE Reserve seats will be available to UMD students 08/31/10.); 3 seats reserved for Continuing Education; , 3 cr	<b>3311 Money and Banking</b> (A-F only; prereq 1022, Econ major or minor or LSBE cand)
28142 001 IEX; Bergeron, Ann Aiko; Katz Harwood, Rebecca, 1-12 cr	<b>2030 Applied Statistics for Business and Economics</b> (A-F only; prereq min 30 cr; credit will not be granted if already received for Econ 2020, Stat 1411, Stat2411, Stat3611, Soc3151, Psy 3020)	29586 001 LEC, 11:00am-11:50am MWF, LSBE 135; , 3 cr
<b>EARLY CHILDHOOD STUDIES (ECh)</b> <b>College of Education &amp; Human Service Professions</b>	29358 001 LEC, 11:00am-11:50am MWF, LSBE 125; (LSBE students); Meets with: 29360 ECON 2030, 29359 ECON 2030; Doorn, David J., 3 cr	<b>3402 Global Economic Issues</b> (A-F only; prereq LSBE cand; cannot apply cr to econ major or minor)
<b>2010 Foundational Issues in Early Childhood Studies</b> (A-F only)	29359 002 LEC, 11:00am-11:50am MWF, LSBE 125; (Economics majors or minors); Meets with: 29358 ECON 2030, 29360 ECON 2030; Doorn, David J., 3 cr	30437 001 LEC, 01:00pm-01:50pm MWF, LSBE 118; Tadesse, Bedassa, 3 cr
28711 001 LEC, 08:00am-09:50am W, Cina 106; (Practicum arr); , 3 cr	29360 003 LEC, 11:00am-11:50am MWF, LSBE 125; (Non-LSBE Business Adm or Accounting minors); Meets with: 29358 ECON 2030, 29359 ECON 2030; Doorn, David J., 3 cr	<b>3512 Managerial Economics</b> (A-F only; 1023, (2030 or Stat3611), minor or LSBE cand)
<b>2015 Literature for Young Children</b> (A-F only)	29361 004 LEC, 01:00pm-01:50pm MWF, LSBE 125; (LSBE students); Meets with: 29363 ECON 2030, 29362 ECON 2030; Doorn, David J., 3 cr	28122 001 LEC, 03:30pm-04:45pm TTh, LSBE 125; McIntosh, Christopher Richard, 3 cr
29710 001 LEC, 09:00am-11:50am M, Room TBA, DULUTH; , 3 cr	29362 005 LEC, 01:00pm-01:50pm MWF, LSBE 125; (Economics majors or minors); Meets with: 29361 ECON 2030, 29363 ECON 2030; Doorn, David J., 3 cr	<b>3821 Labor Economics: Theory and Issues</b> (A-F only; prereq 1023, preferred but not required 3023, Econ major or minor or LSBE cand)
<b>2025 Cognitive Development: Theory to Practice</b> (A-F only)	29363 006 LEC, 01:00pm-01:50pm MWF, LSBE 125; (NON-LSBE Business Adm or Accounting minors); Meets with: 29361 ECON 2030, 29362 ECON 2030; Doorn, David J., 3 cr	30111 001 LEC, 09:30am-10:45am TTh, LSBE 125; Anil, Bulent, 3 cr
29711 001 LEC, 11:00am-11:50am TTh, VKH 221; Additional course hours will be required in an on-line learning environment.; Minkinen, Molly H, 3 cr	29364 007 LEC, 02:00pm-02:50pm MWF, LSBE 129; (LSBE students); Meets with: 29365 ECON 2030, 29366 ECON 2030; , 3 cr	<b>3910 Economics of Health Care</b> (A-F only; prereq 1022, 1023, Econ major or minor or LSBE cand)
31871 002 LEC, 12:00pm-12:50pm TTh, VKH 221; Additional course hours will be required in an on-line learning environment.; Minkinen, Molly H, 3 cr	29365 008 LEC, 02:00pm-02:50pm MWF, LSBE 129; (Economics majors or minors); Meets with: 29366 ECON 2030, 29364 ECON 2030; , 3 cr	31562 001 LEC, 01:00pm-01:50pm MWF, LSBE 225; Schultz, Jennifer, 3 cr
<b>4010 Infant and Early Childhood Perceptual and Psychomotor Development</b> (A-F only; prereq Unified early childhood major, no Grad School cr)	29366 009 LEC, 02:00pm-02:50pm MWF, LSBE 129; (Non-LSBE Business Adm or Accounting minors); Meets with: 29364 ECON 2030, 29365 ECON 2030; , 3 cr	<b>4397 Half-Time Internship</b> (Credit will not be granted if credit has been received for: ECON 4497; max crs 6; S-N; prereq Econ major, 3022, 3023, instr consent)
30662 001 LEC, 03:30pm-05:10pm T, SBE 32; , 2 cr	29367 010 LEC, 08:00am-09:15am TTh, LSBE 125; (LSBE students); Meets with: 29369 ECON 2030, 29368 ECON 2030; , 3 cr	29038 001 IEX; O'Brien, A. Maureen, 3 cr
<b>4600 Student Teaching in Early Childhood/ Primary</b> (max crs 12; S-N; prereq 3005, 3007 or instr consent; no Grad School cr)		<b>4497 Full-Time Internship</b> (Credit will not be granted if credit has been received for: ECON 4397; S-N; prereq Econ major 3022, 3023, instr consent)
28770 001 PRC; , 12 cr		29039 001 IEX; O'Brien, A. Maureen, 6 cr
29441 002 PRC; , 12 cr		<b>4935 Urban/Regional Economics</b> (A-F only; prereq 1003 or 1022, 1023, preferred but not required 3023)
29442 003 PRC; , 12 cr		30435 001 LEC, 12:30pm-01:45pm TTh, LSBE 265; Anil, Bulent, 3 cr
29443 004 PRC; , 12 cr		<b>4991 Independent Study</b> (max crs 6; 6 repeats allowed; A-F only; prereq Econ major, 12 cr of Econ 3xxx or above, instr consent)
29444 005 PRC; , 12 cr		28123 001 IND; O'Brien, A. Maureen, 1-6 cr
29445 006 PRC; , 12 cr		
30385 007 PRC; , 6 cr		
30394 008 PRC; , 6 cr		
31863 009 PRC; , 6 cr		
31868 010 PRC; , 6 cr		

**EDUCATION (Educ)****College of Education & Human Service Professions**

<b>1000 Human Development</b> (A-F only)	<b>4228 Teaching Mathematics with Technology</b> (A-F; prereq Math 1141 or 1296)	<b>7001 Introduction to Graduate Study</b> (A-F only; prereq MEd candidate or instr consent ; no Grad School cr; credit will not be granted if already received for EHS 7001)
28734 001 LEC, 11:00am-12:50pm TTh, SBE 16; Onchwari, Jacqueline Ariri, 3 cr	30257 001 LEC, 06:00pm-08:50pm M, Cina 106; Wohlhuter, Kay A., 3 cr	29943 020 LEC, 08:30am-04:00pm Su, SBE 17, 09/11/11-09/11/11; (registration for Cohort 19 only) (Course meets on Sunday, Sept. 11, 2011, with remaining course hours conducted in an on-line learning environment); Hyman, Randy Emerson, 2 cr
28735 002 LEC, 08:00am-09:15am TTh, SBE 36; Dietrich, Jane Ellen, 3 cr	<b>4234 Science, Technology, and Society</b> (A-F only; prereq Min 30 cr, no Grad School cr)	<b>7002 Human Diversity and Exceptionality</b> (A-F only; prereq MEd candidate or instr consent , no Grad School cr; credit will not be granted if already received for EHS 7002)
<b>1100 Human Diversity</b> (A-F only; meets LECD req of LECD CAT08)	28741 001 LEC, 02:00pm-03:15pm TTh, SBE 51; Yoon PhD, Jiyoon, 3 cr	31373 015 LEC, 08:30am-04:00pm Su, SBE 51, 09/11/11-09/11/11; (Registration for Cohort 18 only. Course meets Sunday, Sept. 11, 2011. Additional course hours will be required in an on-line learning environment.; Hazareesingh, Nedra A, 2 cr
28737 001 LEC; (Practicum 2 hrs per wk arr. Course will be conducted in an on-line learning environment.); 1 seat reserved for Continuing Education; Onchwari, Jacqueline Ariri, 3 cr	<b>4381 Teaching Indigenous Students</b> (A-F only; prereq EDSE 4100; no Grad School cr; credit will not be granted if already received for EDUC 5381.)	<b>7004 Foundations of Educational Research</b> (A-F only; prereq M.SpEd student or MEd student or instr consent ; no Grad School cr; credit will not be granted if already received for EHS 7004)
28738 002 LEC, 03:30pm-04:45pm TTh, MonH 70; (Practicum 2 hrs per wk arr.); 1 seat reserved for Continuing Education; Mwet PhD, Chang'aa, 3 cr	28464 001 LEC; Course will be conducted in an on-line learning environment.; Fairbanks PhD, Priscilla A., 2 cr	30497 015 LEC, 08:30am-04:00pm S, SBE 51, 09/10/11-09/10/11; (Registration for Cohort 18 only) (Course meets on Saturday, Sept. 10, 2011, with remaining course hours conducted in an on-line learning environment); , 4 cr
<b>1101 Education in Modern Society</b> (A-F only; meets LE req of LE CAT7)	28733 002 LEC, 01:00pm-01:50pm TTh, Cina 106; (additional on-line course hours required); Fairbanks PhD, Priscilla A., 2 cr	<b>7008 Foundations of Teaching and Learning: Curriculum Theory and Design</b> (A-F only; prereq MEd student or instr consent ; no Grad School cr; credit will not be granted if already received for EHS 7008)
28739 001 LEC, 02:00pm-02:50pm MWF, MonH 80; 1 seat reserved for Continuing Education; Guldbrandsen, Frank A, 3 cr	<b>4500 Professional Issues and Ethics</b> (A-F only; prereq Admission to the elementary education program, successful completion of courses in block one and block two, no Grad School cr)	29944 020 LEC, 08:30am-04:00pm S, SBE 17, 09/10/11-09/10/11; (registration for Cohort 19 only) (Course meets Saturday, Sept. 10, 2011, with remaining course hours conducted in an on-line learning environment); , 4 cr
28740 002 LEC, 04:00pm-06:50pm T, MonH 80; 2 seats reserved for Continuing Education; Guldbrandsen, Frank A, 3 cr	28768 001 LEC, 05:00pm-06:50pm M, Engr 177, 09/12/11-09/12/11; (5:00-6:50 pm first Monday of semester—remainder of course hours completed in an on-line learning environment); , 1 cr	<b>7009 Assessment of Learning</b> (max crs 12; 4 repeats allowed; A-F only; prereq MEd candidate, no Grad School cr; credit will not be granted if already received for EHS 7009)
<b>1201 Managing Planet Earth</b> (A-F only; meets LE req of LE CAT8)	28876 002 LEC, 05:00pm-06:50pm W, SBE 51, 09/07/11-09/07/11; (5:00-6:50 pm first Wednesday of semester—remainder of course hours completed in an on-line learning environment); Mongan-Rallis, Helen, 1 cr	30258 010 LEC, 08:30am-04:00pm S, SBE 17, 09/17/11-09/17/11; (registration for cohort 17 only) (Course meets on Saturday, Sept. 17, 2011, with remaining course hours conducted in an on-line learning environment); Williams, Julia M., 3 cr
31587 200 INI; (Correspondence—16 week course—register anytime. Initial course information is available at <a href="http://www.d.umn.edu/goto/correspondence">Getting Started On Your Correspondence Course.</a> Open CE reserved seats will be available to UMD students on August 30, 2011. After the second day of the semester, when permission numbers are required, students must go to the Continuing Education Windows in Darland Administration Building or call 218-726-8113 to register for this course.); 2 seats reserved for Continuing Education; Boman, Thomas G, 3 cr	29788 @003 LEC, instruction mode: Distance Education Other; (Course will meet in an on-line learning environment for distance student teachers only); , 1 cr	<b>7011 Integrated Research in Practice</b> (A-F only; prereq 7004 or instr consent , no Grad School cr)
34234 350 LEC; (Online Instruction. Students must register by 9/6/11 and complete all requirements by 12/16/11. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. Open CE reserved seats will be available to UMD students on August 30, 2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Ruark, Elizabeth Ann, 3 cr	<b>4991 Independent Study</b> (max crs 6; 6 repeats allowed; A-F only; prereq instr consent ; no Grad School cr)	30839 010 DIS, 08:30am-04:00pm Su, SBE 17, 09/18/11-09/18/11; (registration for Cohort 17 only) (Course meets on Sunday, Sept. 18, 2011, with remaining course hours conducted in an on-line learning environment); Hyman, Randy Emerson, 3 cr
<b>3340 Interacting with Diverse Families</b> (Credit will not be granted if credit has been received for: EDUC 5340; A-F only; prereq Credit will not be granted if credit has been received for EDUC 5340.)	28715 001 IND, 0.50-3 cr	<b>8007 Research on Knowledge and Learning in Education</b> (A-F; prereq Ed.D. majors or instr consent)
31126 001 LEC, 06:00pm-08:45pm Th, Cina 106; Course meets with Educ 5340.; Meets with: 31127 EDUC 5340; Onchwari, Jacqueline Ariri, 3 cr	30429 002 IND, 0.50-3 cr	33140 001 LEC S, Room TBA, 09/10/11-09/10/11 S, Room TBA, 10/08/11-10/08/11 S, Room TBA, 11/12/11-11/12/11 S, Room TBA, 12/10/11-12/10/11; (registration for EdD Cohort 3 only.) (Course will meet Saturday, Sept. 10, Oct. 8, Nov. 12, Dec. 10, 2011 in an ITV room. Additional course hours will be required in an on-line learning environment.); , 3 cr
<b>3412 The Computer in Education</b> (max crs 6; 6 repeats allowed; A-F only; prereq Pre educ or educ majors or cand)	<b>5340 Interacting With Diverse Families</b> (Credit will not be granted if credit has been received for: EDUC 5340; A-F only; prereq 90 cr or instr consent)	<b>8009 Distance Education: From Theory to Practice</b> (A-F; prereq Ed.D. majors or instr consent)
28742 001 LEC, 01:00pm-02:50pm MW, Library 119; Mc Carthy, David Albert, 4 cr	31127 001 LEC, 06:00pm-08:45pm Th, Cina 106; Course meets with Educ 5340; Meets with: 31126 EDUC 5340; Onchwari, Jacqueline Ariri, 3 cr	33141 001 LEC Su, Room TBA, 09/11/11-09/11/11 Su, Room TBA, 10/09/11-10/09/11 Su, Room TBA, 11/13/11-11/13/11 Su, Room TBA, 12/11/11-12/11/11; (Registration for EdD Cohort 3 only.) (Course will meet Sunday, Sept. 11, Oct. 9, Nov. 13, Dec. 11, 2011 in an ITV room. Remainder of course hours will be required in an on-line learning environment.); Mongan-Rallis, Helen, 3 cr
28743 002 LEC, 03:00pm-04:50pm MW, Library 119; Mc Carthy, David Albert, 4 cr	<b>5412 The Computer in Education</b> (max crs 6; 6 repeats allowed; A-F only; prereq No Grad School cr)	
28913 003 LEC, 10:00am-11:50am MW, Library 119; Mc Carthy, David Albert, 4 cr	31697 090 LEC, 05:00pm-08:50pm M, Library 119; (Open CE Reserve seats will be available to UMD students 08/30/11.); 2 seats reserved for Continuing Education; Meets with: 31696 EDUC 3412; Mc Carthy, David Albert, 4 cr	
29091 004 LEC, 12:00pm-01:50pm TTh, H 470; Shannon, Terrie M, 4 cr	<b>5413 Teaching With Technology</b> (A-F only; prereq 3412 or 5412, min 60 cr or coll grad or instr consent , no Grad School cr)	
29213 005 LEC, 03:00pm-06:50pm M, H 470; Shannon, Terrie M, 4 cr	29800 090 LEC, 05:00pm-08:50pm Th, Engr 204; (Open CE Reserve seats will be available to UMD students 08/30/11.); 5 seats reserved for Continuing Education; Shannon, Terrie M, 4 cr	
31696 090 LEC, 05:00pm-08:50pm M, Library 119; (Open CE Reserve seats will be available to UMD students 08/30/11.); 2 seats reserved for Continuing Education; Meets with: 31697 EDUC 5412; Mc Carthy, David Albert, 4 cr	<b>5414 Using Technology for the Administrative Tasks of Teaching</b> (A-F only; prereq Min 60 cr or coll grad; 3412 or 5412, 5413 or instr consent , no Grad School cr)	
<b>4227 Number Theory for Teachers in Grades 5-8</b> (A-F only; prereq Math 1141 or 1296)	29269 090 LEC, 05:00pm-08:50pm W, Library 119; (Open CE Reserve seats will be available to UMD students 08/30/11.); 5 seats reserved for Continuing Education; , 4 cr	
29074 001 LEC, 06:00pm-08:50pm T, Cina 106; Wohlhuter, Kay A., 3 cr	<b>5991 Independent Study</b> (max crs 8; 8 repeats allowed; A-F only; prereq instr consent ; no Grad School cr)	
	28769 001 IND ; 0.50-4 cr	
	29688 002 IND, 0.50-4 cr	
	29690 003 IND, 0.50-4 cr	
	29691 004 IND, 0.50-4 cr	
	29294 741 IND; (Educational Computing & Technology Certificate), 0.50-4 cr	



- 8020 Doctoral Seminar**  
(max crs 6; 6 repeats allowed; S-N; prereq Ed.D. majors)
- 30325 001 SEM S, Room TBA, 09/10/11-09/10/11 S, Room TBA, 10/08/11-10/08/11 S, Room TBA, 11/12/11-11/12/11 S, Room TBA, 12/10/11-12/10/11; Registration for EdD MN Cohort 3 only. Course will meet Saturdays, Sept. 10, Oct. 8, Nov. 12, and Dec. 10, 2011 in an ITV room. Remainder of course hours will be conducted in an on-line learning environment.; , 1 cr
- 31370 002 SEM S, Room TBA, 09/10/11-09/10/11 S, Room TBA, 10/08/11-10/08/11 S, Room TBA, 11/12/11-11/12/11 S, Room TBA, 12/10/11-12/10/11; Registration for EdD Hawaii Cohort 3. Course will meet on Saturday, Sept. 10, Oct. 8, Nov. 12, and Dec. 10, 2011. Remainder of course hours will be conducted in an on-line learning environment.; , 1 cr
- 8888 Thesis Credit: Doctoral**  
(max crs 100; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 24 cr required)
- 31387 001 THE; Registration for EdD Cohort 1 only; Strand, Joyce, 1-24 cr

### EDUCATIONAL ADMINISTRATION (EdAd) College of Education & Human Service Professions

- 5916 Curriculum and Instruction and Assessment**  
(A-F only; prereq EdAd lic program or collegiate graduate program admission or instr consent; no Grad School cr)
- 30795 001 LEC, 08:00am-12:30pm S, SBE 17, 09/24/11-09/24/11, 08:00am-12:30pm S, SBE 17, 10/29/11-10/29/11, 08:00am-12:30pm S, SBE 17, 12/03/11-12/03/11; (Course meets on Saturday, Sept. 24, Oct. 29, and Dec 3, 2011. Additional course hours will be required in an on-line learning environment.); , 3 cr
- 5919 Superintendency**  
(A-F only; prereq EdAd lic program or collegiate graduate program admission or instr consent, no Grad School cr)
- 31336 @001 LEC, instruction mode: Distance Education Other; Course will meet in an on-line learning environment.; , 3 cr
- 5921 Principalship**  
(A-F only; prereq EdAd lic program or collegiate graduate program admission or instr consent, no Grad School cr)
- 30796 001 LEC, 01:00pm-05:30pm S, SBE 17, 09/24/11-09/24/11, 01:00pm-05:30pm S, SBE 17, 10/29/11-10/29/11, 01:00pm-05:30pm S, SBE 17, 12/03/11-12/03/11; (Course meets on Saturday, Sept. 24, Oct. 29, and Dec. 3, 2011. Additional course hours will be required in an on-line learning environment.); Rauschenfels, Diane J, 3 cr
- 5923 Field Exploration**  
(A-F only; prereq EdAd lic program or collegiate grad program admission or instr consent, no Grad School cr)
- 32257 001 LEC, 2 cr
- 5997 Professional Competency Assessment: Principals**  
(A-F only; prereq EdAd lic program or collegiate graduate program admission or instr consent; no Grad School cr)
- 31334 @001 LEC, instruction mode: Distance Education Other; Course will be conducted in an on-line learning environment.; Rauschenfels, Diane J, 1 cr
- 5998 Professional Competency Assessment: Superintendents**  
(A-F only; prereq EdAd Lic program or collegiate graduate program admission or instr consent, no Grad School cr)
- 31335 @001 LEC, instruction mode: Distance Education Other; Course meets in an on-line learning environment.; Rauschenfels, Diane J, 1 cr

- 6990 Internship in Teaching for Administrators**  
(max crs 9; 3 repeats allowed; A-F only; prereq Admission to the Ed Ad program)
- 31854 001 IEX; Rauschenfels, Diane J, 3 cr
- 6997 Internship: Principals**  
(A-F only; prereq EdAd lic program or collegiate graduate program or instr consent, no Grad School cr)
- 32258 001 IEX; Rauschenfels, Diane J, 6 cr
- 6998 Internship: Superintendents**  
(A-F only; prereq EdAd lic program or collegiate graduate program admission or instr consent; no Grad School cr)
- 31173 001 IEX; Rauschenfels, Diane J, 6 cr
- 6999 Internship: Principals Additional Field**  
(A-F only; prereq EdAd lic program or collegiate graduate program admission or instr consent; no Grad School cr)
- 32259 001 PRC; Rauschenfels, Diane J, 4 cr

### EDUCATION AND HUMAN SERVICE PROFESSIONS (EHS) College of Education & Human Service Professions

- 799 CEHSP Masters Active Status**  
(20 repeats allowed; NGA; prereq MEd or MSpEd students only)
- 29712 001 IND, 0 cr
- 5990 Research Project**  
(max crs 12; 12 repeats allowed; S-N; prereq No Grad School cr)
- 29855 001 LEC; , 1-12 cr  
28781 002 LEC; , 1-12 cr  
28782 003 LEC; Gilbertson, Kenneth Lloyd, 1-12 cr  
31844 005 LEC; , 1-12 cr  
31865 006 LEC; Ernst, Julie Ann, 1-12 cr  
31892 007 LEC; Munson PhD, Bruce H, 1-12 cr

### EDUCATION, SECONDARY (EdSe)

#### College of Education & Human Service Professions

- 3204 Designing Learning Environments and Lessons**  
(A-F only; prereq Admission to EdSe program)
- 30800 001 PRC, 08:00am-09:50am MW, SBE 20; (additional course hours will be required in an on-line learning environment); , 3 cr
- 30801 002 PRC, 02:00pm-03:50pm MW, SBE 17; (additional course hours will be required in an on-line learning environment); , 3 cr
- 3206 Apprenticeship: Secondary School**  
(A-F only; prereq Admission to EdSe program, Concurrent registration is required (or allowed) in 3204)
- 28776 001 PRC, 01:00pm-01:50pm MW, ABAH 225; Williams, Julia M., 2 cr
- 29176 002 PRC; Course meets in an online learning environment.; Glisczinski, Daniel Joseph, 2 cr
- 4100 Teaching in a Diverse Society**  
(A-F only; prereq Admission to EdSe program)
- 28714 001 LEC, 06:00pm-08:30pm M, SBE 17; (additional course hours required in an on-line learning environment); Mongan-Rallis, Helen, 3 cr
- 28731 @002 LEC, instruction mode: Distance Education Other; Course will be conducted in an on-line learning environment.; Hermes, Mary Rose, 3 cr
- 4120 Philosophy and Organization of the Middle School**  
(A-F only; prereq Secondary majors admitted to teacher education or pre-elementary education majors, 45 cr; credit will not be granted if already received for 5120)
- 28779 001 LEC, 03:30pm-04:45pm TTh, Cina 106; (Elementary Education majors only); , 2 cr

- 4212 Literature for Adolescents**  
(Credit will not be granted if credit has been received for: EDSE 4215, EDSE 4214; A-F only; prereq Teaching comm arts/lit major, minor or pre students or elem-middle educ comart/lit specialization)
- 29251 001 LEC, 04:00pm-06:45pm M, VKH 221; , 3 cr
- 4214 Teaching Content-Area Reading**  
(Credit will not be granted if credit has been received for: EDSE 4215, EDSE 4212; A-F only)
- 29713 001 LEC, 11:00am-11:50am MWF, SBE 51; , 2 cr
- 29824 002 LEC, 02:00pm-02:50pm MWF, Cina 106; , 2 cr
- 4222 Teaching Mathematics: Grades 5-12**  
(A-F only; prereq Admission to EdSe program, 3204 or instr consent; no Grad School cr)
- 31343 001 LEC, 08:00am-10:45am TTh, Cina 106; Wohlhuter, Kay A., 4 cr
- 4244 Teaching Social Studies: Grades 5-12**  
(A-F only; prereq Admission to EdSe program, 3204 or instr consent; no Grad School cr)
- 31344 001 LEC, 04:00pm-07:00pm W, Cina 106; Brice, Lynn M, 3 cr
- 4255 Teaching Science: Grades 5-12**  
(A-F only; prereq Admission to EdSe program, 3204 or instr consent; no Grad School cr)
- 31570 001 LEC, 08:00am-09:15am TTh, SBE 16, 08:00am-08:50am F, SBE 16; , 3 cr
- 4501 Educational Psychology**  
(A-F only; prereq Admission to EdSe program; no Grad School cr)
- 28401 001 LEC, 10:00am-10:50am MWF, SBE 17; (additional on-line course hours required); Glisczinski, Daniel Joseph, 3 cr
- 28732 002 LEC, 01:00pm-01:50pm MWF, SBE 17; (additional on-line course hours required); Glisczinski, Daniel Joseph, 3 cr
- 4525 Assessment for Secondary Education Majors**  
(A-F; prereq No Grad School cr)
- 30802 001 LEC, 09:30am-10:45am TTh, Room TBA, DULUTH; (additional course hours will be required in an on-line learning environment); Williams, Julia M., 3 cr
- 30803 002 LEC, 02:00pm-03:15pm TTh, SBE 17; Additional course hours will be required in an on-line learning environment.; Kwako, Joan, 3 cr
- 4600 Student Teaching**  
(max crs 12; S-N only; prereq 4100, 4501, appropriate methods course; no Grad School cr)
- 28777 001 PRC; , 12 cr  
29072 002 PRC; , 12 cr  
29446 003 PRC; , 12 cr  
29447 004 PRC; , 12 cr  
29448 005 PRC; , 12 cr  
29449 006 PRC; , 12 cr  
29450 007 PRC; , 12 cr  
29451 008 PRC; , 12 cr  
29452 009 PRC; , 12 cr  
29453 010 PRC; , 12 cr  
29454 011 PRC; , 12 cr  
29455 012 PRC; , 12 cr  
29456 013 PRC; , 12 cr  
29457 014 PRC; , 6 cr  
29458 015 PRC; , 6 cr  
29459 016 PRC; , 6 cr  
29460 017 PRC; , 6 cr  
29461 018 PRC; , 6 cr  
31849 019 PRC; , 6 cr  
31850 020 PRC; , 6 cr  
31879 021 PRC; , 6 cr

### ELECTRICAL AND COMPUTER ENGINEERING (ECE) Swenson College of Science & Engineering

- 1001 Introduction to Electrical and Computer Engineering**  
(A-F only; prereq Pre-Engr, ChE, CS, ECE, IE majors only)
- 28041 001 LEC, 10:00am-10:50am TTh, SCC 120; Burns, Stanley G, 2 cr



<b>4345 Instructional Strategies, Assessment, and Management</b> (A-F only; prereq Admission to elementary education program, successful completion of block one, Concurrent registration is required (or allowed) in 3381, 4344, 4366, SpEd5310, no Grad School cr)	<b>5250 Legal, Ethical and Environmental Issues in Engineering</b> (A-F; prereq EMgt student or dept consent)	<b>3115 Writing Fiction</b> (max crs 8; A-F only; prereq WRIT 1120, min 60 cr (6 cr lit) or instr consent)
29020 001 LEC, 10:00am-11:50am MF, BohH 108; Practicum arr; ; Mweti PhD, Chang'aa, 3 cr	33239 811 LEC, 06:00pm-08:40pm W, Engr 177; Meets with: 33131 SAFE 6401; Ballavance, Brett Alan, 3 cr	30269 001 LEC, 02:00pm-03:50pm M, DAdB 16A, 02:00pm-02:50pm WF, DAdB 16A; Maiolo, Joseph C, 4 cr
33152 002 LEC, 08:00am-09:50am MF, BohH 108; Practicum arr; ; Mweti PhD, Chang'aa, 3 cr	<b>8310 Project Methodology and Practice</b> (A-F; prereq 5110, 5120, 5130, 5160)	<b>3121 Writing Poetry</b> (A-F only)
<b>4347 Second Language Acquisition &amp; ELL: How Second Languages are Learned &amp; Methods for Teaching</b> (A-F only; prereq IESE candiate, 3326; no grad credit)	31395 811 LEC, 06:00pm-08:40pm M, Engr 118; Meeting dates to be added.; Rosandich PhD, Ryan G, 3 cr	29917 001 LEC, 11:00am-11:50am MF, H 464, 11:00am-12:50pm W, H 464; Basham, Kate, 4 cr
33153 001 LEC; Course will be conducted in an on-line learning environment.; , 2 cr	33203 812 LEC, 06:00pm-08:40pm M, Room TBA; Rosandich PhD, Ryan G, 3 cr	<b>3333 Children's Literature: Texts and Contexts</b> (A-F only)
<b>4366 Teaching Elementary Social Studies I</b> (A-F only; prereq IESE Candidate; no Grad School cr)	<b>8333 FTE: Master's</b> (NGA; prereq Master's student, adviser and DGS consent)	32079 001 LEC, 11:00am-12:50pm TTh, ABAH 245; Sigler, Carolyn, 4 cr
33154 001 DEM, 02:00pm-03:15pm TTh, Room TBA, DULUTH; Brice, Lynn M, 3 cr	34536 001 DR5; Rosandich PhD, Ryan G, 1 cr	<b>3501 British Literature I</b> (A-F only; prereq Engl major or minor or teach comm art/lit major or minor or elem-middle educ comart/lit specialization)
33155 002 DEM, 03:30pm-04:45pm TTh, SBE 17; , 3 cr	<b>8777 Thesis Credits: Master's</b> (max crs 50; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 10 cr total required (Plan A only))	29683 001 LEC, 12:00pm-12:50pm MF, ABAH 235, 12:00pm-01:50pm W, ABAH 235; , 4 cr
<b>4600 Student Teaching</b> (max crs 12; S-N only; prereq 3381, 4346 and 4347, no Grad School cr)	31851 819 THE; Chen, Hongyi, 1-18 cr	<b>3563 American Literature I</b> (A-F only)
28772 001 PRC; , 6-12 cr	31394 820 THE; Yu, Xun, 1-18 cr	28046 001 LEC, 02:00pm-02:50pm MF, Chem 251, 02:00pm-03:50pm W, SBE 16; Zuck, Rochelle Raineri, 4 cr
29073 002 PRC; , 6-12 cr	33210 821 THE; Zhou, Debao, 1-18 cr	<b>3906 Methods of Literary Study</b> (A-F only; prereq WRIT 1120, Engl major or Tch Comm Art/Lit major or instr consent)
29462 003 PRC; , 6-12 cr	<b>8993 Engineering Management Seminar</b> (max crs 2; S-N; prereq Grad student, dept consent)	28047 001 LEC, 03:00pm-04:50pm TTh, H 403; Kowino, Hilary Chala, 4 cr
29463 004 PRC; , 6-12 cr	31486 001 SEM, 12:00pm-12:50pm M, Engr 177; Meets with: 31485 IE 4993; Feyen, Robert G, 1 cr	<b>4097 Internship in Publishing</b> (max crs 8; S-N only; prereq minimum 60 credits, instr consent)
29464 005 PRC; , 6-12 cr	<b>ENGLISH (Engl)</b>	Credit cannot be applied to Grad School program)
29465 006 PRC; , 6-12 cr	<b>College of Liberal Arts</b>	30008 001 IEX; Bock, Carol Ann, 1-4 cr
29466 007 PRC, 6-12 cr	<b>1001 Great American Authors</b> (A-F only; meets LE req of LE CAT9)	<b>4292 Literature into Film</b> (A-F only; prereq Min 90 cr (10 cr lit) or instr consent)
29467 008 PRC, 6-12 cr	29334 001 LEC, 10:00am-10:50am MWF, MonH 70; Schwetman, John David, 3 cr	31313 001 LEC, 02:00pm-03:50pm TTh, H 314; Maiolo, Joseph C, 4 cr
29687 009 PRC; , 6-12 cr	<b>1101 Literature Appreciation</b> (Credit will not be granted if credit has been received for: ENGL 1907; A-F only; prereq Primarily for nonmajors but also for potential majors and creative writers; meets LE req of LE CAT9)	<b>4909 Senior Portfolio</b> (S-N only; prereq Engl major, sr)
31155 010 PRC; , 6-12 cr	30020 001 LEC, 09:00am-09:50am MWF, Chem 150; Schwetman, John David, 3 cr	29119 001 SEM; Sigler, Carolyn; Schwetman, John David; Twu, Krista Sue-Lo; Cannan, Paul D; Zuck, Rochelle Raineri; Basham, Kate; Kowino, Hilary Chala; Brier, Evan, 1 cr
31156 011 PRC; , 6-12 cr	<b>1535 King Arthur in History, Literature, and Art</b> (A-F only; meets LE req of LE CAT9)	<b>4931 Practicum in Teaching Literature</b> (A-F only; prereq 3906, sr, 4 other upper division literature courses and instr consent; no Grad School cr)
31157 012 PRC, 6-12 cr	30850 001 LEC, 09:00am-10:50am M, H 403, 09:00am-09:50am WF, H 403; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; , 4 cr	29206 001 PRC; Twu, Krista Sue-Lo, 4 cr
31158 013 PRC, 6-12 cr	<b>1575 20th-Century Literature</b> (A-F only; prereq Primarily for nonmajors; meets LE req of LE CAT9)	<b>5097 Internship in Publishing</b> (max crs 3; S-N only; prereq 8906, instr consent)
<b>4650 Student Teaching in Individual Subjects: K-8</b> (max crs 7; 7 repeats allowed; S-N only; prereq Art ed cand or music ed cand, or phy ed cand or instr consent; no Grad School credit)	30264 001 LEC, 10:00am-11:50am TTh, H 314; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Bock, Martin F, 4 cr	30009 001 IEX; Bock, Carol Ann, 1-3 cr
28890 001 PRC; , 6 cr	<b>1582 Introduction to World Literatures</b> (A-F only; meets LEIP req of LEIP CAT09)	<b>5222 Shakespeare</b> (A-F only; prereq 6 cr literature)
29552 002 PRC; , 6 cr	28045 001 LEC, 11:00am-12:50pm TTh, Chem 155; Kowino, Hilary Chala, 4 cr	29585 001 LEC, 04:00pm-05:50pm MW, H 468; , 4 cr
29553 003 PRC; , 6 cr	30015 002 LEC, 12:00pm-01:50pm MW, H 403; Schwetman, John David, 4 cr	<b>5312 Chaucer</b> (A-F only; prereq 6 cr literature)
29554 004 PRC; , 6 cr	<b>1803 Freshman Seminar: Unseen Reality</b> (A-F only; prereq Freshman, fewer than 30 cr.; meets LE req of LE CAT9)	32137 001 LEC, 03:00pm-04:50pm TTh, Cina 102; Twu, Krista Sue-Lo, 4 cr
29555 005 PRC, 6 cr	32076 001 SEM, 09:00am-10:50am MW, BohH 343; Bock, Carol Ann, 4 cr	<b>5375 Modern Poetry</b> (A-F only; prereq 6 cr literature)
29558 006 PRC, 6 cr	<b>1907 Introduction to Literature</b> (Credit will not be granted if credit has been received for: ENGL 1101; A-F only; prereq Primarily for nonmajors; meets LE req of LE CAT9)	32138 001 LEC, 03:00pm-04:50pm TTh, Library 409; Bock, Martin F, 4 cr
<b>4991 Independent Study</b> (max crs 6; 6 repeats allowed; A-F only; prereq dept consent; no Grad School cr)	29217 001 LEC, 03:00pm-03:50pm MWF, SCC 120; Schwetman, John David, 3 cr	<b>5572 American Renaissance</b> (A-F only; prereq 6 cr lit)
28773 001 IND, 1-6 cr	<b>2571 Contemporary Literature</b> (A-F only; meets LE req of LE CAT9)	32140 001 LEC, 10:00am-11:50am MW, H 480; Zuck, Rochelle Raineri, 4 cr
<b>ENGINEERING MANAGEMENT (EMgt)</b>	28052 001 LEC, 12:00pm-01:50pm TTh, H 314; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Brier, Evan, 4 cr	<b>5591 Independent Study</b> (max crs 8; 8 repeats allowed; A-F only; prereq instr consent , max 6 cr may be applied to Grad School program)
<b>Swenson College of Science &amp; Engineering</b>		31778 001 IND; Sigler, Carolyn; Bock, Carol Ann, 1-5 cr
<b>4110 Engineering Professionalism and Practice</b> (Credit will not be granted if credit has been received for: IE 4155, ME 4155; A-F; prereq COMP 3130 or 3150 or 3180 and BSChE or BSECE or BSIE or BSME candidate within 2 semesters of graduation, or instructor consent; no Grad School credit)		
001 LEC, 10:00am-10:50am T, VKH 221; Zierden, Heidi Sue		
30295 002 LAB, 10:00am-11:50am Th, Room TBA, DULUTH; Zierden, Heidi Sue, 2 cr		
<b>5110 Management of Engineers and Technology</b> (A-F; prereq EMgt student or dept consent)		
31189 811 LEC, 06:00pm-08:40pm M, KPlz 173, 3 cr		
31698 812 LEC, 06:00pm-08:40pm M, Room TBA, OFFCMPUMD, 3 cr		
31699 813 LEC, 06:00pm-08:40pm M, Room TBA, OFFCMPUMD, 3 cr		
<b>5160 Quality Management</b> (A-F; prereq EMgt student or dept consent.)		
33221 811 LEC, 06:00pm-08:40pm T, VKH 221, 3 cr		
33222 812 LEC, 06:00pm-08:40pm T, Room TBA, 3 cr		
33223 813 LEC, 06:00pm-08:40pm T, Room TBA, 3 cr		



- 5663 Readers and the History of Books**  
(A-F only; prereq Jr or sr or grad student or instr consent)
- 31749 001 LEC, 01:00pm-02:50pm M, KPlz 385, 01:00pm-02:50pm W, H 464; Bock, Carol Ann, 4 cr
- 5821 History of the English Language**  
(A-F only)
- 32141 001 LEC, 12:00pm-01:50pm TTh, H 468; Twu, Krista Sue-Lo, 4 cr
- 5902 Teaching Language, Cognition, and Writing**  
(A-F only; prereq Teach comm art/lit major or minor or TESOL licensure or elem/middle educ comart/lit specialization or instr consent)
- 28789 001 LEC, 08:00am-09:50am MW, Library 409; Miller Cleary, Linda, 4 cr
- 29425 002 LEC, 04:00pm-05:50pm MW, H 490; Witikko, Neil, 4 cr
- 5922 Teaching Literature and Communication**  
(S-N only; prereq 5902, teach comm art/lit major or minor or TESOL licensure or instr consent)
- 28051 001 LEC, 11:00am-12:50pm MW, Library 409, 05:00pm-05:50pm T, KPlz 143; Miller Cleary, Linda, 5 cr
- 8444 FTE: Doctoral**  
(NGA; prereq doctoral student, adviser and DGS consent)
- 28952 001 DRS; Twu, Krista Sue-Lo, 1 cr
- 8906 Introduction to Critical Theory**  
(A-F only; prereq Grad Student)
- 28050 001 LEC, 03:00pm-04:50pm TTh, SCC 6; Brier, Evan, 4 cr
- 8931 Practicum in Teaching Literature**  
(A-F only; prereq 8 cr grad-level literature or instructor consent)
- 28934 001 PRC; Brier, Evan; Twu, Krista Sue-Lo; Schwetman, John David, 4 cr

## ENVIRONMENTAL EDUCATION (EnEd)

### College of Education & Human Service Professions

- 1000 Introduction to Outdoor Recreation**  
(A-F only; prereq Credit will not be granted if already received for REC 1000)
- 30765 001 LEC, 02:00pm-03:50pm MW, SpHC 208; Ernst, Julie Ann, 4 cr
- 3341 Field Interpretive Techniques I**  
(A-F only; prereq Rec 2300 or instr consent ; credit will not be granted if already received for REC 3341)
- 28643 001 LEC, 02:00pm-04:50pm W, SpHC 9; Course includes off campus field trip.; Beery, Thomas Harold, 3 cr
- 29252 002 LEC, 02:00pm-04:50pm W, SpHC 9A; Course includes off campus field trip.; Bates, Timothy Alan, 3 cr
- 4163 Outdoor Education Methods**  
(A-F only; prereq Rec 3342 or instr consent ; no Grad School cr; credit will not be granted if already received for EDUC 4163)
- 30764 001 LEC, 02:00pm-04:50pm Th, SpHC 9A; Course includes a weekend field trip.; Gilbertson, Kenneth Lloyd; Bates, Timothy Alan, 3 cr
- 4315 Operations and Management**  
(A-F only; prereq 2300 or instr consent ; no Graduate School credit)
- 28644 001 LEC, 09:00am-09:50am MTWTh, SpHC 9; Gilbertson, Kenneth Lloyd, 4 cr
- 4410 Ropes Course Management**  
(A-F only; prereq Rec 2300 or instr consent , no Grad School cr; credit will not be granted if already received for Rec 4410)
- 30116 001 LEC, 01:00pm-04:00pm T, SpHC 9A; Course meets off-campus after 1st week.; Zmudy PhD, Mark Howard, 3 cr

- 4601 Wilderness Philosophy**  
(prereq No Grad School cr; credit will not be granted if already received for Educ 4601)
- 29234 001 LEC, 05:00pm-06:50pm M, SpHC 9, 05:00pm-06:50pm M, SpHC 9A; Course includes a weekend field trip.; Beery, Thomas Harold, 2 cr
- 4996 Outdoor Education Internship**  
(S-N only; prereq Rec major, instr consent ; no Grad School cr; credit will not be granted if already received for Rec 4996)
- 28645 001 IEX; Beery, Thomas Harold, 12 cr
- 31964 002 IEX; Gilbertson, Kenneth Lloyd, 12 cr
- 31965 003 IEX; Ernst, Julie Ann, 12 cr
- 31966 004 IEX; Zmudy PhD, Mark Howard, 12 cr
- 5165 Theories and Models in Outdoor Education**  
(A-F only; prereq instr consent ; no Grad School cr; credit will not be granted if already received for Educ 5165)
- 29903 001 LEC; (Wolf Ridge Environmental Learning Center) When on campus course meet in SpHC 9A.; Gilbertson, Kenneth Lloyd, 2 cr
- 5850 Classroom Applications**  
(A-F only; prereq MED candidate or instr consent , no Graduate School credit)
- 29715 001 LEC, 01:30pm-06:00pm F, SpHC 9, OFFCAMPUMD; (Wolf Ridge Environmental Learning Center Certificate Course); Ernst, Julie Ann, 2 cr
- 5855 Programming for School Systems**  
(A-F only; prereq 5850, Educ 5850 or instr consent , no Graduate School credit)
- 31974 001 LEC, 12:00pm-02:50pm T, Room TBA, DULUTH; Ernst, Julie Ann, 2 cr
- 5998 Outdoor Education Seminar**  
(max crs 3; 3 repeats allowed; S-N only; prereq instr consent , no Grad School cr; credit will not be granted if already received for Rec 4998)
- 28646 001 SEM, 03:00pm-03:50pm M, SpHC 9; Beery, Thomas Harold, 1 cr

## ENVIRONMENTAL SCIENCE (ESci)

### Swenson College of Science & Engineering

- 2210 Science and Management of Environmental Systems**  
(A-F only; prereq Biol 1011, Chem 1151, Chem 1152, Geol 1110 or instr consent)
- 30601 001 LEC, 10:00am-10:50am MF, SBE 40, 10:00am-11:50am W, Cina 106; Additional work is required outside the classroom.; Gallup, Christina D, 4 cr
- 3101 Nonrenewable Resources**  
(A-F only; prereq 2210, Chem 1151 or 1161, Phys 2011 or instr consent)
- 30910 001 LEC, 01:00pm-01:50pm MF, Chem 251, 01:00pm-02:50pm W, Chem 251; Wattrus, Nigel James, 4 cr

## ENVIRONMENTAL STUDIES (ES)

### College of Liberal Arts

- 1001 Introductory Seminar**  
(A-F)
- 30458 001 LEC, 02:00pm-02:50pm MW, Engr 290; Mageau, Michael T, 2 cr
- 3500 Ecological Economics**  
(A-F; prereq [ES or URS major] and [Econ 1022 or Econ 1023] or instr consent)
- 33139 001 LEC, 10:00am-10:50am MWF, Engr 118; Mageau, Michael T, 3 cr
- 4001 Independent Study**  
(max crs 3; A-F; prereq 60 cr or instr consent ; no Grad School credit)
- 28896 001 IND, 1-3 cr
- 5001 Environmental Studies Seminar**  
(A-F; prereq ES major, 90 cr; no Grad School credit)
- 30459 001 LEC, 11:30am-01:10pm MW, Cina 316; Mageau, Michael T, 4 cr

## EXERCISE SCIENCE ATHLETIC TRAINING (ESAT)

### College of Education & Human Service Professions

- 2400 Applied Exercise Science**  
(A-F only; prereq Pre pe major or coaching minor; credit will not be granted if already received for PEP 3035 or CC 3101)
- 30808 090 LEC, 05:00pm-07:40pm M, SpHC 208; (Open CE Reserve seats will be available to UMD students 08/30/11.); 5 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Harkins, Kenneth J, 3 cr
- 2420 Resistance and Power Training Techniques**  
(A-F only; prereq Exercise science major, min 30 cr.)
- 001 LEC, 09:00am-09:50am MW, SpHC 210
- 30915 002 LAB, 09:00am-10:50am T, SpHC 29; , 3 cr
- 2620 Prevention and Care of Athletic Injuries**  
(A-F only; prereq Athletic training major; credit will not be granted if already received for PEP 2620)
- 29383 001 LEC, 09:00am-09:50am MW, SpHC 22; , 2 cr
- 2697 Clinical Experience in Athletic Training I**  
(A-F only; prereq 2610, Athletic Training major)
- 29384 001 CLN, 08:00am-09:15am TTh, SpHC 22; Streveler, Megan Jane, 2 cr
- 3200 Motor Learning and Development**  
(A-F only; prereq Athletic training cand or exercise science cand or pre pre or pe cand or instr consent)
- 001 LEC, 01:00pm-01:50pm MTWTF, SpHC 207, 01:00pm-01:50pm MTWTF, SpHC 135; Millslagle, Duane G.
- 28688 002 LAB, 02:00pm-03:15pm T, SpHC 205, 02:00pm-03:15pm T, SpHC 135; Millslagle, Duane G., 5 cr
- 28689 003 LAB, 03:30pm-04:45pm T, SpHC 205, 03:30pm-04:45pm T, SpHC 135; SpHC 135 as second room; Millslagle, Duane G., 5 cr
- 30758 004 LAB, 03:00pm-04:15pm M, SpHC 205, 03:00pm-04:15pm M, SpHC 135; Millslagle, Duane G., 5 cr
- 3210 Exercise Adherence**  
(A-F only; prereq Exercise science cand or instr consent)
- 29625 001 LEC, 11:00am-11:50am MWF, SpHC 210; Millslagle, Duane G., 3 cr
- 3300 Human Biomechanics**  
(A-F only; prereq Phys 1001, athletic training cand or exercise science cand or instr consent)
- 001 LEC, 02:00pm-02:50pm MWF, SpHC 207; Levy, Morris
- 29120 002 LAB, 08:00am-09:15am T, SpHC 205, 08:00am-09:15am T, FH 25; Levy, Morris, 4 cr
- 29121 003 LAB, 09:30am-10:45am T, SpHC 205, 09:30am-10:45am T, FH 25; Levy, Morris, 4 cr
- 30759 004 LAB, 09:30am-10:45am Th, SpHC 205, 09:30am-10:45am Th, FH 25; Levy, Morris, 4 cr
- 3400 Exercise Physiology**  
(A-F only; prereq Hlth 2040 or PHSL 3011, athletic training or exercise science cand or instr consent)
- 001 LEC, 09:00am-09:50am MWF, SpHC 207; Keener PhD, John R
- 28634 002 LAB, 03:00pm-04:15pm W, SpHC 201; Keener PhD, John R, 4 cr
- 28635 003 LAB, 01:30pm-02:45pm Th, SpHC 201; Keener PhD, John R, 4 cr
- 3410 Performance Nutrition and Weight Management**  
(A-F only; prereq Hlth 1470, athletic training cand or exer science cand or instr consent)
- 28939 001 LEC, 12:00pm-12:50pm MTWTF, SpHC 208; Harkins, Charlene Gail, 4-5 cr

<b>3420</b>	<b>Exercise Testing and Prescription</b> (A-F only; prereq 3400, athletic training or exercise science cand or instr consent) 001 LEC, 10:00am-10:50am MWF, SpHC 207, 10:00am-10:50am F, FH 25; Harkins, Kenneth J	<b>4697</b>	<b>Clinical Experiences in Athletic Training V</b> (A-F only; prereq 3697, Athletic Training major, no Grad School cr) 29387 001 CLN, 12:00pm-12:50pm TTh, SpHC 22; Streveler, Megan Jane, 2 cr	<b>3141</b>	<b>Business Communications</b> (A-F only; prereq LSBE cand or Econ major or college consent) 28323 001 LEC, 08:00am-08:50am MWF, LSBE 237; (LSBE candidates); Meets with: 28324 FMIS 3141; Anders, Abram Daniel, 3 cr
29172	002 LAB, 08:00am-09:15am Th, SpHC 201; Harkins, Kenneth J, 4 cr	<b>4700</b>	<b>Statistics and Research Methods in Exercise Science</b> (A-F only; prereq 12 cr from 3200, 3300, 3400, 3410, athletic training or exercise science candidate, no Grad School cr) 29087 001 LEC, 11:00am-11:50am MTWF, SpHC 207; Levy, Morris, 4 cr	28324	002 LEC, 08:00am-08:50am MWF, LSBE 237; (Economics majors); Meets with: 28323 FMIS 3141; Anders, Abram Daniel, 3 cr
29581	003 LAB, 09:30am-10:45am Th, SpHC 201; Harkins, Kenneth J, 4 cr	<b>4710</b>	<b>Applied and Experimental Exercise Science</b> (A-F only; prereq 4700 or instr consent, exercise science cand, no Grad School cr) 31971 001 LEC, 01:00pm-02:50pm MW, SpHC 201, 01:00pm-02:50pm MW, SpHC 205; , 4 cr	29030	003 LEC, 10:00am-10:50am MWF, LSBE 237; (LSBE candidates); Meets with: 29031 FMIS 3141; Anders, Abram Daniel, 3 cr
<b>3430</b>	<b>Principles of Strength and Conditioning Programs</b> (A-F only; prereq 3400, athletic training or exercise science cand or instr consent) 001 LEC, 08:00am-08:50am MWF, SpHC 208	<b>4996</b>	<b>Internship</b> (max crs 12; 4 repeats allowed; S-N only; prereq 3420, exercise candidate, instr consent; no Grad School cr) 28632 001 IEX; Harkins, Kenneth J, 3-12 cr	29031	004 LEC, 10:00am-10:50am MWF, LSBE 237; (Economics majors); Meets with: 29030 FMIS 3141; Anders, Abram Daniel, 3 cr
30546	002 LAB, 08:00am-09:15am Th, SpHC 29, 08:00am-09:15am Th, FH 25; , 4 cr			29077	005 LEC, 01:00pm-01:50pm MWF, LSBE 237; (LSBE candidates); Meets with: 29078 FMIS 3141; Anders, Abram Daniel, 3 cr
<b>3432</b>	<b>Exercise Leadership</b> (A-F only; prereq Exercise science cand or instr consent) 29709 001 LEC, 12:00pm-12:50pm MWF, SpHC 210, 12:00pm-12:50pm MWF, SpHC 135; Skrbich, Karen O, 3 cr			29078	006 LEC, 01:00pm-01:50pm MWF, LSBE 237; (Economics majors); Meets with: 29077 FMIS 3141; Anders, Abram Daniel, 3 cr
<b>3440</b>	<b>Clinical Exercise Physiology</b> (A-F only; prereq 3420, exercise science cand or instr consent) 001 LEC, 12:00pm-12:50pm MWF, SpHC 207; Harkins, Kenneth J			29377	007 LEC, 09:30am-10:45am TTh, LSBE 237; (Accounting majors and candidates only); Meets with: 29378 FMIS 3141; Wang, Junhua, 3 cr
30617	002 LAB, 10:00am-10:50am T, SpHC 201, 11:00am-11:50am Th, SpHC 201; Harkins, Kenneth J, 5 cr	<b>FAMILY MEDICINE (FMed)</b> <b>Duluth School of Medicine</b>		29378	008 LEC, 09:30am-10:45am TTh, LSBE 237; Meets with: 29377 FMIS 3141; Wang, Junhua, 3 cr
30618	003 LAB, 12:00pm-12:50pm TTh, SpHC 201; Harkins, Kenneth J, 5 cr	<b>5591</b>	<b>Independent Study</b> (max crs 12; 12 repeats allowed; prereq Department consent) 29090 001 LAB; Davis, Gary L, 1-8 cr	29469	009 LEC, 03:30pm-04:45pm TTh, LSBE 237; (LSBE candidates); Meets with: 29470 FMIS 3141; Wang, Junhua, 3 cr
<b>3450</b>	<b>Management of Fitness Facilities</b> (A-F only; prereq Exercise science cand or instr consent) 28158 001 LEC, 09:30am-10:45am TTh, SpHC 8; Skrbich, Karen O, 3 cr	<b>6967</b>	<b>The Healer's Art</b> (P-N only; prereq Regis med student, instr consent, no Grad School credit) 29471 001 DIS; Pearson MD, Jen; Westra, Ruth E, 1 cr	29470	010 LEC, 03:30pm-04:45pm TTh, LSBE 237; (Economics majors); Meets with: 29469 FMIS 3141; Wang, Junhua, 3 cr
<b>3600</b>	<b>Clinical Kinesiology</b> (A-F only; prereq 2610, athletic training major; credit will not be granted if already received for PEP 3632) 29902 001 LEC, 08:00am-08:50am MW, SpHC 22, 08:00am-09:50am F, SpHC 22; Gear PhD, William S, 4 cr	<b>6987</b>	<b>Obstetrical Longitudinal Course</b> (P-N only; prereq Preregis med, instr consent, cannot be concurrently registered for FMed 6977) 29829 001 LEC; Westra, Ruth E, 1 cr	30897	011 LEC, 12:30pm-01:45pm TTh, LSBE 237; Meets with: 30898 FMIS 3141; Wang, Junhua, 3 cr
<b>3632</b>	<b>Upper Extremity Injury Evaluation</b> (A-F only; prereq 3630, athletic training major) 30620 001 LEC, 10:00am-10:50am MWF, SpHC 22, 11:00am-11:50am Th, SpHC 22; Streveler, Megan Jane, 4 cr	<b>6997</b>	<b>Rural Academy of Leadership</b> (P-N; prereq Preregis med, instr consent) 30716 001 LEC; Westra, Ruth E, 1 cr	30898	012 LEC, 12:30pm-01:45pm TTh, LSBE 237; Meets with: 30897 FMIS 3141; Wang, Junhua, 3 cr
<b>3642</b>	<b>Therapeutic Exercise</b> (A-F only; prereq 3640, athletic training major; credit will not be granted if already received for PEP 3610) 30766 001 LEC, 11:00am-11:50am MTWF, SpHC 22; , 4 cr	<b>7100</b>	<b>Clinical Family Medicine</b> (max crs 117; 9 repeats allowed; P-N only; prereq dept consent; no Grad School credit) 28685 001 CLN; Westra, Ruth E, 13 cr	<b>3220</b>	<b>Database Management and Design</b> (A-F; prereq 2201 or CS 1121 or CS 1511, LSBE cand or college consent) 28747 001 LEC, 09:00am-09:50am MWF, LSBE 237; Li, Dahui, 3 cr
<b>3697</b>	<b>Clinical Experiences in Athletic Training III</b> (A-F only; prereq 2698, Athletic Training major) 29385 001 CLN, 09:30am-10:45am TTh, SpHC 22; Streveler, Megan Jane, 2 cr			<b>3222</b>	<b>Systems Analysis and Design</b> (A-F only; prereq 2201, LSBE cand or college consent.) 28332 001 LEC, 03:00pm-04:15pm MW, LSBE 165; Li, Dahui, 3 cr
<b>4590</b>	<b>Research in Athletic Training</b> (A-F only; prereq 3610 and 3698; no grad school credit) 31328 001 LEC, 12:00pm-12:50pm MWF, SpHC 22; Gear PhD, William S, 3 cr	<b>FINANCE &amp; MANAGEMENT INFORMATION (FMIS)</b> <b>Labovitz School of Business &amp; Economics</b>		<b>3224</b>	<b>Data Communications and Computer Networks</b> (A-F only; prereq 3201 or 2201 or CS 1121 or CS 1511, LSBE cand or college consent) 29322 001 LEC, 11:00am-11:50am MWF, LSBE 165; Li, Dahui, 3 cr
<b>4610</b>	<b>Orthopedic Seminar</b> (A-F only; prereq 3698; no grad credit) 31324 001 SEM, 05:00pm-05:50pm M, SpHC 22; Gear PhD, William S; , 1 cr	<b>2201</b>	<b>Information Technology in Business</b> (Credit will not be granted if credit has been received for: CS 1011; A-F only; prereq LSBE student or Computer Information Systems majors, min 15 cr or college consent) 29749 001 LEC, 11:00am-11:50am MWF, LSBE 118; (LSBE students and 15 cr); Meets with: 29750 FMIS 2201; Hassan, Nik R., 3 cr	<b>3232</b>	<b>Visual Web Programming</b> (A-F only; prereq 2201 or 3201, 3220 or concurrently, LSBE candidate or college consent) 30487 001 LEC, 12:30pm-01:45pm TTh, LSBE 135; Lee, Seung Chan, 3 cr
<b>4646</b>	<b>Medical Aspects of Athletic Training</b> (A-F only; prereq 3642, 3698, Athletic Training major, no Grad School cr) 29717 001 LEC, 06:00pm-08:50pm W, SpHC 22; Streveler, Megan Jane, 3 cr	29750	002 LEC, 11:00am-11:50am MWF, LSBE 118; (Information Systems Management students and 15 cr); Meets with: 29749 FMIS 2201; Hassan, Nik R., 3 cr	<b>3291</b>	<b>Independent Study MIS</b> (Credit will not be granted if credit has been received for: FMIS 3691; max crs 9; 3 repeats allowed; A-F; prereq dept consent) 30352 001 IND; Credit will not be granted if credit received for: 3991; Wong, Shee Q, 1-3 cr
<b>4650</b>	<b>Administrative Aspects of Athletic Training</b> (A-F only; prereq 4001, Athletic Training major, no Grad School credit) 29802 001 LEC, 09:30am-10:45am TTh, SpHC 210; , 3 cr	29751	003 LEC, 12:00pm-12:50pm MWF, LSBE 118; (LSBE students and 15 cr); Meets with: 29752 FMIS 2201; Hassan, Nik R., 3 cr	<b>3301</b>	<b>Production and Operations Management</b> (A-F only; prereq LSBE cand or approved non-LSBE bus adm minor or college consent) 28333 001 LEC, 01:00pm-01:50pm MWF, LSBE 129; (LSBE candidates); Meets with: 28334 FMIS 3301; , 3 cr
		29752	004 LEC, 12:00pm-12:50pm MWF, LSBE 118; (Information Systems Management students and 15 cr); Meets with: 29751 FMIS 2201; Hassan, Nik R., 3 cr	28334	002 LEC, 01:00pm-01:50pm MWF, LSBE 129; (Non-LSBE Business Adm minors); Meets with: 28333 FMIS 3301; , 3 cr
		29761	005 LEC, 09:30am-10:45am TTh, LSBE 118; (LSBE students and 15 cr); Meets with: 29762 FMIS 2201; Lee, Seung Chan, 3 cr	29032	003 LEC, 04:00pm-05:15pm MW, LSBE 135; (LSBE candidates); Meets with: 29033 FMIS 3301; Klingner, Jill M, 3 cr
		29762	006 LEC, 09:30am-10:45am TTh, LSBE 118; (Information Systems Management students and 15 cr); Meets with: 29761 FMIS 2201; Lee, Seung Chan, 3 cr	29033	004 LEC, 04:00pm-05:15pm MW, LSBE 135; (Non-LSBE Business Adm minors); Meets with: 29032 FMIS 3301; Klingner, Jill M, 3 cr
		30917	007 LEC, 02:00pm-03:15pm TTh, LSBE 118; Meets with: 30918 FMIS 2201; , 3 cr	29034	005 LEC, 08:00am-08:50am MWF, LSBE 135; (LSBE candidates); Meets with: 29035 FMIS 3301; , 3 cr
		30918	008 LEC, 02:00pm-03:15pm TTh, LSBE 118; Meets with: 30917 FMIS 2201; , 3 cr	29035	006 LEC, 08:00am-08:50am MWF, LSBE 135; (Non-LSBE Business Adm minors); Meets with: 29034 FMIS 3301; , 3 cr

29379	007 LEC, 03:00pm-03:50pm MWF, LSBE 129; (LSBE candidates); Meets with: 29380 FMIS 3301; , 3 cr	4220	<b>Medical Informatics</b> (A-F only; prereq 2201 or 3201, LSBE cand or college consent, no Grad School cr)	6109	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	
29380	008 LEC, 03:00pm-03:50pm MWF, LSBE 129; (Non-LSBE Business Adm minors); Meets with: 29379 FMIS 3301; , 3 cr	30003	001 LEC, 09:00am-09:50am MWF, LSBE 225; Hassan, Nik R., 3 cr	32096	001 LEC, 1-20 cr	
29955	009 LEC, 11:00am-12:15pm TTh, LSBE 129; (LSBE candidates); Meets with: 29956 FMIS 3301; , 3 cr	4225	<b>Advanced Applications Development</b> (A-F; prereq 3220, 3222, MIS major or college consent)	2200	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	
29956	010 LEC, 11:00am-12:15pm TTh, LSBE 129; (Non-LSBE Business Adm minors); Meets with: 29955 FMIS 3301; , 3 cr	30492	001 LEC, 03:30pm-04:45pm TTh, LSBE 165; Lee, Seung Chan, 3 cr	32097	001 LEC, 1-20 cr	
3397	<b>LSBE Internship</b> (A-F only; prereq Admitted to LSBE candidacy, consent of internship director)	4615	<b>Derivative Securities</b> (A-F only; prereq 3644, LSBE cand with 60 cr or grad student or college consent)	2201	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	
28790	001 IEX; Kaas, Duane A, 3 cr	29323	001 LEC, 11:00am-12:15pm TTh, LSBE 229; Dhatt, Manjeet, 3 cr	32098	001 LEC, 1-20 cr	
3601	<b>Corporate Finance</b> (A-F only; prereq LSBE cand or approved non-LSBE bus adm minor or college consent)	4616	<b>Security Analysis</b> (A-F only; prereq 3644, Acct 3101 or FMIS 3619; dept consent; no Grad School credit)	2202	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office)	
29757	001 LEC, 10:00am-10:50am MWF, LSBE 129; (LSBE candidates); Meets with: 28746 FMIS 3601; Wong, Shee Q, 3 cr	29167	001 LEC, 09:30am-10:45am TTh, LSBE 112; Artim, Joseph Keith, 3 cr	32099	001 LEC, 1-20 cr	
28746	002 LEC, 10:00am-10:50am MWF, LSBE 129; (Non-LSBE Business Adm minors); Meets with: 29757 FMIS 3601; Wong, Shee Q, 3 cr	4620	<b>Portfolio Theory and Analysis</b> (Credit will not be granted if credit has been received for: FMIS 4611; A-F only; prereq 4616, dept consent; no Grad School cr)	2203	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	
29036	003 LEC, 09:00am-09:50am MWF, LSBE 129; (LSBE candidates); Meets with: 29037 FMIS 3601; Wong, Shee Q, 3 cr	29288	001 LEC, 11:00am-12:15pm TTh, LSBE 112; Artim, Joseph Keith, 3 cr	32100	001 LEC, 1-20 cr	
29037	004 LEC, 09:00am-09:50am MWF, LSBE 129; (Non-LSBE Business Adm minors); Meets with: 29036 FMIS 3601; Wong, Shee Q, 3 cr	4644	<b>Portfolio Management</b> (A-F only; prereq 3644, LSBE candidate)	2204	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	
29230	005 LEC, 03:00pm-03:50pm MWF, LSBE 135; (LSBE candidates); Meets with: 29231 FMIS 3601; Vizanko, James, 3 cr	30851	001 LEC, 03:30pm-04:45pm TTh, LSBE 233; Perry, Timothy Tyson, 3 cr	32101	001 LEC, 1-20 cr	
29231	006 LEC, 03:00pm-03:50pm MWF, LSBE 135; (Non-LSBE Business Adm minors); Meets with: 29230 FMIS 3601; Vizanko, James, 3 cr	<b>FOREIGN STUDIES (FORS)</b>			2205	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)
29381	007 LEC, 11:00am-12:15pm TTh, LSBE 135; (LSBE candidates); Meets with: 29382 FMIS 3601; , 3 cr	<b>UMD-Academic Administration</b>			32102	001 LEC, 1-20 cr
29382	008 LEC, 11:00am-12:15pm TTh, LSBE 135; (Non-LSBE Business Adm minors); Meets with: 29381 FMIS 3601; , 3 cr	1100	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	2206	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	
30259	009 LEC, 01:00pm-01:50pm MWF, LSBE 135; (LSBE candidates); Meets with: 30260 FMIS 3601; Vizanko, James, 3 cr	32087	001 LEC, 1-20 cr	32103	001 LEC, 1-20 cr	
30260	010 LEC, 01:00pm-01:50pm MWF, LSBE 135; (Non-LSBE Business Adm minors); Meets with: 30259 FMIS 3601; Vizanko, James, 3 cr	1101	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	2207	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	
3612	<b>Managerial Finance</b> (A-F only; prereq 3601, LSBE cand or college consent)	32088	001 LEC, 1-20 cr	32104	001 LEC, 1-20 cr	
28350	001 LEC, 03:30pm-04:45pm TTh, LSBE 229; , 3 cr	1102	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	2208	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	
30491	002 LEC, 08:00am-09:15am TTh, LSBE 129; , 3 cr	32089	001 LEC, 1-20 cr	32105	001 LEC, 1-20 cr	
3644	<b>Investment Fundamentals</b> (A-F only; prereq 3601, LSBE cand or college consent)	1103	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	2209	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	
28351	001 LEC, 09:30am-10:45am TTh, LSBE 233; Perry, Timothy Tyson, 3 cr	32090	001 LEC, 1-20 cr	32106	001 LEC, 1-20 cr	
29910	002 LEC, 12:30pm-01:45pm TTh, LSBE 233; Perry, Timothy Tyson, 3 cr	1104	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	3131	<b>International Student Teaching</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	
3647	<b>Financial Markets and Institutions</b> (A-F only; prereq 3601, LSBE cand or college consent)	32091	001 LEC, 1-20 cr	31862	001 LEC, 07/30/11-06/01/12; Sersha, James Paul, 1-20 cr	
28361	001 LEC, 11:00am-11:50am MWF, LSBE 233; Hu, Yan, 3 cr	1105	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	3300	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	
29911	002 LEC, 01:00pm-01:50pm MWF, LSBE 233; Hu, Yan, 3 cr	32092	001 LEC, 1-20 cr	32107	001 LEC, 1-20 cr	
3649	<b>International Finance</b> (A-F only; prereq 3601, LSBE cand or college consent)	1106	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	3301	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	
28402	001 LEC, 02:00pm-03:15pm TTh, LSBE 233; Dhatt, Manjeet, 3 cr	32093	001 LEC, 1-20 cr	32108	001 LEC, 1-20 cr	
30031	002 LEC, 08:00am-09:15am TTh, LSBE 233; Dhatt, Manjeet, 3 cr	1107	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad course requires consent from the International Education Office.)	3302	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	
3655	<b>Risk Management and Insurance</b> (A-F only; prereq 3601, LSBE candidate or instr consent)	32094	001 LEC, 1-20 cr	32109	001 LEC, 1-20 cr	
29912	001 LEC, 02:00pm-02:50pm MWF, LSBE 233; Hu, Yan, 3 cr	1108	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)	3303	<b>International Education</b> (max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office)	
3691	<b>Independent Study Finance</b> (Credit will not be granted if credit has been received for: FMIS 3291; max crs 3; A-F; prereq dept consent)	32095	001 LEC, 1-20 cr	32110	001 LEC, 1-20 cr	
28889	001 IND; Wong, Shee Q, 1-3 cr					



- 3304 International Education**  
(max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)  
32111 001 LEC, 1-20 cr
- 3305 International Education**  
(max crs 20; prereq Admission to an approved study abroad program requires consent from the Office of International Education.)  
32112 001 LEC, 1-20 cr
- 3306 International Education**  
(max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)  
32113 001 LEC, 1-20 cr
- 3307 International Education**  
(max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)  
32114 001 LEC, 1-20 cr
- 3308 International Education**  
(max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office)  
32115 001 LEC, 1-20 cr
- 3309 International Education**  
(max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office)  
32116 001 LEC, 1-20 cr
- 4400 International Education**  
(max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office)  
32117 001 LEC, 1-20 cr
- 4401 International Education**  
(max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office)  
32118 001 LEC, 1-20 cr
- 4402 International Education**  
(max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)  
32119 001 LEC, 1-20 cr
- 4403 International Education**  
(max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office.)  
32120 001 LEC, 1-20 cr
- 4404 International Education**  
(max crs 20; prereq Admission to an approved study abroad course requires consent from the International Education Office)  
32121 001 LEC, 1-20 cr
- 4405 International Education**  
(max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office)  
32122 001 LEC, 1-20 cr
- 4406 International Education**  
(max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office)  
32123 001 LEC, 1-20 cr
- 4407 International Education**  
(max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office)  
32124 001 LEC, 1-20 cr
- 4408 International Education**  
(max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office)  
32125 001 LEC, 1-20 cr
- 4409 International Education**  
(max crs 20; prereq Admission to an approved study abroad program requires consent from the International Education Office)  
32126 001 LEC, 1-20 cr

## FOREIGN STUDIES (FST) UMD-Academic Administration

- 228 Foreign Studies Preparation**  
(NGA; prereq instr consent)  
29695 001 LEC, 0 cr
- 3848 Global Studies**  
(max crs 20; prereq Admission to an approved study abroad program. Required consent from the International Education Office.)  
30697 001 LEC, 1-20 cr

## FRENCH (Fr) College of Liberal Arts

- 1101 Beginning French I**  
(A-F only; prereq Little or no prior formal study of this language, or instr consent; meets LE req of LE CAT3)  
31355 001 LEC, 10:00am-10:50am MTThF, H 490; Lindaman, Dana Kristofor, 4 cr  
30732 002 LEC, 12:00pm-12:50pm MTThF, LSBE 165; (Open CE Reserve seats will be available to UMD students 08/31/10.), 4 cr  
32036 003 LEC, 03:00pm-03:50pm MTThF, Engr 280, 4 cr
- 1201 Intermediate French I**  
(A-F only; prereq 3-4 yrs high school Fr or 1102 or instr consent; meets LE req of LE CAT3)  
28039 001 LEC, 08:00am-08:50am MTThF, Chem 251; . 4 cr  
32037 002 LEC, 02:00pm-02:50pm MTThF, LSBE 265; Kovacovic, Milan, 4 cr
- 2301 Advanced French**  
(A-F only; prereq 5 yrs high school Fr or 1202 or instr consent; meets LEIP req of LEIP CAT03)  
31734 001 LEC, 01:00pm-01:50pm MTThF, LSBE 165; Lindaman, Dana Kristofor, 4 cr
- 3591 Independent Study**  
(max crs 8; 8 repeats allowed; A-F only; prereq 2301 with C or better, instr consent)  
28040 001 IND; Kovacovic, Milan, 1-4 cr
- 4412 Contemporary French Culture and Society**  
(A-F only; prereq 2301 with grade of C or higher or instr consent; no Grad School credit)  
32038 001 SEM, 12:00pm-12:50pm MTThF, H 464; Kovacovic, Milan, 4 cr

## GEOGRAPHY (Geog) College of Liberal Arts

- 1202 World Regional Geography**  
(A-F; meets LEIP req of LEIP CAT08)  
28074 001 LEC, 09:30am-10:45am TTh, MonH80; Pine, Adam Marc, 3 cr
- 1304 Human Geography**  
(A-F; meets LECD req of LECD CAT06)  
28081 001 LEC, 09:00am-09:50am MWF, MonH80; Hartley, Susan R, 3 cr
- 1414 Physical Geography**  
(A-F; meets LE req of LE CAT4)  
001 LEC, 08:00am-09:15am TTh, MonH80; Farrell, Pat  
28088 002 LAB, 08:00am-09:40am M, Cina 316, 4 cr  
28089 003 LAB, 08:00am-09:40am W, Cina 316; 1 seat reserved for Continuing Education, 4 cr  
28090 004 LAB, 08:00am-09:40am F, Cina 316; 1 seat reserved for Continuing Education, 4 cr  
28091 005 LAB, 10:00am-11:40am F, Cina 316, 4 cr  
29086 006 LAB, 02:00pm-03:40pm M, Cina 316, 4 cr  
29126 007 LAB, 02:00pm-03:40pm W, Cina 316; Farrell, Pat, 4 cr  
29208 008 LAB, 12:00pm-01:40pm F, Cina 316; Farrell, Pat, 4 cr  
29222 009 LAB, 02:00pm-03:40pm F, Cina 316; Farrell, Pat, 4 cr  
31418 090 LAB, 06:00pm-09:20pm M, Cina 316; 5 seats reserved for Continuing Education; Zhu, Tongxin, 4 cr
- 2306 Environmental Conservation**  
(A-F; meets LE req of LE CAT8)  
31420 001 LEC, 09:30am-10:45am TTh, Cina 316; Zhu, Tongxin, 3 cr

- 2313 Economic Geography**  
(A-F; meets LE req of LE CAT6)  
33176 001 LEC, 08:00am-09:15am TTh, Cina 316; Hanson PhD, Randel Dean, 3 cr
- 2552 Introduction to Maps and Geospatial Information**  
(A-F only; meets LE req of LE CAT2)  
28119 001 LEC, 02:00pm-02:50pm MWF, SCC 120; 1 seat reserved for Continuing Education; Carlson MS, Kate, 3 cr  
34239 350 LEC; (Online Instruction. Students must register by 9/6/11 and complete all requirements by 12/16/11. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. Open CE reserved seats will be available to UMD students on August 30, 2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Carlson MS, Kate, 3 cr
- 3334 Urban Geography**  
(A-F; prereq Min 30 cr incl 3 cr Geog or instr consent)  
30274 001 LEC, 08:00am-09:15am TTh, Engr 290; Pine, Adam Marc, 3 cr
- 3370 Geographies of Development**  
(A-F; prereq Min 30 cr)  
33177 001 LEC, 02:00pm-02:50pm MWF, Cina 308; Kuhlke, Olaf, 3 cr
- 3461 Geography of Global Resources**  
(A-F only; prereq Min 30 cr or instr consent)  
31421 090 LEC, 06:00pm-08:30pm W, Cina 316; (Open CE reserved seats will be available to UMD students on August 30, 2011.); 6 seats reserved for Continuing Education; Hartley, Susan R, 3 cr
- 3532 Map Design and Geographic Visualization**  
(A-F; prereq 2552 or instr consent; Stat 1411 recommended)  
33178 001 LAB, 02:00pm-04:50pm TTh, H 458, 4 cr
- 3533 Multimedia, Animated and Internet Mapping**  
(A-F only; prereq 3532)  
31794 001 LEC, 11:00am-12:30pm MWF, H 458; Carlson MS, Kate, 4 cr
- 3563 Geographic Information Science I: Theory and Analysis**  
(A-F only; prereq 2552; credit will not be granted if already received for 4563 and 4564.)  
31757 001 LEC, 09:00am-10:50am TTh, H 458; . 3 cr
- 3580 Earth Imagery**  
(max crs 8; A-F only; prereq 2552)  
31795 001 LEC, 09:00am-10:30am MWF, H 458; Carlson MS, Kate, 4 cr
- 3702 Geography of the United States and Canada**  
(A-F; prereq Min 30 cr incl 6 cr Geog or instr consent)  
30273 001 LEC, 03:30pm-04:45pm TTh, ABAH 235; Pine, Adam Marc, 3 cr
- 3762 Geography of Europe**  
(A-F; prereq Min 30 cr incl 6 cr Geog or instr consent)  
30468 090 LEC, 06:00pm-08:30pm M, Cina 308; (Open CE reserved seats will be available to UMD students on August 30, 2011.); 5 seats reserved for Continuing Education; Kuhlke, Olaf, 3 cr
- 3991 Independent Study in Geography**  
(max crs 6; 6 repeats allowed; A-F; prereq instr consent)  
28141 001 IND, 1-4 cr
- 3995 Special Topics: (Various Titles to be Assigned)**  
(max crs 8; 8 repeats allowed; A-F; prereq instr consent)  
33179 001 LEC, 03:30pm-04:45pm TTh, Cina 316; Hanson PhD, Randel Dean, 1-4 cr
- 3997 Internship in Geography**  
(max crs 8; 8 repeats allowed; prereq Geog major, 60 cr or instr consent)  
28662 001 IEX, 1-6 cr



31251 006 THE; Hansen, Vicki L, 1-24 cr  
 31252 007 THE; Johnson, Thomas Charles, 1-24 cr  
 31253 008 THE; Miller, Jim, 1-24 cr  
 31254 009 THE; Mooers, Howard D, 1-24 cr  
 31255 010 THE; Morton, Penelope, 1-24 cr  
 31256 011 THE; Morton, Ron L, 1-24 cr  
 31257 012 THE; Swenson, John B, 1-24 cr  
 31258 013 THE; Wattrus, Nigel James, 1-24 cr

**GERMAN (Ger)****College of Liberal Arts**

**1101 Beginning German I**  
 (A-F only; prereq Little or no prior formal study of this language, or instr consent; meets LE req of LE CAT3)  
 28002 001 LEC, 09:00am-09:50am MTThF, H 464; Zinn, Gesa, 4 cr  
 29375 002 LEC, 03:00pm-03:50pm MTThF, H 468; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; , 4 cr  
**1201 Intermediate German I**  
 (A-F only; prereq 3-4 yrs high school Ger or 1102 or instr consent; meets LE req of LE CAT3)  
 28003 001 LEC, 08:00am-08:50am MTThF, H 464; , 4 cr  
 28004 002 LEC, 02:00pm-02:50pm MTThF, H 464; , 4 cr  
**2301 Advanced German**  
 (A-F only; prereq 5 yrs high school Ger or 1202 or instr consent; meets LEIP req of LEIP CAT03)  
 28005 001 LEC, 10:00am-10:50am MTThF, H 464; Zinn, Gesa, 4 cr  
**3591 Independent Study**  
 (max crs 8; 8 repeats allowed; A-F only; prereq 2301 with a grade of C or higher or equiv or instr consent)  
 28006 001 IND; Zinn, Gesa, 1-4 cr  
**3601 German Studies I: Migration and Mythology: Revolt and Revolution**  
 (A-F only; prereq 2301 with a grade of C or instr consent)  
 32017 001 LEC, 10:00am-10:50am MTThF, Library 409, 4 cr

**GRADUATE SCHOOL (Grad)  
UMD-Academic Administration**

**999 Graduate School Active Status**  
 (90 repeats allowed; NGA; prereq Grad School Students Only)  
 29284 001 IND, 0 cr

**HEALTH (Hlth)****College of Education & Human Service Professions**

**1100 Health and Wellness Strategies for Life**  
 (A-F only; meets LE req of LE CAT8)  
 29174 001 LEC, 08:00am-08:50am MWF, SpHC 207; (Open CE Reserve seats will be available to UMD students 08/31/10.); 2 seats reserved for Continuing Education; , 3 cr  
 29175 002 LEC, 01:00pm-01:50pm MWF, SpHC 8; (Open CE Reserve seats will be available to UMD students 08/31/10.); 2 seats reserved for Continuing Education; , 3 cr  
 29325 003 LEC, 08:00am-09:15am TTh, SpHC 208; Tornabene, Ladona L, 3 cr  
 31164 004 LEC, 02:00pm-03:15pm TTh, SpHC 207; Harkins, Charlene Gail, 3 cr  
 29423 @005 LEC, 09/06/11-10/21/11, instruction mode: Distance Education Other; This is a 7-week online course. Students must be registered and begin the course at the start of the semester, which is September 6, 2011, and complete all requirements by October 21, 2011. No exceptions. Enrolled students who do not access the WebVista course during the first week and/or cannot complete the week 1 coursework for any reason will automatically be dropped from the course. Initial course information will be sent to your UMD email account. To activate your account go to <https://www.umn.edu/initiate> and follow the directions.; Versnik Nowak, Amy L, 3 cr

**1104 Health Science Terminology**  
 (max crs 3; 3 repeats allowed; A-F only)  
 28042 200 INI; (Online instruction—16 week course—register anytime. Curriculum is delivered online; students must take three tests on campus. Tests are offered on Tuesdays at 11:00 AM in H 470. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course.</a> Open CE reserved seats will be available to UMD students on August 30, 2011. Partially Internet Delivered); 2 seats reserved for Continuing Education; Skrbich, Karen O, 1-3 cr  
**1470 Human Nutrition**  
 (A-F only; meets LE req of LE CAT5)  
 28043 001 LEC, 10:00am-10:50am MWF, MonH 80; (Open CE Reserve seats will be available to UMD students 08/31/10.); 4 seats reserved for Continuing Education; Harkins, Charlene Gail, 3 cr  
 28044 002 LEC, 02:00pm-02:50pm MWF, BohH 90; (Open CE Reserve seats will be available to UMD students 08/31/10.); 4 seats reserved for Continuing Education; Harkins, Charlene Gail, 3 cr  
 31832 003 LEC, 06:00pm-08:50pm M, SpHC 207; (Online instruction. Students must register by 9/6/11 and complete all requirements by 12/16/11. No exceptions. Initial course information is available at Getting Started On Your Online Course. Internet delivered.); Harkins, Charlene Gail, 3 cr  
 30690 350 LEC; (Online instruction. Students must register by 9/6/11 and complete all requirements by 12/16/11. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course.</a> Open CE reserved seats will be available to UMD students on August 30, 2011. Internet delivered.); 2 seats reserved for Continuing Education; Harkins, Charlene Gail, 3 cr  
**1600 Basic First Aid and CPR**  
 (A-F only)  
 28882 001 LEC, 12:00pm-12:50pm TTh, SpHC 8; (Open CE Reserve seats will be available to UMD students 08/31/10.); Fleissner, Elizabeth A, 2 cr  
 28604 002 LEC, 01:00pm-01:50pm TTh, SpHC 8; (Open CE Reserve seats will be available to UMD students 08/31/10.); Ernst, Julie Ann, 2 cr  
 28605 090 LEC, 06:00pm-07:50pm W, SpHC 8; (Open CE Reserve seats will be available to UMD students 08/30/11.); 5 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Wendinger, Michael J, 2 cr  
**1700 First Responder**  
 (A-F only)  
 28678 001 LEC, 08:00am-08:50am MWF, SpHC 8; Fleissner, Elizabeth A, 3 cr  
 29081 002 LEC, 11:00am-11:50am MWF, SpHC 8; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Skrbich, Karen O, 3 cr  
**2030 Applied Human Anatomy**  
 (A-F only; prereq Athletic training, hlth ed or pe or exer sci or rec major or cand, [Biol 1001 or Biol 1011] and [Chem 1102 or Chem 1113]; credit will not be granted if already received for Biol 1761)  
 001 LEC, 11:00am-11:50am MTWF, MonH 70; Nierengarten, Mark Edward  
 28658 002 LAB, 08:00am-09:15am Th, SpHC 207; Nierengarten, Mark Edward, 4 cr  
 28659 003 LAB, 09:30am-10:45am Th, SpHC 207; Nierengarten, Mark Edward, 4 cr  
**2040 Principles of Human Physiology**  
 (A-F only; prereq Athletic training or hlth ed or pe or rec or ex sci majors or cand or hlth ed minor, 1 sem each of college Biol, Chem, Anat recommended)  
 29603 001 LEC, 02:00pm-02:50pm MTWF, MonH 70; Keener PhD, John R, 4 cr

**3101 Community Health**  
 (A-F only)  
 28639 001 LEC, 02:00pm-03:15pm TTh, SpHC 208; Tornabene, Ladona L, 3 cr  
**3115 Consumer Health Education**  
 (A-F only; prereq Min 30 credits)  
 28570 @001 LEC, 09/06/11-09/30/11, instruction mode: Distance Education Other; This is 4-week online course. Students must be registered and begin the course at the start of the semester, which is September 6, 2011, and complete all requirements by September 30, 2011. No exceptions. Enrolled students who do not access the WebVista course during the first week and/or cannot complete the week 1 coursework for any reason will automatically be dropped from the course. Initial course information will be sent to your UMD email account. To activate your account go to <https://www.umn.edu/initiate> and follow the instructions.; Versnik Nowak, Amy L, 3 cr  
**3202 Drug Education**  
 (A-F only; prereq 45 cr, for students seeking and admitted to the STEP (Secondary Teaching Education program), cand in health education, physical education, exercise science and communication sciences and disorders or instr consent.)  
 28129 001 LEC, 02:00pm-02:50pm TTh, Chem 150; Skrbich, Karen O, 2 cr  
**3301 Foundations of Health Education and Promotion**  
 (A-F only; prereq 1100, hlth ed cand or instr consent)  
 28128 001 LEC, 01:00pm-01:50pm MWF, SpHC 208; Keeney, Georgia Lynn, 3 cr  
**3303 Health Education and Promotion Program**  
 (Credit will not be granted if credit has been received for: HLTH 3450; A-F only; prereq Concurrent registration is required (or allowed) in 3301, hlth ed cand or instr consent)  
 29388 001 LEC, 10:00am-10:50am MWF, SpHC 208; Keeney, Georgia Lynn, 3 cr  
**3400 Facilitating Healthy Lifestyle Change**  
 (A-F only; prereq 3301, health ed/promo minor or instr consent)  
 30899 001 LEC, 09:30am-10:45am TTh, Room TBA, DULUTH; Doane PhD, H Mitzi, 3 cr  
**3500 Environmental Health**  
 (A-F only; prereq hlth ed cand or instr consent)  
 30848 001 LEC, 02:00pm-04:50pm M, SpHC 212; Versnik Nowak, Amy L, 3 cr  
**3992 Readings in Health**  
 (max crs 4; A-F only; prereq instr consent)  
 31763 002 DRD; Doane PhD, H Mitzi, 1-4 cr  
**4000 Professional Issues for Health Educators**  
 (A-F only; prereq 3305, hlth ed candidate or instr consent; no Grad School cr)  
 29386 001 LEC, 02:00pm-05:50pm W, SpHC 212; Tornabene, Ladona L, 4 cr  
**4996 Internship in Health Education**  
 (max crs 15; 3 repeats allowed; S-N only; prereq hlth ed major, instr consent; no Grad School credit)  
 28640 001 IEX; Tornabene, Ladona L, 1-15 cr  
 30724 002 IEX; Versnik Nowak, Amy L, 1-15 cr  
**5992 Readings in Health**  
 (max crs 4; A-F only; prereq instr consent)  
 28940 001 DRD; Doane PhD, H Mitzi, 1-4 cr

**HEALTH CARE MANAGEMENT (HCM)****Labovitz School of Business & Economics**

**4520 Health Care Organization and Management**  
 (A-F; prereq LSBE candidate or college consent , MgtS 3401 preferred but not required, no Grad School cr)  
 29831 001 LEC, 03:00pm-03:50pm MWF, LSBE 233, 3 cr



- 4530 Legal Aspects of and Ethics in Health Care**  
(A-F; prereq LSBE candidate or college consent , no Grad School cr)  
29832 001 LEC, 05:00pm-07:40pm Th, LSBE 225; Johnson, Kathy; Gabrys, Mary P, 3 cr
- 4570 Health Care Quality Management**  
(A-F; prereq 4520, LSBE cand or college consent ; no Grad School cr)  
33264 001 LEC, 02:00pm-03:15pm TTh, LSBE 229, 3 cr
- 4591 Independent Study**  
(max crs 3; A-F; prereq LSBE candidate, instr consent , no Grad School cr)  
29899 001 IND; Schultz, Jennifer, 1-3 cr
- 4595 Special Topics: (Various Titles to be Assigned)**  
(max crs 9; 3 repeats allowed; A-F; prereq LSBE candidate or college consent , 4520 or instr consent , no Grad School cr)  
31548 001 LEC, 08:00am-08:50am MWF, LSBE 233, 1-3 cr
- 4597 Internship**  
(A-F; prereq LSBE candidate, consent of program director or internship director, no Grad School cr)  
29898 001 IEX; Klingner, Jill M; Schultz, Jennifer, 3 cr

**HEALTH, PHYSICAL EDUCATION AND RECREATION (HPER)**

**College of Education & Human Service Professions**

- 3000 Organization and Administration of Health, Physical Education, and Recreation**  
(A-F only; prereq hlth ed or pe or exer sci or rec cand or instr consent)  
31739 001 LEC, 12:00pm-12:50pm MWF, SpHC 8; Fleissner, Elizabeth A, 3 cr
- 3100 Risk Management**  
(A-F only; prereq exer sci or rec cand or instr consent)  
30188 001 LEC, 12:00pm-12:50pm TTh, SpHC 9; Beery, Thomas Harold, 2 cr
- 3200 Research and Evaluation in Health Science**  
(A-F only; prereq Min 60 cr, Health ed major or minor or rec major or minor or instr consent)  
28885 001 LEC, 02:00pm-03:15pm TTh, SpHC 210; Keeney, Georgia Lynn, 3 cr
- 3300 Health and Physical Education in the Elementary School**  
(A-F only; prereq EIEd Major)  
31340 001 LEC, 01:00pm-02:50pm MW, SpHC 210, 01:00pm-02:50pm MW, SpHC 150A; Course meets in classroom on 1st day.; Skrbich, Karen O; Knapp, Jim L, 3 cr

**HISTORY (Hist)**

**College of Liberal Arts**

- 1207 Dawn of Modern Europe**  
(A-F only; meets LE req of LE CAT7)  
33090 001 LEC, 03:30pm-04:45pm TTh, ABAH 225; Matthews, Steve, 3 cr  
30312 090 LEC, 06:00pm-08:30pm M, ABAH 245; (Open CE Reserve seats will be available to UMD students 08/30/11.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011, 3 cr
- 1208 Europe in the Modern Age**  
(A-F only; meets LE req of LE CAT7)  
31831 001 LEC, 11:00am-11:50am MWF, ABAH 225; Yelengi, Nkasa Tekilaz, 3 cr  
29123 090 LEC, 06:00pm-08:50pm W, H 314; (Open CE Reserve seats will be available to UMD students 08/30/11.); 12 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Pogorelskin, Alexis E, 3 cr
- 1304 US History Part I: 1607-1877**  
(A-F only; meets LE req of LE CAT7)  
29122 001 LEC, 10:00am-10:50am MWF, Cina 102; Laderman, Scott, 3 cr

- 31830 002 LEC, 03:00pm-03:50pm MWF, ABAH 225; , 3 cr
- 2325 Muslim Societies**  
(A-F only; prereq credit will not be granted if already received for HIST 2525; meets LEIP req of LEIP CAT07)  
30600 001 LEC, 06:00pm-08:50pm M, ABAH 225; Stanfield-Johnson, Rosemary, 4 cr
- 2357 Women in American History**  
(A-F only; meets LECD req of LECD CAT07)  
30186 001 LEC, 02:00pm-02:50pm MWF, SBE 40; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Trolander, Judith A, 3 cr
- 2515 Precolonial Africa**  
(A-F only; meets LECD req of LECD CAT07)  
30817 001 LEC, 09:00am-09:50am MWF, ABAH 225; Yelengi, Nkasa Tekilaz, 3 cr
- 3055 The Ancient Near East**  
(A-F only; prereq Min 30 cr; credit will not be granted if already received for HmCI 3055 or CSt 3055)  
30818 001 LEC, 06:00pm-08:50pm W, ABAH 245; , 3 cr
- 3091 Directed Readings in History**  
(max crs 16; 16 repeats allowed; A-F only; prereq instr consent)  
28165 001 DRD; , 1-4 cr
- 3097 Internship in History**  
(max crs 6; 6 repeats allowed; A-F only; prereq 60 cr, instr consent)  
28164 001 IEX; , 1-3 cr
- 3099 Practicum in Teaching History**  
(max crs 6; A-F only; prereq History major, completion of 20 cr of 2xxx and above history courses with GPS of 3.3, completion of 90 credits, instr consent)  
29624 001 PRC; , 3 cr
- 3131 The Roman Republic**  
(A-F only; prereq Credit will not be granted if already received for HmCI 3031 or HIST 3031)  
29913 001 LEC, 06:00pm-08:50pm W, ABAH 225; Marchese, Ron T., 3 cr
- 3133 From Homer to Alexander: Archaic and Classical Greece**  
(A-F only; prereq Credit will not be granted if already received for HIST 3333 or HmCI 3333)  
30824 001 LEC, 03:30pm-06:15pm Th, ABAH 245; Marchese, Ron T., 3 cr
- 3244 History of Holocaust**  
(A-F only)  
29221 001 LEC, 10:00am-10:50am MWF, ABAH 235; Pogorelskin, Alexis E, 3 cr
- 3257 Modern France**  
(A-F only)  
33093 001 LEC, 02:00pm-02:50pm MW, LSBE 165, 02:00pm-02:50pm F, Cina 224; Yelengi, Nkasa Tekilaz, 3 cr
- 3264 Imperial Russia**  
(A-F only)  
33094 001 LEC, 02:00pm-02:50pm MWF, ABAH 225; Pogorelskin, Alexis E, 3 cr
- 3361 The American City**  
(A-F only)  
33095 001 LEC, 10:00am-10:50am MWF, ABAH 225; Trolander, Judith A, 3 cr
- 3505 Colloquium for Majors**  
(max crs 2; S-N only; prereq Hist or teaching soc studies major/minor; attendance at 5 dept-approved lectures/discussions over 1-yr period; regis only during semester of 5th lect; (1 cr for attendance; 2 cr for attendance, presentation))  
28170 001 COL, 03:00pm-03:50pm W, Cina 102; Classroom only need be available on Weds for an occasional meeting.; , 1-2 cr
- 3939 Europe in the Age of Renaissance and Reformation: 1348-1648**  
(A-F only; prereq credit will not be granted if already received for HIST 3239)  
33092 001 LEC, 02:00pm-03:15pm TTh, ABAH 225; Matthews, Steve, 3 cr

- 3940 Early Modern England: 1485-1689**  
(Credit will not be granted if credit has been received for: HIST 3245; A-F only; prereq credit will not be granted if already received for HIST 3240)  
33091 001 LEC, 09:30am-10:45am TTh, Room TBA, DULUTH; Matthews, Steve, 3 cr
- 4727 Middle Eastern History Through Film**  
(A-F; prereq 30 credits, no Grad School cr; credit will not be granted if already received for HIST 4527; meets LEIP req of LEIP CAT07)  
30826 001 LEC, 06:00pm-08:50pm T, ABAH 245; Stanfield-Johnson, Rosemary, 4 cr
- 5094 Directed Research**  
(max crs 12; 3 repeats allowed; A-F only; prereq instr consent , max 4 cr may be applied to Grad School program)  
28171 001 DRS; , 4 cr
- 5905 History Seminar**  
(max crs 8; A-F only; prereq instr consent)  
30827 001 SEM, 02:00pm-05:20pm W, Chem 153; Laderman, Scott, 4 cr  
33089 002 SEM, 02:00pm-05:20pm T, ABAH 245; Fang, Qiang, 4 cr

**INDUSTRIAL ENGINEERING (IE)  
Swenson College of Science & Engineering**

- 1225 Introduction to Design and Manufacturing Engineering**  
(Credit will not be granted if credit has been received for: IE 2222, ENGR 1210; A-F only; prereq Mech engr student or ind engr student and Math 1296 or 1596 or instr consent)  
001 LEC, 10:00am-10:50am M, Engr 204; meets in 204 Engr; Keranen, David J.  
29129 002 LAB, 09:00am-10:50am W, Engr 204, 09:00am-10:50am F, VKH 158; Class meets in Engr 204.; Keranen, David J., 4 cr  
003 LEC, 09:00am-09:50am M, Engr 204; meets in 204 Engr; Keranen, David J.  
30310 004 LAB, 09:00am-10:50am F, Engr 204, 03:00pm-04:50pm F, VKH 158; meets in 204 Engr; Keranen, David J., 4 cr  
005 LEC, 03:00pm-03:50pm W, Engr 204; Keranen, David J.  
33135 006 LAB, 03:00pm-03:50pm F, Engr 204; , 4 cr  
33136 007 LAB, 03:00pm-03:50pm M, Engr 204; , 4 cr
- 3115 Operations Research**  
(A-F only; prereq Math 3280, Stat 3411, BSIE candidate or instr consent)  
28548 001 LEC, 4 cr
- 3122 Materials Engineering Laboratory**  
(A-F; prereq 1225, BSIE or BSME candidate, Concurrent registration is required (or allowed) in 3130)  
001 LEC, 12:00pm-12:50pm M, Engr 280; Dryke, Jake  
30297 002 LAB, 10:00am-11:50am T, VKH 168; Dryke, Jake, 2 cr  
30298 003 LAB, 01:00pm-02:50pm T, VKH 168; Dryke, Jake, 2 cr  
30299 004 LAB, 10:00am-11:50am Th, VKH 168; Dryke, Jake, 2 cr  
31397 005 LAB, 01:00pm-02:50pm Th, VKH 168; Dryke, Jake, 2 cr
- 3125 Engineering Economic Analysis**  
(A-F only; prereq Stat 3411, BSIE or BSME or BSCE cand or instr consent)  
28546 001 LEC, 10:00am-10:50am MWF, Engr 280; Zierden, Heidi Sue, 3 cr
- 3130 Materials Processing Engineering**  
(A-F; prereq Engr 2110, Engr 2016, Concurrent registration is required (or allowed) in Stat 3411)  
30301 001 LEC, 09:00am-09:50am MWF, Engr 177; Enemuoh, Emmanuel U, 3 cr
- 3140 Human Factors and Ergonomic Design**  
(Credit will not be granted if credit has been received for: IE 3105; A-F; prereq B.S.I.E. candidate or instr consent)  
30300 001 LEC, 11:00am-11:50am MWF, Engr 280; Feyen, Robert G, 3 cr

- 4115 Facility Planning and Simulation**  
(A-F only; prereq 4010, 4020, BSIE candidate)  
001 LEC, 02:00pm-02:50pm MWF, Engr 204;  
Chen, Hongyi
- 28566 002 LAB, 03:00pm-04:50pm Th, KPlz 143;  
Chen, Hongyi, 4 cr
- 4222 Systems Integration Laboratory**  
(Credit will not be granted if credit has been received for: IE 4235; A-F; prereq Concurrent registration is required (or allowed) in 4230 or dept consent, no Grad School cr)  
001 LEC, 09:00am-09:50am M, ABAH 245;  
Rosandich PhD, Ryan G
- 30464 002 LAB, 08:00am-09:50am Th, VKH 148;  
Rosandich PhD, Ryan G, 2 cr
- 30465 003 LAB, 08:00am-09:50am T, VKH 148;  
Rosandich PhD, Ryan G, 2 cr
- 4230 Systems Integration**  
(A-F; prereq 4020 or ME 3140, ECE 2006, CS 1121 or CS 1131 or CS 1511 or CS 2121, BSIE cand or instr consent)  
001 LEC, 01:00pm-01:50pm MWF, LSBE 265;  
Rosandich PhD, Ryan G, 3 cr
- 30462 001 LEC, 01:00pm-01:50pm MWF, LSBE 265;  
Rosandich PhD, Ryan G, 3 cr
- 4255 Multidisciplinary Senior Design**  
(Credit will not be granted if credit has been received for: ME 4255; A-F only; prereq 4115, EMgt 4110, BSIE cand, or instr consent, no Grad School credit)  
001 LEC, 03:00pm-04:50pm T, Chem 153;  
Lindeke, Richard R
- 31488 002 LAB, 01:00pm-04:50pm Th, Engr 260;  
Lindeke, Richard R, 4 cr
- 4491 Independent Study**  
(max crs 4; 4 repeats allowed; A-F only; prereq BSIE or BSME cand, dept consent)  
28700 001 IND; , 1-4 cr
- 4993 Industrial Engineering Seminar**  
(max crs 2; S-N only; prereq BSIE or BSChE or BSECE or BSME or MEHS cand or instr consent ; no Grad School credit)  
31485 001 LEC, 12:00pm-12:50pm M, Engr 177;  
Meets with: 31486 EMGT 8993; Feyen, Robert G, 1 cr
- 5335 Engineered Products and Services**  
(prereq BSIE or MSEM candidate, instr consent)  
30842 001 LEC, 06:00pm-08:40pm Th, Engr 280; , 3 cr

## INTEGRATED BIOSCIENCES (IBS)

### Swenson College of Science & Engineering

- 8011 Integrated Biological Systems**  
(A-F; prereq IBS Graduate Student)  
29995 001 LEC, 08:00am-08:50am TTh, SSB 207A;  
Course will be taught in SSB 207A, Biology Conference Room. SSB000207A; Pastor, John Joseph, 2 cr
- 8020 Integrated Biosciences Colloquia**  
(max crs 4; 4 repeats allowed; S-N; prereq IBS Graduate Student)  
29996 001 COL, 10:00am-10:50am M, SSB 207A;  
Course will be taught in SSB 207A, Biology Conference Room. SSB000207A; Andrews, Matthew T., 1 cr
- 8030 IBS Research Club**  
(max crs 5; 5 repeats allowed; S-N only; prereq IBS Graduate Student)  
29997 001 SEM, 08:00am-08:50am W, SSB 207A;  
Course will be taught in SSB 207A, Biology Conference Room. SSB000207A; Trachte, George J, 1 cr
- 8094 Rotations**  
(S-N; prereq IBS Graduate Student)  
31532 001 IND, 1 cr
- 8099 The Biological Practitioner**  
(S-N only; prereq IBS Graduate Student)  
29998 001 LEC, 03:00pm-03:50pm M, SSB 207A;  
Course will be taught in SSB 207A, Biology Conference Room. SSB000207A; , 1 cr

- 8333 FTE: Master's**  
(NGA; prereq Master's student, adviser and DGS consent)  
30674 001 DR5, 1 cr
- 8444 FTE: Doctoral**  
(NGA; prereq Doctoral student, adviser and DGS consent)  
31128 001 THE, 1 cr
- 8666 Doctoral Pre-Thesis Credits**  
(max crs 12; NGA; prereq Doctoral student who has not passed prelim oral; no required consent for 1st/2nd registrations, up to 12 combined cr; dept consent for 3rd/4th registrations, up to 24 combined cr; doctoral student admitted before summer 2007 may register up to four times, up to 60 combined cr)  
31129 001 THE, 1-6 cr
- 8777 Thesis Credits: Master's**  
(max crs 50; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 10 cr total required (Plan A only))  
30213 001 THE, 1-18 cr
- 8888 Thesis Credit: Doctoral**  
(max crs 100; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 24 cr required)  
31130 001 THE, 1-24 cr

## INTERDISCIPLINARY STUDIES (IS)

### College of Liberal Arts

- 3099 Senior Project**  
(max crs 10; A-F only; prereq instr consent)  
28060 001 IND; Kovacovic, Milan, 1-10 cr
- 8001 Introduction to Liberal Studies**  
(max crs 8; 8 repeats allowed; S-N only; prereq MLS candidate or department consent)  
29193 821 LEC, 06:00pm-09:30pm T, BohH 343;  
Schwetman, John David, 1-4 cr

## INTERNATIONAL STUDIES (IntS)

### College of Liberal Arts

- 1191 International Study**  
(max crs 15; 15 repeats allowed; A-F only; prereq dept consent)  
28192 001 IND, 1-5 cr
- 4100 Seminar in International Studies**  
(A-F only; prereq Pol 1050, 60 cr incl 8 upper div cr approved IntS courses and instr consent)  
29064 001 SEM, 10:00am-11:50am TTh, ABAH 225;  
Sharp, Paul, 4 cr

## JOURNALISM (Jour)

### College of Liberal Arts

- 2001 Reporting and Writing I**  
(A-F only; prereq WRIT 1120)  
29071 001 LEC, 02:00pm-02:50pm TTh, H 403; , 3 cr
- 29409 090 LEC; (Open CE Reserve seats will be available to UMD students 08/31/10.); 5 seats reserved for Continuing Education, 3 cr
- 2101 Editing I: Copy Editing and Layout**  
(A-F only; prereq 2001, WRIT 1120; credit will not be granted if already received for 3101)  
30854 090 LEC, 06:00pm-08:40pm M, H 464; (CE Reserve seats will be available to UMD students on 08/30/2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; , 3 cr
- 2400 Community and Journalism**  
(A-F only; prereq 2001; Credit will not be granted if already received for 3400.)  
30311 001 LAB, 3 cr
- 3401 Digital Storytelling**  
(A-F only; prereq 2001)  
29978 001 LEC, 01:00pm-01:50pm MWF, H 468; , 3 cr
- 3700 Media Law and Ethics**  
(A-F only; prereq Writ 1120)  
30890 001 LEC, 3 cr

- 3991 Independent Study in Journalism**  
(max crs 5; A-F only; prereq 2001, instr consent)  
29718 001 IND, 1-5 cr
- 4197 Journalism Internship**  
(Credit will not be granted if credit has been received for: JOUR 4197; max crs 6; S-N; prereq 2001, 3700, min 60 cr, instr consent, no Grad School cr)  
30865 001 IEX; Sozansky, Marty, 1-3 cr
- 5197 Journalism Internship**  
(Credit will not be granted if credit has been received for: JOUR 4197; max crs 3; S-N; prereq Coll Grad or Grad School student, instr consent)  
29127 001 IEX; Sozansky, Marty, 1-3 cr

## LABOVITZ SCHOOL OF BUSINESS AND ECONOMICS (LSBE)

### Labovitz School of Business & Economics

- 397 B.B.A. Business Internship**  
(S-N; prereq LSBE Cand, consent of Internship Director)  
31179 001 LEC; Kaas, Duane A, 0 cr

## LANGUAGE (Lang)

### College of Liberal Arts

- 1302 Topics in Academic Reading I**  
(max crs 4; A-F only; prereq instructor consent)  
31766 001 LEC, 02:00pm-02:50pm MW, BohH 343; , 2 cr
- 2301 English for Academic Writing**  
(max crs 6; A-F only; prereq instructor consent)  
29180 001 LEC, 02:00pm-03:15pm TTh, BohH 343; , 3 cr
- 34339 002 LEC, 11:00am-12:15pm TTh, LSBE 265, 3 cr
- 2303 Academic Interactions: Listening and Speaking in the College Classroom**  
(A-F only; prereq instructor consent)  
31768 001 LEC, 11:00am-11:50am MWF, H 468; , 3 cr
- 3091 Directed Study**  
(max crs 6; 6 repeats allowed; A-F only; prereq instr consent, dept consent)  
31359 001 IND; , 1-3 cr

## LIMNOLOGY (Lim)

### Swenson College of Science & Engineering

- 5101 Physical Limnology**  
(A-F only; prereq Math 1297, Phys 2012, or grad student)  
30204 001 LEC, 08:00am-09:15am TTh, HH 306;  
Austin, Jay A, 3 cr
- 5102 Chemical Limnology**  
(A-F only; prereq Math 1296, Phys 1002 or 1202, Chem 1152 or 1162, or grad student; Credit will not be granted if already received for 5001)  
30205 001 LEC, 09:30am-10:45am TTh, HH 216;  
Minor, Elizabeth C, 3 cr

## LINGUISTICS (Ling)

### College of Liberal Arts

- 1811 Introduction to Language**  
(A-F only; meets LE req of LE CAT2)  
29029 001 LEC, 09:00am-09:50am MWF, H 480;  
(Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; , 3 cr
- 29084 002 LEC, 08:00am-09:15am TTh, H 480; , 3 cr
- 30607 003 LEC, 12:00pm-12:50pm MWF, H 480; , 3 cr
- 3591 Independent Study in Linguistics**  
(max crs 6; 6 repeats allowed; A-F only; prereq 1811 or instructor consent, department consent)  
28459 001 IND; , 1-3 cr

**4103 Morphology: Word Structures and Rules**  
(Credit will not be granted if credit has been received for: LING 5103; A-F only; prereq 1811, no Grad School cr)

30867 001 LEC, 03:00pm-03:50pm MWF, SBE 36; Meets with: 30868 LING 5103, 3 cr

**4802 Applied Linguistics**  
(Credit will not be granted if credit has been received for: LING 5802; A-F only; prereq No Grad School cr)

30857 002 LEC, 11:00am-12:50pm TTh, KPlz 312; Meets with: 28888 LING 5802, 4 cr

**4852 Teaching Assistantship in Linguistics**  
(Credit will not be granted if credit has been received for: LING 5852; max crs 3; A-F only; prereq 1811, 3101, 3102 or instr consent, no Grad School cr)

30866 001 PRC; , 1-3 cr

**5103 Morphology: Word Structures and Rules**  
(Credit will not be granted if credit has been received for: LING 4103; A-F only; prereq 1811, Coll Grad or Grad School students)

30868 001 LEC, 03:00pm-03:50pm MWF, SBE 36; Meets with: 30867 LING 4103, 3 cr

**5802 Applied Linguistics**  
(Credit will not be granted if credit has been received for: LING 4802; A-F only; Coll Grad or Grad School student; Coll Grad or Grad School student)

28888 002 LEC, 11:00am-12:50pm TTh, KPlz 312; Meets with: 30857 LING 4802, 4 cr

## MANAGEMENT STUDIES (MgtS) Labovitz School of Business & Economics

**3401 Organizational Behavior and Management**  
(A-F; prereq LSBE cand or bus adm minor or college consent)

30847 001 LEC, 09:30am-10:45am TTh, LSBE 135; (LSBE candidates); Meets with: 29736 MGTS 3401; Pierce, Jon L, 3 cr

29736 002 LEC, 09:30am-10:45am TTh, LSBE 135; (Non-LSBE Business Adm minors); Meets with: 30847 MGTS 3401; Pierce, Jon L, 3 cr

29737 003 LEC, 11:00am-11:50am MWF, LSBE 129; (LSBE candidates); Meets with: 28936 MGTS 3401; Mencl, Jennifer, 3 cr

28936 004 LEC, 11:00am-11:50am MWF, LSBE 129; (Non-LSBE Business Adm minors); Meets with: 29737 MGTS 3401; Mencl, Jennifer, 3 cr

29735 005 LEC, 12:00pm-12:50pm MWF, LSBE 129; (LSBE candidates); Meets with: 30836 MGTS 3401; Mencl, Jennifer, 3 cr

30836 006 LEC, 12:00pm-12:50pm MWF, LSBE 129; (Non-LSBE Business Adm minors); Meets with: 29735 MGTS 3401; Mencl, Jennifer, 3 cr

29738 007 LEC, 06:00pm-08:40pm M, LSBE 125; (LSBE candidates); Meets with: 29739 MGTS 3401; , 3 cr

29739 008 LEC, 06:00pm-08:40pm M, LSBE 125; (Non-LSBE Business Adm minors); Meets with: 29738 MGTS 3401; , 3 cr

**3491 Independent Study**  
(max crs 3; A-F; prereq dept consent)

28540 001 IND, 1-3 cr

**3497 Organizational Management Internship**  
(A-F; prereq LSBE cand, consent of internship director)

29907 001 IEX; Kaas, Duane A, 3 cr

**3801 Human Resource Management**  
(A-F; prereq LSBE cand or approved non-LSBE bus adm or college consent)

28416 001 LEC, 06:00pm-08:40pm T, LSBE 135; (LSBE candidates); Meets with: 28417 MGTS 3801; Xiu, Lin, 3 cr

28417 002 LEC, 06:00pm-08:40pm T, LSBE 135; (Non-LSBE Business Adm minors); Meets with: 28416 MGTS 3801; Xiu, Lin, 3 cr

28418 003 LEC, 08:00am-08:50am MWF, LSBE 129; (LSBE candidates); Meets with: 28935 MGTS 3801; Rubenfeld, Stephen A, 3 cr

28935 004 LEC, 08:00am-08:50am MWF, LSBE 129; (Non-LSBE Business Adm minors); Meets with: 28418 MGTS 3801; Rubenfeld, Stephen A, 3 cr

29232 005 LEC, 10:00am-10:50am MWF, LSBE 135; (LSBE candidates); Meets with: 29233 MGTS 3801; Rubenfeld, Stephen A, 3 cr

29233 006 LEC, 10:00am-10:50am MWF, LSBE 135; (Non-LSBE Business Adm minors); Meets with: 29232 MGTS 3801; Rubenfeld, Stephen A, 3 cr

29575 007 LEC, 06:00pm-08:40pm M, LSBE 129; (LSBE candidates); Meets with: 29576 MGTS 3801; , 3 cr

29576 008 LEC, 06:00pm-08:40pm M, LSBE 129; (Non-LSBE Business Adm minors); Meets with: 29575 MGTS 3801; , 3 cr

31988 009 LEC, 06:00pm-08:40pm W, LSBE 125; (LSBE candidates); Meets with: 31989 MGTS 3801; , 3 cr

31989 010 LEC, 06:00pm-08:40pm W, LSBE 125; (Non-LSBE Business Adm minors); Meets with: 31988 MGTS 3801; , 3 cr

**3897 Human Resources Internship**  
(A-F; prereq LSBE cand, consent of Internship Director)

29909 001 IEX; Kaas, Duane A, 3 cr

**3997 Management of Community Projects**  
(max crs 3; A-F; prereq 3401, 3801, LSBE cand, instr consent)

30669 001 FWK; Kaas, Duane A, 1-3 cr

**4411 Organizational Studies**  
(A-F; prereq 3401, LSBE cand or college consent)

30387 001 LEC, 06:00pm-08:40pm W, LSBE 229; Liang, Xin, 3 cr

**4431 Leadership**  
(A-F; prereq 3401, LSBE cand or college consent)

29326 001 LEC, 02:00pm-03:15pm TTh, LSBE 165; Pierce, Jon L, 3 cr

**4461 Business and Society**  
(A-F; prereq 3401, 3801, LSBE cand or college consent)

30919 001 LEC, 06:00pm-08:40pm Th, LSBE 125; Bell PhD, Geoffrey George, 3 cr

**4472 Entrepreneurship**  
(A-F; prereq LSBE cand or college consent)

31955 001 LEC, 09:30am-10:45am TTh, LSBE 165; Borchert, Patricia S., 3 cr

31956 002 LEC, 11:00am-12:15pm TTh, LSBE 125; Borchert, Patricia S., 3 cr

**4473 Management of Innovation and Technology**  
(A-F; prereq 3401, LSBE cand or college consent)

31987 001 LEC, 12:00pm-12:50pm MWF, LSBE 233; Goel, Sanjay, 3 cr

**4481 Strategic Management**  
(A-F; prereq 3401, 3801, Mktg 3701, FMIS 3301, FMIS 3601, 90 cr, LSBE cand or college consent ; no Grad School credit)

28454 001 LEC, 12:30pm-01:45pm TTh, LSBE 229; Bell PhD, Geoffrey George, 3 cr

28455 002 LEC, 02:00pm-02:50pm MWF, LSBE 229; Goel, Sanjay, 3 cr

28456 003 LEC, 10:00am-10:50am MWF, LSBE 225; Liang, Xin, 3 cr

29578 004 LEC, 11:00am-11:50am MWF, LSBE 225; Liang, Xin, 3 cr

30483 005 LEC, 03:00pm-03:50pm MWF, LSBE 229; Goel, Sanjay, 3 cr

**4495 Special Topics: (Various Titles to be Assigned)**  
(max crs 9; 3 repeats allowed; A-F; prereq LSBE cand, 3401 or college consent)

31954 001 LEC, 04:00pm-05:15pm MW, LSBE 229; Mencl, Jennifer, 1-3 cr; T: Developing Managerial Skills

**4841 Training and Development**  
(A-F; prereq 3801, LSBE cand or college consent)

29906 001 LEC, 11:00am-12:15pm TTh, LSBE 233; Xiu, Lin, 3 cr

**4881 Human Resource Issues and Trends**  
(A-F; prereq 3801, LSBE cand or college consent)

31953 001 LEC, 12:00pm-12:50pm MWF, LSBE 265; Rubenfeld, Stephen A, 3 cr

## MARKETING (MKTG) Labovitz School of Business & Economics

**3701 Principles of Marketing**  
(A-F; prereq LSBE cand or approved non-LSBE bus adm minor or college consent ; credit will not be granted if already received for MgtS 3701)

28435 001 LEC, 09:00am-09:50am MWF, LSBE 135; (LSBE candidates); Meets with: 28436 MKTG 3701; , 3 cr

28436 002 LEC, 09:00am-09:50am MWF, LSBE 135; (Non-LSBE Business Adm minors); Meets with: 28435 MKTG 3701; , 3 cr

28748 003 LEC, 12:00pm-12:50pm MWF, LSBE 125; (LSBE candidates); Meets with: 28937 MKTG 3701; , 3 cr

28937 004 LEC, 12:00pm-12:50pm MWF, LSBE 125; (Non-LSBE Business Adm minors); Meets with: 28748 MKTG 3701; , 3 cr

29057 005 LEC, 12:30pm-01:45pm TTh, LSBE 125; (LSBE candidates); Meets with: 29058 MKTG 3701; Kratz, John L, 3 cr

29058 006 LEC, 12:30pm-01:45pm TTh, LSBE 125; (Non-LSBE Business Adm minors); Meets with: 29057 MKTG 3701; Kratz, John L, 3 cr

29389 007 LEC, 06:00pm-08:40pm M, LSBE 135; (LSBE candidates); Meets with: 29390 MKTG 3701; , 3 cr

29390 008 LEC, 06:00pm-08:40pm M, LSBE 135; (Non-LSBE Business Adm minors); Meets with: 29389 MKTG 3701; , 3 cr

**3711 Marketing Research**  
(A-F; prereq MgtS 3701 or Mktg 3701, LSBE cand or college consent ; credit will not be granted if already received for MgtS 3711)

28445 001 LEC, 12:00pm-12:50pm MWF, LSBE 225, 12:00pm-12:50pm MWF, LSBE 237; Bhowmick, Sandeep, 3 cr

29059 002 LEC, 02:00pm-02:50pm MWF, LSBE 225, 02:00pm-02:50pm MWF, LSBE 237; Bhowmick, Sandeep, 3 cr

**3741 Fundamentals of Selling**  
(A-F; prereq MgtS 3701 or Mktg 3701, LSBE cand or college consent ; credit will not be granted if already received for MgtS 3741)

29061 001 LEC, 09:30am-10:45am TTh, LSBE 225; Castleberry Sr, Stephen Byron, 3 cr

29062 002 LEC, 12:30pm-01:45pm TTh, LSBE 225; Castleberry Sr, Stephen Byron, 3 cr

**3781 International Marketing**  
(A-F; prereq MGTS 3701 or MKTG 3701, LSBE cand or college consent ; credit will not be granted if already received for MgtS 3781)

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

**3791 Independent Study**  
(max crs 3; A-F; prereq dept consent)

30162 001 IND, 1-3 cr

**3797 Marketing Internship**  
(A-F only; prereq LSBE cand, consent of internship director; credit will not be granted if already received for MgtS 3797)

29908 001 IEX; Kaas, Duane A, 3 cr

**4711 Business-to-Business Marketing**  
(A-F; prereq MgtS 3701 or Mktg 3701, LSBE cand or college consent ; credit will not be granted if already received for MgtS 4711)

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

**4721 Advertising and Marketing Communications**  
(A-F; prereq MgtS 3701 or Mktg 3701, LSBE cand or college consent ; credit will not be granted if already received for MgtS 4721)

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



<b>4731</b>	<b>Consumer Behavior</b> (A-F; prereq MgtS 3701 or Mktg 3701, LSBE cand or college consent; credit will not be granted if already received for MgtS 4731)
28444	001 LEC, 10:00am-10:50am MWF, LSBE 229; Vaidyanathan, Rajiv, 3 cr
29060	002 LEC, 11:00am-11:50am MWF, LSBE 229; Vaidyanathan, Rajiv, 3 cr
<b>4741</b>	<b>Developing and Marketing New Products</b> (A-F; prereq MGTS 3701 or MKTG 3701, LSBE cand or college consent; credit will not be granted if already received for MgtS 4741)
30438	001 LEC, 09:00am-09:50am MWF, LSBE 229; Rochford, Linda, 3 cr
<b>4751</b>	<b>Retailing</b> (A-F; prereq 3701, LSBE candidate or college consent, no Grad School cr)
30163	001 LEC, 10:00am-10:50am MWF, LSBE 233; Maamoun, Ahmed F., 3 cr
<b>4781</b>	<b>Marketing Management and Strategy</b> (A-F; prereq MgtS 3701 or Mktg 3701, MgtS 3711 or Mktg 3711, 1 other Mktg course, 90 cr, LSBE cand or grad or college consent; credit will not be granted if already received for MgtS 4781)
28440	001 LEC, 08:00am-08:50am MWF, LSBE 225; Rochford, Linda, 3 cr

## MASTER IN ADVOCACY AND POLITICAL LEADERSHIP (MAPL)

### College of Liberal Arts

<b>5111</b>	<b>Labor Organizing</b> (A-F only; prereq Grad student or instr consent)
29989	001 SEM, 07/30/11-06/01/12, 3 cr
<b>5202</b>	<b>Nonprofits and Government: The Public and Private Partnership</b> (A-F only; prereq Grad student or instr consent)
29990	001 LEC, 07/30/11-06/01/12, 3 cr
<b>5308</b>	<b>The Impact of Art on Social Change</b> (A-F only; prereq Grad student or instr consent)
30032	001 LEC, 06:00pm-09:00pm F, LSBE 265, 09/09/11-12/09/11; Avner, Marcia Louise; Smith, Sheila Marie, 3 cr
<b>5311</b>	<b>Advocacy in the Public Sector: Service in the Elected Branch</b> (A-F only; prereq Grad student or instr consent)
30717	001 LEC, 01:15pm-04:15pm S, LSBE 165, 09/10/11-12/10/11; Cooper, Christopher Scott; Kiscaden, Sheila, 3 cr
<b>5315</b>	<b>Sustainable Development Policy Advocacy</b> (A-F only; prereq Grad student or instr consent)
31557	001 LEC, 06:00pm-09:00pm F, LSBE 233, 09/09/11-12/09/11; Hansen, Elaine S; Hickman, Donald Robert; Glass, Becky L; Adams, Russell Peter, 3 cr
<b>6001</b>	<b>Political Process and Public Policy</b> (prereq Grad student or instr consent)
29677	001 LEC, 09:00am-12:00pm S, LSBE 233, 09/10/11-12/10/11; For first semester MAPL students only.; Spano, Wy, 3 cr
<b>6002</b>	<b>Policy Evaluation</b> (prereq MAPL or Collegiate Grad student status or Grad School student status or instr consent)
29915	001 LEC, 09:00am-12:00pm S, LSBE 229, 09/10/11-12/10/11; For fourth semester MAPL students only.; Haugen, Barbara H, 3 cr
<b>6003</b>	<b>Civic Engagement and Political Cultures</b> (prereq Grad student or instr consent)
29748	001 LEC, 07/30/11-06/01/12; For second semester MAPL students only., 3 cr
<b>6004</b>	<b>Political Organizing and Communication</b> (prereq Grad student or instr consent)
29747	001 LEC, 09:00am-12:00pm S, LSBE 225, 09/10/11-12/10/11; For third semester MAPL students only.; Krug, Linda Teresa; Blodgett, Frederick Jeffrey; Ringham, Eric Peter, 3 cr
<b>6008</b>	<b>Advocacy Internship I</b> (S-N only; prereq Grad student or instr consent)
29916	001 IEX, 09/09/11-12/17/11; For MAPL students only.; Imsande, Jennifer, 3 cr

<b>6009</b>	<b>Advocacy Internship</b> (max crs 4; S-N only; prereq Grad student or instr consent)
29689	001 IEX, 09/09/11-12/17/11, instruction mode: Distance Education and On-Site; For MAPL students only., 2 cr

## MASTER OF BUSINESS ADMINISTRATION (MBA)

### Labovitz School of Business & Economics

<b>8311</b>	<b>Operations Management</b> (A-F only; prereq FMIS 3301 or equiv, MBA student or college consent)
30445	001 LEC, 06:00pm-08:40pm W, LSBE 233, 3 cr
<b>8501</b>	<b>Management Accounting</b> (A-F only; prereq Acct 2005 or equiv, MBA student or college consent)
30737	800 LEC, 03:00pm-09:00pm F, Room TBA, ROCHESTER, 11/04/11-11/04/11, 08:00am-12:30pm S, Room TBA, ROCHESTER, 11/05/11-11/05/11, 03:00pm-09:00pm F, Room TBA, ROCHESTER, 11/18/11-11/18/11, 08:00am-12:30pm S, Room TBA, ROCHESTER, 11/19/11-11/19/11, 03:00pm-09:00pm F, Room TBA, ROCHESTER, 12/02/11-12/02/11, 08:00am-12:30pm S, Room TBA, ROCHESTER, 12/03/11-12/03/11, 03:00pm-09:00pm F, Room TBA, ROCHESTER, 12/16/11-12/16/11, 08:00am-12:30pm S, Room TBA, ROCHESTER, 12/17/11-12/17/11; Rochester, 3 cr
<b>8512</b>	<b>Managerial Economics</b> (A-F only; prereq Econ 1022, Econ 1023 or equiv, MBA student or college consent)
29708	001 LEC, 06:00pm-08:40pm Th, LSBE 229; McIntosh, Christopher Richard, 2 cr
<b>8711</b>	<b>Marketing Management</b> (A-F only; prereq Mktg 3701 or equiv, MBA student or college consent)
30447	001 LEC, 06:00pm-08:40pm M, LSBE 229; Aggarwal, Praveen, 3 cr
30448	800 LEC, 03:00pm-09:00pm F, Room TBA, ROCHESTER, 09/09/11-09/09/11, 08:00am-12:30pm S, Room TBA, ROCHESTER, 09/10/11-09/10/11, 03:00pm-09:00pm F, Room TBA, ROCHESTER, 09/23/11-09/23/11, 08:00am-12:30pm S, Room TBA, ROCHESTER, 09/24/11-09/24/11, 03:00pm-09:00pm F, Room TBA, ROCHESTER, 10/07/11-10/07/11, 08:00am-12:30pm S, Room TBA, ROCHESTER, 10/08/11-10/08/11, 03:00pm-09:00pm F, Room TBA, ROCHESTER, 10/21/11-10/21/11, 08:00am-12:30pm S, Room TBA, ROCHESTER, 10/22/11-10/22/11; ROCHESTER; Aggarwal, Praveen, 3 cr
<b>8994</b>	<b>Directed Research</b> (max crs 6; 6 repeats allowed; A-F only; prereq MBA student, college consent)
28791	001 DR5; Vaidyanathan, Rajiv, 1-6 cr
<b>8999</b>	<b>Projects in Business</b> (max crs 6; 6 repeats allowed; A-F only; prereq MBA student, college consent)
29331	001 DST; Vaidyanathan, Rajiv, 1-3 cr

## MATHEMATICS (Math)

### Swenson College of Science & Engineering

<b>1005</b>	<b>College Algebra</b> (A-F only; prereq Math ACT 18 or higher or SSP 0103 or dept consent)
29181	001 LEC, 08:00am-08:50am MTWThF, ABAH 235; , 5 cr
29332	002 LEC, 12:00pm-12:50pm MTWThF, Engr 290; , 5 cr
31366	003 LEC, 03:00pm-03:50pm MTWThF, SBE 20, 5 cr
29182	004 LEC, 04:00pm-05:05pm MTWTh, Cina 202; , 5 cr
29183	005 LEC, 06:00pm-08:15pm MW, Cina 202; , 5 cr
29197	006 LEC, 06:00pm-08:15pm TTh, SCC 120; , 5 cr

30598	007 LEC, 01:00pm-01:50pm MTWThF, Engr 290; , 5 cr
<b>1007</b>	<b>Algebra Review</b> (S-N only; prereq Concurrent registration is required (or allowed) in 1160 or 1250 or 1290 or 1296)
30027	001 IND; On-line course.; Pierson, Chad Michael, 1 cr
<b>1024</b>	<b>Introduction to Contemporary Mathematics</b> (A-F only; prereq Math ACT 18 or higher or SSP 0103 or dept consent; meets LE req of LE CAT2)
29053	001 LEC, 12:00pm-12:50pm MWF, SBE 16; Latterell, Carmen Marie, 3 cr
<b>1141</b>	<b>Mathematics for Elementary Education</b> (A-F only; prereq Pre-educ major and math ACT 18 or higher or a grade of at least C- in SSP 103 or dept consent)
28179	001 LEC, 09:00am-09:50am MTWThF, SCC 120; Latterell, Carmen Marie, 4 cr
<b>1160</b>	<b>Finite Mathematics and Introduction to Calculus</b> (A-F only; prereq Math ACT 23 or higher or a grade of at least C- in Math 1005 or dept consent; if you have received credit for 1290 or 1296 or 1596, you will not receive credit for Math 1160.; meets LE req of LE CAT2)
28194	001 LEC, 08:00am-08:50am MWF, LSci 185 002 DIS, 08:00am-08:50am TTh, BohH 104; , 5 cr
28195	003 DIS, 09:00am-09:50am TTh, SBE 50; , 5 cr
28196	004 DIS, 10:00am-10:50am TTh, Chem 251; , 5 cr
28197	005 DIS, 11:00am-11:50am TTh, BohH 104, 5 cr
28198	006 DIS, 12:00pm-12:50pm TTh, SpHC 210, 5 cr
28199	007 DIS, 04:00pm-04:50pm TTh, HH 306, 5 cr
28201	008 LEC, 02:00pm-02:50pm MWF, LSci 185 009 DIS, 08:00am-08:50am TTh, BohH 112; , 5 cr
28202	010 DIS, 10:00am-10:50am TTh, BohH 346; , 5 cr
28203	011 DIS, 11:00am-11:50am TTh, BohH 108; , 5 cr
28204	012 DIS, 12:00pm-12:50pm TTh, SpHC 207; , 5 cr
28205	013 DIS, 01:00pm-01:50pm TTh, SpHC 210; , 5 cr
28206	014 DIS, 02:00pm-02:50pm TTh, LSci 185; , 5 cr
31820	015 LEC, 01:00pm-01:50pm MWF, Engr 118 016 DIS, 01:00pm-01:50pm TTh, SCIV 231; , 5 cr
<b>1250</b>	<b>Precalculus Analysis</b> (A-F only; prereq Math ACT = or >22 or a grade of at least C- in Math 1005 or dept consent; meets LE req of LE CAT2)
28208	001 LEC, 10:00am-10:50am MWF, SCC 120; Pierson, Chad Michael
28209	002 DIS, 08:00am-08:50am TTh, BohH 343; , 4 cr
28210	003 DIS, 09:00am-09:50am TTh, DAdB 16A; , 4 cr
28211	004 DIS, 10:00am-10:50am TTh, BohH 112; , 4 cr
28212	005 DIS, 11:00am-11:50am TTh, BohH 343; , 4 cr
29952	006 DIS, 02:00pm-02:50pm TTh, Engr 290; , 4 cr
28212	007 DIS, 04:00pm-04:50pm TTh, BohH 343; , 4 cr
28214	008 LEC, 11:00am-11:50am MWF, SCC 120; Pierson, Chad Michael
28215	009 DIS, 08:00am-08:50am TTh, BohH 346; , 4 cr
28216	010 DIS, 10:00am-10:50am TTh, Room TBA, DULUTH, 4 cr
29954	011 DIS, 11:00am-11:50am TTh, BohH 112, 4 cr
28217	012 DIS, 11:00am-11:50am TTh, Chem 251; , 4 cr
28217	013 DIS, 01:00pm-01:50pm TTh, MWAH 195; , 4 cr
28910	014 DIS, 04:00pm-04:50pm TTh, H 490; , 4 cr
31809	015 LEC, 08:00am-08:50am MWF, SCC 120 016 DIS, 08:00am-08:50am TTh, SCC 120; , 4 cr

<b>1290</b>	<b>Calculus for the Natural Sciences</b> (Credit will not be granted if credit has been received for: MATH 1296, MATH 1596H, MATH 1596; A-F only; prereq Math ACT 25 or higher or a grade of at least C- in Math 1250 or dept consent; meets LE req of LE CAT2) 001 LEC, 10:00am-10:50am MWThF, SBE 20; Sharp, Angela Marie	<b>1596</b>	<b>Honors: Calculus I</b> (Credit will not be granted if credit has been received for: MATH 1290, MATH 1296, MATH 1596H; A-F only; prereq 1250 or 3 1/2 years high school mathematics including trigonometry, dept consent; meets HON req of Honors; meets LE req of LE CAT2) 29775 001 LEC, 11:00am-11:50am MTWThF, SBE 32; Liu, Zhuangyi, 5 cr	<b>3298</b>	<b>Calculus III</b> (A-F only; prereq A grade of at least C- in 1297 or 1597) 001 LEC, 11:00am-12:00pm MTWTF, SBE 40; Stech, Harlan W 28249 002 LAB, 11:00am-11:50am Th, KPlz 143; , 4 cr 003 LEC, 12:00pm-12:50pm MTWTF, HH 216; Fei, Guihua 28250 004 LAB, 12:00pm-12:50pm Th, KPlz 143; , 4 cr 005 LEC, 02:00pm-02:50pm MTWTF, SBE 50 30856 006 LAB, 02:00pm-02:50pm Th, KPlz 143; , 4 cr
28219	002 LAB, 10:00am-10:50am T, Engr 204; , 5 cr	<b>3236</b>	<b>Introduction to Linear Algebra and Mathematical Reasoning</b> (A-F only; prereq 1290 or 1296 or 1596) 30164 001 LEC, 12:00pm-12:50pm MWF, SBE 32; Lenz, Kathryn E, 3 cr	28250	004 LAB, 12:00pm-12:50pm Th, KPlz 143; , 4 cr 005 LEC, 02:00pm-02:50pm MTWTF, SBE 50 30856 006 LAB, 02:00pm-02:50pm Th, KPlz 143; , 4 cr
<b>1296</b>	<b>Calculus I</b> (Credit will not be granted if credit has been received for: MATH 1290, MATH 1596H, MATH 1596; A-F only; prereq Math ACT 25 or higher or a grade of at least C- in Math 1250 or dept consent; meets LE req of LE CAT2) 001 LEC, 08:00am-08:50am MWF, LSci 175; Sharp, Angela Marie	<b>3091</b>	<b>Independent Study</b> (max crs 8; 8 repeats allowed; A-F only; prereq dept consent) 28816 001 IND; Fei, Guihua, 1-3 cr 28817 002 IND; Froncek, Dalibor, 1-3 cr 28818 003 IND; Gallian, Joseph A, 1-3 cr 28819 004 IND; Green, Richard F, 1-3 cr 28820 005 IND; Greene, John Robert, 1-3 cr 28821 006 IND; James, Barry R, 1-3 cr 28822 007 IND; James, Kang Ling, 1-3 cr 28823 008 IND; Latterell, Carmen Marie, 1-3 cr 28824 009 IND; Lenz, Kathryn E, 1-3 cr 28825 010 IND; Liu, Zhuangyi, 1-3 cr 28826 011 IND; Mc Farland, Robert L, 1-3 cr 28827 012 IND; Peckham, Bruce B, 1-3 cr 28828 013 IND; Qi, Yongcheng, 1-3 cr 28829 014 IND; Regal, Ronald Ray, 1-3 cr 28830 015 IND; Stech, Harlan W, 1-3 cr 29108 016 IND; Trogdon, Steven Arman, 1-3 cr 29815 017 IND; Hampton, Marshall E, 1-3 cr	<b>3355</b>	<b>Discrete Mathematics</b> (A-F only; prereq 1297 or 1597 or instr consent) 28251 001 LEC, 02:00pm-02:50pm MWThF, SBE 32; Mc Farland, Robert L, 4 cr 31793 002 LEC, 12:00pm-12:50pm MWThF, SCIV 265; Froncek, Dalibor, 4 cr
28221	002 DIS, 08:00am-08:50am TTh, SBE 32; , 5 cr	<b>3097</b>	<b>Internship</b> (max crs 3; 3 repeats allowed; S-N only; prereq Math major, dept consent) 28831 001 IEX; Fei, Guihua, 1-3 cr 28832 002 IEX; Froncek, Dalibor, 1-3 cr 28833 003 IEX; Gallian, Joseph A, 1-3 cr 28834 004 IEX; Green, Richard F, 1-3 cr 28835 005 IEX; Greene, John Robert, 1-3 cr 28836 006 IEX; James, Barry R, 1-3 cr 28837 007 IEX; James, Kang Ling, 1-3 cr 28838 008 IEX; Latterell, Carmen Marie, 1-3 cr 28839 009 IEX; Lenz, Kathryn E, 1-3 cr 28840 010 IEX; Liu, Zhuangyi, 1-3 cr 28841 011 IEX; Mc Farland, Robert L, 1-3 cr 28842 012 IEX; Peckham, Bruce B, 1-3 cr 28843 013 IEX; Qi, Yongcheng, 1-3 cr 28844 014 IEX; Regal, Ronald Ray, 1-3 cr 28845 015 IEX; Stech, Harlan W, 1-3 cr 29109 016 IEX; Trogdon, Steven Arman, 1-3 cr 29816 017 IEX; Hampton, Marshall E, 1-3 cr	28251	001 LEC, 02:00pm-02:50pm MWThF, SBE 32; Mc Farland, Robert L, 4 cr 31793 002 LEC, 12:00pm-12:50pm MWThF, SCIV 265; Froncek, Dalibor, 4 cr
28222	003 DIS, 09:00am-09:50am TTh, ABAH 225; , 5 cr	<b>3120</b>	<b>Mathematics Tutorial Project</b> (max crs 4; 4 repeats allowed; S-N only; prereq 1290 or 1296 or 1596, SSP 3003, instr consent) 28241 001 PRC; Tutoring schedules are arranged with the instructor.; Latterell, Carmen Marie, 1-2 cr	31793	002 LEC, 12:00pm-12:50pm MWThF, SCIV 265; Froncek, Dalibor, 4 cr
28223	004 DIS, 11:00am-11:50am TTh, HH 216; , 5 cr	<b>3280</b>	<b>Differential Equations with Linear Algebra</b> (A-F only; prereq A grade of at least C- in 1297 or 1597) 001 LEC, 09:00am-09:50am MWThF, LSBE 265; Trogdon, Steven Arman 28244 002 LAB, 09:00am-09:50am T, KPlz 395; , 4 cr 003 LEC, 11:00am-11:50am MWThF, SBE 36 28245 004 LAB, 11:00am-11:50am T, KPlz 143; Section 004 LAB auto-enrolls into 013 LEC; , 4 cr 005 LEC, 12:00pm-12:50pm MWThF, SBE 20; Hampton, Marshall E 28247 006 LAB, 12:00pm-12:50pm T, KPlz 143; , 4 cr 007 LEC, 01:00pm-01:50pm MWThF, SBE 20; Stech, Harlan W 29202 008 LAB, 01:00pm-01:50pm T, KPlz 143; , 4 cr 009 LEC, 02:00pm-02:50pm MWThF, SBE 20; Hampton, Marshall E 29281 010 LAB, 02:00pm-02:50pm T, KPlz 143; , 4 cr 011 LEC, 03:00pm-03:50pm MWThF, SBE 40; Section 004 LAB auto-enrolls into 013 LEC; Fei, Guihua 29573 012 LAB, 03:00pm-03:50pm T, KPlz 143; , 4 cr	28251	001 LEC, 02:00pm-02:50pm MWThF, SBE 32; Mc Farland, Robert L, 4 cr 31793 002 LEC, 12:00pm-12:50pm MWThF, SCIV 265; Froncek, Dalibor, 4 cr
28224	005 DIS, 12:00pm-12:50pm TTh, SBE 32; , 5 cr			31793	002 LEC, 12:00pm-12:50pm MWThF, SCIV 265; Froncek, Dalibor, 4 cr
28225	006 DIS, 01:00pm-01:50pm TTh, KPlz 385; , 5 cr			<b>3941</b>	<b>Undergraduate Colloquium</b> (S-N only; prereq Math major or minor, dept consent; must regis during sem of 16th point) 28253 001 COL, 03:00pm-04:50pm Th, Chem 150; Gallian, Joseph A, 1 cr
28226	007 DIS, 04:00pm-04:50pm TTh, VKH 221; , 5 cr			<b>4201</b>	<b>Elementary Real Analysis</b> (A-F only; prereq 3280, 3355, no Grad School cr; credit will not be granted if already received for 3299) 29776 001 LEC, 10:00am-10:50am MWThF, SBE 50; Lenz, Kathryn E, 4 cr
28228	008 LEC, 11:00am-11:50am MWF, LSci 175			<b>4240</b>	<b>Applied Mathematics: Operational Methods</b> (A-F only; prereq 3280) 31400 001 LEC, 09:00am-09:50am MWF, LSBE 165; Fei, Guihua, 3 cr
28228	009 DIS, 08:00am-08:50am TTh, SBE 40, 5 cr			<b>4326</b>	<b>Linear Algebra</b> (A-F only; prereq A grade of at least C- in 3280, 3355, no Grad School cr) 29145 001 LEC, 10:00am-10:50am MWF, Engr 177; Greene, John Robert, 3 cr
28229	010 DIS, 10:00am-10:50am TTh, Room TBA, DULUTH, 5 cr			<b>4371</b>	<b>Introduction to Abstract Algebra</b> (A-F only; prereq 3355, 4326 or 3280, teaching math major, cannot be used for math major elective; no Grad School cr) 29783 001 LEC, 04:00pm-05:15pm MW, SCC 120; Froncek, Dalibor, 3 cr
28230	011 DIS, 12:00pm-12:50pm TTh, KPlz 385, 5 cr			<b>5201</b>	<b>Real Variables</b> (A-F only; prereq 4201) 29784 001 LEC, 03:00pm-04:05pm MWF, SBE 32; Peckham, Bruce B, 4 cr
28231	012 DIS, 02:00pm-02:50pm TTh, SBE 40, 5 cr			<b>5260</b>	<b>Dynamical Systems</b> (prereq 3280) 33147 001 LEC, 09:00am-09:50am MWF, SBE 50; Peckham, Bruce B, 3 cr
28232	013 DIS, 03:00pm-03:50pm TTh, MWAH 175, 5 cr			<b>5371</b>	<b>Abstract Algebra I</b> (A-F only; prereq 3355 or 4326 or grad standing or instr consent) 28276 001 LEC, 02:00pm-02:50pm MWF, SBE 36; Gallian, Joseph A, 3 cr
28233	014 DIS, 04:00pm-04:50pm TTh, SpHC 208, 5 cr			<b>5830</b>	<b>Numerical Analysis: Approximation and Quadrature</b> (prereq 3280 or 4326, proficiency in FORTRAN or C or C++) 28284 001 LEC, 11:00am-11:50am MWF, SBE 20; Trogdon, Steven Arman, 4 cr
28914	015 LEC, 01:00pm-01:50pm MWF, SCC 120			<b>5991</b>	<b>Independent Study</b> (max crs 8; 8 repeats allowed; A-F only; prereq dept consent; Max 6 cr to a Grad School program.) 28846 001 IND; Fei, Guihua, 1-4 cr 28847 002 IND; Froncek, Dalibor, 1-4 cr 28848 003 IND; Gallian, Joseph A, 1-4 cr 28849 004 IND; Green, Richard F, 1-4 cr 28850 005 IND; Greene, John Robert, 1-4 cr 28851 006 IND; James, Barry R, 1-4 cr 28852 007 IND; James, Kang Ling, 1-4 cr 28853 008 IND; Latterell, Carmen Marie, 1-4 cr 28854 009 IND; Lenz, Kathryn E, 1-4 cr 28855 010 IND; Liu, Zhuangyi, 1-4 cr 28856 011 IND; Mc Farland, Robert L, 1-4 cr 28857 012 IND; Peckham, Bruce B, 1-4 cr 28858 013 IND; Qi, Yongcheng, 1-4 cr 28859 014 IND; Regal, Ronald Ray, 1-4 cr 28860 015 IND; Stech, Harlan W, 1-4 cr 29110 016 IND; Trogdon, Steven Arman, 1-4 cr 29817 017 IND; Hampton, Marshall E, 1-4 cr
29279	017 DIS, 09:00am-09:50am TTh, LSci 185; , 5 cr				
29391	018 DIS, 11:00am-11:50am TTh, KPlz 385; , 5 cr				
29392	019 DIS, 12:00pm-12:50pm TTh, SBE 50; , 5 cr				
29393	020 DIS, 01:00pm-01:50pm TTh, SBE 36; , 5 cr				
29394	021 DIS, 04:00pm-04:50pm TTh, SCIV 231; , 5 cr				
31797	024 LEC, 01:00pm-01:50pm MWF, SBE 40				
31807	025 DIS, 01:00pm-01:50pm TTh, KPlz 312; , 5 cr 026 LEC, 12:00pm-12:50pm MWF, SBE 17 027 DIS, 12:00pm-12:50pm TTh, SBE 40; , 5 cr				
<b>1297</b>	<b>Calculus II</b> (Credit will not be granted if credit has been received for: MATH 1597; A-F only; prereq A grade of at least C- in 1290 or 1296 or 1596) 001 LEC, 12:00pm-12:50pm MWF, LSci 175; Greene, John Robert				
28235	002 DIS, 08:00am-08:50am TTh, SpHC 210; , 5 cr				
28236	003 DIS, 10:00am-10:50am TTh, Room TBA, DULUTH; , 5 cr				
28237	004 DIS, 11:00am-11:50am TTh, Engr 118; , 5 cr				
28238	005 DIS, 12:00pm-12:50pm TTh, SBE 36; , 5 cr				
28239	006 DIS, 01:00pm-01:50pm TTh, HH 216; , 5 cr				
28240	007 DIS, 04:00pm-04:50pm TTh, H 468; , 5 cr 008 LEC, 01:00pm-01:50pm MWF, ABAH 245; Lecture format without discussion group.				
31781	009 DIS, 01:00pm-01:50pm TTh, SBE 40; All registration information is shown with DIS 008.; , 5 cr				

**8333 FTE: Master's**  
(NGA; prereq Master's student, adviser and DGS consent)  
28945 001 DRS; Liu, Zhuangyi, 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))  
28981 001 THE; Fei, Guihua, 1-18 cr  
29646 002 THE; Froncek, Dalibor, 1-18 cr  
29647 003 THE; Gallian, Joseph A, 1-18 cr  
29648 004 THE; Green, Richard F, 1-18 cr  
29649 005 THE; Greene, John Robert, 1-18 cr  
29650 006 THE; James, Barry R, 1-18 cr  
29651 007 THE; James, Kang Ling, 1-18 cr  
29652 008 THE; Latterell, Carmen Marie, 1-18 cr  
29653 009 THE; Lenz, Kathryn E, 1-18 cr  
29654 010 THE; Liu, Zhuangyi, 1-18 cr  
29655 011 THE; Mc Farland, Robert L, 1-18 cr  
29656 012 THE; Peckham, Bruce B, 1-18 cr  
29657 013 THE; Qi, Yongcheng, 1-18 cr  
29658 014 THE; Regal, Ronald Ray, 1-18 cr  
29659 015 THE; Stech, Harlan W, 1-18 cr  
29660 016 THE; Trogdon, Steven Arman, 1-18 cr  
29818 017 THE; Hampton, Marshall E, 1-18 cr

**8980 Graduate Seminar**  
(A-F only; prereq Instructor consent)  
28352 001 SEM, 04:00pm-04:50pm T, HH 216; Trogdon, Steven Arman, 1 cr

**8994 Directed Research**  
(max crs 12; 12 repeats allowed; A-F only; prereq Instructor consent)  
28861 001 DRS; Fei, Guihua, 1-4 cr  
28862 002 DRS; Froncek, Dalibor, 1-4 cr  
28863 003 DRS; Gallian, Joseph A, 1-4 cr  
28864 004 DRS; Green, Richard F, 1-4 cr  
28865 005 DRS; Greene, John Robert, 1-4 cr  
28866 006 DRS; James, Barry R, 1-4 cr  
28867 007 DRS; James, Kang Ling, 1-4 cr  
28868 008 DRS; Latterell, Carmen Marie, 1-4 cr  
28869 009 DRS; Lenz, Kathryn E, 1-4 cr  
28870 010 DRS; Liu, Zhuangyi, 1-4 cr  
28871 011 DRS; Mc Farland, Robert L, 1-4 cr  
28872 012 DRS; Peckham, Bruce B, 1-4 cr  
28873 013 DRS; Qi, Yongcheng, 1-4 cr  
28874 014 DRS; Regal, Ronald Ray, 1-4 cr  
28875 015 DRS; Stech, Harlan W, 1-4 cr  
29111 016 DRS; Trogdon, Steven Arman, 1-4 cr  
29819 017 DRS; Hampton, Marshall E, 1-4 cr

## MECHANICAL ENGINEERING (ME)

### Swenson College of Science & Engineering

**2105 Introduction to Material Science for Engineers**  
(A-F only; prereq Chem 1151)  
30843 001 LEC, 02:00pm-02:50pm MWF, ChPk 122; Dryke, Jake, 3 cr  
30844 002 LEC, 09:00am-09:50am MWF, Engr 280; , 3 cr

**2226 Dynamics**  
(Credit will not be granted if credit has been received for: ENGR 2026; A-F only; prereq Engr 2015 or CE 2017 and Math 3280)  
31760 001 LEC, 08:00am-09:15am TTh, ChPk 124; Kohn, Brian J, 3 cr

**3111 Fluid Mechanics**  
(A-F only; prereq Engr 2026, BSME or BSChE cand or instr consent; credit will not be granted if already received for ChE 3111 or CE 3221)  
30324 001 LEC, 02:00pm-02:50pm MWF, Engr 280; Abou PhD, Seraphin Chally, 3 cr

**3140 System Dynamics and Control**  
(A-F only; prereq CS 1121 or 1131 or 1211 or 1511 or 2121, ECE 2006, Math 3280, BSME cand or instr consent)  
30073 001 LEC, 11:00am-11:50am MWF, VKH 221, 11:00am-11:50am W, Engr 204; meets in 204 Engr; Yu, Xun, 3 cr

**3211 Thermodynamics**  
(A-F only; prereq Phys 2012, ME 3111, BSME cand or instr consent.)  
29809 001 LEC, 08:00am-08:50am MWF, BohH 112; Hoxie, Alison Behrens, 3 cr

**3222 Controls and Kinematics Laboratory**  
(A-F; prereq 3140 with a grade of C- or better, Concurrent registration is required (or allowed) in 3230; credit will not be granted if already received for IE 4135 and/or ME 4135)  
001 LEC, 03:00pm-03:50pm M, SpHC 210; Yu, Xun

30303 002 LAB, 01:00pm-02:50pm T, VKH 162; Yu, Xun, 2 cr  
003 LEC, 03:00pm-03:50pm M, Chem 153; Zhou, Debao  
30460 004 LAB, 10:00am-11:50am Th, VKH 162; Zhou, Debao, 2 cr

**3230 Kinematics and Mechatronics**  
(Credit will not be granted if credit has been received for: IE 4135, ME 4135; A-F; prereq 3140, Math 3298)  
30342 001 LEC, 10:00am-10:50am MWF, VKH 221, 10:00am-10:50am M, KPlz 143, 05:00pm-05:50pm W, Engr 204; meets in 204 Engr; Zhou, Debao, 3 cr

**4112 Heat and Mass Transfer**  
(Credit will not be granted if credit has been received for: CHE 3112; A-F only; prereq 3211, Math 3298, BSME or BSChE cand or instr consent)  
29371 001 LEC, 01:00pm-01:50pm MWF, Engr 177; Pope, Daniel, 3 cr

**4122 Heat Transfer, Thermodynamics and Fluid Mechanics Laboratory**  
(A-F only; prereq Concurrent registration is required (or allowed) in 4112 or ChE 3112 or instr consent, BSME cand)  
001 LEC, 04:00pm-04:50pm M, DAdB 16A; Pope, Daniel  
29373 002 LAB, 10:00am-11:50am T, VKH 164; Pope, Daniel, 2 cr  
29374 003 LAB, 01:00pm-02:50pm T, VKH 164; Pope, Daniel, 2 cr  
30306 004 LAB, 10:00am-11:50am Th, VKH 164; Abou PhD, Seraphin Chally, 2 cr  
30307 005 LAB, 08:00am-09:50am Th, VKH 164; Abou PhD, Seraphin Chally, 2 cr  
006 LEC, 04:00pm-04:50pm M, BohH 343; Abou PhD, Seraphin Chally

**4135 Robotics and Controls**  
(Credit will not be granted if credit has been received for: IE 4135, ME 3230; A-F only; prereq ME 3140, 3230, ENGR 20226 or ME 2226, BSME or BSIE candidate or instr consent)  
31399 001 LEC, 09:00am-09:50am MWF, SSB 216; Lindeke, Richard R, 4 cr

**4145 CAD/CAM**  
(A-F only; prereq Engr 2016, BSIE International Engineering, or BSME cand, or instr consent; credit will not be granted if already received for IE 4145)  
001 LEC, 09:00am-09:50am MWF, Engr 290; Nguyen, The Minh  
28568 002 LAB, 08:00am-09:50am T, SCIV 224; Carrillo, Jose, 4 cr  
28569 003 LAB, 12:00pm-01:50pm Th, Room TBA; Nguyen, The Minh, 4 cr

**4175 Machine Design**  
(A-F only; prereq Engr 2016 or CE 2017 and ME 2105, BSME cand or instr consent; credit will not be granted if already received for IE 4175)  
28319 001 LEC, 02:00pm-02:50pm MWF, Engr 177; Nguyen, The Minh, 3 cr

**4196 Cooperative Education**  
(Credit will not be granted if credit has been received for: IE 4196; max crs 2; A-F only; prereq BSME cand, instr consent, no Grad School cr)  
29730 001 IEX, 1 cr

**4255 Multidisciplinary Senior Design**  
(Credit will not be granted if credit has been received for: IE 4255; A-F only; prereq 4112, 4175, EMgt 4110, BSME cand, or instr consent; no Grad School credit)  
001 LEC, 03:00pm-04:50pm T, Engr 118  
31490 002 LAB, 01:00pm-04:50pm Th, Engr 118; ; Lindeke, Richard R, 4 cr

**4491 Independent Study in Mechanical Engineering**  
(max crs 4; 4 repeats allowed; prereq Sr standing in engineering discipline, instr consent)  
29731 001 IND, 1-4 cr

**5355 Gas Turbines**  
(A-F only; prereq 3111, 3211 and BSME or MEng or MSEM or instr consent)  
31761 001 LEC, 03:00pm-03:50pm MWF, SBE 51; Hoxie, Alison Behrens, 3 cr

## MEDICAL AND MOLECULAR PHYSIOLOGY (Phs)

### Duluth School of Medicine

**5211 Literature Seminar**  
(max crs 2; S-N only)  
29663 001 SEM; Wittmers Jr, Lorentz E, 1-2 cr

**5292 Readings in Physiology**  
(max crs 3; prereq instr consent)  
31769 001 DRD; Wittmers Jr, Lorentz E, 1-3 cr

**5294 Research in Physiology**  
(max crs 15; prereq instr consent)  
31770 001 DRS; Wittmers Jr, Lorentz E, 1-15 cr

**5601 Physiology of Organ Systems I**  
(A-F only; prereq Biol 2101 or Biol 2201 or Chem 3322 or 4341 or instr consent)  
29642 001 LEC, 11:00am-11:50am MTThF, MWAH 191; Stauffer PhD, Edward K, 4 cr

**8333 FTE: Master's**  
(NGA; prereq Masters student, adviser and DGS consent)  
28948 001 DRS; Wittmers Jr, Lorentz E, 1 cr

**8401 Physiology of Aging**  
(prereq 5601, instructor consent)  
29664 001 DIS; Heller PhD, Lois Jane, 2 cr

**8441 Transport Processes**  
(prereq 5601, instr consent)  
30386 001 LEC; Wittmers Jr, Lorentz E, 2 cr

**8444 FTE: Doctoral**  
(NGA; prereq Doctoral student, adviser and DGS consent)  
28958 001 DRS; Wittmers Jr, Lorentz E, 1 cr

**8666 Doctoral Pre-Thesis Credits**  
(max crs 12; NGA; prereq Max 6 cr per semester or summer; doctoral student who has not passed prelim oral; no required consent for the first two registrations up to 12 cr; departmental consent for the third and fourth registrations up to an additional 12 cr, or 24 cr total (for doctoral students admitted summer 2007 and beyond; doctoral students admitted prior to summer 2007 may register up to 4 times totaling 60 cr))  
28966 001 THE; Wittmers Jr, Lorentz E, 1-6 cr

**8777 Thesis Credits: Master's**  
(max crs 50; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 10 cr total required (Plan A only))  
28985 001 THE; Wittmers Jr, Lorentz E, 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)  
28995 001 THE; Wittmers Jr, Lorentz E, 1-24 cr

## MEDICAL MICROBIOLOGY AND IMMUNOLOGY (MicB)

### Duluth School of Medicine

**5545 Immunobiology**  
(A-F only; prereq dept consent)  
29186 001 LEC, 01:00pm-01:50pm MWF, Med 165; Clarke, Benjamin L, 3 cr

**5591 Problems in Medical Microbiology and Immunology**  
(max crs 8; 8 repeats allowed; prereq Open to med students or qualified upper div and grad students with instr consent)  
31811 001 IND; Clarke, Benjamin L, 1-4 cr

**8333 FTE: Master's**  
(NGA; prereq Masters student, adviser and DGS consent)  
28947 001 DRS; Ziegler, Richard J, 1 cr

**8444 FTE: Doctoral**  
(NGA; prereq Doctoral student, adviser and DGS consent)  
28956 001 DRS; Ziegler, Richard J, 1 cr



<b>8554</b>	<b>Advanced Immunology and Immunobiology</b> (A-F only; prereq 5545 or instructor consent)	29953	002 LEC, 10:00am-10:50am MWF, H 222; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Anderson, A, 3 cr	28795	002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson)
31805	001 DIS; Clarke, Benjamin L, 2 cr				Class meets in WMH 101; Lipke-Perry, Tracy Donna; Chernyshev, Alexander; Rubin, Justin Henry, 3 cr
<b>8777</b>	<b>Thesis Credits: Master's</b> (max crs 50; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 10 cr total required (Plan A only))	28618	090 LEC, 05:00pm-07:40pm M, H 150; (Open CE Reserve seats will be available to UMD students 08/30/11.); 6 seats reserved for Continuing Education; Campbell, Jefferson T, 3 cr	<b>1322</b>	<b>Piano-Non Major</b> (A-F only; prereq Non-music major or music major sec instr; may be repeated)
28983	001 THE; Ziegler, Richard J, 1-18 cr			28556	001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Chernyshev, Alexander; Rubin, Justin Henry; Lee, Seulgee; Lipke-Perry, Tracy Donna; Lanzer, Kate J, 1 cr
<b>8888</b>	<b>Thesis Credits: Doctoral</b> (max crs 100; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 24 cr required)	30416	350 LEC; (Online instruction. Students must register by 9/6/11 and complete all requirements by 12/16/11. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course.</a> Open CE reserved seats will be available to UMD students on August 30, 2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Rubin, Justin Henry, 3 cr	<b>1325</b>	<b>Jazz Piano-Major</b> (max crs 18; 9 repeats allowed; A-F; prereq Prereq-Music major, performance majors register for 3 cr; all others register for 2 cr.)
28993	001 THE; Ziegler, Richard J, 1-24 cr			28574	001 STU, 01:00pm-01:50pm Th, H 224; (+ 1 hr arr lesson); Frane, Ryan J, 2 cr
				28796	002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Frane, Ryan J, 3 cr
		<b>1003</b>	<b>Beethoven to the Beatles</b> (meets LE req of LE CAT9)	<b>1326</b>	<b>Jazz Piano-Non Major</b> (max crs 12; 12 repeats allowed; A-F; prereq Non-music major or music major sec instrument)
<b>3998</b>	<b>Human Biology and Behavior Topics</b> (max crs 12; 12 repeats allowed; prereq instr consent)	28619	001 LEC, 08:00am-08:50am MWF, MonH 80; Wegren, Thomas Joseph, 3 cr	28576	001 STU; Students must request permission number to register for this class (student to arrange 1/2 hr weekly lesson in 231 Humanities); Frane, Ryan J, 1 cr
28692	001 LEC, 1-10 cr	30920	002 LEC, 12:00pm-12:50pm MWF, BohH 90; Wegren, Thomas Joseph, 3 cr	<b>1327</b>	<b>Jazz Applied</b> (max crs 12; 6 repeats allowed; A-F only; prereq 2803)
<b>5085</b>	<b>Medical Research Ethics, Responsible Conduct of Research</b> (S-N; prereq instr consent, no Grad School cr)	<b>1005</b>	<b>Jazz Studies</b> (A-F; meets LECD req of LECD CAT09)	31885	001 STU; Barnard, William Michael, 2 cr
30694	001 LEC; Trachte, George J, 1 cr	28620	001 LEC, 12:00pm-12:50pm MWF, MonH 70; Barnard, William Michael, 3 cr	33207	002 STU; Frane, Ryan J, 2 cr
<b>6102</b>	<b>Introduction to Rural Family Medicine</b> (P-N; prereq Registered medical student)	28621	002 LEC, 01:00pm-01:50pm MWF, MonH 70; Barnard, William Michael, 3 cr	33208	003 STU; Koshinski, Eugene J, 2 cr
31810	001 LEC; Westra, Ruth E, 4 cr	<b>1010</b>	<b>Introductory Theory</b> (max crs 4; A-F; prereq Music major or musical theatre major or dept consent, Concurrent registration is required (or allowed) in 1011; credit will not be granted if already received for Th 1114, MU 1112)	33209	004 STU; Pfotenhauer, Thomas R, 2 cr
<b>6301</b>	<b>Medical Epidemiology and Biometrics</b> (P-N; prereq Regis med student; credit will not be granted if already received for BhSc 6301)	30880	001 LEC, 01:00pm-01:50pm MWF, H 222; Scott, Lorie E, 2 cr	<b>1331</b>	<b>Organ-Major</b> (max crs 18; 9 repeats allowed; A-F; prereq Prereq-Music major, performance majors register for 3 cr; all others register for 2 cr.)
29104	001 LEC; Hoffman PhD, LP, Richard G; Kowalczyk PhD, John P, 3 cr	<b>1111</b>	<b>Tonal Harmony I</b> (A-F; prereq Music major or music minor; credit will not be granted if already received for Mu 1010 or Th 1114)	28577	001 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Rubin, Justin Henry, 2 cr
<b>6788</b>	<b>Skin/Musculoskeletal System</b> (O-N only; prereq Regis med student)	30214	001 LEC, 08:00am-08:50am MWF, H 150; Scott, Lorie E, 3 cr	28797	002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Rubin, Justin Henry, 3 cr
31853	001 LEC; Repesh, Lillian A, 5 cr	31622	002 LEC, 09:00am-09:50am MWF, H 150; Scott, Lorie E, 3 cr	<b>1332</b>	<b>Organ-Non Major</b> (A-F only; prereq Non-music major or music major sec instr; may be repeated)
		<b>1112</b>	<b>Ear-Training and Sight-Singing I</b> (A-F; prereq Music major or music minor; credit will not be granted if already received for Mu 1112 or Th 1114)	28579	001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Rubin, Justin Henry, 1 cr
		30215	001 LAB, 08:00am-08:50am TTh, H 150; Husby, Betsy Margare, 1 cr	<b>1350</b>	<b>Violin - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instrument)
		30227	002 LAB, 10:00am-10:50am TTh, H 150; Husby, Betsy Margare, 1 cr	31626	001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Perrault, Rudy; Anderson, A, 1 cr
		<b>1311</b>	<b>Voice - Major</b> (max crs 18; 18 repeats allowed; A-F; prereq Music major, dept consent, performance majors register for 3 cr in major instrument only; all others register for 2 cr)	<b>1351</b>	<b>Violin - Major</b> (max crs 18; 9 repeats allowed; A-F; prereq Music major, performance majors register for 3 cr; all others register for 2 cr.)
		28551	001 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Inselman, Rachel Laura; Wold, Stanley R; MOKOLE, Elias; Thielen-Gaffey, Tina; Zona, Regina M, 2 cr	28581	001 STU, 01:00pm-01:50pm Th, H 243; (+ 1 hr arr lesson); Perrault, Rudy, 2 cr
		28794	002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Thielen-Gaffey, Tina; Wold, Stanley R; MOKOLE, Elias; Inselman, Rachel Laura; Zona, Regina M, 3 cr	28798	002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Perrault, Rudy, 3 cr
		<b>1312</b>	<b>Voice-Non Major</b> (max crs 2; A-F only; prereq Non-music major or music major secondary instr; may be repeated)	<b>1352</b>	<b>Viola - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instrument)
		28552	001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Inselman, Rachel Laura; Kulas, Kate F; Wold, Stanley R; Thielen-Gaffey, Tina; Buck, Crystale Eileen; Bayley, Beth; Ufema, Kate; McConico, Marcus A; MOKOLE, Elias; Weis, Amanda A; Zona, Regina M, 1 cr	28583	001 STU; (Violin) (student to arrange 1/2 hr weekly lesson in 231 Humanities); Perrault, Rudy; Anderson, A, 1 cr
		<b>1321</b>	<b>Piano - Major</b> (max crs 18; 18 repeats allowed; A-F; prereq Music major, performance majors register for 3 cr; all others register for 2 cr.)	<b>1353</b>	<b>Viola - Major</b> (max crs 18; 9 repeats allowed; A-F only; prereq Music major, performance majors register for 3 cr; all others register for 2 cr.)
		28572	001 STU, 01:00pm-01:50pm Th, WMH 101; (+ 1 hr arr lesson); Lipke-Perry, Tracy Donna; Chernyshev, Alexander; Rubin, Justin Henry, 2 cr	31627	001 STU; (1 hr arranged lesson); Perrault, Rudy, 2 cr
				31628	002 STU; (1 hr arranged lesson); Perrault, Rudy, 3 cr
				<b>1354</b>	<b>Cello - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music sec instrument)
				31629	001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Husby, Betsy Margare, 1 cr

- 1355 Cello - Major**  
(max crs 18; 9 repeats allowed; A-F only; prereq Music major, performance majors register for 3 cr; all others register for 2 cr.)
- 31630 001 STU; (1 hr arranged lesson); Husby, Betsy Margare, 2 cr
- 31631 002 STU; (1 hr arranged lesson); Husby, Betsy Margare, 3 cr
- 1356 Harp - Non-Majors**  
(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instrument)
- 31632 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Lemire, Janell Marie, 1 cr
- 1357 Harp - Major**  
(max crs 18; 9 repeats allowed; A-F; prereq Music major, performance majors register for 3 cr; all others register for 2 cr.)
- 28585 001 STU; (1 hr arranged lesson); Lemire, Janell Marie, 2 cr
- 28799 002 STU; (1 hr arranged lesson); Lemire, Janell Marie, 3 cr
- 1358 Bass - Non-Majors**  
(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instrument)
- 28587 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Schauer, Joseph M, 1 cr
- 1359 Bass - Major**  
(max crs 18; 9 repeats allowed; A-F only; prereq Music major, performance majors register for 3 cr; all others register for 2 cr)
- 31633 001 STU; (1 hr arranged lesson); Schauer, Joseph M, 2 cr
- 31634 002 STU; (1 hr arranged lesson); Schauer, Joseph M, 3 cr
- 1360 Clarinet - Non-Major**  
(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instrument)
- 31635 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Schimming, Paul David; Schoen, Theodore A, 1 cr
- 1361 Clarinet - Major**  
(max crs 18; 9 repeats allowed; A-F; prereq Music major, performance majors register for 3 cr; all others register for 2 cr.)
- 28589 001 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson)
- Class meets in H 239; Schimming, Paul David; Schoen, Theodore A, 2 cr
- 28800 002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson)
- Class meets in H 239; Schimming, Paul David; Schoen, Theodore A, 3 cr
- 1362 Saxophone - Non-Major**  
(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instrument)
- 28591 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Schoen, Theodore A; Bombardier, Bradley Andrew, 1 cr
- 1363 Saxophone - Major**  
(max crs 18; 9 repeats allowed; A-F only; prereq Music major, performance majors register for 3 credits, all others register for 2 credits.)
- 31636 001 STU; (1 hr arranged lesson); Bombardier, Bradley Andrew; Schoen, Theodore A, 2 cr
- 31637 002 STU; (1 hr arranged lesson); Bombardier, Bradley Andrew; Schoen, Theodore A, 3 cr
- 1364 Flute - Non-Major**  
(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instrument)
- 31638 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Scott, Lorie E, 1 cr
- 1365 Flute - Major**  
(max crs 18; 9 repeats allowed; A-F only; prereq Music major, performance majors register for 3 cr; all others register for 2 cr.)
- 31639 001 STU; (1 hr arranged lesson); Scott, Lorie E, 2 cr
- 31640 002 STU; (1 hr arranged lesson); Scott, Lorie E, 3 cr
- 1366 Oboe - Non-Major**  
(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instrument)
- 31641 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Van Brunt, Laurie, 1 cr
- 1367 Oboe - Major**  
(max crs 18; 9 repeats allowed; A-F only; prereq Music major, performance majors register for 3 cr all others register for 2 cr)
- 31642 001 STU; (1 hr arranged lesson); Van Brunt, Laurie, 2 cr
- 31643 002 STU; (1 hr arranged lesson); Van Brunt, Laurie, 3 cr
- 1368 Bassoon - Non-Major**  
(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instrument)
- 31644 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Campbell, Jefferson T, 1 cr
- 1369 Bassoon - Major**  
(max crs 18; 9 repeats allowed; A-F only; prereq Music major, performance majors register for 3 cr all others register for 2 cr)
- 31645 001 STU; (1 hr arranged lesson); Campbell, Jefferson T, 2 cr
- 31646 002 STU; (1 hr arranged lesson); Campbell, Jefferson T, 3 cr
- 1370 Trumpet - Non-Major**  
(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instrument)
- 31647 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Pfothenauer, Thomas R, 1 cr
- 1371 Trumpet - Major**  
(max crs 12; 6 repeats allowed; A-F; prereq Music major, performance majors register for 3 cr; all others register for 2 cr.)
- 28593 001 STU, 01:00pm-01:50pm Th, H 245; (+ 1 hr arr lesson); Pfothenauer, Thomas R, 2 cr
- 28801 002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson)
- Class meets in H 245; Pfothenauer, Thomas R, 3 cr
- 1372 Trombone - Non-Major**  
(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instrument)
- 28637 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Whitlock, Mark Eugene, 1 cr
- 1373 Trombone - Major**  
(max crs 12; 6 repeats allowed; A-F only; prereq Music major, performance majors register for 3 cr all others register for 2 cr)
- 31648 001 STU; (1 hr arranged lesson); Whitlock, Mark Eugene, 2 cr
- 31649 002 STU; (1 hr arranged lesson); Whitlock, Mark Eugene, 3 cr
- 1374 French Horn - Non-Major**  
(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instruments)
- 31650 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Pospisil, James A, 1 cr
- 1375 French Horn - Major**  
(max crs 12; 6 repeats allowed; A-F only; prereq Music major, performance majors register for 3 cr all others register for 2 cr)
- 31651 001 STU; (1 hr arranged lesson); Pospisil, James A, 2 cr
- 31652 002 STU; (1 hr arranged lesson); Pospisil, James A, 3 cr
- 1376 Tuba - Non-major**  
(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instrument)
- 31653 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Eaton, Daniel W, 1 cr
- 1377 Tuba - Major**  
(max crs 12; 6 repeats allowed; A-F only; prereq Music major, performance majors register for 3 cr all other register for 2 cr)
- 31654 001 STU; (1 hr arranged lesson); Eaton, Daniel W, 2 cr
- 31655 002 STU; (1 hr arranged lesson); Eaton, Daniel W, 3 cr
- 1378 Euphonium - Non-Major**  
(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instrument)
- 31656 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Eaton, Daniel W, 1 cr
- 1379 Euphonium - Major**  
(max crs 12; 6 repeats allowed; A-F only; prereq Music major, performance majors register for 3 credits all others register for 2 cr)
- 31657 001 STU; (1 hr arranged lesson); Eaton, Daniel W, 2 cr
- 31658 002 STU; (1 hr arranged lesson); Eaton, Daniel W, 3 cr
- 1381 Percussion-Major**  
(max crs 12; 6 repeats allowed; A-F; prereq Prereq-Music major, performance majors register for 3 cr; all others register for 2 cr.)
- 28598 001 STU, 01:00pm-01:50pm Th, MPAC 1; (+ 1 hr arr lesson); Koshinski, Eugene J, 2 cr
- 28802 002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Koshinski, Eugene J, 3 cr
- 1382 Percussion-Non Major**  
(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instrument)
- 28601 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Koshinski, Eugene J, 1 cr
- 1391 Classical Guitar-Major**  
(max crs 12; 6 repeats allowed; A-F; prereq Prereq-Music major, performance majors register for 3 cr; all others register for 2 cr.)
- 28603 001 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Jonker, Jacob Peter, 2 cr
- 28803 002 STU, 01:00pm-01:50pm Th, H 231; (+ 1 hr arr lesson); Jonker, Jacob Peter, 3 cr
- 1392 Classical Guitar-Non Major**  
(max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major sec instrument)
- 28607 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Jonker, Jacob Peter, 1 cr
- 1395 Jazz Guitar - Major**  
(max crs 12; 6 repeats allowed; A-F; prereq Prereq-Music major, performance majors register for 3 cr; all others register for 2 cr.)
- 28609 001 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson)
- Class meets in H 171B; Schauer, Joseph M; Barnard, William Michael, 2 cr
- 28804 002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson)
- Class meets in H 171B; Schauer, Joseph M; Barnard, William Michael, 3 cr
- 1396 Jazz Guitar-Non Major**  
(A-F only; Non-Music major or Music major sec instr; may be repeated)
- 28611 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Barnard, William Michael; Schauer, Joseph M; O'Hara, Thomas; Cooper, James M, 1 cr
- 1398 Pop Styles Guitar - Non Major**  
(max crs 12; 12 repeats allowed; A-F; prereq Non-music major or music major sec instrument)
- 28613 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Cooper, James M; Barnard, William Michael; Schauer, Joseph M; O'Hara, Thomas, 1 cr
- 1411 Diction: Italian and English**  
(A-F only; prereq Principal instr voice or instr consent)
- 28487 001 LEC, 11:00am-11:50am TTh, H 222; Inselman, Rachel Laura, 1 cr
- 1421 Piano Class I**  
(A-F only; prereq Music major or instr consent)
- 28542 001 LAB, 09:00am-09:50am MW, H 160; Chernyshev, Alexander, 1 cr
- 28543 002 LAB, 09:00am-09:50am TTh, H 160; Doty, Jeanne Alyce, 1 cr

<b>1442 Percussion Techniques</b> (A-F only; prereq Music major or instr consent)	28514	003 REH, 06:00pm-06:50pm TTh, WMH 206; (Combo II); Meets with: 28525 MU 4541; Frane, Ryan J; Pfothenhauer, Thomas R, 1 cr	<b>2447 Brass Techniques</b> (A-F Only; prereq Music major or instr consent)	28453	001 LAB, 1 cr
28447 001 LAB, 10:00am-10:50am MW, ChPk B13; Koshinski, Eugene J, 1 cr	28515	004 REH, 06:00pm-06:50pm TTh, H 171; (Combo III); Meets with: 28526 MU 4541; Barnard, William Michael, 1 cr	<b>2624 Group Piano Teaching Techniques</b> (A-F Only; prereq Music major or instr consent)	30568	001 LAB, 2 cr
<b>1501 Concert Band</b> (max crs 12; 12 repeats allowed; prereq Instructor determines placement; meets LE req of LE CAT 10)	28516	005 REH, 06:00pm-06:50pm MW, WMH 206; (Combo IV); Meets with: 28527 MU 4541; Koshinski, Eugene J, 1 cr	<b>2802 Jazz Improvisation I</b> (A-F Only; prereq 2110)	29080	001 LEC, 11:00am-11:50am TTh, WMH 206; Barnard, William Michael, 2 cr
28448 001 REH, 06:00pm-07:30pm MW, ChPk B13; Meets with: 28460 MU 4501; Whitlock, Mark Eugene; Eaton, Daniel W, 1 cr	28517	006 REH, 04:00pm-04:50pm F, MonH 80; (Pep Band); Meets with: 28528 MU 4541; Eaton, Daniel W, 1 cr	<b>3101 Form and Analysis</b> (A-F Only; prereq 2121, 2122)	28476	001 LEC, 08:00am-08:50am MW, H 222; Rubin, Justin Henry, 2 cr
<b>1502 Symphonic Wind Ensemble</b> (max crs 12; 12 repeats allowed; prereq Instructor determines placement; meets LEIP req of LEIP CAT 10)	28518	007 REH, 04:00pm-04:50pm MW, WMH 206; (Guitar Ensemble); Meets with: 28529 MU 4541; Barnard, William Michael, 1 cr	<b>3105 Composition II</b> (max crs 4; A-F only; prereq 2105)	28535	001 LEC, 12:00pm-01:40pm F, BohH 343; (1 hr arr); Meets with: 28534 MU 2105, 28536 MU 4105; Rubin, Justin Henry, 2 cr
28449 001 REH, 03:00pm-04:30pm MWF, ChPk B13; Meets with: 28465 MU 4502; Whitlock, Mark Eugene, 1 cr	28519	008 REH; (1-2 hr arr) (Strings); Meets with: 28530 MU 4541; Perrault, Rudy, 1 cr	<b>3201 Music History I</b> (A-F Only; prereq MU 1121/1122 or instr consent)	28545	001 LEC, 10:00am-10:50am MWF, H 150; Campbell, Jefferson T, 3 cr
<b>1503 Symphony Orchestra</b> (max crs 12; 12 repeats allowed; prereq Instructor determines placement; meets LEIP req of LEIP CAT 10)	28520	009 REH, 07:00pm-07:50pm MW, WMH 206; (1-2 hr arr) (Brass Quintet); Meets with: 28531 MU 4541; Pfothenhauer, Thomas R, 1 cr	<b>3212 Opera Literature</b> (A-F Only; prereq [1121, 1122], music major or instr consent)	31773	001 LEC, 09:00am-09:50am MW, H 222; Meets with: 29240 MU 5206; Inselman, Rachel Laura, 2 cr
28450 001 REH, 07:00pm-09:30pm TTh, ChPk B13; Meets with: 28466 MU 4503; Perrault, Rudy, 1 cr	28521	010 REH; (1-2 hr arr) (Woodwinds); Meets with: 28532 MU 4541; Scott, Lorie E; Bombardier, Bradley Andrew; Campbell, Jefferson T, 1 cr	<b>3300 Junior Recital</b> (max crs 3; 3 repeats allowed; A-F only; prereq dept consent, may be repeated)	28502	001 DST, 02:00pm-06:00pm Su, WMH 101; Campbell, Jefferson T, 1 cr
<b>1504 Chamber Orchestra</b> (max crs 12; 12 repeats allowed; prereq instr consent; meets LE req of LE CAT 10)	28522	011 REH; (1-2 hr arr) (Piano Trio); Meets with: 28533 MU 4541; Husby, Betsy Margare; Doty, Jeanne Alyce; Chernyshev, Alexander, 1 cr	30949	002 DST; Chernyshev, Alexander, 1 cr	
29100 001 REH, 05:00pm-06:30pm TTh, ChPk B13; Meets with: 29101 MU 4504; Perrault, Rudy, 1 cr	30340	012 REH, 04:45pm-06:30pm MWF, Room TBA; Marching Band; Meets with: 30341 MU 4541; Eaton, Daniel W, 1 cr	30951	003 DST; , 1 cr	
<b>1505 Jazz Ensemble</b> (max crs 12; 12 repeats allowed; prereq Instructor determines placement; meets LECD req of LECD CAT 10)	29291	013 REH, 03:00pm-03:50pm MW, WMH 206; Meets with: 29292 MU 4541; Barnard, William Michael, 1 cr	30953	004 DST; Eaton, Daniel W, 1 cr	
28495 001 REH, 01:20pm-02:10pm MWF, ChPk B13; Additional 90 minute arranged sectional time is also required and must be scheduled with Instructor.; Meets with: 28504 MU 4505; Frane, Ryan J, 1 cr	30725	014 REH; Meets with: 30726 MU 4541; Jonker, Jacob Peter, 1 cr	30960	005 DST; Frane, Ryan J, 1 cr	
28496 002 REH, 12:15pm-01:15pm MWF, ChPk B13; Meets with: 28505 MU 4505; Pfothenhauer, Thomas R, 1 cr	30943	015 REH; Trumpet Ensemble; Meets with: 30946 MU 4541; Pfothenhauer, Thomas R, 1 cr	30961	006 DST; Husby, Betsy Margare, 1 cr	
<b>1510 Concert Chorale</b> (max crs 12; 12 repeats allowed; prereq Instructor determines placement; meets LE req of LE CAT 10)	30728	016 REH; (Sax Quartet); Meets with: 30729 MU 4541; Bombardier, Bradley Andrew, 1 cr	30962	007 DST; Inselman, Rachel Laura, 1 cr	
28497 001 REH, 06:00pm-07:30pm MW, ChPk 209; Meets with: 28506 MU 4510; Thielen-Gaffey, Tina, 1 cr	31123	017 REH; Meets with: 31124 MU 4541; Whitlock, Mark Eugene, 1 cr	30963	008 DST; Kritzmire, Judith A, 1 cr	
<b>1511 University Singers</b> (max crs 12; 12 repeats allowed; prereq Instructor determines placement; meets LEIP req of LEIP CAT 10)	31896	018 REH; (Combo V); Meets with: 31897 MU 4541; Schauer, Joseph M, 1 cr	30964	009 DST; Koshinski, Eugene J, 1 cr	
28498 001 REH, 03:20pm-04:30pm MTWTh, ChPk 209; Meets with: 28499 MU 4511; Wold, Stanley R, 1 cr	<b>2001 Ethnic and Folk Music of the World</b> (meets LEIP req of LEIP CAT 09)	<b>2001 Ethnic and Folk Music of the World</b> (meets LEIP req of LEIP CAT 09)	30965	010 DST; Perrault, Rudy, 1 cr	
<b>1512 Chamber Singers</b> (max crs 12; 12 repeats allowed; prereq Concurrent registration is required (or allowed) in 1511 or 4511; instructor determines placement; meets LE req of LE CAT 10)	28652	001 LEC, 01:00pm-01:50pm MWF, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Anderson, A, 3 cr	30966	011 DST; Pfothenhauer, Thomas R, 1 cr	
28500 001 REH, 02:00pm-03:15pm MW, ChPk 209; Meets with: 28507 MU 4512; Wold, Stanley R, 1 cr	29048	002 LEC, 02:00pm-02:50pm MWF, H 150; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Anderson, A, 3 cr	30967	012 DST; Eaton, Daniel W, 1 cr	
<b>1513 Vocal Jazz Ensemble</b> (max crs 12; 12 repeats allowed; prereq Instructor determines placement; meets LECD req of LECD CAT 10)	<b>2003 Survey of American Music</b> (meets LE req of LE CAT 9)	<b>2003 Survey of American Music</b> (meets LE req of LE CAT 9)	30968	013 DST; Thielen-Gaffey, Tina, 1 cr	
28501 001 REH, 05:00pm-06:00pm TWTh, ChPk 213; Class meets in Chester Park B-13; Meets with: 28508 MU 4513; Thielen-Gaffey, Tina, 1 cr	29774	001 LEC, 11:00am-11:50am MWF, H 222; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Anderson, A, 3 cr	30969	014 DST; Wegren, Thomas Joseph, 1 cr	
29114 002 REH, 06:00pm-06:50pm TTh, ChPk 213; Meets with: 29115 MU 4513; Thielen-Gaffey, Tina, 1 cr	<b>2105 Composition I</b> (max crs 4; A-F only; prereq 1121 or 1122)	<b>2105 Composition I</b> (max crs 4; A-F only; prereq 1121 or 1122)	30970	015 DST; Whitlock, Mark Eugene, 1 cr	
<b>1541 Chamber Music</b> (max crs 6; 12 repeats allowed; A-F only; prereq Instructor determines placement)	28534	001 LEC, 12:00pm-01:40pm F, BohH 343; (+1 hr arr); Meets with: 28535 MU 3105, 28536 MU 4105; Rubin, Justin Henry, 2 cr	30971	016 DST; Wold, Stanley R, 1 cr	
28512 001 REH, 03:30pm-04:30pm TTh, ChPk B13; (1-2 hr arr H 243) (Percussion Ensemble); Meets with: 28523 MU 4541; Koshinski, Eugene J, 1 cr	<b>2111 Tonal Harmony III</b> (A-F; prereq 1102 or 1121)	<b>2111 Tonal Harmony III</b> (A-F; prereq 1102 or 1121)	30972	017 DST; Zona, Regina M, 1 cr	
28513 002 REH, 05:00pm-05:50pm MW, WMH 206; (Combo I); Meets with: 28524 MU 4541; Pfothenhauer, Thomas R, 1 cr	30251	001 LEC, 09:00am-09:50am MWF, WMH 206; Rubin, Justin Henry, 3 cr	30973	018 DST; Bombardier, Bradley Andrew, 1 cr	
	<b>2112 Ear-Training III</b> (A-F; prereq 1122)	<b>2112 Ear-Training III</b> (A-F; prereq 1122)	30974	019 DST; Jonker, Jacob Peter, 1 cr	
	30252	001 LAB, 09:00am-09:50am TTh, H 150; Husby, Betsy Margare, 1 cr	30975	020 DST; Pospisil, James A, 1 cr	
	<b>2422 Piano Proficiency Preparation</b> (max crs 2; A-F; prereq Music major, dept consent)	<b>2422 Piano Proficiency Preparation</b> (max crs 2; A-F; prereq Music major, dept consent)	30976	021 DST; Schauer, Joseph M, 1 cr	
	30370	001 LAB, 11:00am-11:50am TTh, H 160; Chernyshev, Alexander, 1 cr	30977	022 DST; Scott, Lorie E, 1 cr	
	<b>2443 Woodwind Techniques</b> (A-F only; prereq Music major or instr consent)	<b>2443 Woodwind Techniques</b> (A-F only; prereq Music major or instr consent)	30978	023 DST; Van Brunt, Laurie, 1 cr	
	30567	001 LAB, 08:00am-08:50am TTh, H 222; Scott, Lorie E; Bombardier, Bradley Andrew, 1 cr	31113	024 DST; Schoen, Theodore A, 1 cr	
	<b>2445 String Techniques</b> (A-F only; prereq Music major or instr consent)	<b>2445 String Techniques</b> (A-F only; prereq Music major or instr consent)	31789	025 DST; MOKOLE, Elias, 1 cr	
	28451	001 LEC, 1 cr	<b>3350 Half-Recital</b> (S-N Only)	31185	001 LEC; Bombardier, Bradley Andrew, 0 cr
			31437	002 LEC; Campbell, Jefferson T, 0 cr	
			31438	003 LEC; Chernyshev, Alexander, 0 cr	
			31439	004 LEC; , 0 cr	
			31440	005 LEC; Eaton, Daniel W, 0 cr	
			31441	006 LEC; Frane, Ryan J, 0 cr	
			31442	007 LEC; Husby, Betsy Margare, 0 cr	
			31443	008 LEC; Inselman, Rachel Laura, 0 cr	
			31444	009 LEC; Jonker, Jacob Peter, 0 cr	
			31445	010 LEC; Koshinski, Eugene J, 0 cr	
			31446	011 LEC; Kritzmire, Judith A, 0 cr	
			31447	012 LEC; Perrault, Rudy, 0 cr	
			31448	013 LEC; Pfothenhauer, Thomas R, 0 cr	
			31449	014 LEC; Pospisil, James A, 0 cr	
			31450	015 LEC; Rubin, Justin Henry, 0 cr	
			31451	016 LEC; Schauer, Joseph M, 0 cr	
			31452	017 LEC; Schoen, Theodore A, 0 cr	
			31453	018 LEC; Scott, Lorie E, 0 cr	
			31454	019 LEC; Thielen-Gaffey, Tina, 0 cr	
			31455	020 LEC; Van Brunt, Laurie, 0 cr	
			31456	021 LEC; Wegren, Thomas Joseph, 0 cr	
			31457	022 LEC; Whitlock, Mark Eugene, 0 cr	
			31458	023 LEC; Wold, Stanley R, 0 cr	
			31459	024 LEC; Zona, Regina M, 0 cr	
			31790	025 LEC; MOKOLE, Elias, 0 cr	



<b>3510 Opera Studio</b> (A-F only; prereq instr consent ; may be repeated)	31463 003 LEC; Recital to be arranged with applied instructor.; Chernyshev, Alexander, 1 cr	<b>4325 Jazz Piano-Major</b> (max crs 12; 6 repeats allowed; A-F; prereq Prereq-Music major, performance majors register for 3 cr; all others register for 2 cr.)
28503 001 LEC, 12:45pm-01:50pm MWF, WMH 206; Class meets in Chester Park B-13; Meets with: 29106 MU 5510; Zona, Regina M, 1 cr	31464 004 LEC; Recital to be arranged with applied instructor.; , 1 cr	28575 001 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Frane, Ryan J, 2 cr
<b>3600 Music in the Elementary Classroom</b> (A-F only; prereq Elementary/middle school teacher education candidate; credit will not be granted if already received for MU 1601 and 3601)	31465 005 LEC; Recital to be arranged with applied instructor.; Eaton, Daniel W, 1 cr	28807 002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson) Class meets in Humanities 224.; Frane, Ryan J, 3 cr
31624 001 LEC, 10:00am-10:50am MWF, H 170; Thielen-Gaffey, Tina, 3 cr	31466 006 LEC; Recital to be arranged with applied instructor.; Frane, Ryan J, 1 cr	<b>4331 Organ-Major</b> (max crs 12; 6 repeats allowed; A-F; prereq Prereq-Music major, performance majors register for 3 cr; all others register for 2 cr.)
31625 002 LEC, 11:00am-11:50am MWF, H 170; Thielen-Gaffey, Tina, 3 cr	31467 007 LEC; Recital to be arranged with applied instructor.; Husby, Betsy Margare, 1 cr	28578 001 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Rubin, Justin Henry, 2 cr
<b>3606 Field Experience: Classroom Music Pre K-8</b> (Credit will not be granted if credit has been received for: ELED 3425; A-F only; prereq 45 cr, music ed major, Concurrent registration is required (or allowed) in Mu 3608)	31468 008 LEC; Recital to be arranged with applied instructor.; Inselman, Rachel Laura, 1 cr	28808 002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Rubin, Justin Henry, 3 cr
29414 001 LAB; Kritzmire, Judith A, 1 cr	31469 009 LEC; Recital to be arranged with applied instructor.; Jonker, Jacob Peter, 1 cr	<b>4332 Organ-Non Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)
<b>3608 Teaching Elementary Music I</b> (A-F only; prereq 45 cr, music ed major or instr consent ; ? 3606; credit will not be granted if credit was received for 3605.)	31470 010 LEC; Recital to be arranged with applied instructor.; Koshinski, Eugene J, 1 cr	28580 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Rubin, Justin Henry, 1 cr
31184 001 LEC, 09:00am-09:50am TTh, H 170; Class meets in H 170.; Kritzmire, Judith A, 2 cr	31471 011 LEC; Recital to be arranged with applied instructor.; Kritzmire, Judith A, 1 cr	<b>4350 Violin - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major second instrument)
<b>3627 Art of Accompanying: Vocal Music</b> (A-F only; prereq instr consent)	31472 012 LEC; Recital to be arranged with applied instructor.; Perrault, Rudy, 1 cr	31659 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Perrault, Rudy; Anderson, A, 1 cr
30564 001 LEC, 2 cr	31473 013 LEC; Recital to be arranged with applied instructor.; Pfothenhauer, Thomas R, 1 cr	<b>4351 Violin - Major</b> (max crs 12; 6 repeats allowed; A-F; prereq Music major, performance majors register for 3 cr; all others register for 2 cr.; MU 300)
<b>3701 Choral Conducting and Methods I</b> (A-F only; prereq 2701 or instr consent)	31474 014 LEC; Recital to be arranged with applied instructor.; Pospisil, James A, 1 cr	28582 001 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Perrault, Rudy, 2 cr
28541 001 LEC, 11:00am-11:50am MWF, WMH 206; Wold, Stanley R, 3 cr	31475 015 LEC; Recital to be arranged with applied instructor.; Rubin, Justin Henry, 1 cr	28809 002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Perrault, Rudy, 3 cr
<b>3703 Choral Conducting</b> (A-F only; prereq 2701 or instr consent ; credit will not be granted if credit already received for MU 3701 or 3702)	31476 016 LEC; Recital to be arranged with applied instructor.; Schauer, Joseph M, 1 cr	<b>4352 Viola - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)
31191 001 LEC, 11:00am-11:50am MW, Room TBA; Class meets in WMH 206; Wold, Stanley R, 1 cr	31477 017 LEC; Recital to be arranged with applied instructor.; Schoen, Theodore A, 1 cr	28584 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Perrault, Rudy; Anderson, A, 1 cr
<b>3705 Instrumental Conducting I</b> (A-F only; prereq 2701 or instr consent)	31478 018 LEC; Recital to be arranged with applied instructor.; Scott, Lorie E, 1 cr	<b>4353 Viola - Major</b> (max crs 12; 6 repeats allowed; A-F only; prereq Music major, MU 300, performance majors register for 3 cr all others register for 2 cr)
28457 001 LEC, 10:00am-10:50am TTh, WMH 206, 1 cr	31479 019 LEC; Recital to be arranged with applied instructor.; Thielen-Gaffey, Tina, 1 cr	31670 001 STU; (1 hr arranged lesson); Perrault, Rudy, 2 cr
<b>3991 Independent Study</b> (max crs 6; 6 repeats allowed; A-F only; prereq instr consent)	31480 020 LEC; Recital to be arranged with applied instructor.; Van Brunt, Laurie, 1 cr	31671 002 STU; (1 hr arranged lesson); Perrault, Rudy, 3 cr
28486 001 IND; Campbell, Jefferson T, 1-3 cr	31481 021 LEC; Recital to be arranged with applied instructor.; Wegren, Thomas Joseph, 1 cr	<b>4354 Cello - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)
30985 002 IND; Chernyshev, Alexander, 1-3 cr	31482 022 LEC; Recital to be arranged with applied instructor.; Whitlock, Mark Eugene, 1 cr	31660 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Husby, Betsy Margare, 1 cr
30986 003 IND; , 1-3 cr	31483 023 LEC; Recital to be arranged with applied instructor.; Wold, Stanley R, 1 cr	<b>4355 Cello - Major</b> (max crs 12; 6 repeats allowed; A-F only; prereq Music major, MU 300, performance majors register for 3 cr all others register for 2 cr)
30987 004 IND; Eaton, Daniel W, 1-3 cr	31484 024 LEC; Recital to be arranged with applied instructor.; Zona, Regina M, 1 cr	31672 001 STU; (1 hr arranged lesson); Husby, Betsy Margare, 2 cr
30988 005 IND; Frane, Ryan J, 1-3 cr	31791 025 LEC; Recital to be arranged with applied instructor.; MOKOLE, Elias, 1 cr	31673 002 STU; (1 hr arranged lesson); Husby, Betsy Margare, 3 cr
30989 006 IND; Husby, Betsy Margare, 1-3 cr	<b>4311 Voice-Major</b> (max crs 12; 6 repeats allowed; A-F; prereq Prereq-Music major, performance majors register for 3 cr; all others register for 2 cr.)	<b>4356 Harp - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)
30990 007 IND; Inselman, Rachel Laura, 1-3 cr	28553 001 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Inselman, Rachel Laura; Wold, Stanley R; MOKOLE, Elias; Zona, Regina M; Thielen-Gaffey, Tina, 2 cr	31661 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Lemire, Janell Marie, 1 cr
30991 008 IND; Kritzmire, Judith A, 1-3 cr	28805 002 STU, 01:00pm-01:50pm ThS, Room TBA; (+ 1 hr arr lesson); Inselman, Rachel Laura; Wold, Stanley R; MOKOLE, Elias; Zona, Regina M; Thielen-Gaffey, Tina, 3 cr	<b>4357 Harp - Major</b> (max crs 12; 6 repeats allowed; prereq Music major, performance majors register for 3 cr; all others register for 2 cr., MU 300)
30992 009 IND; Koshinski, Eugene J, 1-3 cr	<b>4312 Voice-Non Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)	28586 001 STU; (1 hr arranged lesson); Lemire, Janell Marie, 2 cr
30993 010 IND; Perrault, Rudy, 1-3 cr	28554 001 STU; (student to arrange 1 hr weekly lesson in 231 Humanities); Inselman, Rachel Laura; Kulas, Kate F; MOKOLE, Elias; Thielen-Gaffey, Tina; Zona, Regina M; Wold, Stanley R, 1 cr	28810 002 STU; (1 hr arranged lesson); Lemire, Janell Marie, 3 cr
30994 011 IND; Pfothenhauer, Thomas R, 1-3 cr	<b>4321 Piano-Major</b> (max crs 12; 6 repeats allowed; A-F; prereq Prereq-Music major, performance majors register for 3 cr; all others register for 2 cr.)	
30995 012 IND; Rubin, Justin Henry, 1-3 cr	28557 001 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Lipke-Perry, Tracy Donna; Chernyshev, Alexander; Rubin, Justin Henry, 2 cr	
30996 013 IND; Thielen-Gaffey, Tina, 1-3 cr	28806 002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Lipke-Perry, Tracy Donna; Chernyshev, Alexander; Rubin, Justin Henry, 3 cr	
30997 014 IND; Wegren, Thomas Joseph, 1-3 cr	<b>4322 Piano-Non Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)	
30998 015 IND; Whitlock, Mark Eugene, 1-3 cr	28555 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Lipke-Perry, Tracy Donna; Rubin, Justin Henry; Chernyshev, Alexander, 1 cr	
30999 016 IND; Wold, Stanley R, 1-3 cr		
31000 017 IND; Zona, Regina M, 1-3 cr		
31001 018 IND; Scott, Lorie E, 1-3 cr		
31002 019 IND; Van Brunt, Laurie, 1-3 cr		
31114 020 IND; Schoen, Theodore A, 1-3 cr		
<b>4101 Instrumental Arranging</b> (A-F only; prereq Mu 2121, 2122 or instr consent)		
28537 001 LEC, 11:00am-11:50am MW, ChPk 208; Koshinski, Eugene J, 2 cr		
<b>4105 Composition III</b> (max crs 4; A-F only; prereq 3105)		
28536 001 LEC, 12:00pm-01:40pm F, BohH 343; (+ 1 hr arr); Meets with: 28534 MU 2105, 28535 MU 3105; Rubin, Justin Henry, 2 cr		
<b>4300 Senior Recital</b> (max crs 2; A-F only)		
31461 001 LEC; Recital to be arranged with applied instructor.; Bombardier, Bradley Andrew, 1 cr		
31462 002 LEC; Recital to be arranged with applied instructor.; Campbell, Jefferson T, 1 cr		

<b>4358 Bass - Non-major</b> (max crs 12; 12 repeats allowed; prereq Non-music major or music major secondary instrument)	<b>4368 Bassoon - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)	<b>4379 Euphonium - Major</b> (max crs 12; 6 repeats allowed; A-F only; prereq Music major, MU 300, performance majors register for 3 cr all others register for 2 cr)
28588 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Schauer, Joseph M, 1 cr	31665 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H231); Campbell, Jefferson T, 1 cr	31690 001 STU; (1 hr arranged lesson); Eaton, Daniel W, 2 cr
<b>4359 Bass - Major</b> (max crs 12; 6 repeats allowed; A-F only; prereq Music major, MU 300, performance majors register for 3 cr all others register for 2 cr)	<b>4369 Bassoon - Major</b> (max crs 12; 6 repeats allowed; A-F only; prereq Music major, MU 300, performance majors register for 3 cr all others register for 2 cr)	31691 002 STU; (1 hr arranged lesson); Eaton, Daniel W, 3 cr
31674 001 STU; (1 hr arranged lesson); Schauer, Joseph M, 2 cr	31682 001 STU; (1 hr arranged lesson); Campbell, Jefferson T, 2 cr	<b>4381 Percussion-Major</b> (max crs 12; 6 repeats allowed; A-F; prereq Prereq-Music major, performance majors register for 3 cr; all others register for 2 cr.)
31675 002 STU; (1 hr arranged lesson); Schauer, Joseph M, 3 cr	31683 002 STU; (1 hr arranged lesson); Campbell, Jefferson T, 3 cr	28599 001 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Koshinski, Eugene J, 2 cr
<b>4360 Clarinet - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)	<b>4370 Trumpet - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq non-music major or music major secondary instrument)	28813 002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Koshinski, Eugene J, 3 cr
31662 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Schimming, Paul David; Schoen, Theodore A, 1 cr	31666 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Pfothenauer, Thomas R, 1 cr	<b>4382 Percussion-Non Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)
<b>4361 Clarinet - Major</b> (max crs 12; 6 repeats allowed; A-F; prereq Music major, performance majors register for 3 cr; all others register for 2 cr., MU 300)	<b>4371 Trumpet - Major</b> (max crs 12; 6 repeats allowed; A-F; prereq Music major, MU 300, performance majors register for 3 cr; all others register for 2 cr.)	28600 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Koshinski, Eugene J, 1 cr
28590 001 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson)	28594 001 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Pfothenauer, Thomas R, 2 cr	<b>4391 Classical Guitar-Major</b> (max crs 12; 6 repeats allowed; A-F; prereq Prereq-Music major, performance majors register for 3 cr; all others register for 2 cr.)
Class meets in H 239; Schimming, Paul David; Schoen, Theodore A, 2 cr	28812 002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Pfothenauer, Thomas R, 3 cr	28606 001 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Jonker, Jacob Peter, 2 cr
28811 002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson)	<b>4372 Trombone - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)	28814 002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Jonker, Jacob Peter, 3 cr
Class meets in H 239; Schimming, Paul David; Schoen, Theodore A, 3 cr	28638 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities), 1 cr	<b>4392 Classical Guitar-Non Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)
<b>4362 Saxophone - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)	<b>4373 Trombone - Major</b> (max crs 12; 6 repeats allowed; A-F only; prereq Music major, MU 300, performance major register for 3 cr all others register for 2 cr)	28608 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Jonker, Jacob Peter, 1 cr
28592 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Schoen, Theodore A; Bombardier, Bradley Andrew, 1 cr	31684 001 STU; (1 hr arranged lesson); Whitlock, Mark Eugene, 2 cr	<b>4395 Jazz Guitar-Major</b> (max crs 12; 6 repeats allowed; A-F; prereq Prereq-Music major, performance majors register for 3 cr; all others register for 2 cr.)
<b>4363 Saxophone - Major</b> (max crs 12; 6 repeats allowed; A-F only; prereq Music major, MU 300, performance majors register for 3 cr all others register for 2 cr)	31685 002 STU; (1 hr arranged lesson); Whitlock, Mark Eugene, 3 cr	28610 001 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Schauer, Joseph M; Barnard, William Michael, 2 cr
31676 001 STU; (1 hr arranged lesson); Bombardier, Bradley Andrew; Schoen, Theodore A, 2 cr	<b>4374 French Horn - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq non-music major or music major secondary instrument)	28815 002 STU, 01:00pm-01:50pm Th, Room TBA; (+ 1 hr arr lesson); Schauer, Joseph M; Barnard, William Michael, 3 cr
31677 002 STU; (1 hr arranged lesson); Schoen, Theodore A, 3 cr	31667 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Pospisil, James A, 1 cr	<b>4396 Jazz Guitar-Non Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)
<b>4364 Flute - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)	<b>4375 French Horn - Major</b> (max crs 12; 6 repeats allowed; A-F only; prereq Music major, MU 300, performance majors register for 3 cr all others register for 2 cr)	28612 001 STU; (student to arrange 1/2 hr weekly lesson in 231 Humanities); Cooper, James M; O'Hara, Thomas; Schauer, Joseph M; Barnard, William Michael, 1 cr
31663 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Scott, Lorie E, 1 cr	31686 001 STU; (1 hr arranged lesson); Pospisil, James A, 2 cr	<b>4501 Concert Band</b> (max crs 6; 6 repeats allowed; A-F only; prereq Instructor determines placement)
<b>4365 Flute - Major</b> (max crs 12; 6 repeats allowed; A-F only; prereq Music major, MU 300, performance majors register for 3 cr all others register for 2 cr)	31687 002 STU; (1 hr arranged lesson); Pospisil, James A, 3 cr	28460 001 REH, 06:00pm-07:30pm MW, ChPk B13; Meets with: 28448 MU 1501; Whitlock, Mark Eugene; Eaton, Daniel W, 1 cr
31678 001 STU; (1 hr arranged lesson); Scott, Lorie E, 2 cr	<b>4376 Tuba - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)	<b>4502 Symphonic Wind Ensemble</b> (max crs 6; 6 repeats allowed; A-F only; prereq Instructor determines placement)
31679 002 STU; (1 hr arranged lesson); Scott, Lorie E, 3 cr	31668 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Eaton, Daniel W, 1 cr	28465 001 REH, 03:00pm-04:30pm MWF, ChPk B13; Meets with: 28449 MU 1502; Whitlock, Mark Eugene, 1 cr
<b>4366 Oboe - Non-major</b> (max crs 12; 12 repeats allowed; A-F only; prereq Non-music major or music major secondary instrument)	<b>4377 Tuba - Major</b> (max crs 12; 6 repeats allowed; A-F only; prereq Music major, MU 300, performance majors register for 3 cr all others register for 2 cr)	<b>4503 Symphony Orchestra</b> (max crs 6; 6 repeats allowed; A-F only; prereq Instructor determines placement)
31664 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Van Brunt, Laurie, 1 cr	31688 001 STU; (1 hr arranged lesson); Eaton, Daniel W, 2 cr	28466 001 REH, 07:00pm-09:30pm TTh, ChPk B13; Meets with: 28450 MU 1503; Perrault, Rudy, 1 cr
<b>4367 Oboe - Major</b> (max crs 12; 6 repeats allowed; A-F only; prereq Music major, MU 300, performance majors register for 3 cr all others register for 2 cr)	31689 002 STU; (1 hr arranged lesson); Eaton, Daniel W, 3 cr	<b>4504 Chamber Orchestra</b> (max crs 6; 6 repeats allowed; A-F only; prereq Instructor determines placement)
31680 001 STU; (1 hr arranged lesson); Van Brunt, Laurie, 2 cr	<b>4378 Euphonium - Non-Major</b> (max crs 12; 12 repeats allowed; A-F only; prereq non-music major or music major secondary instrument)	29101 001 REH, 05:00pm-06:30pm TTh, ChPk B13; Meets with: 29100 MU 1504; Perrault, Rudy, 1 cr
31681 002 STU; (1 hr arranged lesson); Van Brunt, Laurie, 3 cr	31669 001 STU; (1/2 hr weekly lesson must be arranged with instructor in H 231); Eaton, Daniel W, 1 cr	<b>4505 Jazz Ensemble</b> (max crs 6; 6 repeats allowed; A-F only; prereq Instructor determines placement)
		28504 001 REH, 01:20pm-02:10pm MWF, ChPk B13; Meets with: 28495 MU 1505; Frane, Ryan J, 1 cr

28505	002 REH, 12:15pm-01:15pm MWF, ChPk B13; Meets with: 28496 MU 1505; Pfothenhauer, Thomas R, 1 cr	31897	018 REH; (Combo V); Meets with: 31896 MU 1541; Schauer, Joseph M, 1 cr	5510	<b>Opera Studio</b> (max crs 6; 6 repeats allowed; A-F only; prereq 3510 or equivalent, Grad student or instr consent )
4510	<b>Concert Choral</b> (max crs 6; 6 repeats allowed; A-F only; prereq instructor determines placement)	4601	<b>Applied Music Teaching</b> (A-F only; prereq instr consent)	29106	001 LAB, 12:45pm-01:50pm MWF, WMH 206; Class meets in Chester Park B-13; Meets with: 28503 MU 3510; Zona, Regina M, 1 cr
28506	001 REH, 06:00pm-07:30pm MW, ChPk 209; Meets with: 28497 MU 1510; Thielen-Gaffey, Tina, 1 cr	28550	001 STU; Campbell, Jefferson T, 1 cr	5991	<b>Independent Study</b> (max crs 9; 9 repeats allowed; A-F only; prereq Min 60 cr or Grad Student or instr consent ; can apply max 6 cr to a Grad School program)
4511	<b>University Singers</b> (max crs 6; 6 repeats allowed; A-F only; prereq instructor determines placement)	31020	002 STU; Chernyshev, Alexander, 1 cr	28624	001 IND; Bombardier, Bradley Andrew, 1-3 cr
28499	001 REH, 03:20pm-04:30pm MTWTh, ChPk 209; NOTE: Class does NOT meet in MonH 70 on Monday, December 7, 2009.; Meets with: 28498 MU 1511; Wold, Stanley R, 1 cr	31021	003 STU; , 1 cr	30944	002 IND; Chernyshev, Alexander, 1-3 cr
4512	<b>Chamber Singers</b> (max crs 6; 6 repeats allowed; A-F only; prereq Concurrent registration is required (or allowed) in 1511 or 4511; instructor determines placement)	31022	004 STU; Eaton, Daniel W, 1 cr	30945	003 IND; , 1-3 cr
28507	001 REH, 02:00pm-03:15pm MW, ChPk 209; Meets with: 28500 MU 1512; Wold, Stanley R, 1 cr	31023	005 STU; Frane, Ryan J, 1 cr	30947	004 IND; Eaton, Daniel W, 1-3 cr
4513	<b>Vocal Jazz Ensemble</b> (max crs 6; 6 repeats allowed; A-F only; prereq instructor determines placement)	31024	006 STU; Husby, Betsy Margare, 1 cr	30948	005 IND; Frane, Ryan J, 1-3 cr
28508	001 REH, 05:00pm-06:00pm TWTh, ChPk 213; Class meets in Chester Park B-13; Meets with: 28501 MU 1513; Thielen-Gaffey, Tina, 1 cr	31025	007 STU; Inselman, Rachel Laura, 1 cr	30950	006 IND; Husby, Betsy Margare, 1-3 cr
29115	002 REH, 06:00pm-06:50pm TTh, ChPk 213; Meets with: 29114 MU 1513; Thielen-Gaffey, Tina, 1 cr	31026	008 STU; Koshinski, Eugene J, 1 cr	30952	007 IND; Inselman, Rachel Laura, 1-3 cr
4541	<b>Chamber Music</b> (max crs 12; 12 repeats allowed; A-F only; prereq instr consent)	31027	009 STU; Perrault, Rudy, 1 cr	30954	008 IND; Kritzmire, Judith A, 1-3 cr
28523	001 REH, 03:30pm-04:30pm TTh, ChPk B13; (Percussion Ensemble); Meets with: 28512 MU 1541; Koshinski, Eugene J, 1 cr	31028	010 STU; Pfothenhauer, Thomas R, 1 cr	30955	009 IND; Koshinski, Eugene J, 1-3 cr
28524	002 REH, 05:00pm-05:50pm MW, WMH 206; (Combo I); Meets with: 28513 MU 1541; Pfothenhauer, Thomas R, 1 cr	31029	011 STU; Rubin, Justin Henry, 1 cr	30956	010 IND; Perrault, Rudy, 1-3 cr
28525	003 REH, 06:00pm-06:50pm TTh, WMH 206; (Combo II); Meets with: 28514 MU 1541; Frane, Ryan J; Pfothenhauer, Thomas R, 1 cr	31030	012 STU; Thielen-Gaffey, Tina, 1 cr	30957	011 IND; Pfothenhauer, Thomas R, 1-3 cr
28526	004 REH, 06:00pm-06:50pm TTh, H 171; (Combo III); Meets with: 28515 MU 1541; Barnard, William Michael, 1 cr	31031	013 STU; Wegren, Thomas Joseph, 1 cr	30958	012 IND; Rubin, Justin Henry, 1-3 cr
28527	005 REH, 06:00pm-06:50pm MW, WMH 206; (Combo IV); Meets with: 28516 MU 1541; Koshinski, Eugene J, 1 cr	31032	014 STU; Whitlock, Mark Eugene, 1 cr	30959	013 IND; Thielen-Gaffey, Tina, 1-3 cr
28528	006 REH, 04:00pm-04:50pm F, MonH 80; (Pep Band); Meets with: 28517 MU 1541; Eaton, Daniel W, 1 cr	31033	015 STU; Wold, Stanley R, 1 cr	30979	014 IND; Wegren, Thomas Joseph, 1-3 cr
28529	007 REH, 04:00pm-04:50pm MW, WMH 206; (1-2 hr arr) (Guitar Ensemble); Meets with: 28518 MU 1541; Barnard, William Michael, 1 cr	31034	016 STU; Zona, Regina M, 1 cr	30980	015 IND; Whitlock, Mark Eugene, 1-3 cr
28530	008 REH; (1-2 hr arr H 243) (Strings); Meets with: 28519 MU 1541; Perrault, Rudy, 1 cr	31035	017 STU; Pospisil, James A, 1 cr	30981	016 IND; Wold, Stanley R, 1-3 cr
28531	009 REH, 07:00pm-07:50pm MW, WMH 206; (1-2 hr arr) (Brass Quintet) Class meets in MPAC 1.; Meets with: 28520 MU 1541; Pfothenhauer, Thomas R, 1 cr	31036	018 STU; Scott, Lorie E, 1 cr	30982	017 IND; Zona, Regina M, 1-3 cr
28532	010 REH; (1-2 hr arr) (Woodwinds); Meets with: 28521 MU 1541; Scott, Lorie E; Bombardier, Bradley Andrew; Campbell, Jefferson T, 1 cr	31037	019 STU; Van Brunt, Laurie, 1 cr	30983	018 IND; Scott, Lorie E, 1-3 cr
28533	011 REH; (1-2 hr arr) (Piano Trio); Meets with: 28522 MU 1541; Husby, Betsy Margare; Doty, Jeanne Alyce; Chernyshev, Alexander, 1 cr	31115	020 STU; Schoen, Theodore A, 1 cr	30984	019 IND; Van Brunt, Laurie, 1-3 cr
30341	012 REH, 04:45pm-06:30pm MWF, Room TBA; Marching Band; Meets with: 30340 MU 1541; Eaton, Daniel W, 1 cr	31188	021 STU; Pospisil, James A, 1 cr	31177	020 IND; Schoen, Theodore A, 1-3 cr
29292	013 REH, 03:00pm-03:50pm MW, WMH 206; Meets with: 29291 MU 1541; Barnard, William Michael, 1 cr	31792	022 STU; MOKOLE, Elias, 1 cr	31894	021 IND; Campbell, Jefferson T, 1-3 cr
30726	014 REH; Meets with: 30725 MU 1541; Jonker, Jacob Peter, 1 cr	4621	<b>Piano Pedagogy and Practicum I</b> (A-F only; prereq Music major or instr consent)	8101	<b>Graduate Music Theory</b> (A-F only; prereq Graduate student or instr consent)
30946	015 REH; Trumpet Ensemble; Meets with: 30943 MU 1541; Pfothenhauer, Thomas R, 1 cr	31758	001 LEC, 10:00am-10:50am TTh, Room TBA; , 2 cr	30934	001 LEC, 05:00pm-06:40pm M, H 222; Rubin, Justin Henry, 2 cr
30729	016 REH; (Sax Quartet); Meets with: 30728 MU 1541; Bombardier, Bradley Andrew, 1 cr	4801	<b>Evolution and Analysis of Jazz Styles</b> (A-F only; prereq Mu [2121, 2122])	8222	<b>Music Bibliography and Research</b> (A-F only; prereq Grad student or instr consent)
31124	017 REH; Meets with: 31123 MU 1541; Whitlock, Mark Eugene, 1 cr	30878	001 LEC, 2 cr	30879	001 LEC, 11:00am-12:15pm MW, H 150; Campbell, Jefferson T, 3 cr
		4803	<b>Jazz Pedagogy</b> (A-F only; prereq Mu [2121, 2122])	8300	<b>Graduate Recital</b> (max crs 2; A-F only; prereq Grad student, instructor consent)
		33238	001 LEC, 10:00am-10:50am MWF, WMH 206; Frane, Ryan J, 2 cr	28690	001 PRC; Kritzmire, Judith A; Inselman, Rachel Laura; Pfothenhauer, Thomas R; Whitlock, Mark Eugene; Zona, Regina M, 1 cr
		4997	<b>Internship in Music</b> (max crs 4; 4 repeats allowed; A-F only; prereq dept consent)	31003	002 PRC; Chernyshev, Alexander, 1 cr
		28625	001 DST; Campbell, Jefferson T, 1-2 cr	31004	003 PRC; , 1 cr
		31038	002 DST; Chernyshev, Alexander, 1-2 cr	31005	004 PRC; Eaton, Daniel W, 1 cr
		31039	003 DST; Doty, Jeanne Alyce, 1-2 cr	31006	005 PRC; Frane, Ryan J, 1 cr
		31040	004 DST; Eaton, Daniel W, 1-2 cr	31007	006 PRC; Husby, Betsy Margare, 1 cr
		31041	005 DST; Frane, Ryan J, 1-2 cr	31008	007 PRC; Inselman, Rachel Laura, 1 cr
		31042	006 DST; Husby, Betsy Margare, 1-2 cr	31009	008 PRC; Kritzmire, Judith A, 1 cr
		31043	007 DST; Inselman, Rachel Laura, 1-2 cr	31010	009 PRC; Koshinski, Eugene J, 1 cr
		31044	008 DST; Koshinski, Eugene J, 1-2 cr	31011	010 PRC; Perrault, Rudy, 1 cr
		31045	009 DST; Perrault, Rudy, 1-2 cr	31012	011 PRC; Pfothenhauer, Thomas R, 1 cr
		31046	010 DST; Pfothenhauer, Thomas R, 1-2 cr	31013	012 PRC; Rubin, Justin Henry, 1 cr
		31047	011 DST; Rubin, Justin Henry, 1-2 cr	31014	013 PRC; Scott, Lorie E, 1 cr
		31048	012 DST; Thielen-Gaffey, Tina, 1-2 cr	31015	014 PRC; Thielen-Gaffey, Tina, 1 cr
		31049	013 DST; Wegren, Thomas Joseph, 1-2 cr	31016	015 PRC; Wegren, Thomas Joseph, 1 cr
		31050	014 DST; Whitlock, Mark Eugene, 1-2 cr	31017	016 PRC; Whitlock, Mark Eugene, 1 cr
		31051	015 DST; Wold, Stanley R, 1-2 cr	31018	017 PRC; Wold, Stanley R, 1 cr
		31052	016 DST; Zona, Regina M, 1-2 cr	31019	018 PRC; Zona, Regina M, 1 cr
		31053	017 DST; Schauer, Joseph M, 1-2 cr	31118	019 PRC; Schoen, Theodore A, 1 cr
		31054	018 DST; Scott, Lorie E, 1-2 cr	8301	<b>Graduate Applied Music: Major Instrument</b> (max crs 10; 5 repeats allowed; A-F only; prereq Advanced proficiency, grad student, instr consent)
		31055	019 DST; Van Brunt, Laurie, 1-2 cr	28617	001 STU; Campbell, Jefferson T, 2 cr
		31116	020 DST; Schoen, Theodore A, 1-2 cr	29859	002 STU; Chernyshev, Alexander, 2 cr
		5203	<b>Advanced Choral Literature</b> (A-F only; prereq 3702 or instr consent)	31072	003 STU; , 2 cr
		29177	001 LEC; Wold, Stanley R, 3 cr	31073	004 STU; Eaton, Daniel W, 2 cr
		5204	<b>Instrumental Ensemble Literature</b> (A-F only; prereq Grad Student or instr consent)	31074	005 STU; Frane, Ryan J, 2 cr
		29287	001 LEC; Whitlock, Mark Eugene, 2 cr	31075	006 STU; Husby, Betsy Margare, 2 cr
		5205	<b>Instrumental Solo Literature</b> (max crs 3; 3 repeats allowed; A-F only; prereq Grad student or instr consent )	31076	007 STU; Inselman, Rachel Laura, 2 cr
		29288	001 LEC; Campbell, Jefferson T, 1 cr	31077	008 STU; Kritzmire, Judith A, 2 cr
		31492	002 LEC; Chernyshev, Alexander, 1 cr	31078	009 STU; Koshinski, Eugene J, 2 cr
		31493	003 LEC; Schoen, Theodore A, 1 cr	31079	010 STU; Perrault, Rudy, 2 cr
		31494	004 LEC; Scott, Lorie E, 1 cr	31080	011 STU; Pfothenhauer, Thomas R, 2 cr
		31495	005 LEC; Whitlock, Mark Eugene, 1 cr	31081	012 STU; Rubin, Justin Henry, 2 cr
		5206	<b>Vocal Solo Literature</b> (A-F only; prereq Grad student or instr consent)	31082	013 STU; Scott, Lorie E, 2 cr
		29240	001 LEC, 09:00am-09:50am MW, H 222; Meets with: 31773 MU 3212; Inselman, Rachel Laura, 1 cr	31083	014 STU; Thielen-Gaffey, Tina, 2 cr
		31496	002 LEC; Thielen-Gaffey, Tina, 1 cr	31084	015 STU; Wegren, Thomas Joseph, 2 cr
		31497	003 LEC; Wold, Stanley R, 1 cr	31085	016 STU; Whitlock, Mark Eugene, 2 cr
		31498	004 LEC; Zona, Regina M, 1 cr	31086	017 STU; Wold, Stanley R, 2 cr
		5208	<b>Vocal Chamber Literature</b> (A-F only; prereq Grad student or instr consent)	31087	018 STU; Zona, Regina M, 2 cr
		30935	001 LEC, 12:00pm-12:50pm Th, H 222; Thielen-Gaffey, Tina, 1 cr	31119	019 STU; Schoen, Theodore A, 2 cr
				31186	020 STU, 2 cr



- 8302 Graduate Applied Music: Secondary Instrument**  
(A-F only; prereq Intermediate proficiency, grad student, instructor consent; may be repeated)
- 28616 001 STU; Campbell, Jefferson T, 1 cr  
31088 002 STU; Chernyshev, Alexander, 1 cr  
31089 003 STU; , 1 cr  
31090 004 STU; Eaton, Daniel W, 1 cr  
31091 005 STU; Frane, Ryan J, 1 cr  
31092 006 STU; Husby, Betsy Margare, 1 cr  
31093 007 STU; Inselman, Rachel Laura, 1 cr  
31094 008 STU; Kritzmire, Judith A, 1 cr  
31095 009 STU; Koshinski, Eugene J, 1 cr  
31096 010 STU; Perrault, Rudy, 1 cr  
31097 011 STU; Pfothenauer, Thomas R, 1 cr  
31098 012 STU; Rubin, Justin Henry, 1 cr  
31099 013 STU; Scott, Lorie E, 1 cr  
31100 014 STU; Thielen-Gaffey, Tina, 1 cr  
31101 015 STU; Wegren, Thomas Joseph, 1 cr  
31102 016 STU; Whitlock, Mark Eugene, 1 cr  
31103 017 STU; Wold, Stanley R, 1 cr  
31104 018 STU; Zona, Regina M, 1 cr  
31120 019 STU; Schoen, Theodore A, 1 cr  
31187 020 STU, 1 cr

- 8701 Graduate Applied Conducting**  
(max crs 12; 12 repeats allowed; A-F only; prereq 3702, 3706 or equivalent; Graduate Student or instr consent)
- 29215 001 STU; Whitlock, Mark Eugene, 1-2 cr  
31183 002 STU; Wold, Stanley R, 1-2 cr  
31886 003 STU; Perrault, Rudy, 1-2 cr

- 8899 Directed Project in Music Education**  
(max crs 12; A-F only; prereq Grad, instr consent)
- 29611 001 DRS; Kritzmire, Judith A, 1-12 cr  
31890 002 DRS; Kritzmire, Judith A, 1-12 cr

- 8991 Independent Study**  
(max crs 6; 6 repeats allowed; A-F only; prereq Grad student, instr consent)
- 28615 001 IND; Chernyshev, Alexander, 1-2 cr  
31056 002 IND; Campbell, Jefferson T, 1-2 cr  
31057 003 IND; , 1-2 cr  
31058 004 IND; Eaton, Daniel W, 1-2 cr  
31059 005 IND; Frane, Ryan J, 1-2 cr  
31060 006 IND; Husby, Betsy Margare, 1-2 cr  
31061 007 IND; Inselman, Rachel Laura, 1-2 cr  
31062 008 IND; Kritzmire, Judith A, 1-2 cr  
31063 009 IND; Koshinski, Eugene J, 1-2 cr  
31064 010 IND; Perrault, Rudy, 1-2 cr  
31065 011 IND; Pfothenauer, Thomas R, 1-2 cr  
31066 012 IND; Rubin, Justin Henry, 1-2 cr  
31067 013 IND; Thielen-Gaffey, Tina, 1-2 cr  
31068 014 IND; Wegren, Thomas Joseph, 1-2 cr  
31069 015 IND; Whitlock, Mark Eugene, 1-2 cr  
31070 016 IND; Wold, Stanley R, 1-2 cr  
31071 017 IND; Zona, Regina M, 1-2 cr  
31121 018 IND; Schoen, Theodore A, 1-2 cr

## OJIBWE EDUCATION (OjEd) College of Education & Human Service Professions

- 3100 Advanced Ojibwe Grammar and Narrative**  
(A-F; prereq [Concurrent registration is required (or allowed) in 3101, 3102, 3103, 3104], admission to Ojibwe elem/middle school program, two years college-level Ojibwe or AMIN 2204 or instr consent)
- 33165 001 LEC, 02:00pm-03:50pm TTh, Room TBA, DULUTH; , 4 cr
- 5330 Working with American Indian Families and Community**  
(Credit will not be granted if credit has been received for: OJED 4330; A-F only; prereq Naadamaadwin Tribal Special Education cohort (special education licensure), (4310 or 5310))
- 33224 @421 LEC, instruction mode: Distance Education Other, 4 cr
- 5360 Indigenous Methods of Instruction: Practical Application**  
(A-F only; prereq Naadamaadwin Tribal Special Education cohort (special education licensure), 4310 or 5310)
- 33225 @421 LEC, instruction mode: Distance Education Other, 4 cr

## PHARMACOLOGY (Phcl) Duluth School of Medicine

- 4094 Directed Research in Pharmacology I**  
(max crs 10; A-F only; prereq Upper div sci major, instr consent)
- 28663 001 DRS; Regal, Jean Frances; Eisenberg, Richard M; Fitzakerley, Janet Lyn; Trachte, George J, 1-10 cr
- 5204 Pharmacology Seminar**  
(max crs 4; 4 repeats allowed; A-F only; prereq Grad student, instr consent)
- 28664 001 SEM; Regal, Jean Frances; Eisenberg, Richard M; Fitzakerley, Janet Lyn; Trachte, George J, 1 cr
- 8333 FTE: Master's**  
(NGA; prereq Masters student, adviser and DGS consent)
- 29070 001 DRS; Eisenberg, Richard M, 1 cr
- 8444 FTE: Doctoral**  
(NGA; prereq Doctoral student, adviser and DGS consent)
- 28957 001 DRS, 1 cr
- 8666 Doctoral Pre-Thesis Credits**  
(max crs 12; NGA; prereq Max 6 cr per semester or summer; doctoral student who has not passed prelim oral; no required consent for the first two registrations up to 12 cr; departmental consent for the third and fourth registrations up to an additional 12 cr, or 24 cr total (for doctoral students admitted summer 2007 and beyond; doctoral students admitted prior to summer 2007 may register up to 4 times totaling 60 cr))
- 28965 001 THE; Eisenberg, Richard M, 1-6 cr
- 8777 Thesis Credits: Master's**  
(max crs 50; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 10 cr total required (Plan A only))
- 28984 001 THE; Eisenberg, Richard M, 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)
- 28994 001 THE; Eisenberg, Richard M, 1-24 cr

## PHARMACY (Phar) College of Pharmacy, Duluth

- 1001 Orientation to Pharmacy**  
31573 001 INI; Bastianelli, Karen Marie; Pittenger, Amy Louise, 2 cr
- 1003 Non-Prescription Medications and Self-Care: Treating Minor Conditions**  
31574 001 INI; Bastianelli, Karen Marie; Pittenger, Amy Louise, 2 cr
- 1004 Common Prescription Drugs and Diseases**  
31575 001 INI; Bastianelli, Karen Marie; Pittenger, Amy Louise, 2 cr
- 3700 Fundamentals of Pharmacotherapy**  
(Credit will not be granted if credit has been received for: PHAR 5700; A-F; prereq Medical terminology)
- 31576 001 INI; Bastianelli, Karen Marie; Pittenger, Amy Louise, 3 cr
- 4200 Drugs and the U.S. Health Care System**  
(Credit will not be granted if credit has been received for: PHAR 3200, PHAR 5200; A-F)
- 30904 001 INI; Bastianelli, Karen Marie; Pittenger, Amy Louise, 3 cr
- 4293 Directed Research I - Undergraduate**  
(max crs 5; A-F; prereq undergrad, instr consent)
- 31860 001 DRS, 1-5 cr
- 4294 Directed Study I for Undergraduates**  
(max crs 6; A-F; prereq instr consent)
- 31861 001 DST, 1-6 cr
- 5101 Pharmacology for Pharmacy Students**  
(A-F; prereq Regis 2nd yr pharmacy student or instr consent , credit will not be granted if already received for Phcl 5101)
- 29621 001 LEC, 09:05am-09:55am MWF, LSci 163, 03:35pm-05:30pm T, LSci 163; Dunham, Earl W., 3 cr
- 5200 Drugs and the United States Health Care System**  
(Credit will not be granted if credit has been received for: PHAR 3200, PHAR 4200; A-F; prereq instr consent)
- 31577 001 INI; Bastianelli, Karen Marie; Pittenger, Amy Louise, 3 cr
- 5201 Health Sciences Applied Terminology**  
(prereq Basic knowledge of human anatomy/physiology.)
- 29623 001 IND; Bastianelli, Karen Marie; Pittenger, Amy Louise, 2 cr
- 5270 Therapeutics of Herbal and Other Natural Medicinals**  
(A-F; prereq Phsl 6051, organic chemistry, pathophysiology of disease states, 3rd or 4th yr pharmacy student)
- 31959 001 LEC, 03:35pm-05:30pm W, LSci 160; Kingston, Richard L, 2 cr
- 5700 Applied Fundamentals of Pharmacotherapy**  
(Credit will not be granted if credit has been received for: PHAR 3700; A-F; prereq Medical Terminology and admission to a graduate program or instr consent)
- 30346 001 INI; Pittenger, Amy Louise; Bastianelli, Karen Marie, 3 cr
- 6061 Systems Physiology for Pharmacy**  
(A-F; prereq [Biochemistry, human anatomy] recommended; First-year pharmacy student)
- 29432 001 LEC, 01:25pm-02:15pm MTWThF, LSci 165; Lichtblau PhD, Leonard; Bauer, Bjoern, 5 cr
- 6111 The Practice of Pharmaceutical Care I**  
(A-F; prereq First yr pharmacy student, Concurrent registration is required (or allowed) in 6171)
- 29428 001 LEC, 02:30pm-03:45pm W, LSci 165, 03:35pm-04:50pm Th, Room TBA; Stratton, Tim, 3 cr
- 6121 Pharmacotherapy I: Patient-Centered Pathophysiologic Approach**  
(A-F; prereq 6111, 6112, Concurrent registration is required (or allowed) in 5101, 6163, 6154 and 6173)
- 29614 001 LEC, 10:10am-12:05pm MW, LSci 163, 10:10am-11:00am F, Room TBA; Undeberg PharmD, Megan R; Jacobson, Pamala Ann, 5 cr
- 6123 Pharmacotherapy III: Patient-Centered Pathophysiologic Approach**  
(A-F; prereq 5101, 5102, 6112, 6153, 6163, Concurrent registration is required (or allowed) in 6175)
- 29705 001 LEC, 01:25pm-03:20pm MW, LSci 163, 01:25pm-02:15pm F, Room TBA; Swanoski PharmD, Michael T; Kotlyar, Michael, 5 cr
- 6132 Biostatistics and Drug Literature Evaluation**  
(A-F; prereq 6111, Concurrent registration is required (or allowed) in 6173)
- 29615 001 LEC, 10:10am-12:05pm T, LSci 163; Worley, Marcia Marie; Reidt, Shannon Lee, 2 cr
- 6141 Medical Microbiology and Immunizations**  
(A-F)
- 29429 001 LEC, 02:30pm-03:20pm TTh, LSci 165; Rummel, Rory P; Anderson, Grant Wesley, 1 cr
- 6150 Honors: Medicinal Chemistry Seminar**  
(max crs 2; A-F only; prereq 6150; meets HON req of Honors)
- 30670 001 SEM, 03:30pm-05:00pm T, LSci 160; Abul-Hajj, Yusuf J, 1 cr
- 6151 Biochemistry of Medicinals I**  
(A-F)
- 29430 001 LEC, 11:15am-12:05pm MWF, LSci 165; Rumbley, Jon N; Ferguson, David M, 3 cr
- 6154 Medicinal Agents I**  
(A-F; prereq 6152, Concurrent registration is required (or allowed) in 5101)
- 29616 001 LEC, 08:00am-08:50am MWF, LSci 163; Mereddy, Venkatram R; Fecik, Robert A, 3 cr

<b>6156 Medicinal Agents III</b> (A-F; prereq 6152, 6153, 6154)	<b>6227 Leading Change Project</b> (S-N; prereq 6237)	<b>7001 Early Pharmacy Practice Experience I</b> (A-F; prereq Criminal bkgr chk, BLS CPR cert for infants/child/adults, [proof of negative Mantoux test or explanation of positive test], proof of chickenpox immunity)
29706 001 LEC, 09:05am-09:55am MTFW, LSci 165; Mereddy, Venkatram R; Rimmel, Rory P, 4 cr	30432 001 IND; Janke PhD, Kristin Kari; Sorensen, Todd D., 2 cr	29682 001 PRC, 02:30pm-03:20pm F, Room TBA; (Meets with Phar 7003 sec 1); Taylor, Charles T; Little, Meg, 1 cr
<b>6160 Honors: Experimental and Clinical Pharmacology Seminar</b> (A-F; prereq instr consent; meets HON req of Honors)	<b>6228 Leading Change Portfolio</b> (S-N; prereq 6237)	<b>7003 Early Pharmacy Practice Experience III</b> (A-F; prereq 7002 or instr consent, criminal bkgr chk, BLS CPR cert for infants/child/adults, [proof of negative Mantoux test or explanation of positive test], proof of chickenpox immunity)
30937 001 SEM, 12:20pm-01:10pm W, LSci 160; Johnson PhD, L'Aurelle Anna Lee, 1 cr	30433 001 IND; Janke PhD, Kristin Kari; Sorensen, Todd D., 2 cr	29681 001 PRC, 11:15am-12:05pm Th, Room TBA; Meets with Phar 7001 sec 1 in LSci 165; Taylor, Charles T; Little, Meg, 0.50 cr
<b>6161 Drug Delivery I</b> (A-F; prereq Concurrent registration is required (or allowed) in 6171)	<b>6233 Drug Use Review and Management</b> (A-F; prereq 3rd yr pharmacy student, instr consent)	<b>7010 APPE Continuing Professional Development Portfolio</b> (max crs 1.50; 3 repeats allowed; S-N; prereq 4th year Pharmacist student)
29431 001 LEC, 10:10am-11:00am MWF, LSci 165; Heikal, Ahmed A; Zimmerman, Cheryl L, 3 cr	29804 001 LEC, 03:35pm-05:30pm M, HH 302; Carlson PhD, Angeline M, 2 cr	31756 001 IND; Janke PhD, Kristin Kari, 0.50 cr
<b>6163 Pharmacokinetics</b> (A-F; prereq Calculus I or equiv, 6162)	<b>6236 Clinical and Pharmacy Management in Modern U.S. Health-Care and Regulatory Landscape</b> (A-F)	<b>7120 Community Practice Experience</b> (A-F; prereq Pharm. D. IV, MN Board of Pharm intern, criminal background check, BLS CPR cert for infants/child/adults, proof of negative Mantoux test [or explanation of positive test], proof of chickenpox immunity)
29617 001 LEC, 01:25pm-02:15pm T, LSci 163, 01:25pm-03:20pm Th, LSci 163, 11:15am-12:05pm F, LSci 163; Sheets, Erin D; Elmquist, William Frederick, 3 cr	30097 001 LEC, 08:00am-09:55am Th, HH302; Shim, Andrew, 2 cr	29920 001 IEX, 4 cr
<b>6164 Biopharmaceutics</b> (A-F; prereq 6163, Concurrent registration is required (or allowed) in 6175)	<b>6237 Leading Change in Pharmacy</b> (max crs 8; S-N)	<b>7122 Acute Patient Care Practice Experience I</b> (A-F; prereq Pharm. D. I-III, MN Board of Pharm intern, criminal background check, BLS CPR cert for infants/child/adults, proof of negative Mantoux test [or explanation of positive test], proof of chickenpox immunity)
29707 001 LEC, 10:10am-12:05pm TTh, LSci 165; Heikal, Ahmed A; Fairbanks, Carolyn Ann, 3 cr	30375 001 LEC, 08:00am-09:55am Th, LSci 160; Janke PhD, Kristin Kari; Sorensen, Todd D., 2-8 cr	29921 001 IEX, 4 cr
<b>6171 Pharmaceutical Care Skills</b> (A-F; prereq Concurrent registration is required (or allowed) in 6151, 6111, 6161)	<b>6249 Addiction Medicine, Substance Abuse, and Chemical Dependency</b> (A-F only)	<b>7123 Ambulatory Patient Care Practice Experience</b> (A-F; prereq Pharm. D. IV, MN Board of Pharm intern, criminal background check, BLS CPR cert for infants/child/adults, proof of negative Mantoux test [or explanation of positive test], proof of chickenpox immunity)
001 LEC, 02:30pm-03:20pm M, LSci 165; Bastianelli, Karen Marie	30626 001 LEC, 03:35pm-05:30pm W, LSci 163; Berkner PharmD, Dan; Sioris, Leo James, 2 cr	29922 001 IEX, 4 cr
29434 002 LAB, 08:00am-09:55am T, LSci 216; Bastianelli, Karen Marie, 2 cr	<b>6250 Honors: Social and Administrative Pharmacy Seminar</b> (A-F; prereq instr consent; meets HON req of Honors)	<b>7126 Patient Care Practice Experience</b> (A-F; prereq Pharm. D. I-III, MN Board of Pharm intern, criminal background check, BLS CPR cert for infants/child/adults, proof of negative Mantoux test [or explanation of positive test], proof of chickenpox immunity)
29435 003 LAB, 08:00am-09:55am Th, LSci 216; Bastianelli, Karen Marie, 2 cr	29814 001 SEM, 03:30pm-05:00pm Th, LSci 160; Schommer, Jon C, 1 cr	29923 001 IEX, 4 cr
<b>6173 Pharmaceutical Care Skills</b> (A-F; prereq Concurrent registration is required (or allowed) in 6121, 6132)	<b>6255 Medicating the Soul: Advanced Issues in Psychopharmacology</b> (A-F; prereq 6155)	<b>7128 Acute Patient Care Practice Experience II</b> (A-F; prereq Pharm. D. I-III, MN Board of Pharm intern, criminal background check, BLS CPR cert for infants/child/adults, proof of negative Mantoux test [or explanation of positive test], proof of chickenpox immunity)
001 LEC, 10:10am-11:00am Th, LSci 163; George, Angela	30029 001 LEC, 10:10am-12:05pm W, LSci 160; Einat, Haim, 2 cr	29924 001 IEX, 4 cr
29619 002 LAB, 03:35pm-05:30pm M, LSci 216; George, Angela, 2 cr	<b>6257 Leadership Best Sellers Pharmacy</b> (A-F)	<b>7211 Elective Practice Experience I</b> (A-F; prereq Pharm. D. I-III, MN Board of Pharm intern, criminal background check, BLS CPR cert for infants/child/adults, proof of negative Mantoux test [or explanation of positive test], proof of chickenpox immunity)
29620 003 LAB, 03:35pm-05:30pm W, LSci 216; George, Angela, 2 cr	31779 001 DST; Sorensen, Todd D.; Janke PhD, Kristin Kari, 2 cr	29925 001 IEX, 4 cr
<b>6175 Pharmaceutical Care Skills V</b> (A-F; prereq Concurrent registration is required (or allowed) in 6123 and 6164 and 6171 and 6172 and 6173 and 6174 or instr consent)	<b>6260 Honors: Pharmaceutics Seminar</b> (A-F only; prereq instr consent; meets HON req of Honors)	<b>7212 Elective Practice Experience II</b> (A-F; prereq Pharm. D. I-III, MN Board of Pharm intern, criminal background check, BLS CPR cert for infants/child/adults, proof of negative Mantoux test [or explanation of positive test], proof of chickenpox immunity)
001 LEC, 08:00am-08:50am W, LSci 165	30671 001 SEM, 04:00pm-05:15pm Th, HH 302; Sun, Calvin, 1 cr	29926 001 IEX, 4 cr
29698 002 LAB, 01:25pm-03:20pm Th, LSci 216; George, Angela, 2 cr	<b>6270 Honors: Critical Care Seminar</b> (A-F; prereq instr consent; meets HON req of Honors)	<b>7213 Elective Practice Experience III</b> (A-F; prereq Pharm. D. I-III, MN Board of Pharm intern, criminal background check, BLS CPR cert for infants/child/adults, proof of negative Mantoux test [or explanation of positive test], proof of chickenpox immunity)
29699 003 LAB, 03:35pm-05:30pm Th, LSci 216; George, Angela, 2 cr	29987 001 SEM, 01:25pm-03:20pm T, LSci 160; Sisson, Debbie; Skaar, Debra Jane, 2 cr	29927 001 IEX, 4 cr
<b>6181 Pharm.D. Paper &amp; Seminar</b> (A-F only; prereq Third year pharmacy student)	<b>6293 Directed Research I</b> (max crs 5; prereq instr consent)	
29700 001 LEC, 08:00am-08:50am T, LSci 165; Scott PharmD, Doneka R; Ranelli PhD, Paul L, 1 cr	29701 001 DRS, 1-5 cr	
<b>6183 Pharm.D. IV Paper</b> (S-N; prereq 4th yr pharmacy student, 6181)	31867 002 DRS; Sheets, Erin D, 1-5 cr	
29875 001 LEC; Hadsall, Ronald S; Uden, Donald Lawrence; Ranelli PhD, Paul L, 2 cr	<b>6294 Directed Study I</b> (max crs 5; 5 repeats allowed; prereq instr consent)	
<b>6200 Drugs and the United States Health Care System</b> (A-F; prereq Pharmacy student)	29678 001 DST, 1-5 cr	
30905 001 INI; Bastianelli, Karen Marie; Pittenger, Amy Louise, 2 cr	<b>6393 Directed Research II</b> (max crs 5; prereq instr consent)	
<b>6204 College of Pharmacy Community Outreach</b> (max crs 3; A-F; prereq Current student pharmacist in College of Pharmacy.)	29702 001 DRS, 1-5 cr	
31800 001 IND; Stratton, Tim, 1-3 cr	<b>6394 Directed Study II</b> (max crs 5; 5 repeats allowed; prereq instr consent)	
<b>6208 Community-based Immunization Delivery</b> (S-N)	29703 001 DST, 1-5 cr	
30374 001 LEC, 08:00am-08:50am M, LSci 165; Naglosky, Keri Daun Hager, 1 cr	29869 002 DST; Sisson, Debbie, 1-5 cr	
<b>6212 Dermatology</b> (A-F; prereq 2nd or 3rd yr pharmacy student)	<b>6493 Directed Research III</b> (max crs 5; 5 repeats allowed; prereq instr consent)	
29679 001 LEC, 03:35pm-04:25pm M, LSci 160, instruction mode: Distance Education and On-Site; Larson, Tom Alan, 1 cr	29871 001 DRS, 1-5 cr	
	<b>6494 Directed Study III</b> (max crs 5; prereq instr consent)	
	29704 001 DST, 1-5 cr	
	<b>6501 Ethics in Pharmacy Practice</b> (A-F; prereq PharmD III Student)	
	29801 001 CST, 10:10am-12:05pm M, LSci 160; Stratton, Tim, 2 cr	

**PHILOSOPHY (Phil)****College of Liberal Arts**

- 1001 Introduction to Philosophy**  
(Credit will not be granted if credit has been received for: PHIL 1101; A-F only; meets LE req of LE CAT7)
- 27992 001 LEC, 03:30pm-04:45pm TTh, SBE 50; Ford, Jason, 3 cr
- 27993 002 LEC, 02:00pm-03:15pm TTh, VKH 221; Ford, Jason, 3 cr
- 32260 003 LEC, 08:00am-08:50am MWF, ABAH 225; , 3 cr
- 32261 004 LEC, 10:00am-10:50am MWF, ABAH 245; , 3 cr
- 34241 350 LEC; (Online Instruction. Students must register by 9/6/11 and complete all requirements by 12/16/11. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. Open CE reserved seats will be available to UMD students on August 30, 2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Browning PhD, Eve A, 3 cr
- 1003 Ethics and Society**  
(A-F only; prereq credit will not be granted if already received for CLA 1101; meets LEIP req of LEIP CAT08)
- 27994 001 LEC, 12:00pm-12:50pm MWF, MonH 80; McPherson, Tristram, 3 cr
- 1008 Critical Thinking**  
(A-F only; meets LE req of LE CAT2)
- 31539 001 LEC, 09:00am-10:50am TTh, ABAH 235; Ford, Jason, 4 cr
- 1018 Logic**  
(Credit will not be granted if credit has been received for: PHIL 1118; A-F only; meets LE req of LE CAT2)
- 28252 001 LEC, 03:00pm-04:50pm MW, Engr 290; Cole, David J, 4 cr
- 29914 090 LEC, 05:00pm-06:50pm TTh, ABAH 225; (Open CE Reserve seats will be available to UMD students 08/30/11.); 8 seats reserved for Continuing Education; Peterson, Nancy J, 4 cr
- 1021 Classical Mythology**  
(A-F only; meets LE req of LE CAT9)
- 29218 001 LEC, 08:00am-08:50am MWF, MonH 70; Browning PhD, Eve A, 3 cr
- 3242 Values and Technology**  
(A-F only; prereq 60 cr or instr consent; meets LE req of LE CAT8)
- 30323 001 LEC, 12:00pm-12:50pm MWF, ABAH 225; , 3 cr
- 3301 Greek Philosophy**  
(A-F only; prereq 30 cr or instr consent)
- 29729 001 LEC, 03:00pm-04:50pm TTh, LSci 185; Walsh, Sean P, 4 cr
- 3325 Environmental Ethics**  
(A-F only; prereq 30 cr or instr consent)
- 34181 001 LEC, 03:00pm-04:50pm MW, Chem 251; McPherson, Tristram, 4 cr
- 3570 Philosophy of Psychology**  
(A-F only; prereq 1001 or Psy 1003, 60 cr or instr consent)
- 32264 001 LEC, 11:00am-12:50pm MW, ABAH 245; Cole, David J, 4 cr
- 3900 Colloquium for Majors**  
(S-N only; prereq Phil major/minor, dept consent ; attendance at 12 dept-approved lectures/discussions over 4-yr period; regis only during semester of 10th lect)
- 28571 001 COL, 1 cr
- 4900 Seminar in Philosophy**  
(max crs 12; 3 repeats allowed; A-F only; prereq 12 cr Phil or instr consent; no Grad School credit)
- 29593 001 LEC, 12:00pm-01:50pm TTh, ABAH 225; Browning PhD, Eve A, 4 cr

- 5991 Independent Study**  
(max crs 10; 10 repeats allowed; A-F only; prereq instr consent , cannot be used to satisfy requirements for phil major or minor)
- 28708 001 IND; Cole, David J; Browning PhD, Eve A; McPherson, Tristram; Walsh, Sean P; Ford, Jason, 1-3 cr
- 5997 Intern Teaching Assistantship**  
(max crs 4; A-F only; instr consent)
- 28573 001 IEX, 2 cr

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

- 1220 Intermediate Swimming**  
(meets LE req of PE)
- 28655 001 PHY, 09:00am-09:50am MW, SpHC 20; Batinich, Gregg Anthony, 1 cr
- 1300 Ballroom Dance**  
(meets LE req of PE)
- 28905 090 PHY, 06:00pm-07:50pm M, SpHC 135; (Open CE Reserve seats will be available to UMD students 08/30/11.); 8 seats reserved for Continuing Education; Carlson, Cynthia C, 1 cr
- 1414 Bowling**  
(meets LE req of PE)
- 28901 001 PHY, 02:00pm-03:40pm T, Skyline La SKYLINELAN, OFFCMPUMD; Meets 1st day in SpHC 150A.; Fleissner, Elizabeth A, 1 cr
- 29582 002 PHY, 02:00pm-03:40pm Th, Skyline La SKYLINELAN; Meets 1st day in SpHC 150A.; Fleissner, Elizabeth A, 1 cr
- 1507 Introduction to River Kayaking**  
(meets LE req of PE)
- 31614 001 PHY, 02:00pm-03:40pm T, SpHC 20; Carlson, Randall Scott, 1 cr
- 1508 Flatwater Canoeing**  
(meets LE req of PE)
- 28641 001 PHY, 08:00am-11:30am M, Aquatic Ce AQUACENTER, OFFCMPUMD, 09/06/11-10/31/11; Class meets in SpHC 9A 1st day.; Beery, Thomas Harold, 1 cr
- 1511 Sea Kayaking**  
(A-F only)
- 29016 001 PHY, 02:00pm-06:00pm Th, Aquatic Ce AQUACENTER; Course includes trip to Apostle Islands.; Kohlin, Patrick Martin, 1 cr
- 1530 Rock Climbing**  
(meets LE req of PE)
- 28661 001 PHY, 02:00pm-06:00pm T, SpHC 78, 09/06/11-11/01/11; Webster, Kaija Marie, 1 cr
- 29669 002 PHY, 02:00pm-06:00pm Th, SpHC 78, 09/06/11-11/03/11; Webster, Kaija Marie, 1 cr
- 1601 Aerobics**  
(meets LE req of PE)
- 28668 001 PHY, 08:00am-08:50am MW, SpHC 135; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Wendinger, Patricia J, 1 cr
- 1614 Self Defense**  
(meets LE req of PE)
- 31970 090 PHY, 06:00pm-07:50pm T, SpHC 150A, 1 cr
- 1616 Weight Training**  
(meets LE req of PE)
- 28651 001 PHY, 09:00am-09:50am MW, SpHC 92; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Knapp, Jim L, 1 cr
- 1706 Volleyball**  
(meets LE req of PE)
- 28903 001 PHY, 09:00am-09:50am MW, SpHC 150, 09:00am-09:50am MW, SpHC 150A; Wendinger, Patricia J, 1 cr
- 1901 Varsity Football**  
(max crs 4; 4 repeats allowed; S-N; prereq instr consent)
- 28926 001 PHY; Nielson, Robert B, 1 cr

- 1903 Varsity Soccer**  
(max crs 4; 4 repeats allowed; S-N; prereq instr consent)
- 28927 001 PHY; Cane, Greg P, 1 cr
- 1905 Varsity Basketball**  
(max crs 4; 4 repeats allowed; S-N; prereq instr consent)
- 28928 001 PHY; Holquist, Gary W, 1 cr
- 28932 002 PHY; Wiles, Annette M, 1 cr
- 1907 Varsity Ice Hockey**  
(max crs 4; 4 repeats allowed; S-N; prereq instr consent)
- 28929 001 PHY; Sandelin, Scott A, 1 cr
- 28933 002 PHY; Miller, Shannon, 1 cr
- 1913 Varsity Cross Country**  
(max crs 4; 4 repeats allowed; S-N; prereq instr consent)
- 28930 001 PHY; Nisius, Paul David, 1 cr
- 31882 002 PHY; Warrington, Joanna M, 1 cr
- 1917 Varsity Volleyball**  
(max crs 4; 4 repeats allowed; S-N; prereq instr consent)
- 28931 001 PHY; Boos, Jim, 1 cr

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

- 1000 Introduction and Foundations of Physical Education**  
(A-F only; prereq Pre-PE major or instr consent)
- 29395 001 LEC, 11:00am-11:50am MTWThF, SBE 17, 11:00am-11:50am Th, SpHC 135; Wendinger, Patricia J, 4 cr
- 1001 Teaching Games and Activities**  
(A-F only; prereq Pre or PE major)
- 29335 001 LEC, 08:00am-09:15am TTh, SpHC 8, 08:00am-09:15am TTh, SpHC 150A; Wendinger, Patricia J, 2 cr
- 1002 Teaching Team Sport Activities**  
(A-F only; prereq Pre PE)
- 31341 001 LEC, 10:00am-10:50am MWF, SpHC 210, 10:00am-10:50am MWF, SpHC 150; Wendinger, Patricia J, 2 cr
- 1005 Teaching Physical Fitness Activities**  
(A-F only; prereq Pre PE major)
- 28631 001 LEC, 08:00am-08:50am MWF, SpHC 210, 08:00am-08:50am MWF, SpHC 92, 08:00am-08:50am MWF, FH 25; Course meets in classroom on 1st day.; Knapp, Jim L, 2 cr
- 1006 Teaching Aquatic Activities**  
(A-F only; prereq Pre-Physical Education, HLTH 1700; credit will not be granted if already received for both PE 2240 and 2244.)
- 31342 001 LEC, 09:30am-10:45am TTh, SpHC 20; Batinich, Gregg Anthony, 2 cr
- 3100 Curricular Approaches in Physical Education**  
(A-F only; prereq Pre-Physical Education)
- 31322 001 LEC, 08:00am-09:15am TTh, SpHC 9A, 08:00am-09:15am TTh, SpHC 150; Zmudy PhD, Mark Howard, 3 cr
- 3400 Adapted Physical Education**  
(A-F only; prereq PE major or candidate or instr consent)
- 28013 001 LEC, 09:30am-10:45am TTh, SpHC 208, 09:30am-10:45am TTh, SpHC 150; Course meets in classroom on 1st day.; Knapp, Jim L, 3 cr
- 3500 Student Assessment in Physical Education**  
(A-F only; prereq PE Major or Candidate or instr consent)
- 29408 001 LEC, 11:00am-11:50am MWF, SpHC 208, 11:00am-11:50am MWF, SpHC 150; Course will meet in classroom 1st day.; Knapp, Jim L, 3 cr



<b>3509 Teaching Canoeing</b> (prereq Exer sci or pe or rec major, PE 1508 or instr consent ; credit will not be granted if already received for 1509)	<b>1011 Ideas in Physics</b> (A-F only; prereq Will not satisfy major or minor requirements in phys; meets LE req of LE CAT5)	<b>3091 Independent Study</b> (max crs 6; 6 repeats allowed; A-F only; prereq dept consent)
29415 001 LEC, 01:00pm-02:50pm MW, Aquatic Ce AQUACENTER, 09/06/11-11/02/11, 01:00pm-02:50pm MW, SpHC 20, 09/06/11-09/12/11; Course meets 1st week in SpHC 20 (pool) and then moves to the Aquatics Center.; Zmudy PhD, Mark Howard, 1 cr	28754 001 LEC, 01:00pm-01:50pm MWF, MWAH 195; (Open CE Reserve seats will be available to UMD students 08/31/10.); 2 seats reserved for Continuing Education; Johnson, Darrin Eric, 3 cr	28063 001 IND; , 1-3 cr
<b>4200 Secondary Physical Education Methods</b> (A-F; prereq 3720, PE 2244, Secondary Teacher Education Program (STEP), instr consent)	<b>1021 Exploring Current Topics in Physics</b> (A-F only)	<b>3094 Physics Research</b> (max crs 6; 6 repeats allowed; S-N only; prereq dept consent)
29336 001 LEC, 08:00am-11:50am TTh, Room TBA; Class will meet in SpHC 39 on September 7, September 9, and December 21.; Carlson, Jane A K, 4 cr	29276 001 LEC, 09:00am-09:50am Th, MWAH 195; Habig, Alec T, 1 cr	28064 001 DRS; , 1-6 cr
<b>4250 Supervised Teaching: College</b> (max crs 2; A-F; prereq 4100 or 4200, Secondary Teacher Education Program (STEP), instr consent)	<b>2011 General Physics I</b> (Credit will not be granted if credit has been received for: PHYS 1201; A-F only; prereq Math 1290 or Math 1296 or Math 1596; meets LE req of LE CAT4)	<b>4001 Classical Mechanics</b> (A-F only; prereq 2022 or 2001, Math 3280)
29607 001 PRC; Wendinger, Patricia J, 1 cr	001 LEC, 02:00pm-02:50pm MWThF, MWAH 195; Katsev, Sergei	29753 001 LEC, 02:00pm-02:50pm MTWF, HH 216; Maps, Jonathan, 4 cr
<b>4600 Seminar in Physical Education</b> (A-F only; prereq Physical Education candidate; no grad school credit)	29258 002 LAB, 08:00am-09:50am T, MWAH 277, 4 cr	<b>4021 Quantum Physics II</b> (A-F only; prereq 2021, Math 3280)
31323 001 LEC; Wendinger, Patricia J, 1 cr	29259 003 LAB, 10:00am-11:50am T, MWAH 277; , 4 cr	29754 001 LEC, 09:00am-09:50am MTWF, MWAH 279; Hiller, John R, 4 cr
<b>4991 Independent Study</b> (max crs 8; 8 repeats allowed; A-F only; prereq PE or exer sci major and instr consent ; no Grad School credit)	29260 004 LAB, 12:00pm-01:50pm T, MWAH 277; , 4 cr	<b>5043 Environmental Optics</b> (A-F only; prereq 2012 or course containing elementary optics)
28667 001 IND; Nierengarten, Mark Edward, 1-4 cr	29261 005 LAB, 02:00pm-03:50pm T, MWAH 277, 4 cr	001 LEC, 10:00am-10:50am MW, MWAH 347; Sydor, Michael
30730 002 IND; Carlson, Jane A K, 1-4 cr	29262 006 LAB, 03:00pm-04:50pm W, MWAH 277, 4 cr	30837 002 LAB, 10:00am-11:50am F, MWAH 347; Sydor, Michael, 3 cr
<b>4992 Directed Readings</b> (max crs 6; 6 repeats allowed; A-F only; prereq instr consent ; no Grad School credit)	29263 007 LAB, 08:00am-09:50am Th, MWAH 277; , 4 cr	<b>5052 Computational Methods in Physics</b> (A-F only; prereq 2021, 1 sem programming, Math 3280)
28666 001 DRD; Nierengarten, Mark Edward, 1-3 cr	29264 008 LAB, 10:00am-11:50am Th, MWAH 277; , 4 cr	001 LEC, 11:00am-11:50am MW, MWAH 279; Hiller, John R
<b>4997 Practicum</b> (max crs 5; 5 repeats allowed; A-F only; prereq PE or exer sci major; no Grad School credit)	29265 009 LAB, 12:00pm-01:50pm Th, MWAH 277, 4 cr	30262 002 LAB, 11:00am-12:50pm F, MWAH 397; Hiller, John R, 3 cr
28665 001 PRC; Nierengarten, Mark Edward, 1-5 cr	30776 010 LAB, 04:00pm-05:50pm Th, MWAH 277, 4 cr	<b>5501 Advanced Classical Mechanics</b> (A-F only; prereq 4001)
	<b>2012 General Physics II</b> (A-F only; prereq 2011, Math 1297 or Math 1597; credit will not be granted if already received for 1202 or 1204)	29756 001 LEC, 01:00pm-01:50pm MWF, HH 216; Jordan, Thomas Frederi, 3 cr
	001 LEC, 12:00pm-12:50pm MWThF, MWAH 195; Habig, Alec T	<b>5591 Independent Study</b> (max crs 6; 6 repeats allowed; S-N only; prereq Consent of director of graduate studies, instr consent)
	29344 002 LAB, 08:00am-09:50am T, MWAH 241; Habig, Alec T, 4 cr	28255 001 IND; , 1-3 cr
	29345 003 LAB, 10:00am-11:50am T, MWAH 241; Habig, Alec T, 4 cr	<b>5594 Physics Research</b> (max crs 6; 6 repeats allowed; S-N only; prereq instr consent)
	29346 004 LAB, 02:00pm-03:50pm W, MWAH 241; Habig, Alec T, 4 cr	28256 001 DRS; , 1-3 cr
	29347 005 LAB, 10:00am-11:50am Th, MWAH 241; Habig, Alec T, 4 cr	<b>8333 FTE: Master's</b> (NGA; prereq Masters student, adviser and DGS consent)
	29348 006 LAB, 01:00pm-02:50pm Th, MWAH 241; Meets with: 30780 PHYS 2012; , 4 cr	28949 001 DRS; , 1 cr
	29349 007 LAB, 03:00pm-04:50pm Th, MWAH 241; Habig, Alec T, 4 cr	<b>8777 Thesis Credits: Master's</b> (max crs 50; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 10 cr total required (Plan A only))
	29350 008 LAB, 04:00pm-05:50pm M, MWAH 241; Meets with: 30781 PHYS 2012, 4 cr	28986 001 THE; , 1-18 cr
	31310 011 LEC, 03:00pm-03:50pm MWThF, MWAH 195; Sydor, Michael	
	30774 012 LAB, 12:00pm-01:50pm T, MWAH 241; Sydor, Michael, 4 cr	
	30778 013 LAB, 02:00pm-03:50pm T, MWAH 241; Sydor, Michael, 4 cr	
	30779 014 LAB, 10:00am-11:50am W, MWAH 241, 4 cr	
	30780 015 LAB, 08:00am-09:50am Th, MWAH 241; Sydor, Michael, 4 cr	
	30781 016 LAB, 01:00pm-02:50pm Th, MWAH 241; Meets with: 29348 PHYS 2012; , 4 cr	
	2111 <b>Solving Physics Problems I</b> (Credit will not be granted if credit has been received for: PHYS 1101, PHYS 1101; S-N only; prereq Math 1296 or Math 1596, concurrent registration is required in 2011)	
	29266 001 DIS, 04:00pm-04:50pm M, MWAH 195; , 1 cr	
	<b>2112 Solving Physics Problems II</b> (S-N only; prereq Math 1297 or Math 1597, concurrent registration is required in 2012)	
	29351 001 DIS, 04:00pm-04:50pm W, MWAH 195; Maps, Jonathan, 1 cr	
	<b>2199 Physics Tutoring</b> (max crs 4; 4 repeats allowed; S-N only; prereq 2012 or dept consent)	
	28065 001 IND; Maps, Jonathan, 1-2 cr	

## PHYSICS (Phys) Swenson College of Science & Engineering

<b>1001 Introduction to Physics I</b> (A-F only; prereq Algebra, trig; meets LE req of LE CAT4)
001 LEC, 08:00am-08:50am MTWF, MWAH 195; Johnson, Darrin Eric
27984 002 LAB, 09:00am-10:50am T, MWAH 275; Johnson, Darrin Eric, 5 cr
27985 003 LAB, 11:00am-12:50pm T, MWAH 275; Johnson, Darrin Eric, 5 cr
27986 004 LAB, 01:00pm-02:50pm T, MWAH 275; Johnson, Darrin Eric, 5 cr
27987 005 LAB, 02:00pm-03:50pm W, MWAH 275; Johnson, Darrin Eric, 5 cr
27988 006 LAB, 08:00am-09:50am Th, MWAH 275; (Open CE Reserve seats will be available to UMD students 08/31/10.); 2 seats reserved for Continuing Education; Johnson, Darrin Eric, 5 cr
27989 007 LAB, 10:00am-11:50am Th, MWAH 275; Johnson, Darrin Eric, 5 cr
29274 008 LAB, 12:00pm-01:50pm Th, MWAH 275; Johnson, Darrin Eric, 5 cr
29275 009 LAB, 02:00pm-03:50pm Th, MWAH 275; Johnson, Darrin Eric, 5 cr
32130 010 LAB, 03:00pm-04:50pm T, MWAH 275; ; Johnson, Darrin Eric, 5 cr
<b>1002 Introduction to Physics II</b> (A-F only; prereq 1001)
001 LEC, 09:00am-09:50am MTWF, MWAH 195
29338 002 LAB, 10:00am-11:50am T, MWAH 249; , 5 cr
29339 003 LAB, 02:00pm-03:50pm T, MWAH 249, 5 cr
29340 004 LAB, 08:00am-09:50am Th, MWAH 249, 5 cr
29341 005 LAB, 10:00am-11:50am Th, MWAH 249, 5 cr
29342 006 LAB, 02:00pm-03:50pm Th, MWAH 249; , 5 cr

<b>2700 Methodology and Analysis</b> (A-F only)	<b>4191 Independent Study</b> (max crs 6; 6 repeats allowed; A-F only; prereq 8 cr in pol, 6 cr in other soc sci, instr consent)	<b>30900</b> @050 LEC, instruction mode: Distance Education Other; Online Instruction - Students must be registered and begin the course at the start of the semester, and complete all requirements by the end of semester. No exceptions. Initial course information will be sent to you via your UMD email account. To activate your account go to <a href="https://www.umn.edu/initiate?">https://www.umn.edu/initiate?</a> and follow the directions
32213 001 LEC, 11:00am-12:50pm TTh, BohH 90; Currin-Percival, Mary, 4 cr	28172 001 IND, 1-4 cr	(Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Marsh, Karen Linda, 4 cr
<b>3001 American Public Policy</b> (A-F only; prereq 1011, min 45 cr or instr consent)	29635 002 IND, 1-4 cr	<b>3010 Internship Preparation</b> (A-F; prereq Psy major or instr consent)
31579 001 LEC, 03:00pm-03:50pm MWF, Cina 308; Percival, Garrick L, 3 cr	29636 003 IND, 1-4 cr	28886 001 SEM, 12:00pm-12:50pm TTh, BohH 346; Pedersen, Paula Jean, 2 cr
<b>3015 State and Local Government</b> (A-F only; prereq 1011, 45 cr or instr consent; credit will not be granted if already received for 3020)	29637 004 IND, 1-4 cr	<b>3011 Internship in Psychology</b> (max crs 6; A-F; prereq 3010 or instr consent)
30739 001 LEC, 04:00pm-05:50pm MW, Cina 308; Jennings, Mark C, 4 cr	29638 005 IND, 1-4 cr	31109 001 IEX, 11:00am-11:50am T, SBE 36; LaCaille, Lara, 3 cr
<b>3080 Environment and Politics</b> (A-F only; prereq 1011, 45 cr or instr consent)	29639 006 IND, 1-4 cr	30265 002 IEX, 11:00am-11:50am W, BohH 343; Pedersen, Paula Jean, 3 cr
29886 001 LEC, 11:00am-11:50am MWF, H 403; Percival, Garrick L, 3 cr	29640 007 IND, 1-4 cr	<b>3020 Statistical Methods</b> (A-F only; prereq Elem Algebra, Math placement test)
<b>3097 Government Internship</b> (max crs 12; 12 repeats allowed; S-N only; prereq 60 cr; 4 cr max from 3097, 3197, 3297 may be applied toward advanced Pol major requirements; instructor consent)	29825 008 IND, 1-4 cr	33097 001 LEC, 09:00am-09:50am MTWTh, BohH 346; 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Carlson, Scott Robert, 4 cr
28729 001 IEX, 1-12 cr	29890 009 IND, 1-4 cr	31381 002 LEC, 10:00am-10:50am MTWTh, BohH 104; 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Slowiak PhD, Julie M, 4 cr
29631 002 IEX, 1-12 cr	30121 010 IND, 1-4 cr	29173 003 LEC, 12:00pm-12:50pm MTWTh, BohH 104; 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Carlson, Scott Robert, 4 cr
<b>3109 Intern Teaching in Political Science</b> (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; instr consent)	<b>PSYCHOLOGY (Psy)</b> <b>College of Education &amp; Human Service Professions</b>	33098 004 LEC, 01:00pm-01:50pm MTWTh, BohH 108; 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Taylor, John Powell, 4 cr
28730 001 IEX, 1-2 cr	<b>1003 General Psychology</b> (A-F only; meets LE req of LE CAT6)	30771 @050 LEC, instruction mode: Distance Education Other; Online Instruction - Students must be registered and begin the course at the start of the semester, and complete all requirements by the end of semester. No exceptions. Initial course information will be sent to you via your UMD email account. To activate your account go to <a href="https://www.umn.edu/initiate?">https://www.umn.edu/initiate?</a> and follow the directions.; 16 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; 4 seats reserved for Psy Online Students; Slowiak PhD, Julie M, 4 cr
29632 002 IEX, 1-2 cr	28509 001 LEC, 10:00am-10:50am MTWTh, BohH 90; (Open CE Reserve seats will be available to UMD students 08/31/10.); Pedersen, Paula Jean, 4 cr	29979 051 LEC; Online Instruction - Students must be registered and begin the course at the start of the semester, and complete all requirements by the end of semester. No exceptions. Initial course information will be sent to you via your UMD email account. To activate your account go to <a href="https://www.umn.edu/initiate?">https://www.umn.edu/initiate?</a> and follow the directions.; 16 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; 4 seats reserved for Psy Online Students; Taylor, John Powell, 4 cr
29633 003 IEX, 1-2 cr	28510 002 LEC, 01:00pm-01:50pm MTWTh, BohH 90; (Open CE Reserve seats will be available to UMD students 08/31/10.); Apostal, Kathryn J, 4 cr	<b>3021 Experimental Design and Methodology</b> (A-F only; prereq 2003, 3020)
29887 004 IEX, 1-2 cr	28511 003 LEC, 04:00pm-04:50pm MTWTh, BohH 90; Apostal, Kathryn J, 4 cr	001 LEC, 10:00am-10:50am MWF, BohH 112; Lloyd, Robert Lee
29888 005 IEX, 1-2 cr	30770 005 LEC, 09:00am-09:50am MTWTh, MonH 70; Schilling, Christine Ann, 4 cr	28670 002 LAB, 02:00pm-02:50pm T, Cina 22; Lloyd, Robert Lee, 4 cr
29889 006 IEX, 1-2 cr	34242 350 LEC; (Online Instruction. Students must register by 9/6/11 and complete all requirements by 12/16/11. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">http://www.d.umn.edu/goto/ceonline"> Getting Started On Your Online Course</a>). Open CE Reserve seats will be available to UMD students on August 30, 2011.; 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Gordon, Randall A, 4 cr	28671 003 LAB, 02:00pm-02:50pm Th, Cina 22; Lloyd, Robert Lee, 4 cr
30118 007 IEX, 1-2 cr	<b>2003 Psychology: Discipline and Profession</b> (A-F only; prereq Pre-psychology or psychology major)	28674 004 LEC, 02:00pm-02:50pm MWF, BohH 108; Hessler, Eric Edward
31125 008 IEX, 1-2 cr	30450 001 LEC, 03:00pm-03:50pm M, MonH 70; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Schilling, Christine Ann, 1 cr	28673 005 LAB, 01:00pm-01:50pm T, Cina 22; Hessler, Eric Edward, 4 cr
32215 009 IEX, 1-2 cr	<b>2021 Developmental Psychology</b> (A-F only; meets LECD req of LECD CAT06)	28674 006 LAB, 11:00am-11:50am T, Cina 22; Hessler, Eric Edward, 4 cr
<b>3141 American Political Parties</b> (A-F; prereq 1011 or equivalent, 45 cr)	28258 001 LEC, 10:00am-10:50am MTWTh, LSci 185; (Open CE Reserve seats will be available to UMD students 08/31/10.); 2 seats reserved for Continuing Education; Schilling, Christine Ann, 4 cr	28674 007 LEC, 08:00am-09:15am TTh, LSBE 165; Gordon, Randall A
30476 001 LEC, 03:30pm-04:45pm TTh, Cina 224; Staats, Joseph Lawrence, 3 cr	28259 002 LEC, 12:00pm-01:50pm TTh, MonH 70; (Open CE Reserve seats will be available to UMD students 08/31/10.); 2 seats reserved for Continuing Education; Butterfield, Brenda S, 4 cr	29245 008 LAB, 01:00pm-01:50pm W, Cina 22; Gordon, Randall A, 4 cr
<b>3142 Voting, Campaigning, and Elections</b> (A-F; prereq 1011, 45 cr)	29986 @050 LEC, instruction mode: Distance Education Other; Online Instruction - Students must be registered and begin the course at the start of the semester, and complete all requirements by the end of semester. No exceptions. Initial course information will be sent to you via your UMD email account. To activate your account go to <a href="https://www.umn.edu/initiate?">https://www.umn.edu/initiate?</a> and follow the directions	29246 009 LAB, 02:00pm-02:50pm W, Cina 22; Gordon, Randall A, 4 cr
30123 001 LEC, 02:00pm-03:15pm TTh, Cina 202; Currin-Percival, Mary, 3 cr	<b>2023 Marriages and Families Worldwide</b> (A-F only; meets LEIP req of LEIP CAT08)	
<b>3197 Nongovernmental Internship</b> (max crs 12; 12 repeats allowed; S-N only; prereq 60 cr; 4 cr max from 3097, 3197, 3297 may be applied toward advanced Pol major requirements; instructor consent)	28261 001 LEC, 01:00pm-01:50pm MTWTh, MonH 80; Dowell PhD, Kathy, 4 cr	
28728 001 IEX, 1-12 cr	29354 002 LEC, 08:00am-09:50am TTh, LSci 175; Butterfield, Brenda S, 4 cr	
29634 002 IEX, 1-12 cr	<b>2223 Gender in Society</b> (A-F only; meets LECD req of LECD CAT08)	
<b>3403 American Foreign Policy</b> (Credit will not be granted if credit has been received for: POL 3402; A-F; prereq 1011 or 1050, min 45 cr)	29243 001 LEC, 01:00pm-01:50pm MTWTh, BohH 346; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; Doane PhD, H Mitzi, 4 cr	
30124 001 LEC, 02:00pm-03:15pm TTh, Cina 224; Sharp, Paul, 3 cr		
<b>3518 Transitional Politics of Asia</b> (A-F; prereq 1500, 3570, or equivalent, 45 cr)		
30740 001 LEC, 05:00pm-05:50pm MWF, Cina 316; Das, Runa, 3 cr		
<b>3570 Politics of Developing Nations</b> (A-F only; prereq 1050 or 1500 or 8 cr soc sci, 45 cr or instr consent)		
30478 001 LEC, 04:00pm-04:50pm MWF, Cina 224; Das, Runa, 3 cr		
<b>3652 Modern Political Thought</b> (max crs 12; 3 repeats allowed; A-F only; prereq 1610 or instr consent, course is repeatable with instructor consent only.)		
30741 001 LEC, 03:00pm-04:50pm MW, KPlz 312; Shuster, Amy L, 4 cr		
<b>4190 The Senior Seminar</b> (A-F only; prereq 6 cr in relevant upper div pol courses, instr consent)		
28167 001 SEM, 12:00pm-01:50pm MW, Cina 308; Walsh, Shannon Drysdale, 4 cr		
30119 002 SEM, 08:00am-09:50am TTh, Cina 214; Caprioli, Mary, 4 cr		

<b>3022 Applied Methods and Measurement</b> (A-F only; prereq 3020, 3021 or instr consent)	<b>3111 Theories of Personality</b> (A-F only; prereq 1003 or instr consent)	<b>3371 Child and Adolescent Psychology</b> (A-F only; prereq 1003)
001 LEC, 03:30pm-04:45pm TTh, ChPk 124; LaCaille, Rick A	31382 001 LEC, 02:00pm-03:15pm TTh, BohH 346; 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Carlson, Scott Robert, 3 cr	28538 001 LEC, 12:00pm-12:50pm MWF, BohH 346; (Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Apostol, Kathryn J, 3 cr
28676 002 LAB, 01:00pm-01:50pm M, Cina 22; LaCaille, Rick A, 4 cr	29355 002 LEC, 03:30pm-04:45pm TTh, BohH 346; (Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Stuecher, Uwe Heinric, 3 cr	29981 @050 LEC, instruction mode: Distance Education Other; Online Instruction - Students must be registered and begin the course at the start of the semester, and complete all requirements by the end of semester. No exceptions. Initial course information will be sent to you via your UMD email account. To activate your account go to <a href="https://www.umn.edu/initiate?">https://www.umn.edu/initiate?</a> and follow the directions.
28677 003 LAB, 02:00pm-02:50pm M, Cina 22; LaCaille, Rick A, 4 cr	<b>3121 Abnormal Psychology</b> (A-F only; prereq 1003 or instr consent)	(Open CE Reserve seats will be available to UMD students 08/31/10.); 16 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; 4 seats reserved for Psy Online Students; Kivi, Carol Susan, 3 cr
29055 004 LEC, 08:00am-09:15am TTh, BohH 108; Durgunoglu, Aydin Yucesan	28596 001 LEC, 01:00pm-02:50pm TTh, Engr 280; 30 seats reserved for Psy major or pre-psy; 15 seats reserved for Psychology Minor; LaCaille, Lara, 4 cr	<b>3381 Adult Development and Aging</b> (A-F only; prereq 1003)
29056 005 LAB, 08:00am-08:50am W, Cina 22; Durgunoglu, Aydin Yucesan, 4 cr	29166 002 LEC, 09:00am-09:50am MTWTh, BohH 112; 30 seats reserved for Psy major or pre-psy; 15 seats reserved for Psychology Minor; Marsh, Karen Linda, 4 cr	33251 350 LEC; (Online Instruction. Students must register by 9/6/11 and complete all requirements by 12/16/11. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. Open CE reserved seats will be available to UMD students on August 30, 2011.); 16 seats reserved for Psy major or pre-psy; 8 seats reserved for Psychology Minor; 4 seats reserved for Psy Online Students; 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Durgunoglu, Aydin Yucesan, 3 cr
31708 006 LAB, 09:00am-09:50am W, Cina 22; Durgunoglu, Aydin Yucesan, 4 cr @050 LAB, instruction mode: Distance Education Other; Online Instruction - Students must be registered and begin the course at the start of the semester, and complete all requirements by the end of semester. No exceptions. Initial course information will be sent to you via your UMD email account. To activate your account go to <a href="https://www.umn.edu/initiate?">https://www.umn.edu/initiate?</a> and follow the directions.; Dowell PhD, Kathy, 4 cr	30901 004 LEC, 05:00pm-08:30pm T, BohH 112; (Open CE Reserve seats will be available to UMD students 08/31/10.); 30 seats reserved for Psy major or pre-psy; 15 seats reserved for Psychology Minor; LaCaille, Rick A, 4 cr	<b>3445 Transpersonal Psychology</b> (A-F only; prereq 1003 or instr consent)
<b>3061 Physiological Psychology</b> (A-F only; prereq 1003 or instr consent)	<b>3201 Social Psychology</b> (A-F only; prereq 1003 or instr consent)	28539 001 DIS, 05:00pm-06:15pm TTh, LSBE 165; (Open CE Reserve seats will be available to UMD students 08/31/10.); 1 seat reserved for Continuing Education; McClure, Bud A, 3 cr
30773 001 LEC, 12:00pm-12:50pm MTWTh, BohH 108; (Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Lloyd, Robert Lee, 4 cr	30471 @001 LEC, 09:30am-10:45am TTh, BohH 108, instruction mode: Distance Education Other; 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Gordon, Randall A, 3 cr	<b>3520 Introduction to Industrial/Organizational Psychology</b> (A-F only; prereq 1003 or instr consent; credit will not be granted if already received for 3701 or 3707)
33245 350 LEC; (Online Instruction- Students must register by 9/6/11 and complete all requirements by 12/16/11. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. Open CE reserved seats will be available to UMD students on August 30, 2011.); 16 seats reserved for Psy major or pre-psy; 8 seats reserved for Psychology Minor; 4 seats reserved for Psy Online Students; 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Lloyd, Robert Lee, 4 cr	30775 002 LEC, 10:00am-10:50am MWF, BohH 346; (Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Luong, Alexandra, 3 cr	33252 350 LEC; (Online Instruction. Students must register by 9/6/11 and complete all requirements by 12/16/11. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. Open CE reserved seats will be available to UMD students on August 30, 2011.); 16 seats reserved for Psy major or pre-psy; 8 seats reserved for Psychology Minor; 4 seats reserved for Psy Online Students; 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Luong, Alexandra, 4 cr
<b>3081 History and Systems of Psychology</b> (A-F only; prereq 1003 or instr consent)	<b>3211 Group Dynamics</b> (A-F only; prereq 1003 or instr consent)	<b>3524 Basic Helping Skills</b> (A-F only)
29980 @001 LEC, 02:00pm-03:15pm TTh, Chem 251, instruction mode: Distance Education Other; 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Stuecher, Uwe Heinric, 3 cr	29936 001 LEC, 03:30pm-04:45pm TTh, BohH 104; (Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Butterfield, Brenda S, 3 cr	28684 001 LEC, 03:00pm-04:50pm WF, H 403; (Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Schilling, Christine Ann, 4 cr
28562 002 LEC, 03:30pm-04:45pm TTh, SpHC 210; (Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Marsh, Karen Linda, 3 cr	30888 @050 LEC, instruction mode: Distance Education Other; Online Instruction - Students must be registered and begin the course at the start of the semester, which is September 8 and complete all requirements by December 16. No exceptions. Initial course information will be sent to you via your UMD email account. To activate your account go to <a href="https://www.umn.edu/initiate?">https://www.umn.edu/initiate?</a> and follow the directions.	33108 002 LEC, 12:00pm-01:50pm TTh, SBE 17; 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Marsh, Karen Linda, 4 cr
33106 050 LEC; Online Instruction - Students must be registered and begin the course at the start of the semester, and complete all requirements by the end of semester. No exceptions. Initial course information will be sent to you via your UMD email account. To activate your account go to <a href="https://www.umn.edu/initiate?">https://www.umn.edu/initiate?</a> and follow the directions	(Open CE Reserve seats will be available to UMD students 08/31/10.); 16 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; 4 seats reserved for Psy Online Students; Luong, Alexandra, 3 cr	30472 @050 LEC, instruction mode: Distance Education Other; Online Instruction - Students must be registered and begin the course at the start of the semester, and complete all requirements by the end of semester. No exceptions. Initial course information will be sent to you via your UMD email account. To activate your account go to <a href="https://www.umn.edu/initiate?">https://www.umn.edu/initiate?</a> and follow the directions.
(Open CE Reserve seats will be available to UMD students 08/31/10.); 16 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; 4 seats reserved for Psy Online Students; Kivi, Carol Susan, 3 cr	<b>3215 Topics in Human Sexuality</b> (Credit will not be granted if credit has been received for: PSY 3216; A-F only; prereq 1003 or instr consent)	
33246 350 LEC; (Online Instruction- Students must register by 9/6/11 and complete all requirements by 12/16/11. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. Open CE reserved seats will be available to UMD students on August 30, 2011.); 16 seats reserved for Psy major or pre-psy; 8 seats reserved for Psychology Minor; 4 seats reserved for Psy Online Students; 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Kivi, Carol Susan, 3 cr	28654 001 LEC, 02:00pm-03:15pm TTh, ABAH 235; (Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Pedersen, Paula Jean, 3 cr	



(Open CE Reserve seats will be available to UMD students 08/31/10.); 16 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; 4 seats reserved for Psy Online Students; Kivi, Carol Susan, 4 cr

- 3601 Psychology of Personal Development**  
(A-F only; prereq 1003 or instr consent)
- 29579 001 LEC, 02:00pm-03:15pm TTh, Engr 177; 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; McClure, Bud A, 3 cr
- 30263 002 LEC, 03:30pm-04:45pm TTh, BohH 108; (Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; McClure, Bud A, 3 cr
- 33253 003 LEC; (Online Instruction. Students must register by 9/6/11 and complete all requirements by 12/16/11. No exceptions. Initial course information is available at <http://www.d.umn.edu/goto/ceonline> Getting Started On Your Online Course </a>. Open CE reserved seats will be available to UMD students on August 30, 2011.); 16 seats reserved for Psy major or pre-psy; 8 seats reserved for Psychology Minor; 4 seats reserved for Psy Online Students; 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Acheson Lee, Joie, 3 cr

- 3611 Learning and Behavior**  
(A-F only; prereq 1003 or instr consent)
- 28463 001 LEC, 11:00am-11:50am MTWTF, BohH 346; (Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Doane PhD, H Mitzi, 4 cr
- 33112 002 LEC, 09:00am-09:50am MTWTh, BohH 104; 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Hessler, Eric Edward, 4 cr
- 33113 003 LEC, 08:00am-09:50am TTh, ChPk 122; 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Stuecher, Uwe Heinric, 4 cr
- 29982 @050 LEC, instruction mode: Distance Education Other; Online Instruction - Students must be registered and begin the course at the start of the semester, and complete all requirements by the end of semester. No exceptions. Initial course information will be sent to you via your UMD email account. To activate your account go to <https://www.umn.edu/initiate?> and follow the directions.

(Open CE Reserve seats will be available to UMD students 08/31/10.); 16 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; 4 seats reserved for Psy Online Students; Taylor, John Powell, 4 cr

- 3621 Cognition**  
(A-F only; prereq 1003 or instr consent)
- 30266 001 LEC, 08:00am-09:50am TTh, SBE 20; (Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Maas, Fay, 4 cr
- 30902 002 LEC, 03:00pm-04:50pm TTh, Engr 290; 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Taylor, John Powell, 4 cr
- 3661 Psychology of Language**  
(A-F only; prereq 1003 or instr consent)
- 33130 001 LEC, 02:00pm-03:15pm TTh, BohH 108; 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Durgunoglu, Aydin Yucesan, 3 cr

- 3701 Personnel Psychology**  
(A-F only; prereq 1003)
- 29107 001 LEC, 11:00am-11:50am MWF, BohH 104; (Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Luong, Alexandra, 3 cr

- 3707 Organizational Psychology**  
(A-F only; prereq 1003)
- 29951 001 LEC, 02:00pm-03:15pm TTh, BohH 104; (Open CE Reserve seats will be available to UMD students 08/31/10.); 20 seats reserved for Psy major or pre-psy; 10 seats reserved for Psychology Minor; Slowiak PhD, Julie M, 3 cr
- 3989 Directed Instruction**  
(max crs 4; 4 repeats allowed; prereq instr consent)
- 29853 001 LEC; , 1-4 cr
- 3991 Projects in Psychology**  
(max crs 4; 4 repeats allowed; S-N only; prereq Psy major or minor, instructor consent)
- 29849 001 IND; , 1-4 cr
- 3994 Directed Research in Psychology**  
(max crs 8; 8 repeats allowed; A-F only; prereq Psy major or minor, instr consent)
- 29850 001 DRS; , 1-8 cr
- 3996 Pre-Professional Field Placement**  
(max crs 4; 4 repeats allowed; S-N; prereq 3010, Concurrent registration is required (or allowed) in 3011, instr consent)
- 33128 001 FWK; Pedersen, Paula Jean, 1-4 cr
- 33129 002 FWK; LaCaille, Lara, 1-4 cr

## RECREATION (Rec)

### College of Education & Human Service Professions

- 1201 Outdoor Skills I**  
(A-F only; meets LE req of PE)
- 28642 001 PHY, 02:00pm-04:50pm T, SpHC 9; Course includes a weekend camping trip.; Gilbertson, Kenneth Lloyd, 2 cr
- 1203 Outdoor Skills I**  
(A-F only; prereq Pre-rec, rec major or minor)
- 28713 001 PHY, 02:00pm-04:50pm Th, SpHC 9; Course includes a weekend camping trip October.; Beery, Thomas Harold, 2 cr
- 3330 Outdoor Recreation**  
(A-F only; prereq 2300 or instr consent)
- 29235 001 LEC, 09:30am-10:45am TTh, SpHC 9A; Ernst, Julie Ann, 3 cr
- 4991 Independent Study**  
(max crs 4; 4 repeats allowed; A-F only; prereq instr consent; no Grad School credit)
- 28649 001 IND; Beery, Thomas Harold, 1-4 cr
- 30722 002 IND; Gilbertson, Kenneth Lloyd, 1-4 cr
- 31975 003 IND; Ernst, Julie Ann, 1-4 cr
- 31976 004 IND; Zmudy PhD, Mark Howard, 1-4 cr
- 4997 Recreation Practicum**  
(S-N; prereq 1000, rec minor; no Grad School credit)
- 28648 001 PRC; Beery, Thomas Harold, 3 cr
- 31977 002 PRC; Gilbertson, Kenneth Lloyd, 3 cr
- 31978 003 PRC; Ernst, Julie Ann, 3 cr
- 31979 004 PRC; Zmudy PhD, Mark Howard, 3 cr

## RUSSIAN (Russ)

### College of Liberal Arts

- 1101 Beginning Russian I**  
(A-F only; prereq Little or no prior formal study of this language, or instr consent; meets LE req of LE CAT3)
- 28007 090 LEC, 05:00pm-05:50pm MTWTh, H 464; (Open CE reserved seats will be available to UMD students on 8/30/11.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Nolan, Daniel S, 4 cr

## SAFETY (SAFE)

### Swenson College of Science & Engineering

- 6002 Regulatory Standards and Hazard Control**  
(A-F only; prereq MEHS student or dept consent and instr consent)
- 29858 001 LEC, 08:00am-09:50am TTh, VKH 221, 4 cr

- 6011 System Safety and Loss Control Techniques**  
(A-F only; prereq MEHS student or dept consent and instr consent)
- 28623 001 LEC, 09:00am-10:50am MW, VKH 201, 4 cr
- 6101 Principles of Industrial Hygiene**  
(A-F only; prereq MEHS student or dept consent and instr consent)
- 33175 001 LAB, 06:00pm-08:40pm M, VKH 227; Roseth, Wade Edward, 3 cr
- 6291 Independent Study in Industrial Safety**  
(max crs 3; S-N only; prereq 6002, instr consent)
- 28630 001 IND; Feyen, Robert G, 1-3 cr
- 6401 Environmental Safety and Legal Implications**  
(A-F only; prereq MEHS student or dept consent and instr consent)
- 33131 001 LEC, 06:00pm-08:40pm W, Engr 177; Meets with: 33239 EMGT 5250; Ballavance, Brett Alan, 3 cr
- 6821 Organization and Administration of Safety Programs**  
(A-F only; prereq 6012 or dept consent and instr consent)
- 34044 001 LEC, 02:00pm-04:50pm W, VKH 201; Stauber, James D, 3 cr
- 6997 Internship in Environmental Health and Safety**  
(S-N only; prereq MEHS student, dept consent)
- 31771 001 IEX; Feyen, Robert G, 3 cr

## SOCIAL WORK (SW)

### College of Education & Human Service Professions

- 1210 Global Issues**  
(Credit will not be granted if credit has been received for: SW 1211, SW 1212; A-F only; meets LEIP req of LEIP CAT08)
- 31774 001 LEC, 08:00am-09:15am TTh, ABAH 245; , 3 cr
- 1619 Race, Class, and Gender in the United States**  
(A-F only; meets LECD req of LECD CAT08)
- 31706 001 LEC, 03:30pm-04:45pm TTh, Engr 177; , 3 cr
- 5032 Child Welfare and the Law**  
(A-F; prereq MSW student or instr consent)
- 29610 001 LEC, 08:30am-06:00pm S, BohH 112, 09/17/11-09/17/11, 08:30am-06:00pm S, BohH 112, 11/12/11-11/12/11, 08:30am-06:00pm S, BohH 112, 12/03/11-12/03/11; , 2 cr
- 5091 Independent Study**  
(max crs 8; 8 repeats allowed; prereq instr consent)
- 31286 001 IND, 1-4 cr
- 31287 002 IND, 1-4 cr
- 31288 003 IND, 1-4 cr
- 31289 004 IND; , 1-4 cr
- 31290 005 IND; , 1-4 cr
- 31291 006 IND, 1-4 cr
- 31292 007 IND; , 1-4 cr
- 31293 008 IND, 1-4 cr
- 31297 009 IND, 1-4 cr
- 5096 Special Project**  
(max crs 8; 8 repeats allowed; S-N only; prereq instr consent)
- 28144 001 FWK, 1-4 cr
- 29117 002 FWK, 1-4 cr
- 29000 003 FWK; , 1-4 cr
- 29001 004 FWK, 1-4 cr
- 31298 005 FWK, 1-4 cr
- 30348 006 FWK, 1-4 cr
- 30349 007 FWK, 1-4 cr
- 30350 008 FWK, 1-4 cr
- 30351 009 FWK, 1-4 cr

- 5101 Human Behavior in the Social Environment**  
(A-F; prereq MSW student or instr consent)
- 28071 001 DIS, 06:00pm-08:50pm Th, BohH 112; , 3 cr

- 5111 Grant Writing in the Human Services**  
(max crs 2; A-F; prereq Jr or sr or Grad or instr consent)
- 32151 001 LEC, 12:00pm-01:50pm Th, BohH 112; This will be a hybrid course and specific information regarding face to face course time and computer time will be discussed in the first class meeting., 1-2 cr
- 5201 Social Welfare Policy**  
(A-F; prereq MSW student or instr consent)
- 28132 001 LEC, 02:00pm-04:50pm Th, BohH 112; , 3 cr
- 5280 Addressing Alcohol Related Problems in Social Work Practice**  
(max crs 2; prereq Jr or Sr or Grad or instr consent)
- 34243 350 LEC; (Online Instruction. Students must register by 9/6/11 and complete all requirements by 12/16/11. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. Open CE reserved seats will be available to UMD students on August 30, 2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Garrison, Johanna Mary, 1-2 cr
- 5990 Pre-Field Work**  
(NGA)
- 31178 001 FWK, 0 cr
- 8102 Advanced Research**  
(A-F; prereq 8101 or admission to advanced standing MSW program)
- 28135 001 SEM, 02:00pm-04:50pm Th, HH 216; , 3 cr
- 8111 Individual, Family and Group Practice I**  
(A-F; prereq SW grad student or instr consent)
- 28139 001 LEC, 01:00pm-03:50pm F, BohH 112; , 3 cr
- 8235 American Indians and Social Policy**  
(A-F only; prereq 5201 or advanced standing MSW program or instr consent; credit will not be granted if already received for 5235)
- 29823 001 LEC, 06:00pm-08:50pm Th, BohH 343; , 3 cr
- 8331 Organization and Community Practice II**  
(A-F; prereq 5101, 8112 or Advanced Standing in MSW program)
- 29821 001 LEC, 02:00pm-03:50pm F, BohH 343; , 3 cr  
29822 002 LEC, 02:00pm-03:50pm F, LSBE 165; , 3 cr
- 8441 Individual, Family and Group Practice II**  
(A-F; prereq 5101, 8112 or advanced standing MSW student)
- 28131 001 LEC, 04:00pm-06:50pm F, BohH 112; , 3 cr  
29991 002 LEC, 04:00pm-06:50pm F, BohH 343; , 3 cr
- 8443 Advanced Practice in Mental Health**  
(A-F; prereq 8441)
- 32150 001 LEC, 09:00am-11:50am F, BohH 343; , 3 cr
- 8801 Field Placement I**  
(max crs 6; S-N; prereq 8111, 8112; SW Grad student, instr consent)
- 28750 001 IEX, 04:00pm-05:30pm F, BohH 104; , 3-6 cr  
28751 002 IEX, 04:00pm-05:30pm F, BohH 108; , 3-6 cr
- 8802 Field Placement II**  
(max crs 8; S-N; prereq Concurrent registration is required (or allowed) in 8031 or 8332 or 8443 or 8544, SW Grad Student and instr consent)
- 28752 001 PRC, 12:00pm-01:30pm F, Library 409; , 3-8 cr  
28753 002 PRC, 12:00pm-01:30pm F, Chem 153; , 3-8 cr

## SOCIOLOGY (Soc) College of Liberal Arts

- 1101 Introduction to Sociology**  
(A-F only; meets LECD req of LECD CAT06)
- 28009 001 LEC, 10:00am-10:50am MTWTh, LSci 175; Janssen, Susan L, 4 cr  
28010 090 LEC, 06:00pm-09:30pm W, Cina 224; (Open CE reserved seats will be available to UMD students on August 30, 2011.); Gittings, Ronald F, 4 cr
- 1400 Alcohol and College Life**  
(A-F only; prereq Freshman or Sophomore status)
- 29883 @500 INI, instruction mode: Distance Education Other; Perry, Lauretta Marie, 1 cr  
30925 @501 INI, instruction mode: Distance Education Other; Perry, Lauretta Marie, 1 cr
- 2155 Introduction to Research Methods and Analysis**  
(A-F only; prereq 1101 or CRIM 1301, min 15 cr, soc major or minor or crim major or URS major)
- 29719 001 LEC, 08:00am-08:50am MTWTh, Cina 102, 10:00am-10:50am TTh, MonH 70; Mork, Bruce, 4 cr  
29720 002 LEC, 11:00am-11:50am MTWTh, ABAH 235; Mork, Bruce, 4 cr  
29884 090 LEC, 05:00pm-08:40pm T, Cina 102; (Open CE Reserve seats will be available to UMD students 08/30/11.); 6 seats reserved for Continuing Education; Janssen, Susan L, 4 cr
- 3155 Quantitative Research Methods and Analysis**  
(A-F only; prereq 2155, crim major or soc major or URS major, min 30 cr)
- 29880 001 LEC, 01:00pm-01:50pm MTWTh, H 480; Janssen, Susan L, 4 cr  
29881 002 LEC, 11:00am-12:50pm TTh, Cina 106; Maahs, Jeffrey Robert, 4 cr
- 3156 Qualitative Research Methods and Analysis**  
(A-F only; prereq [[2155 or anth major or urs major or cst minor], at least 60 cr] or instr consent)
- 29882 001 LEC, 02:00pm-03:50pm MW, Cina 224; Wilson, Janelle L, 4 cr
- 3306 Deviance**  
(A-F only; prereq 1101 or CRIM 1301, min 15 cr)
- 30475 001 LEC, 11:00am-12:15pm TTh, Cina 224; Wilson, Janelle L, 3 cr
- 3821 Sociology of Community**  
(A-F only; prereq 30 cr or instr consent)
- 31348 001 LEC, 12:00pm-01:15pm MW, Cina 224; Martin, Daniel D., 3 cr
- 3901 Social Change and Social Policy**  
(A-F only; prereq 30 cr or instr consent)
- 29307 001 LEC, 02:00pm-02:50pm MWF, Cina 202; Mork, Bruce, 3 cr
- 3945 Social Stratification**  
(A-F only; prereq 1101 or CRIM 1301 or CSt 1101 or Anth 1604, min 30 cr or instr consent)
- 29604 001 LEC, 09:30am-10:45am TTh, Cina 224; Grana, Sheryl Judith, 3 cr
- 4111 Sociological Theory**  
(A-F only; prereq 1101, 30 cr, no Grad School cr; credit will not be granted if already received for SOC 2111.)
- 28057 001 LEC, 10:00am-11:50am MW, Cina 224; Hamlin, John E, 4 cr  
29306 090 LEC, 05:00pm-08:30pm M, Cina 224; (Open CE Reserve seats will be available to UMD students 08/30/11.); 6 seats reserved for Continuing Education; Hamlin, John E, 4 cr
- 4587 Internship Preparation**  
(A-F only; prereq (1101, CRIM 1301, CRIM 2311, 2155) or (1101 or 2155), soc or crim major, min 60 cr, no Grad School cr)
- 28681 001 IEX, 11:00am-11:50am M, H 314; Weidner, Robert R, 1 cr

- 4597 Internship**  
(max crs 16; S-N only; prereq instr consent, soc or crim major, 4587, WRIT 31xx; no Grad School cr)
- 28059 001 IEX, 03:30pm-04:45pm M, Cina 102, 09/12/11-09/12/11, 03:30pm-04:45pm M, Cina 102, 10/31/11-10/31/11, 03:30pm-04:45pm M, Cina 102, 12/12/11-12/12/11; (meets 3 times) Sept 12, Oct 31 and Dec 12; Weidner, Robert R, 6-8 cr
- 4982 Political Sociology and the Global Economy**  
(A-F only; prereq 60 cr or instr consent or Grad School student)
- 31351 001 LEC, 08:00am-09:50am MW, Cina 224; Hamlin, John E, 4 cr
- 4991 Independent Study in Sociology**  
(max crs 6; 6 repeats allowed; A-F only; prereq instr consent; maximum 6 credits allowed between SOC 4991 and CRIM 4391)
- 28682 001 IND; Weidner, Robert R; Martin, Daniel D., 1-6 cr
- 4997 Teaching Assistantship in Sociology**  
(max crs 3; 3 repeats allowed; A-F; prereq 60 cr, instr consent; no Grad School cr; maximum 3 credits allowed between SOC 4997 and CRIM 4397)
- 29198 001 LEC; Mork, Bruce; Janssen, Susan L; Grana, Sheryl Judith; Wolf JD, Dale A, 1-3 cr
- 4999 Honors Project Sociology**  
(max crs 8; A-F only; prereq 90 cr, approval by dept honors program director; no Grad School credit; maximum 8 credits allowed between SOC 4999 and CRIM 4399; meets HON req of Honors)
- 28683 001 DRS; Wilson, Janelle L, 1-4 cr

## SPANISH (Span) College of Liberal Arts

- 1101 Beginning Spanish I**  
(A-F only; prereq Little or no prior formal study of this language, or instr consent; meets LE req of LE CAT3)
- 27995 001 LEC, 08:00am-08:50am MTThF, H 490; , 4 cr  
32131 002 LEC, 02:00pm-02:50pm MTThF, H 468, 4 cr
- 1201 Intermediate Spanish I**  
(A-F only; prereq 3-4 yrs high school Span or 1102 or instr consent; meets LE req of LE CAT3)
- 27996 001 LEC, 09:00am-09:50am MTThF, H 490; , 4 cr  
27997 002 LEC, 10:00am-10:50am MTThF, DAdB 16A; , 4 cr  
27998 003 LEC, 01:00pm-01:50pm MTThF, H 464; , 4 cr  
29357 004 LEC, 03:00pm-03:50pm MTThF, H 464; Tobin Stanley, Maureen, 4 cr
- 2301 Advanced Spanish**  
(A-F only; prereq 5 yrs high school Span or 1202 or instr consent; meets LEIP req of LEIP CAT03)
- 27999 001 LEC, 09:00am-09:50am MTThF, H 468; , 4 cr  
28000 002 LEC, 10:00am-10:50am MTThF, H 468; Caceres Garcia, J, 4 cr  
29229 003 LEC, 01:00pm-01:50pm MTThF, H 490; Tobin Stanley, Maureen, 4 cr  
29696 004 LEC, 03:00pm-03:50pm MTThF, H 490; , 4 cr
- 4017 Hispanic American Cinema and Culture**  
(A-F only; prereq 2301 with C or better or instr consent, no Grad School cr)
- 32133 001 LEC, 12:00pm-12:50pm MTThF, H 490, 4 cr
- 4022 Medieval to Early Modern Spain**  
(A-F only; prereq 2301 with C or better or instr consent, this course taught in Spanish, no Grad School cr)
- 32135 001 LEC, 02:00pm-02:50pm MTThF, H 490; Caceres Garcia, J, 4 cr
- 4091 Independent Study**  
(max crs 8; 8 repeats allowed; A-F only; prereq 2301 with C or better or instr consent; no Grad School credit)
- 28001 001 IND; Caceres Garcia, J; Tobin Stanley, Maureen, 1-4 cr

**SPECIAL EDUCATION (SpEd)****College of Education & Human Service Professions**

**3103 Infants and Toddlers with Special Needs**  
(Credit will not be granted if credit has been received for: SPED 5103; A-F only; prereq UECH major or instr consent)

33250 450 LEC Su, Room TBA, instruction mode: Distance Education and On-Site, 4 cr

**3105 Young Children with Special Needs: Ages Three-Eight**

(Credit will not be granted if credit has been received for: SPED 5105; A-F only; prereq instr consent)

29017 001 LEC, 04:00pm-07:50pm W, SBE 16; Practicum arr; , 4 cr

**3106 Working with Young Children with Low Incidence Disabilities**

(A-F only; prereq Admission to the UECh program)

29918 001 LEC, 10:00am-12:50pm M, Room TBA, DULUTH; Marchel, Mary A, 4 cr

**3109 Working with Challenging Behavior in Young Children**

(A-F only; prereq Admission to the UECh program)

29919 001 LEC, 01:00pm-03:15pm T, Room TBA, DULUTH; Additional course hours will be required in an online learning environment.; , 3 cr

33249 450 LEC S, Room TBA, instruction mode: Distance Education and On-Site, 3 cr

**3415 Special Education in the Secondary School (A-F)**

30814 001 LEC, 08:00am-09:15am TTh, SBE 17; Additional course hours will be required in an on-line learning environment.; , 3 cr

30815 002 LEC, 01:00pm-01:50pm TTh, SBE 16; Additional course hours will be required in an on-line learning environment.; , 3 cr

**4270 Methods for Teaching Children and Youth with Autism Spectrum Disorders**

(Credit will not be granted if credit has been received for: SPED 5270; A-F only; prereq 4250 or 5250 or instr consent, no Grad School cr)

34228 350 LEC; (Online Instruction-offered concurrently with SpEd 5270. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. Open CE reserved seats will be available to UMD students on August 30, 2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Ferguson, Peg, 4 cr

**4310 Response to Intervention in the General Education Classroom**

(A-F only; prereq IESE candidate, post bac special education; credit will not be granted if already received for 5310)

29255 001 LEC, 08:00am-10:45am TTh, Engr 280; , 4 cr

33204 002 LEC, 11:00am-12:50pm TTh, Engr 280; , 4 cr

33205 003 LEC, 08:00am-09:50am MF, Cina 106; , 4 cr

33206 004 LEC, 10:00am-11:50am MF, Cina 106; , 4 cr

**4381 Classroom and Behavior Management**

(Credit will not be granted if credit has been received for: SPED 5381; A-F only; prereq 4433, IESE or postbac sped; no Grad School cr)

29410 001 LEC, 05:00pm-08:15pm T, SBE 51; Course meets with SpEd 5381-1.; Meets with: 29189 SPED 5381; Hughes, Trudie Ann, 4 cr

33211 002 LEC, 05:00pm-08:15pm Th, SBE 51; Meet with SpEd 5381-2; Meets with: 33213 SPED 5381; Hughes, Trudie Ann, 4 cr

**4433 Foundations in Special Education**

(Credit will not be granted if credit has been received for: SPED 5433; A-F only; prereq Min 45 cr, postbac grad or sped minor, no Grad School cr)

29411 001 LEC, 05:00pm-07:40pm W, SBE 17; Course meets with SpEd 5433.; Meets with: 29190 SPED 5433; , 4 cr

29427 350 LEC; (Online instruction - offered concurrently with SpEd 5433. Students must complete all course requirements regardless of start date by December 16, 2011. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course.</a> Open CE reserved seats will be available to UMD students on August 30, 2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Nierengarten EdD, Gerry, 4 cr

**4435 Parent and Professional Communication and Collaboration**

(Credit will not be granted if credit has been received for: SPED 5435; A-F only; prereq 4433, 45 cr, postbac or sped minor or instr consent, no Grad School cr)

29412 001 LEC, 08:00am-12:00pm S, SBE 16, 09/17/11-09/17/11, 08:00am-12:00pm S, SBE 16, 10/15/11-10/15/11, 08:00am-12:00pm S, SBE 16, 11/19/11-11/19/11, 08:00am-12:00pm S, SBE 16, 12/03/11-12/03/11; Class meets Saturday, Sept. 17, Oct. 16, Nov. 19, and Dec. 3, 2011; class meets with SpEd 5435-1. Additional course hours will be conducted in an online learning environment.; Meets with: 28792 SPED 5435; , 4 cr

33212 002 LEC, 01:00pm-05:00pm S, SBE 16, 09/17/11-09/17/11, 01:00pm-05:00pm S, SBE 16, 10/15/11-10/15/11, 01:00pm-05:00pm S, SBE 16, 11/19/11-11/19/11, 01:00pm-05:00pm S, SBE 16, 12/03/11-12/03/11; Class meets Saturday, Sept. 17, Oct. 16, Nov. 19, and Dec. 3, 2011; class meets with SpEd 5435-2. Additional course hours will be conducted in an online learning environment.; Meets with: 33214 SPED 5435; , 4 cr

**4600 Student Teaching**

(max crs 12; S-N only; prereq Postbac or instructor consent, no Grad School credit)

29413 001 PRC, 12 cr

29468 002 PRC; , 6 cr

29673 003 PRC; , 6 cr

30395 004 PRC; , 6 cr

30428 005 PRC; , 3 cr

30431 006 PRC; , 3 cr

**4860 Social and Communication Skills for Individuals with Fetal Alcohol Spectrum Disorder**

(A-F only; prereq 4850 or instr consent)

31747 350 LEC; (Online instruction-offered concurrently with SpEd 5860. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course.</a> Open CE reserved seats will be available to UMD students on August 30, 2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Hyppa Martin, Jolene K, 4 cr

**5270 Methods for Teaching Children and Youth with Autism Spectrum Disorders**

(Credit will not be granted if credit has been received for: SPED 4270; A-F only; prereq 4250 or 5250 or instr consent)

34230 350 LEC; (Online Instruction-offered concurrently with SpEd 5270. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course</a>. Open CE reserved seats will be available to UMD students on August 30, 2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Ferguson, Peg, 4 cr

**5381 Classroom and Behavior Management**

(Credit will not be granted if credit has been received for: SPED 4381; A-F only; prereq 4433, Admission to IESE program, postbac grad)

29189 001 LEC, 05:00pm-08:15pm T, SBE 51; Course meets with SpEd 4381-1; Meets with: 29410 SPED 4381; Hughes, Trudie Ann, 4 cr

33213 002 LEC, 05:00pm-08:15pm Th, SBE 51; Meets with SpEd 4381-2; Meets with: 33211 SPED 4381; Hughes, Trudie Ann, 4 cr

**5433 Foundations in Special Education**

(Credit will not be granted if credit has been received for: SPED 4433; prereq Postbac grad student)

29190 001 LEC, 05:00pm-07:40pm W, SBE 17; Course meets with SpEd 4433; Meets with: 29411 SPED 4433; , 4 cr

29353 350 LEC; (Online instruction - offered concurrently with SpEd 4433. Students must complete all course requirements regardless of start date by December 16, 2011. No exceptions. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course.</a> Open CE reserved seats will be available to UMD students on August 30, 2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Nierengarten EdD, Gerry, 4 cr

**5435 Parent and Professional Communication and Collaboration**

(Credit will not be granted if credit has been received for: SPED 4435; prereq 4433 or 5433, postbac grad or instr consent)

28792 001 LEC, 08:00am-12:00pm S, SBE 16, 09/17/11-09/17/11, 08:00am-12:00pm S, SBE 16, 10/15/11-10/15/11, 08:00am-12:00pm S, SBE 16, 11/19/11-11/19/11, 08:00am-12:00pm S, SBE 16, 12/03/11-12/03/11; Class meets Saturday, Sept. 17, Oct. 16, Nov. 19, and Dec. 3, 2011; class meets with SpEd 4435-1. Additional course hours will be conducted in an online learning environment.; Meets with: 29412 SPED 4435; , 4 cr

33214 002 LEC, 01:00pm-05:00pm S, SBE 16, 09/17/11-09/17/11, 01:00pm-05:00pm S, SBE 16, 10/15/11-10/15/11, 01:00pm-05:00pm S, SBE 16, 11/19/11-11/19/11, 01:00pm-05:00pm S, SBE 16, 12/03/11-12/03/11; Class meets Saturday, Sept. 17, Oct. 16, Nov. 19, and Dec. 3, 2011; class meets with SpEd 4435-2. Additional course hours will be conducted in an online learning environment.; Meets with: 33212 SPED 4435; , 4 cr

**5600 Student Teaching**

(max crs 12; 12 repeats allowed; S-N only; prereq Instructor consent; no Grad School credit)

28626 001 PRC, 6 cr

29626 002 PRC; 3 cr

**5860 Social and Communication Skills for Individuals with Fetal Alcohol Spectrum Disorder**

(A-F only; prereq 5850 or instr consent)

31748 350 LEC; (Online instruction-offered concurrently with SpEd 4860. Initial course information is available at <a href="http://www.d.umn.edu/goto/ceonline">Getting Started On Your Online Course.</a> Open CE reserved seats will be available to UMD students on August 30, 2011.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Hyppa Martin, Jolene K, 4 cr

**5991 Independent Study**

(max crs 6; 6 repeats allowed; A-F only; prereq dept consent)

28793 001 IND; , 1-6 cr

31902 002 IND; , 1-6 cr

**STATISTICS (Stat)****Swenson College of Science & Engineering**

**1411 Introduction to Statistics**

(A-F only; prereq Math ACT 22 or higher or a grade of at least C- in Math 1005 or dept consent; meets LE req of LE CAT2)

29598 001 LEC, 03:00pm-03:50pm MWF, Chem 155; Green, Richard F, 3 cr

**2411 Statistical Methods**

(A-F only; prereq Math ACT 23 or higher or a grade of at least C- in Math 1250 or higher or dept consent; meets LE req of LE CAT2)

28431 001 LEC, 12:00pm-12:50pm MWF, Cina 102; , 3 cr

31619 002 LEC, 02:00pm-02:50pm MWF, Cina 102; Colt, Diana Lynn, 3 cr



<b>3411 Engineering Statistics</b> (A-F only; prereq MATH 1297, cannot be applied to a math or statistics major)	28023 011 LEC, 10:00am-10:50am F, SCC 21; , 1 cr	30592 050 LEC, 01:00pm-01:50pm T, SCC 120; Reserved for International students; 25 seats reserved for International Students; , 1 cr
29950 001 LEC, 09:00am-09:50am MWF, Cina 308; , 3 cr	28024 012 LEC, 11:00am-11:50am Th, SpHC 210; , 1 cr	30593 051 LEC, 11:00am-11:50am M, Engr 118; Reserved for SCSE students; 25 seats reserved for CSE students; , 1 cr
30692 002 LEC, 10:00am-10:50am MWF, Chem 155; , 3 cr	28025 013 LEC, 02:00pm-02:50pm Th, SCIV 231; , 1 cr	30594 052 LEC, 10:00am-10:50am W, SBE 40; Reserved for CEHSP/ECh/EIEEd students; 25 seats reserved for UECH/EL/MID/SEC Education, 1 cr
<b>3611 Introduction to Probability and Statistics</b> (A-F only; prereq A grade of at least C- in Math 1290 or Math 1296)	28026 014 LEC, 10:00am-10:50am F, BohH 104; , 1 cr	30595 053 LEC, 10:00am-10:50am T, SpHC 207; Reserved for CEHSP/ECh/EIEEd students; 25 seats reserved for UECH/EL/MID/SEC Education; , 1 cr
28433 001 LEC, 09:00am-09:50am MWThF, Cina 102; Qi, Yongcheng, 4 cr	28027 015 LEC, 01:00pm-01:50pm T, SCC 21; , 1 cr	30596 054 LEC, 10:00am-10:50am T, SBE 50; Reserved for CEHSP/ECh/EIEEd students; 25 seats reserved for UECH/EL/MID/SEC Education; , 1 cr
28434 002 LEC, 11:00am-11:50am MWThF, Cina 102; James, Barry R, 4 cr	28028 016 LEC, 10:00am-10:50am W, Chem 251; , 1 cr	30682 055 LEC, 02:00pm-02:50pm T, MWAH 195, 11:00am-11:50am Th, SBE 20; , 1 cr
29146 003 LEC, 12:00pm-12:50pm MWThF, Chem 251; , 4 cr	29241 017 LEC, 11:00am-11:50am Th, SCC 120; , 1 cr	30683 056 LEC, 02:00pm-02:50pm T, Room TBA, 11:00am-11:50am W, MWAH 191; Class meets in MWAH 195 Tuesdays from 2-2:50.; , 1 cr
31798 004 LEC, 01:00pm-01:50pm MWThF, SBE 32; Green, Richard F, 4 cr	28029 018 LEC, 03:00pm-03:50pm Th, SCC 21; , 1 cr	30700 057 LEC, 02:00pm-02:50pm T, Room TBA, 02:00pm-02:50pm W, H 468; Class meets in MWAH 195 Tuesdays from 2-2:50.; , 1 cr
<b>5411 Analysis of Variance</b> (prereq 2411 or 3411 or 3611)	28030 019 LEC, 10:00am-10:50am T, SCC 21; , 1 cr	30701 058 LEC, 02:00pm-02:50pm T, Room TBA, 12:00pm-12:50pm W, SCC 21; Class meets in MWAH 195 Tuesdays from 2-2:50.; , 1 cr
001 LEC, 12:00pm-12:50pm MW, Cina 202; Qi, Yongcheng	28899 021 LEC, 12:00pm-12:50pm F, SCC 21; , 1 cr	30702 059 LEC, 02:00pm-02:50pm T, Room TBA, 10:00am-10:50am W, BohH 108; Class meets in MWAH 195 Tuesdays from 2-2:50.; , 1 cr
28438 002 LAB, 12:00pm-12:50pm F, KPlz 395; Instructor will determine when to meet in Chem 251 instead of MonH 209.; , 3 cr	28911 022 LEC, 01:00pm-01:50pm T, SBE 20; , 1 cr	30703 060 LEC, 02:00pm-02:50pm T, Room TBA, 03:00pm-03:50pm W, H 464; Class meets in MWAH 195 Tuesdays from 3-3:50.; , 1 cr
<b>5511 Regression Analysis</b> (A-F only; prereq 3611, Math 3280 or Math 4326)	29242 023 LEC, 10:00am-10:50am F, HH 216; , 1 cr	33215 061 LEC, 03:00pm-03:50pm T, MWAH 195, 03:00pm-03:50pm W, H 468, 1 cr
001 LEC, 11:00am-11:50am MW, SBE 50; James, Kang Ling	29013 024 LEC, 04:00pm-04:50pm M, SCC 21; , 1 cr	33216 062 LEC, 03:00pm-03:50pm T, Room TBA, 01:00pm-01:50pm W, SCC 21; Class meets in MWAH 195 Tuesdays from 3-3:50.; 25 seats reserved for LSBE cand students, 1 cr
31409 002 LAB, 11:00am-11:50am F, KPlz 395; Instructor will determine when to meet in Chem 251 instead of MonH 209.; , 3 cr	30167 025 LEC, 11:00am-11:50am W, DAdB 16A; , 1 cr	33217 063 LEC, 03:00pm-03:50pm T, Room TBA, 11:00am-11:50am F, BohH 112; Class meets in MWAH 195 Tuesdays from 3-3:50.; 1 cr
<b>5515 Multivariate Statistics</b> (prereq 5411 or 5511, Math 3280 or Math 4326)	30168 026 LEC, 04:00pm-04:50pm T, SCC 21; , 1 cr	33218 064 LEC, 03:00pm-03:50pm T, Room TBA, 04:00pm-04:50pm W, SpHC 207; Class meets in MWAH 195 Tuesdays from 3-3:50.; 1 cr
33151 001 LEC, 02:00pm-02:50pm MWF, Chem 155; James, Kang Ling, 3 cr	30169 027 LEC, 11:00am-11:50am T, SCC 120; , 1 cr	33219 065 LEC, 03:00pm-03:50pm T, Room TBA, 09:00am-09:50am W, BohH 108; Class meets in MWAH 195 Tuesdays from 3-3:50.; 1 cr
<b>5571 Probability</b> (A-F only; prereq 3611, Math 3298)	30170 028 LEC, 02:00pm-02:50pm T, SBE 20; , 1 cr	33220 066 LEC, 03:00pm-03:50pm T, Room TBA, 04:00pm-04:50pm W, SpHC 210; Class meets in MWAH 195 Tuesdays from 3-3:50.; 1 cr
28441 001 LEC, 01:00pm-01:50pm MWThF, Cina 202; James, Barry R, 4 cr	30171 029 LEC, 03:00pm-03:50pm M, SBE 50; , 1 cr	<b>1052 College Writing Strategies</b> (Credit will not be granted if credit has been received for: MED 1004; S-N only)
<b>8444 FTE: Doctoral</b> (NGA; prereq Doctoral student, adviser and DGS consent)	30172 030 LEC, 11:00am-11:50am W, BohH 108; , 1 cr	27990 001 LEC, 10:00am-11:50am MW, SCC 21, 09/06/11-10/21/11; Reierson, Shirley A, 2 cr
28959 001 DRS; Regal, Ronald Ray, 1 cr	30173 031 LEC, 10:00am-10:50am T, SBE 20; , 1 cr	27991 002 LEC, 10:00am-11:50am MW, SCC 21, 10/24/11-12/16/11; Reierson, Shirley A, 2 cr
<b>8888 Thesis Credits: Doctoral</b> (max crs 100; 10 repeats allowed; NGA; prereq max 18 cr per semester or summer; 24 cr required)	30012 034 LEC, 01:00pm-01:50pm Th, SCC 120; , 1 cr	30676 003 LEC, 12:00pm-12:50pm TTh, SCC 21; Jackson, Matthew, 2 cr
28996 001 THE; Regal, Ronald Ray, 1-24 cr	30176 035 LEC, 03:00pm-03:50pm W, BohH 112; 25 seats reserved for Students of Color; , 1 cr	30859 004 LEC, 02:00pm-02:50pm TTh, SCC 21; Jackson, Matthew, 2 cr
<b>SUPPORTIVE SERVICES PROGRAM (SSP)</b> <b>Achievement Center</b>	30013 036 LEC, 09:00am-09:50am W, Room TBA, 08/15/11-09/02/11; UMD Athletes Only; , 1-2 cr	31737 005 LEC; For multilingual students, 2 cr
<b>103 Basic Mathematics and Introductory Algebra</b> (S-N only; prereq [3 cr equiv]; Credit will not be received if credit granted for Math 1004; cannot apply cr toward a degree. (the preparatory course fee is equal to 3 credits of resident tuition))	30177 037 LEC, 02:00pm-02:50pm Th, Room TBA, 08/15/11-09/02/11; UMD Athletes Only; 16 seats reserved for SFA majors/minors; , 1-2 cr	<b>1054 College Study Strategies</b> (Credit will not be granted if credit has been received for: MED 1003; S-N only; prereq.)
30166 001 LEC, 09:00am-09:50am MWF, SpHC 208; Zimmermann, Laura Joan, 0 cr	30178 038 LEC, 09:00am-09:50am W, H 464; Reserved for LSBE students; 25 seats reserved for LSBE cand students; , 1 cr	001 LEC, 09:00am-09:50am MF, SCC 21, 09/06/11-10/21/11; Jackson, Matthew
30316 002 LEC, 10:00am-10:50am MWF, Room TBA, DULUTH; Zimmermann, Laura Joan, 0 cr	30179 039 LEC, 04:00pm-04:50pm T, KPlz 312; Reserved for LSBE students; 25 seats reserved for LSBE cand students; , 1 cr	28269 002 DIS, 09:00am-09:50am W, SCC 6, 09/06/11-10/21/11; Jackson, Matthew, 1 cr
<b>1000 UMD Seminar</b> (Credit will not be granted if credit has been received for: CLA 1001; max crs 2; A-F only)	29794 040 LEC, 04:00pm-04:50pm Th, SCC 21; Reserved for LSBE students; 25 seats reserved for LSBE cand students, 1 cr	28270 003 DIS, 09:00am-09:50am W, SCC 21, 09/06/11-10/21/11; Jackson, Matthew, 1 cr
28014 001 LEC, 03:00pm-03:50pm M, SCC 21; , 1 cr	29856 041 LEC, 11:00am-11:50am Th, Room TBA; (Living/Learning section to students living in Griggs Hall and who meet the May 1 housing priority deadline. Meets in Griggs P-Q Lounge); , 1-2 cr	28271 004 DIS, 09:00am-09:50am W, H 468, 09/06/11-10/21/11; Jackson, Matthew, 1 cr
28015 002 LEC, 01:00pm-01:50pm M, SCC 21; , 1 cr	30377 042 LEC, 11:00am-11:50am T, Room TBA; (Living/Learning section to students living in Griggs Hall and who meet the May 1 housing priority deadline. Meets in Griggs P-Q Lounge); , 1-2 cr	28273 005 LEC, 09:00am-09:50am MF, SCC 21, 10/24/11-12/16/11; Jackson, Matthew
30165 003 LEC, 02:00pm-02:50pm M, SCC 21; , 1 cr	30378 043 LEC, 04:00pm-04:50pm T, SCC 120; (For students interested in exploring majors/careers); , 2 cr	28274 006 DIS, 09:00am-09:50am W, SCC 6, 10/24/11-12/16/11; Jackson, Matthew, 1 cr
28016 004 LEC, 03:00pm-03:50pm M, BohH 112; , 1 cr	30379 044 LEC, 04:00pm-05:40pm W, LSBE 265; (For students interested in exploring majors/careers); , 2 cr	28275 007 DIS, 09:00am-09:50am W, SCC 21, 10/24/11-12/16/11; Jackson, Matthew, 1 cr
28017 005 LEC, 08:00am-08:50am T, SCC 21; , 1 cr	30425 045 LEC, 04:00pm-04:50pm W, SCC 21; Reserved for SFA/Theatre students; 25 seats reserved for Theatre major or minor; , 1 cr	28275 008 DIS, 09:00am-09:50am W, H 468, 10/24/11-12/16/11; Jackson, Matthew, 1 cr
28018 006 LEC, 01:00pm-01:50pm Th, SCC 21; , 1 cr	30426 046 LEC, 10:00am-10:50am T, Engr 118; Reserved for SFA/Art/Art Ed students; 25 seats reserved for Art/art ed maj or min; , 1 cr	<b>1101 Personal Development</b> (A-F only)
28019 007 LEC, 12:00pm-12:50pm M, SCC 21; , 1 cr	30589 047 LEC, 09:00am-09:50am W, H 490; Reserved for SFA Art/Art Ed students; 25 seats reserved for Art/art ed maj or min; , 1 cr	001 LEC, 11:00am-11:50am T, SCC 21; Reierson, Shirley A
28020 008 LEC, 09:00am-09:50am Th, SCC 21, 1 cr	30590 048 LEC, 02:00pm-02:50pm Th, ABAH 245; Reserved for SFA Art/Art Ed students; 25 seats reserved for Art/art ed maj or min; , 1 cr	28033 002 DIS, 11:00am-11:50am Th, SCC 6; Reierson, Shirley A, 2 cr
28021 009 LEC, 11:00am-11:50am F, SCC 21; , 1 cr	30591 049 LEC, 11:00am-11:50am M, BohH 343; Reserved for SFA/Music students; 25 seats reserved for Music majors and minors; , 1 cr	
28022 010 LEC, 09:00am-09:50am W, SBE 36; , 1 cr		

28034	003 DIS, 11:00am-11:50am Th, H 490; Reierson, Shirley A, 2 cr	28163	002 STU, 10:00am-11:15am MWF, MPAC 1; Ufema, Kate, 3 cr	2801	<b>Play Analysis: Dramatic Theory and Theatre Research</b> (A-F only; prereq 1001 or 1801)
28035	004 DIS, 11:00am-11:50am Th, H 468; Reierson, Shirley A, 2 cr	1299	<b>Theatre Marketing/Management Practicum</b> (max crs 6; 3 repeats allowed; A-F only; prereq Th major or minor)	31694	001 LEC, 10:00am-11:15am TTh, MPAC 49; Payne, William Eugene, 3 cr
28036	005 DIS, 11:00am-11:50am Th, H 464; Reierson, Shirley A, 2 cr	29590	001 LAB; Morgan, Sherise Alison, 2 cr	3099	<b>Theatre Practicum II</b> (max crs 12; 6 repeats allowed; A-F only)
3002	<b>SSP Teaching Assistantship Practicum</b> (max crs 6; 6 repeats allowed; A-F only; prereq instr consent)	1301	<b>Stagecraft</b> (A-F only; prereq 1801 or instr consent)	29594	001 LAB; Katz Harwood, Rebecca; Isbell, Tom K; Bergeron, Ann Aiko; Payne, William Eugene; Ufema, Kate, 2 cr
28037	001 PRC; (SS); Jackson, Matthew, 1-3 cr	29563	001 LEC, 09:00am-09:50am MWF, MPAC 51; (practicum arranged); Heil, John E	3112	<b>Improvisation for the Theatre</b> (A-F only; prereq instr consent)
28038	002 PRC, 11:00am-11:50am F, SCC 6; (PD); Reierson, Shirley A, 1-3 cr	29564	002 LAB, 10:00am-11:50am MWF, MPAC 130; Heil, John E, 5 cr	30007	001 STU, 03:00pm-04:15pm MWF, MPAC 1; Isbell, Tom K, 3 cr
28749	003 PRC, 05:00pm-06:50pm MTWTh, SCC 6; (SI - Biology); Strand, Jill R, 1-3 cr	29565	003 LAB, 01:00pm-02:50pm MWF, MPAC 130; Heil, John E, 5 cr	3151	<b>Stage Combat/Circus</b> (A-F only; prereq 0901 or instr consent)
28877	004 PRC; (US); Perry-Spears, Megan Joy, 1-3 cr	29567	004 LAB, 03:00pm-04:50pm MWF, MPAC 130; Heil, John E, 5 cr	29948	006 LAB, 02:00pm-04:50pm TTh, MPAC 130; Heil, John E, 5 cr
3003	<b>Tutor Training: Individualization of Instruction</b> (A-F; prereq instr consent)	1351	<b>Stage Rendering Techniques</b> (A-F only; prereq 1801 or instr consent)	3201	<b>Stage Direction</b> (A-F only; prereq 1112, 60 cr, Th major or minor or instr consent)
28484	001 LEC, 02:00pm-03:50pm W, SCC 21; Strand, Jill R, 2 cr	28439	001 STU, 10:00am-11:50am TTh, MPAC 51; Meets with: 30896 TH 3352; Phillips, Curtis J, 3 cr	28310	001 STU, 01:00pm-02:50pm TTh, MPAC 49; Payne, William Eugene, 3 cr
28485	002 LEC, 10:00am-11:50am Th, SCC 21; Strand, Jill R, 2 cr	1399	<b>Scenery and Properties Practicum</b> (max crs 6; 3 repeats allowed; A-F only; prereq Th major or minor)	3352	<b>Stage Rendering Techniques II</b> (A-F only; prereq 1351)
3004	<b>Tutor Practicum</b> (max crs 3; 3 repeats allowed; A-F; prereq 3003 or instr consent)	29591	001 LAB; Phillips, Curtis J, 2 cr	30896	001 STU, 10:00am-11:50am TTh, MPAC 51; Meets with: 28439 TH 1351; Phillips, Curtis J, 3 cr
28477	001 PRC; Global Languages; Reierson, Shirley A, 1-2 cr	1401	<b>Costume Construction I</b> (A-F only; prereq 1801 or instr consent)	3699	<b>Production Management</b> (max crs 12; 6 repeats allowed; A-F only; prereq instr consent)
28478	002 PRC; Business/Economics/Accounting; Reierson, Shirley A, 1-2 cr	29568	001 LEC, 09:00am-09:50am MWF, MPAC 30; (practicum arr); Piotrowski, Laura Kay	29595	001 LAB; Harvey, Mark A; Phillips, Curtis J; Dennis, Patricia, 2 cr
28479	003 PRC, 05:00pm-07:00pm MTWTh, SCC 21; Chemistry; Reierson, Shirley A, 1-2 cr	29569	002 LAB, 10:00am-11:50am MWF, MPAC 30; Piotrowski, Laura Kay, 5 cr	3991	<b>Independent Study in Theatre</b> (max crs 6; 6 repeats allowed; A-F only; prereq instr consent; undergrads max 6 cr in 3991 and 5991 combined)
28480	004 PRC; Mathematics; Reierson, Shirley A, 1-2 cr	29570	003 LAB, 01:00pm-02:50pm MWF, MPAC 30; Piotrowski, Laura Kay, 5 cr	28404	001 IND; Dennis, Patricia, 1-3 cr
28481	005 PRC; Physics; Reierson, Shirley A, 1-2 cr	29571	004 LAB, 03:00pm-04:50pm MWF, MPAC 30; Piotrowski, Laura Kay, 5 cr	4151	<b>Acting V: Senior Studio</b> (A-F only; prereq instr consent; no Grad School credit)
28482	006 PRC; Writing; Reierson, Shirley A, 1-2 cr	29572	005 LAB, 10:00am-12:50pm TTh, MPAC 30; Piotrowski, Laura Kay, 5 cr	28409	001 STU, 03:00pm-04:15pm MWF, MPAC 49; Bergeron, Ann Aiko, 3 cr
28483	007 PRC; Computer Science; Reierson, Shirley A, 1-2 cr	29572	006 LAB, 02:00pm-04:50pm TTh, MPAC 30; Piotrowski, Laura Kay, 5 cr	4331	<b>Scenic Design II</b> (A-F only; prereq 3331)
<b>THEATRE (Th)</b>					
<b>School of Fine Arts</b>					
901	<b>B.F.A. Qualifying Presentation</b> (S-Nonly; prereq Department consent)	1451	<b>Stage Makeup</b> (A-F only; prereq 1801 or instr consent)	28409	001 STU, 03:00pm-04:15pm MWF, MPAC 49; Bergeron, Ann Aiko, 3 cr
28308	001 DIS; Dennis, Patricia, 0 cr	28176	001 LEC, 02:00pm-03:50pm TTh, MPAC 21; Dennis, Patricia, 3 cr	4331	<b>Scenic Design II</b> (A-F only; prereq 3331)
1001	<b>Introduction to Theatre Arts</b> (A-F only; meets LE req of LE CAT9)	1499	<b>Costume Practicum</b> (max crs 6; 3 repeats allowed; A-F only; prereq Th major or minor)	30268	001 LEC, 12:00pm-01:50pm TTh, MPAC 51; Phillips, Curtis J, 3 cr
28151	001 LEC, 09:00am-09:50am MWF, ABAH 235; Grussendorf, Kelly Ann, 3 cr	29601	001 LAB; Dennis, Patricia, 2 cr	4351	<b>Portfolio Preparation and Presentation</b> (A-F only; prereq instr consent; no Grad School credit)
29124	002 LEC, 11:00am-11:50am MWF, Engr 290; Harvey, Mark A, 3 cr	1501	<b>Stage Lighting I</b> (A-F only; prereq 1001 or 1801 or instr consent)	29125	001 LEC, 10:00am-10:50am MWF, MPAC 51; Harvey, Mark A; ; Phillips, Curtis J, 3 cr
1051	<b>Introduction to Film</b> (A-F only; meets LE req of LE CAT9)	29777	001 LEC, 01:00pm-01:50pm MWF, MPAC 51; (practicum arr); Harvey, Mark A	4399	<b>Theatre: Special Projects</b> (max crs 12; 12 repeats allowed; A-F only; prereq instr consent)
28174	001 LEC, 02:00pm-03:50pm TTh, BohH 90; Isbell, Tom K, 3 cr	29778	002 PRC, 02:00pm-03:50pm MWF, Room TBA; Harvey, Mark A, 4 cr	28412	001 DIS; Harvey, Mark A; Dennis, Patricia; Phillips, Curtis J; Isbell, Tom K; Bergeron, Ann Aiko; Ufema, Kate; Katz Harwood, Rebecca; Payne, William Eugene, 1-2 cr
1053	<b>Film and Society</b> (A-F only; meets LE req of LE CAT9)	29779	003 PRC, 11:00am-01:50pm TTh, Room TBA; Harvey, Mark A, 4 cr	4801	<b>History of the Theatre I</b> (A-F only; prereq 3801 or instructor consent)
29810	001 LEC, 04:00pm-05:50pm TTh, Cina 308; (Open CE Reserve seats will be available to UMD students 08/31/10.); 4 seats reserved for Continuing Education; Stanfield, Mark, 3 cr	1599	<b>Lighting/Sound Practicum</b> (max crs 3; 3 repeats allowed; A-F only; prereq Th major or minor)	28415	001 LEC, 11:00am-11:50am MWF, LSBE 265; Grussendorf, Kelly Ann, 3 cr
1099	<b>Theatre Practicum I</b> (max crs 6; 6 repeats allowed; A-F only; meets LE req of LE CAT10)	29592	001 LAB; Harvey, Mark A, 1 cr	4901	<b>Intern Teaching in Theatre</b> (max crs 9; 3 repeats allowed; A-F only; prereq instr consent, no Grad School credit)
29589	001 LAB; Isbell, Tom K; Payne, William Eugene; Harvey, Mark A; Ufema, Kate; Bergeron, Ann Aiko; Katz Harwood, Rebecca, 1 cr	1801	<b>Elements of Theatre</b> (A-F only; prereq th major)	28429	001 DIS; Isbell, Tom K; Payne, William Eugene; Bergeron, Ann Aiko; Dennis, Patricia; Katz Harwood, Rebecca; Ufema, Kate, 3 cr
1111	<b>Acting Fundamentals I</b> (A-F only; prereq Not open to BFA Th majors; meets LE req of LE CAT10)	28178	001 LEC, 03:00pm-03:50pm MWF, BohH 346; Payne, William Eugene, 3 cr	5991	<b>Independent Study in Theatre</b> (max crs 6; 6 repeats allowed; A-F only; prereq Sr, dept consent; undergrads max 6 cr in 3991 and 5991 combined; no Grad School credit)
28155	001 STU, 12:00pm-01:15pm MWF, MPAC 21; Cash, Beth Joy, 3 cr	2112	<b>Acting II: American Realism</b> (A-F only; prereq instr consent)	28430	001 IND; Dennis, Patricia, 1-3 cr
28156	002 STU, 10:00am-11:50am TTh, MPAC 1; (Open CE Reserve seats will be available to UMD students 8/31/10.); 1 seat reserved for Continuing Education; Grussendorf, Kelly Ann, 3 cr	2118	<b>Speech for the Actor</b> (A-F only; prereq instr consent)	5997	<b>Internship in Professional Theatre</b> (max crs 12; 12 repeats allowed; S-N only; prereq dept consent; 1 cr for each 45 hrs work; no Grad School credit)
1118	<b>Voice and Movement for the Actor</b> (A-F only; prereq instr consent)	28307	001 STU, 11:30am-12:45pm MWF, MPAC 1; Ufema, Kate, 3 cr	28432	001 IEX; Dennis, Patricia, 1-12 cr

**TOXICOLOGY (Txc)****Duluth School of Medicine**

- 5000 Directed Research in Toxicology**  
(max crs 16; 16 repeats allowed; S-N only; prereq instr consent)  
29862 001 LAB; Wallace, Kendall B., 1-4 cr
- 5013 Chemical Toxicology**  
(A-F only; prereq 5012, instr consent ; credit will not be granted if already received for 8013)  
31869 001 LEC, 03:00pm-04:30pm TTh, Room TBA; Meets with: 29608 TXCL 8013; Wallace, Kendall B., 3 cr
- 8012 Advanced Toxicology I**  
(A-F only; prereq 5011, Chem 4341 or instr consent)  
30942 001 LEC; Wallace, Kendall B., 3 cr
- 8013 Advanced Toxicology II**  
(A-F only; prereq 8012, Chem 4342, Phsl 5601 or instructor consent)  
29608 001 LEC, 03:00pm-04:30pm TTh, Room TBA; Meets with: 31869 TXCL 5013; Wallace, Kendall B., 3 cr
- 8100 Investigative Toxicology**  
(max crs 2; A-F only; prereq 8013 or instructor consent)  
29609 001 SEM; Wallace, Kendall B., 1 cr
- 8333 FTE: Master's**  
(NGA; prereq Masters student, adviser and DGS consent)  
28950 001 DRS; Wallace, Kendall B., 1 cr
- 8444 FTE: Doctoral**  
(NGA; prereq Doctoral student, adviser and DGS consent)  
28960 001 DRS; Olson, Joan H; Wallace, Kendall B., 1 cr
- 8666 Doctoral Pre-Thesis Credits**  
(max crs 12; NGA; prereq Max 6 cr per semester or summer; doctoral student who has not passed prelim oral; no required consent for the first two registrations up to 12 cr; departmental consent for the third and fourth registrations up to an additional 12 cr, or 24 cr total (for doctoral students admitted summer 2007 and beyond; doctoral students admitted prior to summer 2007 may register up to 4 times totaling 60 cr))  
28967 001 THE; Wallace, Kendall B., 1-6 cr
- 8777 Thesis Credits: Master's**  
(max crs 50; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 10 cr total required (Plan A only))  
28987 001 THE; Wallace, Kendall B., 1-18 cr
- 8888 Thesis Credits: Doctoral**  
(max crs 100; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 24 cr required)  
28997 001 THE; Wallace, Kendall B., 1-24 cr

**URBAN AND REGIONAL STUDIES (URS)****College of Liberal Arts**

- 3097 Internship in Urban and Regional Studies**  
(max crs 8; 8 repeats allowed; S-N; prereq URS major, jr or sr, instr consent)  
29270 001 IEX, 1-6 cr
- 3991 Independent Study in Urban and Regional Studies**  
(max crs 6; prereq instr consent)  
29356 001 IND, 1-4 cr

**WATER RESOURCES SCIENCE (WRS)****Swenson College of Science & Engineering**

- 8333 FTE: Master's**  
(NGA; prereq Masters student, adviser and DGS consent)  
28951 001 DRS; , 1 cr

- 8444 FTE: Doctoral**  
(NGA; prereq Doctoral student, adviser and DGS consent)  
28961 001 DRS, 1 cr
- 8666 Doctoral Pre-Thesis Credits**  
(max crs 12; NGA; prereq Max 6 cr per semester or summer; doctoral student who has not passed prelim oral; no required consent for the first two registrations up to 12 cr; departmental consent for the third and fourth registrations up to an additional 12 cr, or 24 cr total (for doctoral students admitted summer 2007 and beyond; doctoral students admitted prior to summer 2007 may register up to 4 times totaling 60 cr))  
28968 001 THE; , 1-6 cr
- 8777 Thesis Credits: Master's**  
(max crs 50; 10 repeats allowed; NGA; prereq Max 18 cr per semester or summer; 10 cr total required (Plan A only))  
28988 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)  
28998 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 CAT07)  
28012 002 LEC, 02:00pm-04:50pm M, H 480; Ritmeester, Tineke, 3 cr
- 29171 090 LEC, 06:00pm-08:40pm Th, BohH 346; (Open CE reserved seats will be available to UMD students on 08/30/11.); 6 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Woodward, Susana Pelayo, 3 cr
- 2101 Women, Race, and Class**  
(A-F only; meets LECD req of LECD CAT08)  
29065 001 LEC, 09:30am-10:45am TTh, H 480; (Open CE Reserve seats will be available to UMD students 09/01/09.); Kamau, Margaret Njoki, 3 cr
- 3001 Third World Women**  
(A-F only; prereq 1000 or 2101 or instr consent)  
29612 001 LEC, 02:00pm-03:15pm TTh, H 480; Kamau, Margaret Njoki, 3 cr
- 3100 Feminist Theory**  
(A-F only; prereq 1000 or 2101, 45 cr or instr consent)  
29303 001 LEC, 11:00am-12:50pm TTh, H 480; Bartlett, Elizabeth Ann, 4 cr
- 3200 Women's Autobiographies**  
(A-F only)  
29873 001 LEC, 11:00am-01:50pm W, H 490; Ritmeester, Tineke, 3 cr
- 3300 Women and Spirituality**  
(A-F only; prereq 1000 or 2101 or 3150 or 3200 or 3400 or instr consent)  
29629 001 LEC, 03:30pm-06:20pm T, SpHC 207; scheduled in 480 per WS designated classroom. class requires ability for students to move chairs in groups and use floor space.; Bartlett, Elizabeth Ann, 3 cr
- 3400 Women and Film**  
(A-F only)  
29305 001 LEC, 06:00pm-08:40pm W, H 480; Ritmeester, Tineke, 3 cr
- 3775 Tangled Routes: Women, Globalization and Food**  
(prereq 1000 or 2101 or instr consent)  
30916 001 LEC, 02:00pm-04:50pm W, H 480; Kamau, Margaret Njoki, 3 cr
- 3891 Independent Study**  
(max crs 6; A-F only; prereq 1000, 3100, 15 cr WS or WS-related courses, instr consent)  
28710 001 IND; Contact department for faculty supervisor and permission to register., 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)  
28709 001 IEX; Contact department for faculty supervisor and permission number., 1-9 cr
- 5897 Teaching Internship in Women's Studies**  
(max crs 4; S-N only; prereq 1000, 2101, 90cr, WS major, instr consent; no Grad School credit)  
29641 001 IEX; Arranged with faculty by permission only - contact department., 1-2 cr
- 5991 Independent Study**  
(max crs 4; A-F only; prereq 1000, 3100, 15 cr WS or WS related courses or grad student, instr consent)  
30255 001 LEC; Arranged with faculty permission only - contact department., 1-4 cr

**WRITING STUDIES (Writ)****College of Liberal Arts**

- 1017 Freshman Seminar: Honors: The Rhetoric of Popular Culture**  
(Credit will not be granted if credit has been received for: COMP 1007; A-F only; prereq Freshman, fewer than 30 cr, honors student; meets HON req of Honors; meets LE req of LE CAT8)  
27953 001 SEM, 12:00pm-12:50pm MF, SBE 50, 12:00pm-12:50pm W, KPlz 143; , 3 cr
- 1120 College Writing**  
(A-F only; prereq Students speaking English as a second language must have TOEFL score of 550; credit will not be granted if already received for COMP 1120; meets LE req of LE CAT1)  
001 LEC, 08:00am-08:50am MF, KPlz 385  
27861 002 LAB, 08:00am-08:50am W, H 470; , 3 cr  
003 LEC, 08:00am-08:50am MF, H 403  
27863 004 LAB, 08:00am-08:50am W, KPlz 143; , 3 cr  
005 LEC, 08:00am-08:50am WF, BohH 346; Palokangas, Brenda Sue  
27865 006 LAB, 08:00am-08:50am M, H 470; , 3 cr  
007 LEC, 08:00am-08:50am MW, BohH 104  
27867 008 LAB, 08:00am-08:50am F, H 470; , 3 cr  
009 LEC, 08:00am-09:15am T, Cina 308  
27869 010 LAB, 08:00am-09:15am Th, H 470; , 3 cr  
011 LEC, 08:00am-09:15am Th, Cina 202  
27871 012 LAB, 08:00am-09:15am T, H 470; , 3 cr  
013 LEC, 08:00am-09:15am Th, Cina 308  
27873 014 LAB, 08:00am-09:15am T, KPlz 143; , 3 cr  
015 LEC, 09:00am-09:50am MW, DAdB 16A  
27875 016 LAB, 09:00am-09:50am F, H 470; , 3 cr  
017 LEC, 09:00am-09:50am MW, SBE 32  
27877 018 LAB, 09:00am-09:50am F, KPlz 143; , 3 cr  
019 LEC, 09:00am-09:50am WF, ABAH 245  
27879 020 LAB, 09:00am-09:50am W, H 470; , 3 cr  
021 LEC, 09:00am-09:50am MF, SBE 36  
27881 022 LAB, 09:00am-09:50am W, H 470; , 3 cr  
023 LEC, 09:30am-10:45am T, LSBE 265  
27883 024 LAB, 09:30am-10:45am Th, H 470; , 3 cr  
025 LEC, 09:30am-10:45am T, Cina 102  
27885 026 LAB, 09:30am-10:45am Th, KPlz 143; , 3 cr  
027 LEC, 09:30am-10:45am Th, SBE 40  
27887 028 LAB, 09:30am-10:45am T, H 470; , 3 cr  
029 LEC, 09:30am-10:45am Th, Engr 118  
27889 030 LAB, 09:30am-10:45am T, KPlz 143; , 3 cr  
031 LEC, 10:00am-10:50am WF, H 403  
27890 032 LAB, 10:00am-10:50am M, H 470; , 3 cr  
033 LEC, 10:00am-10:50am MW, SBE 36  
27892 034 LAB, 10:00am-10:50am F, KPlz 143; , 3 cr  
035 LEC, 10:00am-10:50am MF, KPlz 385  
27894 036 LAB, 10:00am-10:50am W, H 470; , 3 cr  
037 LEC, 10:00am-10:50am MW, KPlz 312  
27896 038 LAB, 10:00am-10:50am F, H 470; , 3 cr  
039 LEC, 10:00am-10:50am MF, Chem 251  
27898 040 LAB, 10:00am-10:50am W, KPlz 143; , 3 cr  
041 LEC, 11:00am-11:50am WF, H 314  
27900 042 LAB, 11:00am-11:50am M, H 470; , 3 cr  
043 LEC, 11:00am-11:50am MF, DAdB 16A  
27902 044 LAB, 11:00am-11:50am W, H 470; , 3 cr  
045 LEC, 11:00am-11:50am MF, H 490



27904	046 LAB, 11:00am-11:50am W, KPlz 143; , 3 cr 047 LEC, 11:00am-11:50am MW, KPlz 312	31594	200 INI; (Correspondence course. Enrollment in closed sections may be possible with instructor consent. Permission numbers may be obtained at the instructor's discretion. E-mail writINIs@d.umn.edu to request a permission number for the INI section of this course. Initial course information is available at <a href="http://www.d.umn.edu/goto/correspondence">Getting Started On Your Correspondence Course.</a> Correspondence); , 3 cr	27951	003 LEC, 12:00pm-12:50pm MWF, Cina 106; 24 seats reserved for Biology or Cell Biology Major; , 3 cr
27928	048 LAB, 11:00am-11:50am F, H 470; , 3 cr 049 LEC, 11:00am-11:50am MW, BohH 112			30698	004 LEC, 03:00pm-03:50pm MWF, KPlz 385; , 3 cr
27941	050 LAB, 11:00am-11:50am F, KPlz 143; , 3 cr 051 LEC, 12:00pm-12:50pm WF, KPlz 385			31542	005 LEC, 03:30pm-04:45pm TTh, KPlz 385; , 3 cr
27930	052 LAB, 12:00pm-12:50pm M, H 470; , 3 cr 053 LEC, 12:00pm-12:50pm MF, SBE 40			31836	006 LEC, 03:00pm-03:50pm MWF, H 314; , 3 cr
27932	054 LAB, 12:00pm-12:50pm W, H 470; , 3 cr 055 LEC, 12:00pm-12:50pm MW, SBE 36			31598	200 INI; (Correspondence course. Enrollment in closed sections may be possible with instructor consent. Permission numbers may be obtained at the instructor's discretion. E-mail writINIs@d.umn.edu to request a permission number for the INI section of this course. Initial course information is available at <a href="http://www.d.umn.edu/goto/correspondence">Getting Started On Your Correspondence Course.</a> Correspondence); , 3 cr
27934	056 LAB, 12:00pm-12:50pm F, H 470; , 3 cr 057 LEC, 12:00pm-12:50pm MW, SBE 51	3121	<b>Advanced Writing: Business and Organizations</b> (A-F only; prereq 1120 or equivalent, min 60 cr; credit will not be granted if already received for Comp3121)		
27936	058 LAB, 12:00pm-12:50pm F, KPlz 143; , 3 cr 059 LEC, 01:00pm-01:50pm WF, KPlz 385				
27938	060 LAB, 01:00pm-01:50pm M, H 470; , 3 cr 061 LEC, 01:00pm-01:50pm MF, SBE 50	27923	001 LEC, 03:00pm-04:15pm MW, BohH 108; , 3 cr		
27943	062 LAB, 01:00pm-01:50pm W, H 470; , 3 cr 063 LEC, 01:00pm-01:50pm MW, Library 409	27925	003 LEC, 12:00pm-12:50pm MWF, BohH 112; , 3 cr		
27945	064 LAB, 01:00pm-01:50pm F, H 470; , 3 cr 065 LEC, 01:00pm-01:50pm MW, BohH 112	27974	004 LEC, 08:00am-09:15am TTh, H 403; 10 seats reserved for Accounting candidate; , 3 cr		
27955	066 LAB, 01:00pm-01:50pm F, KPlz 143; , 3 cr 067 LEC, 02:00pm-02:50pm WF, KPlz 385	31595	200 INI; (Correspondence course. Enrollment in closed sections may be possible with instructor consent. Permission numbers may be obtained at the instructor's discretion. E-mail writINIs@d.umn.edu to request a permission number for the INI section of this course. Initial course information is available at <a href="http://www.d.umn.edu/goto/correspondence">Getting Started On Your Correspondence Course.</a> Correspondence); , 3 cr	3160	<b>Advanced Writing: Social Sciences</b> (A-F only; prereq 1120 or equivalent, min 60 cr; credit will not be granted if already received for COMP 3160)
27957	068 LAB, 02:00pm-02:50pm M, H 470; , 3 cr 069 LEC, 02:00pm-02:50pm MF, KPlz 312			27913	001 LEC, 08:00am-09:15am TTh, KPlz 385; , 3 cr
27959	070 LAB, 02:00pm-02:50pm W, H 470; , 3 cr 071 LEC, 02:00pm-02:50pm MF, BohH 346			27914	002 LEC, 09:00am-09:50am MWF, KPlz 385; , 3 cr
27967	072 LAB, 02:00pm-02:50pm W, KPlz 143; , 3 cr 073 LEC, 02:00pm-02:50pm MW, BohH 112			27915	003 LEC, 01:00pm-01:50pm MWF, BohH 104; , 3 cr
27969	074 LAB, 02:00pm-02:50pm F, H 470; , 3 cr 075 LEC, 02:00pm-03:15pm Th, SBE 50	3130	<b>Advanced Writing: Engineering</b> (A-F only; prereq 1120 or equivalent, min 60 cr; credit will not be granted if already received for Comp3130)	31835	005 LEC, 01:00pm-01:50pm MWF, KPlz 312; , 3 cr
27976	076 LAB, 02:00pm-03:15pm T, H 470; , 3 cr 077 LEC, 02:00pm-03:15pm Th, BohH 112			31599	200 INI; (Correspondence course. Enrollment in closed sections may be possible with instructor consent. Permission numbers may be obtained at the instructor's discretion. E-mail writINIs@d.umn.edu to request a permission number for the INI section of this course. Initial course information is available at <a href="http://www.d.umn.edu/goto/correspondence">Getting Started On Your Correspondence Course.</a> Correspondence); , 3 cr
27978	078 LAB, 02:00pm-03:15pm Th, H 470; , 3 cr 079 LEC, 02:00pm-03:15pm Th, MonH 70	27907	001 LEC, 08:00am-09:15am T, LSBE 265, 08:00am-09:15am Th, KPlz 143; , 3 cr		
27980	080 LAB, 02:00pm-03:15pm T, SSB 216; 1 seat reserved for Continuing Education; , 3 cr 081 LEC, 01:00pm-01:50pm MF, DAdB 16A	31596	200 INI; (Correspondence course. Enrollment in closed sections may be possible with instructor consent. Permission numbers may be obtained at the instructor's discretion. E-mail writINIs@d.umn.edu to request a permission number for the INI section of this course. Initial course information is available at <a href="http://www.d.umn.edu/goto/correspondence">Getting Started On Your Correspondence Course.</a> Correspondence); , 3 cr	4230	<b>Web Design and Digital Culture</b> (Credit will not be granted if credit has been received for: WRIT 5230; A-F only; prereq Min 30 cr, no Grad School cr)
27982	082 LAB, 01:00pm-01:50pm W, KPlz 143; , 3 cr 083 LEC, 03:00pm-03:50pm MW, BohH 104			30889	002 LAB, 12:00pm-12:50pm MWF, Library 119; Meets with: 27962 WRIT 5230; , 3 cr
31106	084 LAB, 03:00pm-03:50pm F, KPlz 143; , 3 cr 085 LEC, 03:30pm-04:45pm Th, KPlz 312			4260	<b>Visual Rhetoric and Culture</b> (Credit will not be granted if credit has been received for: WRIT 5260; A-F; prereq minimum 60 cr, no Grad School cr)
31162	086 LAB, 03:30pm-04:45pm T, H 470; , 3 cr 087 LEC, 03:30pm-04:45pm T, BohH 112	27909	001 LEC, 08:00am-09:15am TTh, KPlz 312; 12 seats reserved for Elem Ed major; , 3 cr	30587	001 LEC, 08:00am-08:50am MWF, KPlz 395; Meets with: 30604 WRIT 5260; Stroupe, Craig, 3 cr
31544	088 LAB, 03:30pm-04:45pm Th, H 470; , 3 cr 090 LEC, 06:00pm-07:15pm T, H 468; Gilbert Redman, Neal Thomas	27910	002 LEC, 09:00am-09:50am MWF, Cina 202; , 3 cr	5230	<b>Web Design and Digital Culture</b> (Credit will not be granted if credit has been received for: WRIT 4230; A-F only; prereq Credit will not be granted if already received for Comp 5230, Coll Grad or Grad School student)
27950	091 LAB, 06:00pm-07:15pm Th, H 470; (Open CE Reserve seats will be available to UMD students 08/30/11.); 2 seats reserved for Continuing Education - EXPIRES 30-AUG-2011; Gilbert Redman, Neal Thomas, 3 cr	27911	003 LEC, 12:00pm-12:50pm MWF, KPlz 312; , 3 cr	27962	002 LAB, 12:00pm-12:50pm MWF, Library 119; Meets with: 30889 WRIT 4230; , 3 cr
		27961	004 LEC, 11:00am-11:50am MWF, KPlz 385; 15 seats reserved for UECH Major, min 45 credits; , 3 cr	5260	<b>Visual Rhetoric and Culture</b> (Credit will not be granted if credit has been received for: WRIT 4260; A-F)
1506	<b>Literacy, Technology and Society</b> (A-F only; prereq Credit will not be granted if already received for Comp 1506.; meets LE req of LE CAT7)	27965	005 LEC, 03:30pm-04:45pm TTh, H 480; , 3 cr	30604	001 LEC, 08:00am-08:50am MWF, KPlz 395; Meets with: 30587 WRIT 4260; Stroupe, Craig, 3 cr
27970	001 LEC, 09:30am-10:45am TTh, KPlz 312; (Open CE Reserve seats will be available to UMD students 09/01/09.); 1 seat reserved for Continuing Education; 4 seats reserved for Writing Studies Major; , 3 cr	31597	200 INI; (Correspondence course. Enrollment in closed sections may be possible with instructor consent. Permission numbers may be obtained at the instructor's discretion. E-mail writINIs@d.umn.edu to request a permission number for the INI section of this course. Initial course information is available at <a href="http://www.d.umn.edu/goto/correspondence">Getting Started On Your Correspondence Course.</a> Correspondence); , 3 cr	5591	<b>Independent Study</b> (Credit will not be granted if credit has been received for: WRIT 4591; max crs 6; 6 repeats allowed; A-F only; prereq College grad or grad school, credit will not be granted if already received for Comp 5591, max 3 cr may be applied to Grad School prog, instr consent)
2506	<b>Introduction to Writing Studies</b> (A-F only; prereq 1120)			27919	001 IND, 1-3 cr
30853	001 DIS, 01:00pm-01:50pm MWF, SBE 36; , 3 cr	3150	<b>Advanced Writing: Science</b> (A-F only; prereq 1120 or equivalent, min 60 cr; credit will not be granted if already received for COMP 3150)	8902	<b>Teaching College Writing</b> (A-F; prereq Credit will not be granted if already received for COMP 8902, required for tchg assts in Writ and Engl Depts, instr consent)
3100	<b>Advanced Writing: Language and Literature</b> (A-F only; prereq 1120, min 60 cr; credit will not be granted if already received for COMP 3100)	27912	001 LEC, 09:00am-09:50am MWF, KPlz 312; , 3 cr	27920	001 LEC, 09:30am-10:45am TTh, BohH 343; Jensen, Jill D, 3 cr
27960	001 LEC, 02:00pm-03:15pm TTh, KPlz 385; , 3 cr	27947	002 LEC, 02:00pm-03:15pm TTh, KPlz 312; , 3 cr		
3110	<b>Advanced Writing: Arts and Letters</b> (A-F only; prereq 1120 or equivalent, min 60 cr; credit will not be granted if already received for Comp 3110)				
27905	001 LEC, 02:00pm-02:50pm MWF, BohH 104; , 3 cr				
27964	003 LEC, 09:30am-10:45am TTh, KPlz 385; , 3 cr				

- 8910 Practicum in Teaching Writing**  
(max crs 4; A-F only; prereq Credit will not be granted if already received for Engl 8910 or Comp 8910, instr consent)  
27922 001 PRC, 1-4 cr
- 8994 Directed Research in Writing Studies**  
(max crs 3; 3 repeats allowed; A-F only; prereq Credit will not be granted if already received for Comp 8994; 8902; instr consent)  
27921 001 DRS, 1-3 cr