

UNIVERSITY OF
ROCHESTER

Fall 2007
*Course Schedule
and Descriptions*

Published March 2007



Fall 2007 REGISTRATION SCHEDULE

Full-Time Undergraduate Students

THE COLLEGE

April 9 - May 2, 2007 - **ON-LINE REGISTRATION**

May 3 - September 10, 2007 - **ON-LINE DROP/ADD**

September 11 - October 1, 2007 - **IN-PERSON DROP/ADD**

Class of 2008 and graduate students	Monday, 4/9/07	Beginning at 8:00am
Class of 2009:	Tuesday, 4/10/07	Beginning at 8:00am
Class of 2010:	Wednesday, 4/11/07	Birthdays 9/1 - 12/31 Beginning at 8:00am Birthdays 1/1 - 4/30 Beginning at 9:00am Birthdays 5/1 - 8/31 Beginning at 10:00am

Drop/Add begins May 3, 2007 on-line. For freshmen, faculty adviser's permission will be required. Instructor's signature is required to add a class after September 10, 2007.

EASTMAN

April 9, 2007 - September 30, 2007 Registration & Drop/Add on-line

Note: Double Degree and Eastman graduate students can register beginning April 9, 2007

Students may drop/add on-line and in person at the Eastman Registrar's Office through September 30, 2007. The instructor's Permission code or signature is required to add a class beginning September 17, 2007.

SCHOOL OF NURSING

On-line registration begins Monday, April 9, 2007.

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The University of Rochester home page address is: www.rochester.edu and can be reached using any world wide web browser. The University offers Internet browser recommendations. The Registrar's home page (www.rochester.edu/registrar) offers information related to Courses, Registration, and Academic Planning. Students may review up-to-date course schedules, course descriptions, how to register, obtain office hours, registration times, calendars and other activity schedules.

UR Access Plus

Using your Student ID and Pin, connect to registration, records, clusters, courses, schedules, campus, Rochester, news, directory, and search engine. You can review your personal information which includes: academic history, course schedule, grades, holds, Student Course Opinion Questionnaire search, transcript requests, enrollment verification requests, degree verification requests, Student ID lookup, billing information listing pending refunds, account statements, University refund policy, financial aid application status and award status.

Academic Calendar & Deadlines - UNDERGRADUATE

(See key below for school-specific codes) The Calendar available on-line at: www.rochester.edu/registrar.

ACTION	Fall 2007
• Add/Drop period (no signatures needed for non-restricted courses)	May 3 - September 10 ^{a, b, c} April 9 - September 16 ^d
• Registration deadline - For Fall Semester, School of Nursing - \$50 late fee. After September 18th, fee increases to \$150.	May 11 ^b
• Labor day (no class, University Holiday)	September 3
• Classes begin (Remember that recitations start after first class lecture)	September 4 ^{a, b, c} September 5 ^d
• Last date to add independent study courses	September 24 ^{a, c}
• Add/Drop/Audit deadline	October 1 ^{a, c} October 9 ^b September 30 ^d
• Satisfactory/Fail (S/F) option deadline	October 1 ^{a, c} December 6 ^c
• Fall term break (one day only for ^{a, b, c})	October 8 ^{a, b, c} October 6 - 9 ^d
• River Campus, ESM and School of Nursing Registration (for following semester)	November 5 ^{a, b, c, d}
• Thanksgiving Recess (begins at noon for all colleges except ESM.) ESM begins after evening classes.	November 21 ^{a, b, c} November 20 ^d
• Course withdrawal deadline in School of Nursing	November 28 ^b
• Last day to withdraw from ESM courses	November 26 ^d
• Last day of classes	December 13 ^{a, b, c} December 18 ^d
• Course withdrawal deadline	December 13 ^{a, c}
• Reading Period	December 14 - 15 ^{a, c}
• Reading Weekend (Eastman School)	December 15 & 16 ^d (reading weekend)
• Final exam period	December 16 - 22 ^{a, c} December 14 - 21 ^b December 19 - 21 ^d

a = Arts and Sciences
 b = School of Nursing
 c = School of Engineering and Applied Sciences
 d = Eastman School of Music
 e = Freshmen & transfer students in their first semester in The College

Academic Calendar & Deadlines - GRADUATE

(See key below for school-specific codes)

ACTION	FALL 2007
<ul style="list-style-type: none"> • On-line registration • Eastman (no signatures needed for non-restricted courses) • SMD (Graduate Office) 	April 9 - September 18 ^{a,c} April 9 - September 16 ^d July 1 ^f
<ul style="list-style-type: none"> • Labor Day (no classes, University Holiday) 	September 3
<ul style="list-style-type: none"> • Classes begin 	September 4 ^{a,b,c,e,f} September 5 ^d
<ul style="list-style-type: none"> • Registration deadline - For Fall Semester \$150 late fee for the College, Warner and SMD. \$150 for Eastman after this date. \$50 for SON, after September 18th \$150. 	May 11 ^b September 18 ^{a,c} September 23 ^d September 18 ^e August 15 ^f
<ul style="list-style-type: none"> • Add/Drop/Audit deadline 	October 16 ^{a,c,e,f} October 9 ^b September 30 ^d
<ul style="list-style-type: none"> • Fall term break (one day only for ^{a,b,c} No Fall term break for Margaret Warner School or School of Medicine and Dentistry) 	October 8 ^{a,b,c} October 6 - 9 ^d
<ul style="list-style-type: none"> • Course withdrawal deadline School of Nursing 	November 28 ^b
<ul style="list-style-type: none"> • Registration begins (for following semester) 	November 5 ^{a,b,c,d} December 1 ^f
<ul style="list-style-type: none"> • Thanksgiving Recess (begins at noon for all colleges except ESM and SMD) ESM and SMD begins after evening classes. 	November 21 ^{a,b,c,e,f} November 20 ^d
<ul style="list-style-type: none"> • Last day of classes 	December 13 ^{a,b,c,e,f}
<ul style="list-style-type: none"> • Course withdrawal deadline 	December 13 ^{a,c,e,f}
<ul style="list-style-type: none"> • ESM last day of classes 	December 18 ^d
<ul style="list-style-type: none"> • Reading Period begins at the close of classes 	December 13 - 15 ^{a,c,e,f}
<ul style="list-style-type: none"> • Reading Period (Eastman School) 	December 15 & 16 ^d (reading weekend)
<ul style="list-style-type: none"> • Final exam period 	December 16 - 22 ^{a,c,e,f} December 14 - 21 ^b December 19 - 21 ^d

a = Arts and Sciences
 b = School of Nursing
 c = School of Engineering and Applied Sciences
 d = Eastman School of Music
 e = Margaret Warner Graduate School of Education & Human Development
 f = School of Medicine and Dentistry (Graduate Only)

Final Examinations - Fall 2007

Final Examinations for courses which do not have a common final examination are scheduled according to the day and hours the course meets during the semester. All examinations will be held in their regularly scheduled classrooms unless you are notified to the contrary by the instructor. Examinations are occasionally rescheduled because of special circumstances. This examination schedule is subject to change.

Common Final Examinations

MTH 141, 142, 143, 163, 165

MTH 161, 162, 164, 171Q

BIO 110

Saturday, December 16, 1230

Saturday, December 16, 1600

Sunday, December 17, 1230

IF YOUR CLASS MEETS AT THIS TIME:	THEN YOUR FINAL EXAM IS SCHEDULED FOR
MORNING CLASSES	
MWF 0900-0950 or MW 0900-1050 or MW 0900-1150 or MW 0930-1045 or F 0940-1640 or MW 0900-1015 or MW 0900-1020	Friday, December 21, 0830
MWF 1000-1050 or M 1000-1230 or MW 1030-1145	Tuesday, December 18, 1230
MWF 1100-1150 or MW 1100-1215 or MWF 1100-1220 or WF 1100-1215	Thursday, December 20, 1915
TR 0940-1055 or TR 0940-1220 or TR 1000-1155 or T 0940-1220	Wednesday, December 19, 1600
TR 1105-1220	Sunday, December 16, 1915
AFTERNOON CLASSES	
MWF 1200-1250 or MWF 1230-1345 or MW 1230-1345 or MW 1200-1320 or W 1200-1400	Monday, December 17, 1915
MWF 1300-1350 or MWF 1330-1445 or MTR 1300-1350	Wednesday, December 19, 1915
TR 1230-1345 or R 1200-1400 or T 1230-1515	Tuesday, December 18, 1915
T 1400-1640 or T 1400-1515	Wednesday, December 19, 1230
R 1400-1640 or TR 1400-1515 or TR 1400-1640	Thursday, December 20, 1600
MW 1400-1515 or MW 1400-1640 or MW 1400-1805 or M 1400-1640 or MW 1400-1700 or W 1400-1600 or M 1400-1515	Monday, December 17, 1600
F 1400-1640	Friday, December 21, 1230
TR 1525-1640 or MTR 1525-1615 or TR 1600-1715 or R 1525-1805 or T 1525-1805	Wednesday, December 19, 0830
MW 1525-1640 or W 1525-1805	Monday, December 17, 0830
MW 1650-1805 or M 1650-1930 or MW 1650-1930 or MF 1650-1805 or W 1650-1930	Tuesday, December 18, 0830
TR 1650-1805 or T 1650-1930 or MTR 1650-1740 or TR 1650-1930 or MR 1730-1930 or R 1650-1930	Thursday, December 20, 1230
EVENING CLASSES	
TR 1815-1930 or MTR 1815-1930	Tuesday, December 18, 1600
MW 1815-1930 or MW 1815-1945	Thursday, December 20, 0830

KAUFFMAN ENTREPRENEURSHIP COURSES FOR Fall 2007

Below is a list of courses in Entrepreneurship that are available to students university-wide for the Fall 2007 semester. Please see the Department listing for days, times and locations. Additional classes may be added in coming months. Please check the on-line course schedule or the registrar's home page for new additions.

COURSE	TITLE	CREDITS	INSTRUCTORS
1HIS 167K	Speaking Stones	4 credits	Homerin
1REL 167K	Speaking Stones	4 credits	Homerin
4OPT 263K	Quantum Optics Laboratory	4 credits	Lukishova
6ALC 211K/411K	Arts Media & Promotion	1 credit	Brondyke
6ALC 211K/411K	Individual Grant Seeking	1 credit	Schwartz
6ALC 212K/412K	Career Skills for the 21st Century	2 credit	Daly
6ALC 221K/421K	Leadership Issues in Music	1 credit	Rossi
6ALC 231K/431K	Music Outreach	1 credit	Mancini
8NSG 486K	Hlth Care Entrepreneur	1 credit	Klainer

School Codes:

- 1 - The College: Arts and Sciences
- 2 - Simon School of Business
- 3 - Margaret Warner Graduate School of Education
- 4 - School of Engineering and Applied Sciences
- 6 - Eastman School of Music
- 8 - School of Nursing

How to Register for Classes

Important: Bursar Hold Information - University policy requires that students be current in payment of all tuition and fees prior to the registration for each academic term. **STUDENTS WHO HAVE A PAST DUE BALANCE AT THE TIME OF REGISTRATION WILL NOT BE PERMITTED TO REGISTER FOR THE NEXT TERM.** University policy also requires all students to submit a signed payment agreement prior to registration.

If you have a past due balance, you may settle your account with the Bursar's Office, 330 Meliora Hall, (585) 275-3931. You will need financial clearance to register for the next term's courses. Your registration for the next term is subject to cancellation if payment is not kept current and your past due balance is \$5,000 or greater, or if you submit a check that is returned by the bank, unless acceptable arrangements are promptly made.

Undergraduate Arts and Science and Engineering students of the College

STUDENTS REGISTERING ON-LINE CAN SEE INSTRUCTIONS AT www.rochester.edu/registrar AND WILL NOT BE REQUIRED TO SUBMIT A REGISTRATION FORM.

Undergraduate students in The College should register for classes during the registration period April 9, 2007 - September 10, 2007. Students wishing to register after September 10, 2007 should see the Registrar, 312 Lattimore Hall. Students should refer to **UR Access plus** for up-to-date course schedule offerings which may change from the original publication. For detailed descriptions of undergraduate course offerings consult the Registrar's home page www.rochester.edu/registrar.

Prerequisites

Be sure to check the descriptions published here or on-line at www.rochester.edu/registrar for prerequisites required. Instructors who include this restriction believe it is essential to have completed the prerequisites before enrolling.

Signatures and Permissions

When a course is closed you will be required to obtain the permission of the instructor in order to register. Students registering on-line should consult the instructor to receive a permission code if the course carries a restriction.

Students must secure the Dean's approval through the College Center for Academic Support (312 Lattimore Hall, (585) 275-2354) if they wish to register for graduate courses (400 or 500 level) or Independent Studies (390, 391, 392, 393, 394, 395).

All freshmen in The College need to meet with their advisers prior to registration.

All undergraduates in the School of Engineering and Applied Sciences must obtain permission from their engineering department prior to registering for classes.

Underloads and Overloads

Underload (less than 14 hours) and Overload (more than 19 hours) programs for undergraduates must be approved by the Dean's Office through the College Center for Academic Support, 312 Lattimore Hall.

Audits

Students who wish to audit courses may do so on-line. When auditing a class, a student may participate in class sessions and coursework, earning neither a grade nor credit toward a degree. Matriculated full-time undergraduate students may audit at no extra cost.

Undergraduate Arts and Science and Engineering students of the College continued

Undergraduate Independent Study Courses and Internships for Credit

You may add these at any time before the end of the third full week of classes, but be sure to leave sufficient time for the entire approval process and enough leeway to substitute another course if you do not receive approval. Here's how to register for an independent study:

1. Obtain an Independent Studies Form from the College Center for Academic Support, 312 Lattimore Hall. Complete instructions are on the form.
2. Plan the course with a *full-time* instructor who will work with you and evaluate your work at the end of the semester.
3. Submit the signed form and a self-addressed envelope to the College Center for Academic Support at 312 Lattimore Hall for the Dean's approval. Engineering students should return the form to 306 Lattimore Hall.
4. Questions will be handled by mail or e-mail. Receipt of the student's copy by mail is confirmation that the study is approved.

Drop/Add Procedures

Before completing a drop/add, be sure to understand the rules and deadlines for adding and dropping courses. Undergraduates may drop/add on-line until the end of the first week of classes. Freshmen are required to meet with their adviser to have the adviser HOLD lifted before completing a drop or add on-line. Beginning in the second week of classes all adds must be submitted on a drop/add form and signed by the instructor of the added course. Drops should also be listed on the form, although a signature is not required. Freshmen need to include their adviser's signature.

To complete a Drop/Add form include the following information:

Your name and student ID number correctly recorded, all necessary restrictions met, all required signatures obtained. Submit the completed form to the Academic Services Counter, 312 Lattimore Hall. Retain the student portion of the drop/add form for your records. ****Engineering reminder: ALL DROP/ADD FORMS REQUIRE A FACULTY ADVISER SIGNATURE AND DEPARTMENT STAMP.** Submit your signed drop/add form to the Dean's Office, 306 Lattimore Hall.

Eastman School of Music Undergraduates and Graduates

Students taking courses at the Eastman School of Music should refer to the Eastman Registrar's web site: <http://www.esm.rochester.edu/registrar/> for course information, registration details, drop/add policies, and other important information.

School of Medicine and Dentistry

Graduate students register on-line at the instruction of the SMD Registrar for graduate programs.

School of Nursing

School of Nursing Undergraduate and Graduate Students should register on-line at the instruction of the SON Registrar.

School of Nursing Undergraduate and Graduate registrations submitted after May 11, 2007 will be assessed a \$50 late registration fee. The fee is increased to \$150 for students registering after 2 weeks into semester.

All Master's students will be considered full time students if they register for at least 12 hours of credit for the semester, or if they register for at least 9 hours of credit for any semester during which clinical contact hours or a lab component are required. Before adding or dropping a course, be sure you understand the rules, deadlines, and implications.

Graduate Arts and Science and Engineering students of the College

Arts and Sciences graduate students and Engineering and Applied Sciences graduate students will register on-line beginning April 9, 2007. All SOGP and GSP students should also register on-line. Descriptions of graduate courses may be found in the Graduate Studies Bulletin. Descriptions of courses not included in the book may be requested in the office of the department offering the course.

Registration

Registration begins, April 9, 2007 on-line. See instructions for on-line registration at www.rochester.edu/registrar.

A **\$150 late registration fee** will be assessed for registrations completed after September 18, 2007. Graduate students registering after early registration may experience a delay before registration can be completed. Please keep this in mind if you have student loans which you need to sign. Early registration will prevent this delay.

Prerequisites

Be sure to check on-line descriptions at www.rochester.edu/registrar for specific prerequisites required. Instructors who include this restriction believe it is essential to have completed the prerequisites.

Permissions

Some departments may require advance approval for course selection. Consult your department for requirements.

Audits

Matriculated full-time graduate students should refer to the Official Bulletin or Graduate "Red Book" for specific rules for auditing courses.

Graduate Reading/Independent Study and Internships for credit

Matriculated graduate students within The College registering for Reading/Independent Study or Internship courses will not register on-line for these courses but will provide the Graduate Studies Office an approval form. The approval form must include the course title, description, credit hours, adviser and department signatures.

Graduate Research

Matriculated graduate students within The College registering for Research will register on-line at which point you will provide the instructor name and credit hours for the Graduate Studies Office.

Drop/Add/Audit Procedures

Be sure you understand the rules and deadlines for adding and dropping courses. The last day to drop/add is October 16, 2007. The last day to withdraw from a course is the last day of classes in the semester.

Non-Matriculated Students

Non-Matriculated Students should refer to www.rochester.edu/osp for specific details on how to register. **Mail-in Registration: Must be postmarked by August 17, 2007. Questions concerning registration may be directed to the Office of Special Programs and Part Time Studies (585) 275-2344.**

Drop/Add for Non-Matriculated Students (The College: Arts and Sciences, Engineering)

Before completing a drop/add form, be sure you understand the rules and deadlines for adding and dropping courses. Submit drop/add forms to The Office of Special Programs and Part-Time Studies, 127 Lattimore Hall. Drops made after the first day of classes will result in an adjustment to the tuition refund. Consult www.rochester.edu/osp/Adults for deadlines and tuition refund schedule or call (585) 275-2344.

Drop/Add for Non-Matriculated Students (other schools)

Before completing a drop/add form, be sure you understand the rules and deadlines for adding and dropping courses. Submit drop/add forms to the Dean's Office of the school in which your course is offered. Drops made after the first day of classes may result in an adjustment to the tuition refund allowed, depending upon the policy of the school in which the course is offered. Consult the Dean's Office of that school for deadlines and tuition refund schedules.

William E. Simon School of Business Administration

First time students taking 400 and 500 level courses must register in person at the Simon School orientation prior to each quarter. Students taking 100 and 200 level courses should register on-line as usual. Questions may be directed to the Simon School Registrar's Office, S-305, Schlegel Hall, (585) 275-3580, or www.simon.rochester.edu.

The William E. Simon Graduate School of Business Administration will offer courses on both the semester and quarter schedules. Courses to be offered in the Fall semester and the Spring semester are 100 and 200 level courses (which are not open to MBA students) and APS 500 level courses. All other Simon School 400 and 500 level courses will be offered on the quarter schedule. **Simon School's Advisor for the MBA program is Laura Gavigan, Schlegel Hall, Room 305c, ext 53533 or e-mail: laura.gavigan@rochester.edu**

Simon School Academic Calendar & Deadlines

ACTION	FALL 2007	WINTER 2008	SPRING 2008	SUMMER 2008
Classes begin	September 17	January 7	March 24	June 16
Mid-term exams	October 17-23	February 6-12	April 23-29	July 14-17
Final exam period	December 3-8	March 12-16	May 29 - June 2	August 11 -15

Margaret Warner Graduate School of Education and Human Development Students

Matriculated students register on-line following instruction from the Warner School Registrar. Non-matriculated students should contact the Warner School Registrar, Dewey 2-160A for instructions. A late fee of \$150 will be assessed all registrations not entered on -line by September 18.

Matriculated graduate students who wish to register for Independent Study/Field Study Courses in Education (ED 491, 492, 591, 592) must file an Independent Study/Field Study Form in the Office of Student Services in the Warner School, 2-161F Dewey Hall, (585) 275-1009. You must also register on-line for Independent Study/Field Study.

Enter all drop/add forms on-line through September 18. After September 18, submit drop/add forms to the Warner Registrar's Office in Dewey 2-160A. Before completing a drop/add form, be sure you understand the rules and deadlines for adding and dropping courses

Faculty Advisors

M. Callahan (English)	Dewey 1-160D	35090	mcallahan@warner.rochester.edu
M. Curry (Foreign Languages)	Dewey 1-160C	35934	mjcurry@warner.rochester.edu
J. Choppin (Mathematics)	Dewey 1-160K	34913	jchoppin@warner.rochester.edu
A. Luehmann (Sciences)	Dewey 1-160L	53010	aluehmann@warner.rochester.edu
A. Deleon (Social Sciences)	Dewey 1-160J	55053	adeleon@warner.rochester.edu
J. Larson (Elementary Edu.)	Dewey 1-160E	50900	larson@warner.rochester.edu
D. Erickson (Human Dev)	Dewey 2-161D	51007	derickson@warner.rochester.edu
M. Curry (TESOL)	Dewey 1-160C	35934	mjcurry@warner.rochester.edu
D. Erickson (Counseling)	Dewey 2-161D	51007	derickson@warner.rochester.edu
B. Brent (Higher Edu)	Dewey 1-335	53930	bbrent@warner.rochester.edu
B. Brent (Administration)	Dewey 1-335	53930	bbrent@warner.rochester.edu

Graduate Bulletin

ADDITIONAL INSTRUCTIONS FOR MATRICULATED GRADUATE STUDENTS CATEGORIES OF REGISTRATION

<p style="text-align: center;">Change of Time Status</p> <p>Change of time status requires approval from your school's Dean's office.</p>	<p style="text-align: center;">Master's Dissertation (899)</p> <p>"Plan A" master's degree candidates who have completed all requirements for the degree (except the dissertation) and who are working full-time on the dissertation should register for 899. Adviser's signature is required.</p> <p>This course has zero (0) credit hours but is considered full-time registration. There is a flat fee for registration (see the Bursar's financial statement for the amount). The mandatory health fee must be paid and student loans may be deferred when registering for this course.</p>
<p style="text-align: center;">Continuity of Registration</p> <p>Matriculated graduate students must maintain continuous registration (Fall and Spring) until they are awarded degrees, withdraw from the degree program, or are dropped from the degree program by the University. Students maintain continuous registration by registering for credit courses or one of the following courses: 985, 895, 995, 899, 999.</p>	<p style="text-align: center;">Continuation of Doctoral Enrollment (995)</p> <p>Doctoral candidates who have received written permission from the Dean of Graduate Studies to complete the doctoral dissertation while not in residence and not working full-time on the dissertation, should register for 995.</p> <p>This course has zero (0) credit hours and no mandatory health fee. There is a flat rate fee for registration (see the Bursar's financial statement for the amount). <u>Please note that this course will not defer student loans</u>, as it is a less than part-time registration. An updated ID card may not be obtained through this course registration.</p>
<p style="text-align: center;">Study in Absentia</p> <p>In certain circumstances, it may be desirable for a full-time matriculated graduate student to engage in study or research for a limited period of time at another <u>university, research organization, scholarly institution or location</u> and to register for appropriate graduate credit at the University of Rochester. All such requests must be made in writing and approved in advance by the Graduate Studies Office.</p>	<p style="text-align: center;">Doctoral Dissertation (999)</p> <p>Ph.D. students who have completed all of the requirements for the degree (except the dissertation) and are in residence as full-time students should register for 999. Adviser's signature is required.</p> <p>Ph.D. students who have completed all of the requirements for the degree (except the dissertation), who are working full-time on the dissertation, and have the permission of the Department and the Dean for Graduate Studies to be in residence elsewhere, should register for 999A. (See Study in Absentia)</p>
<p style="text-align: center;">Leave of Absence (985)</p> <p>Matriculated graduate students who have been granted a leave of absence upon the recommendation of their departments, and have the approval of the Dean for Graduate Studies should register for 985.</p> <p>This course has zero (0) credit hours and no mandatory health fee. There is a flat rate fee for registration (see the Bursar's financial statement for the amount). This fee must be received before the student can register each semester for Leave of Absence. Please note that this course will not defer student loans, as it is a less than part-time registration. An updated ID card may not be obtained through this course registration. Students in this category can not defend dissertations in the semester following the leave.</p>	<p>Ph.D. students should register every semester and pay the required registration fee. When the final two corrected copies of the dissertation are turned in, students are eligible for a refund of the current semester fee for continuing enrollment, according to the same schedule proposed for the health fee: 75% during the first calendar month, 50% during the second calendar month, 25% during the third calendar month of the semester.</p> <p>This course has zero (0) credit hours but is considered full-time registration. There is a flat fee for registration (see the Bursar's financial statement for the amount). The mandatory health fee must be paid and student loans may be deferred when registering for this course.</p>
<p style="text-align: center;">Continuation of Master's Enrollment (895)</p> <p>"Plan A" master's degree students who have received written permission from the Dean for Graduate Studies to complete the master's dissertation while not in residence and not working full-time on the dissertation should register for 895. "Plan B" master's degree students who have completed all of the required courses, but not all of the requirements for a degree should register for 895.</p> <p>This course has zero (0) credit hours and no mandatory health fee. There is a flat rate fee for registration (see the Bursar's financial statement for the amount). <u>Please note that this course will not defer student loans</u>, as it is a less than part-time registration. An updated ID card may not be obtained with this course registration.</p>	

FACULTY ADVISERS

You are urged to seek faculty advice in planning your schedule of courses for the next semester, and in outlining your plans for selection of courses in future semesters. Undergraduates are welcome to consult advisers about courses and academic programs in the College Center for Academic Support in 312 Lattimore Hall. Engineering students and all freshmen should meet with their faculty advisers. The faculty advisers listed on this page are available to advise students on any matters concerning departmental courses and curricula.

The College: Arts and Science

African & African American Studies

C. Kemedjio	Latt 407A	53946	ciko@mail.rochester.edu
F. Harns	Morey 302	57235	fredrick.harns@rochester.edu

American Sign Language

T. Supalla	Latt 116	TTY3-5130	supalla@bc.s.rochester.edu
D. Schlehofer	Latt 116	35165	deidre@asl.rochester.edu

Anthropology

A. Carter	Latt 443	58734	atcarter@trai.cc.rochester.edu
R. Foster	Latt 436	58741	rfr@dbi.cc.rochester.edu
T. Gibson	Latt 439	58739	tpgib@mail.rochester.edu

Art and Art History

G. Seiberling - AH	Morey 422	54169	seib@trai.cc.rochester.edu
A. Topolski - SA	Sage	35994	allen.topolski@rochester.edu

Biological Sciences

C. Benyajati (Cell & Development)	Hutch 301A	58040	cbej@mail.rochester.edu
J. Jaenike (Ecology & Evol. Bio)	Hutch 484	50009	joja@mail.rochester.edu
E. Sia (Molecular Genetics)	Hutch 326B	59275	esia@mail.rochester.edu
R. Marquis (Microbiology)	Med 2-6515A	51674	mutanrst@aol.com
M. A. Courtney (Microbiology)	Med 2-5216	59008	mcry@mail.rochester.edu
R. Quivey (Microbiology)	Med 5-5746B	50382	robert_quivey@umc.rochester.edu
E. Nordeen (Neuroscience)	Mel 116	58453	emc@bc.rochester.edu
E. Grayhack (Biochemistry)	Med 3-7531	52765	elizabeth_grayhack@umc.rochester.edu

Biology

A. Olek	Hutch 481	34876	ajol@mail.rochester.edu
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Brain & Cognitive Sciences

K. Nordeen	Mel 103	58452	knordeen@bc.rochester.edu
D. Knill	Mel 275	54597	knill@evs.rochester.edu
R. Jacobs	Mel 416	50753	robbie@bc.rochester.edu

Chemistry

T. Krugh	Hutch 459	54224	thomas.krugh@rochester.edu
R. Kreilick	Hutch B32	54225	kreilick@chem.rochester.edu
W. Jones	Hutch 404	55493	jones@chem.rochester.edu
J. Goodman	Hutch 460	54891	goodman@chem.rochester.edu
J. Muenster	Hutch B36	54223	muenster@chem.rochester.edu
L. Rothberg	Hutch 200	34725	rothberg@chem.rochester.edu
H. Stern	Hutch 410	58804	stern@chem.rochester.edu
J. Farnar	Hutch B19	55834	farnar@chem.rochester.edu

Computer Science

T. Pawlicki	CSB 722	54198	pawlicki@cs.rochester.edu
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Earth and Environmental Science

J. Tarduno (Biology/Geology)	Hutch 227	55713	john@earth.rochester.edu
G. Misra (Geology)	Hutch 208A	55816	mitr@trai.cc.rochester.edu
J. Tarduno (Geology)	Hutch 227	55713	john@earth.rochester.edu
C. Garzzone (Geology)	Hutch 210	54572	garzzone@earth.rochester.edu
J. Tarduno (Geomechanics)	Hutch 227	55713	john@earth.rochester.edu
U. Fehn (Geomechanics)	Hutch 224	57884	fehn@earth.rochester.edu
R. Poreda (Env Sciences&Studies)	Hutch 224	50051	poreda@earth.rochester.edu
U. Fehn (Env Sciences&Studies)	Hutch 224	57884	fehn@earth.rochester.edu

Economics

Any Faculty Member through C. Barrie in Hark 238	59940	rhq@trai.cc.rochester.edu
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English

K. Gross	Morey 519	54098	kgross@trai.cc.rochester.edu
D. Bleich (writing, media&Comm)	Morey 509	58568	david.bleich@rochester.edu

Film and Media Studies

J. Bernardi	RRL 427	55757	jobi@mail.rochester.edu
S. Willis	Latt 414	57894	swwis@mail.rochester.edu

Health & Society

A. Carter	Latt 443	58734	atcarter@dbi.cc.rochester.edu
T. Brown	RRLIB 368	52051	theodore_brown@umc.rochester.edu
D. Harper	Dewey 413	54333	dhha@uhura.cc.rochester.edu
B. Jacobs	Hark 331	55319	jacb@trai.cc.rochester.edu
R. Dees	Latt 529	58110	dees@mail.rochester.edu
N. Reynolds	Anderson 110	35772	nreynolds@uhs.rochester.edu

History

D. Bortis	RRL 452	59356	dbort@mail.rochester.edu
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Interdepartmental Studies

CSAIP	Latt 206	57532	abroad@mail.rochester.edu
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Linguistics

J. Runner	Latt 511A	52626	runner@ling.rochester.edu
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Mathematics

Any Faculty Member

Modern Languages & Cultures

T. DiPiero (French)	Latt 427	55524	thomas.dipiero@rochester.edu
S. Gustafson (German)	Latt 538	56947	sgfn@mail.rochester.edu
J. Givens (Russian)	Latt 423	54272	givn@mail.rochester.edu
B. Jorgensen (A-M) (Spanish)	Latt 422	54265	bjgn@mail.rochester.edu
R. Prendergast (N-Z) (Spanish)	Latt 430	54113	prdst@mail.rochester.edu
D. Pollock (Japanese)	Latt 412	50424	pollock@trai.cc.rochester.edu
J. Bernardi (Japanese)	RRL 427	59372	jobi@mail.rochester.edu
C. Schaefer (Comparative Lit)	Latt 408A	54243	csfr@mail.rochester.edu
D. Stocchi-Perucchio (Italian)	Latt 405	55723	dstocchi@mail.rochester.edu

Music

K. Kowalke	Todd 207	58340	kkwk@mail.rochester.edu
J. Covach	Todd 205	54137	jcovach@mail.rochester.edu
M. Baileyshea	Todd 201	59398	shea@mail.rochester.edu

Philosophy

E. Conco	Latt 528	58115	conco@philosophy.rochester.edu
R. Current	Latt 526	58361	rcrm@trai.cc.rochester.edu

Physics & Astronomy

F. Wolfs (PHY)	B&L 203a	54937	wolfs@pas.rochester.edu
A. Quillen (PAS)	B&L 453A	59625	aquillen@pas.rochester.edu

Political Science

G. Gamm	Hark 331	58573	gerald.gamm@rochester.edu
R. Niemi	Hark 320A	55364	niemi@rochester.edu
P. Regenstreif	Hark 335	55466	peter.regenstreif@rochester.edu

Psychology

L. Benneto	Mel 492	58712	loisa.bennetto@rochester.edu
E. Deci	Mel 429	52461	deci@scp.rochester.edu
D. McAdam	Mel 437	54802	dale@scp.rochester.edu
R. Ryan	Mel 479	58708	ryan@psych.rochester.edu
J. Smetana	Mel 436	54592	smetana@psych.rochester.edu
R. Rogge	Mel 462	33270	rogge@psych.rochester.edu

Religion and Classics

Any Full-Time Faculty Member

Russian Studies

K. Parthe	Latt 424	54176	parthe@mail.rochester.edu
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Statistics

S. Rao	Hylan 703	54178	raos@trai.cc.rochester.edu
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Women's Studies

S. Gustafson	Latt 425	54849	sgfn@mail.rochester.edu
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School of Engineering and Applied Sciences

Faculty Advisers

Students pursuing or planning a concentration in the School of Engineering and Applied Sciences will be assigned a faculty adviser most appropriate to their intended major. Students who have questions about adviser assignments or who wish to request an adviser should visit the Dean's Office, 306 Lattimore Hall.

• Biomedical Engineering

Class 2008

A. Lerner (A-G)	Hope 215	57847	amy.lerner@rochester.edu
D. Pinto (H-O)	Med 5-6440	35988	david_pinto@urmc.rochester.edu
H. Awad (P-Z)	Med 1-8543	35268	hani_awad@urmc.rochester.edu

Class 2009

S. McAleavey (A-H)	Hope 308	57786	stephenm@bme.rochester.edu
M. King (I-P)	Med 25720	53285	mike_king@urmc.rochester.edu
E. Brown (Q-Z)	Med 57272	53981	edward_brown@urmc.rochester.edu

Class 2010

D. Dalecki (A-F)	Hope 309	57378	dalecki@bme.rochester.edu
K. Davis (G-P)	Med 56418	34844	kevin_davis@urmc.rochester.edu
N. Kuzma (Q-Z)	Med Ctr	57114	nick_kuzma@urmc.rochester.edu

Class 2011

D. Welch	Hope 202	34754	dorothy.welch@rochester.edu
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• Chemical Engineering

Class 2008

E. Chimowitz	Gav 203	58497	chim@che.rochester.edu
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Class 2009

B. Ebenhack	Gav 101	59209	bwe@che.rochester.edu
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Class 2010

E. Chimowitz	Gav 203	58497	chim@che.rochester.edu
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Class 2011

B. Ebenhack	Gav 101	59209	bwe@che.rochester.edu
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• Electrical and Computer Engineering

Class 2008

P. Ampadu (A-M)	CSB 421	35753	ampadu@ece.rochester.edu
Z. Ignjatovic (N-Z)	Hope 341	53790	igjatvo@ece.rochester.edu

Class 2009

H. Wu (A-M)	CSB 416	52112	whu@ece.rochester.edu
M. Bocko (N-Z)	CSB 518	54879	bocko@ece.rochester.edu

Class 2010

W. Heinzelman (A-H)	Hope 307	54053	wendi.heinzelman@rochester.edu
R. Sobolewski (I-Z)	CSB 410	51551	roman.sobolewski@rochester.edu

Class 2011

B. Dick	Hope 204	55719	barbd@ece.rochester.edu
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• Mechanical Engineering

Class 2008

R. Betti (A-J)	Hope 212	55479	beti@me.rochester.edu
A. Clark (K-Z)	Hope 329	54078	clark@me.rochester.edu

Class 2009

P. Funkenbusch (A-J)	Hope 222	54074	funk@me.rochester.edu
J. Lambropoulos (K-Z)	Hope 216	54070	jcl@me.rochester.edu

Class 2010

J. Thomas (A - M)	Hope 223	54083	thomas@me.rochester.edu
C. Ren (N - Z)	Hope 214	52048	chren@me.rochester.edu

Class 2011

S. Gracewski (A-K)	Hope 217	57853	sheryl.grawewski@rochester.edu
R. Gans (L-Z)	Hope 330	52123	gans@me.rochester.edu

• Optics

Class 2008 and 2009
Self selected by student

Class 2010

J. Zavislan (A-H)	Wil 122	59819	zavislan@optics.rochester.edu
T. Brown (I-Z)	Wil 505	55248	brown@optics.rochester.edu

Class 2011

B. Benidict	Wil 105	57720	benidict@optics.rochester.edu
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• Geomechanics

R. Gans	Hope 330	52123	gans@me.rochester.edu
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• Interdepartmental Engineering & Engineering Science

L. Norwood	Latt 306A	54155	lnrw@seas.rochester.edu
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RIGHTS

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT

The University of Rochester complies fully with the provisions of the Family Educational Rights and Privacy Act (FERPA), 20 U.S.C. 1232g. Under FERPA, students have, with certain limited exceptions, the right to inspect and review their educational records and to request the amendment of their records to ensure that they are not inaccurate, misleading, or otherwise in violation of the student's privacy or other rights. Requests to inspect or review records should be addressed to the Registrar, or to the appropriate administrator responsible for the record and will be honored within 45 days. Any student questioning the accuracy of any record may state his or her objection in writing to the University administrator responsible for the record who will notify the student of his or her decision within 45 days of receiving the objection. Final review of any decision will be by the appropriate Dean who, if requested by the student, will appoint a hearing committee of two faculty members and one staff member to investigate and make recommendations. Students concerned with the University's compliance with FERPA have the right to file complaints with the U.S. Department of Education's Family Compliance Office.

FERPA further requires, again with certain limited exceptions, that the student's consent must be obtained before disclosing any personally identifiable information in the student's education records. One such exception is disclosure to parents of dependent students. Another exception is disclosure to school officials with legitimate educational interests, on a "need-to-know" basis, as determined by the administrator responsible for the file. A "school official" includes: anyone employed by the University in an administrative, supervisory, academic, research or support staff position (including law enforcement unit personnel and health staff); any person or company acting on behalf of the University (such as an attorney, auditor, or collection agent); any member of the Board of Trustees or other governance/advisory body; and any student serving on an official committee, such as disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Other exceptions are described in the FERPA statute at 20 U.S.C. 1232g and regulations at 34 C.F.R. Part 99.

The University considers the following to be directory information: name, campus address, e-mail address, home address, telephone number, date and place of birth, academic fields of study, current enrollment (full or part-time), dates of attendance, photographs, participation in recognized activities and sports, degrees and awards, weight and height of athletic team members, previous educational agencies or institutions attended, and other similar information. The University may publicize or respond to requests for such information at its discretion. However, the use of the records for commercial or political purposes is prohibited unless approved by the appropriate Dean. If you wish to have your information omitted from printed directories, contact your Registrar.

Currently enrolled students may request that directory information be withheld from disclosure by making a request, in writing, to the appropriate registrar. All requests made on or before September 30th will make it possible to have directory information omitted from printed directories. Requests made after this date should still be forwarded since they will prevent directory information from being released in the future. The University assumes that failure on the part of the student to specifically request the withholding of any directory information indicates approval of disclosure.

STUDENTS WITH DISABILITIES

The University of Rochester is committed to offering accessible programs and services to students with disabilities. We urge students to notify the University of their needs early. Students with disabilities should contact the University Disability Resources Coordinator at (585) 275-9125 to discuss their need for support services and to obtain further information about University resources.

Students with disabilities who are eligible for accommodations in the classroom need to provide appropriate documentation of their disability to the Director of Learning Assistance Services in 107 Lattimore Hall, (585) 275-9049, prior to the beginning of classes. Students needing support services outside of the classroom setting should contact their local Office of Vocational Rehabilitation to apply for assistance.

OBSERVANCE OF RELIGIOUS HOLIDAYS

As provided in New York Education Law Section 224-a, students who choose not to register for classes, attend classes or take exams on certain days because of their religious beliefs will be given an equivalent opportunity to register for classes or to make up the work requirements or exams they miss, without penalties or additional fees.

POLICIES

REPEAT COURSE INFORMATION

Undergraduate students in The College planning to repeat a course are encouraged to meet with an adviser in Academic Support. Repeating a course may or may not be the best option. These points need to be considered:

- A. Additional hours are not gained from a course that was passed the first time.
- B. The repeated course hours from a course that was passed the first time do not count towards meeting full-time status requirements outlined by government financial aid programs.
- C. The repeated course grade (not necessarily the better grade) is used when computing the grade point average.
- D. The average is affected only if a course is repeated at the University of Rochester.

Dean's List

An overall semester grade point average of 3.4 and completion of 16 or more credit hours, at least 12 of which have normal letter grades (A thru E), with no "I" or "N" grades, are required for a student to be named to the Dean's List. (Seniors and students classified "T5" need to complete successfully 12 or more credit hours with normal letter grades and no "I" or "N" grades.)

SATISFACTORY ACADEMIC PROGRESS GUIDELINES AND FINANCIAL AID ELIGIBILITY

Students should be aware that they must be making satisfactory academic progress toward their degree in order to continue receiving their financial aid.

Examples of financial aid include, but are not limited to, institutional (need-based grants and merit-based scholarships), federal (Pell Grants, SEOG, Perkins and Direct Loans, and Federal Work-Study), and state (TAP) funds.

The following factors must also be taken into consideration:

- **Limits on financial aid:** Institutional aid is limited to eight semesters for students admitted as incoming freshman.
- **Summer Enrollment:** Institutional aid is not awarded by the Financial Aid Office for summer enrollment.
- **Full-time Attendance:** Institutional, state, and most federal financial aid programs require full-time attendance, defined as minimum of 12 hours per semester.
- **Degree Program and Major Declaration:** Students must be enrolled in an approved degree program to be eligible for institutional, federal, and state aid. New York State TAP funding requires that students must have been accepted into an official major by October 1 of the Junior year.

Detailed information regarding satisfactory academic progress, limits on financial aid, summer enrollment, full-time attendance, and degree program and major declaration requirements is available through both the Financial Aid Office and the College Center for Academic Support.

IMMUNIZATION REQUIREMENT FOR ALL ENTERING PART-TIME AND FULL-TIME MATRICULATED STUDENTS

All matriculated students born on or after January 1, 1957 taking 6 or more credit hours at a college or university in New York State must provide the following immunization information. The student's physician or an appropriate school official must verify all immunization information. New York State law mandates that students not in compliance with the requirements 30-45 days after the start of classes are to be withdrawn from school and required to leave campus.

New York State Requirements for PART TIME AND FULL TIME STUDENTS:

- **Measles (Rubeola):** The student must submit evidence of two doses of live measles vaccine: the first dose given on or after the student's first birthday and the second on or after 15 months of age and at least 30 days after the first dose; OR the student must submit serological evidence of immunity through a blood test performed by an approved medical laboratory; OR the student must submit a statement from the diagnosing physician that the student has had measles disease.

- **Mumps:** The student must submit evidence of a single dose of live mumps vaccine given on or after the first birthday; OR serological evidence of mumps immunity; OR a statement from the diagnosing physician that the student has had mumps disease.

- **Rubella:** The student must submit evidence of a single dose of live rubella virus vaccine given on or after the first birthday; OR serological evidence of rubella antibodies.

- **Meningitis:** The student must submit evidence of vaccination against meningococcal disease; OR evidence of receipt of information concerning meningococcal vaccine and their decision to waive vaccination.

University of Rochester Requirements for FULL TIME STUDENTS:

- **Tuberculin skin test:** Required of students who have resided within the past five years in countries where tuberculosis is endemic. (Refer to the detailed instructions attached to the Health History and Immunization Report form.)

- **Tetanus/diphtheria:** Students must have received Td or Tdap vaccine within 9 years prior to entering the University.

Note: Live virus vaccine has been available on or after the following dates: measles 1/1/68, mumps 1/1/69, rubella 1/1/69; combined MR and MMR 1/1/72.

Please refer to the UHS web site for the most current details on immunization requirements, <http://www.rochester.edu/uhs/healthcare/immunization.html>.

COLLEGE EMAIL POLICY

Official communications from the College may be sent electronically using the student's University-assigned email address. The College expects that students will read such official College communications in a timely fashion. Students who choose to forward email from their University account to another email address remain responsible for receiving and reading official College communications.

ADJUSTMENT OF CHARGES FOR WITHDRAWAL AND INACTIVE STATUS

For students who withdraw or declare inactive status, tuition and charges will be adjusted and will be measured from the beginning of classes to the withdrawal date determined by the College's Dean's Office. The schedule for The College is available online at: www.rochester.edu/adminfinance/bursar/collegerefund.htm. Separate schedules for the Simon School, the Warner School, the Eastman School, and the School of Nursing are available at their Registrar's Offices.

THE COLLEGE: ARTS AND SCIENCES

Fall of 2007

SPECIAL NOTICE: GUIDE TO COURSES ON ISSUES OF DIVERSITY

The Fall 2007 Schedule of Classes highlights courses chosen by academic departments as addressing issues of diversity. In support of the mission of the College, the courses shaded within the schedule are those that have been so identified. We trust you will find this information useful as you plan your schedule for the Fall 2007 semester.

COURSE REF. NO.	DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
<p><i>THE COLLEGE: ARTS AND SCIENCES</i></p> <p>*****</p> <p>NONMATRICULATED STUDENTS (NOT IN A DEGREE PROGRAM) WHO WOULD LIKE TO RECEIVE REGISTRATION FORMS AND OTHER PERTINENT INFORMATION MAY CONTACT THE OFFICE OF SPECIAL PROGRAMS, 127 LATTIMORE HALL, UNIVERSITY OF ROCHESTER, ROCHESTER N.Y. 14627, (585) 275-2344 OR EMAIL, OSP@MAIL.ROCHESTER.EDU. INFORMATION IS ALSO AVAILABLE AT WWW.ROCHESTER.EDU/OSP</p> <p>MATRICULATED STUDENTS INTERESTED IN ANY OF THE NON-CREDIT COURSES SHOULD CONTACT THE OFFICE OF SPECIAL PROGRAMS PRIOR TO REGISTERING, FOR APPROVAL AND TUITION INFORMATION.</p>										
22766	ICAS	085		ESL: ACCENT REDUCTION	00.0	TR	1830 2000			
<p><i>CAS 105 REASONING & WRITING IN THE COLLEGE</i></p> <p>*****</p> <p>THE COLLEGE WRITING PROGRAM OFFERS MANY SECTIONS OF CAS 105 AND CAS 105E. EACH SECTION HAS A UNIQUE CONTENT. PLEASE REFER TO HTTP://WRITING.ROCHESTER.EDU FOR THE FALL 2007 COURSE SCHEDULE AND COURSE DESCRIPTIONS TO FIND A SECTION OF INTEREST. PLEASE CALL EXT. 3-3584 FOR MORE INFORMATION.</p>										
23347	ICAS	114		CREATING ARCHITECTURE CROSS-LISTED: 10473 IAH 114	04.0	T	1650 1930	TANKEL P		E
23354	ICAS	142		METHODS OF INQUIRY THIS COURSE RUNS FROM OCTOBER 22 TO DECEMBER 10	01.0	MW	1815 1930	WALKER-SHARPE		
23363	ICAS	142		METHODS OF INQUIRY THIS COURSE RUNS FROM OCTOBER 23 TO DECEMBER 11	01.0	TR	1815 1930	BHARADWAJ V		
23372	ICAS	352		CHM ISSUES IN WS LEADERSHIP CROSS-LISTED: 30191 ICHM 352	02.0	F	1400 1515	PEREZ C		A
23389	ICAS	352		CSC ISS IN STUDY GRP LEADERS	02.0	TBA		FERNANDES N		A
23391	ICAS	352		BIO ISS IN STUDY GRP LEADERS	02.0	TBA				A
23407	ICAS	352		ECO ISS IN STUDY GRP LEADERS	02.0	TBA		ROTH V		A
23421	ICAS	352		ISSUES IN MATH WORKSHOP LEAD	02.0	T	1650 1805	ROTH V		
23439	ICAS	352		ISSUES IN STUDY GROUP LEADER	02.0	TBA		PLATT T		A
23442	ICAS	352		BIO ISS IN STUDY GRP LEADERS	02.0	TBA		PLATT T		A
23450	ICAS	352		PHY CHM ISSUES WS LEADER	02.0	TBA		PEREZ C		
23468	ICAS	352		ECE ISS IN STUD GROUP LEADER	02.0	TBA		ROTH V		
23473	ICAS	355		GROUP LEADERSHIP - MATH	01.0	TBA		ROTH V		A
23484	ICAS	355		GROUP LEADER - ECE	01.0	TBA		ROTH V		
23496	ICAS	355		GROUP LEADER - BIO	01.0	TBA		PEREZ C		
23500	ICAS	356		COLLEGE MENTORS	02.0	TBA		WATTS D		A
23533	ICAS	397		EUROPEAN BUSINESS INTERNSHPS	00.0	TBA		POWELL L		
23544	ICAS	397A		EUROP N HLTH SCIENCE INTRNSHP	08.0	TBA				GJ

AFRICAN & AFRICAN AMERICAN STUDIES

94317	IAAS	106		COLONIAL & CONTEMPORARY AFRICA CROSS-LISTED: 93110 IHIS 106 94326 IANT 248	04.0	TR	1230 1345	MANDALA E		
94031	IAAS	107		HISTORY OF ISLAM CROSS-LISTED: 91103 IREL 107 91661 IHIS 117	04.0	TR	1105 1220	HOMERIN E		
10017	IAAS	122		HISTORY OF JAZZ CROSS-LISTED: 66814 IMUR 122	04.0	MW	1525 1640	BURGETT P		
10026	IAAS	141		AFRICAN-AMERICAN HISTORY I CROSS-LISTED: 52862 IHIS 165	04.0	TR	1105 1220	HUDSON L		
10043	IAAS	221		BIRTH & DEATH I: VIT EV PERLYV CROSS-LISTED: 12581 IANT 218 90714 IWST 217 79223 7PM 407	04.0	TR	0940 1055	CARTER A		C
92734	IAAS	225		RACE & REPRESENTATION CROSS-LISTED: 92726 IPSC 225W 92743 IPSC 525	04.0	W	1525 1805	SINCLAIR-CHAP		
10051	IAAS	228		MARTIN & MALCOLM IN AMERICA CROSS-LISTED: 85438 IREL 226	04.0	TR	1230 1345	BUTLER A		
10065	IAAS	229		AFRICAN AMERICAN DRAMA CROSS-LISTED: 46583 IENG 228 47385 IENG 428	04.0	TR	1230 1345	TUCKER J		
93681	IAAS	248		MARRIAGE, FAM & COMM GLOB PERSP CROSS-LISTED: 93667 IANT 244 93675 IWST 218	04.0	TR	1400 1515	EMMETT A		

THE COLLEGE: ARTS AND SCIENCES Continued

COURSE REF. NO.

DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM	DEGREE TO	INSTRUCTOR	RES	AUDIT
91722	1AAS	252	ECO & SOCITIES IN LATIN AMER CROSS-LISTED: 91719 IHIS 203 91735 IEEO 252	04.0	TR	1105	1220	INIKORI J		
10078	1AAS	253	ECO & SOC CONDITNS OF AFR-AM CROSS-LISTED: 40047 IEEO 253W 53013 IHIS 255	04.0	TR	1400	1515	ENGERMAN S		
93187	1AAS	273	MAKING OF MODERN MIDDLE EAST CROSS-LISTED: 93161 IHIS 273 93176 IHIS 273W	04.0	R	1400	1640	MANDALA E		
10112	1AAS	279	URBAN SCHOOLS: RACE & GENDER CROSS-LISTED: 12631 IANT 270 12999 IANT 470 90698 1WST 208	04.0	MW	1650	1805	FORDHAM S		E
10129	1AAS	297	CONTEMPORARY ISS IN AFR AMER	04.0	R	1400	1640			O
91877	1AAS	343	RACE & THE AMERICAN CITY CROSS-LISTED: 91839 IHIS 343W 91862 IHIS 443	04.0	R	1400	1640	WOLCOTT V		
91927	1AAS	375W	ATLANTIC SLAVE TRADE & AFRICA CROSS-LISTED: 91916 IHIS 356W 91938 IEEO 385W 91940 IHIS 436	04.0	W	1400	1640	INIKORI J		
10130	1AAS	380	SENIOR SEMINAR	04.0	W	1400	1640	KEMEDJIO C		A3
10148	1AAS	391	INDEPENDENT STUDY	00.0	TBA					GJ
10175	1AAS	393	HYDRO-CARBON ENERGY AFR DEV	04.0	TBA					GJ
10181	1AAS	394	INTERNSHIP	00.0	TBA					GJ
10194	1AAS	997	DOCTORAL DISSERTATION	00.0	TBA					GJ

ANTHROPOLOGY

12512	1ANT	101	CULTURAL ANTHROPOLOGY	04.0	MWF	1100	1150			A
12530	1ANT	102	INTRO TO MED ANTHROPOLOGY CROSS-LISTED: 90682 1WST 115	04.0	MW	1815	1930	METCALF L		A
12548	1ANT	110	INTRO TO LINGUISTIC ANALYSIS CROSS-LISTED: 57961 1LIN 110	04.0	TR	1230	1345	GUNLOGSON C		
12556	1ANT	202	MODN SOC THRY: KEY TXTS & ISSUE	04.0	TR	1230	1345	FOSTER R		C
94086	1ANT	203	RITUAL, MYTH AND SCRIPTURE	04.0	MW	1230	1345	GIBSON T		C
12567	1ANT	210	SCHOOLING, RACE & ACAD PERFORM	04.0	MW	1400	1515	FORDHAM S		
12575	1ANT	214	LOVE, FRIENDSHIP & COMMUNITY CROSS-LISTED: 87253 1SOC 221	04.0	T	1650	1930	SMITH T		
12581	1ANT	218	BIRTH & DEATH I. VIT EV PERLIV CROSS-LISTED: 10043 1AAS 221 90714 1WST 217 79223 7PM 407	04.0	TR	0940	1055	CARTER A		C
12594	1ANT	224	ANTHROPOLOGY OF DEVELOPMENT	04.0	TR	1525	1640	REICHMAN D		
94946	1ANT	225	THE SOCIAL USES OF MEDIA CROSS-LISTED: 94958 1AH 230 94960 1FMS 225	04.0	MW	1400	1515	KIM E		
12608	1ANT	227	LOCAL & GLOBAL MARKET RESEARCH	04.0	TR	1230	1345	MCCABE M		E
12613	1ANT	241	WOMEN AND RELIGION CROSS-LISTED: 93772 6ANR 240 93789 6WST 240	04.0	M	1055	1325	MCHUGH E		E
93667	1ANT	244	MARRIAGE, FAM & COMM GLOB PERSP CROSS-LISTED: 93675 1WST 218 93681 1AAS 248	04.0	TR	1400	1515	EMMETT A		
94326	1ANT	248	COLONIAL & CONTEMPORARY AFRICA CROSS-LISTED: 93110 IHIS 106 94317 1AAS 106	04.0	TR	1230	1345	MANDALA E		
12624	1ANT	266	GLOBAL CULTURE CROSS-LISTED: 12980 1ANT 466	04.0	TR	1525	1640	FOSTER R		A
12631	1ANT	270	URBAN SCHOOLS: RACE & GENDER CROSS-LISTED: 10112 1AAS 279 12999 1ANT 470 90698 1WST 208	04.0	MW	1650	1805	FORDHAM S		E
93694	1ANT	274	CREATIVE ETHNOGRAPHY CROSS-LISTED: 93705 1CLT 208G 93718 1ENG 130	04.0	TR	0940	1055	EMMETT A		
12662	1ANT	291	RES METHODS: DOING ANTHROP	04.0	TR	1105	1220			E
12677	1ANT	390	SUPERVISED TEACHING	00.0	TBA					GJ
12742	1ANT	391	INDEPENDENT STUDY	00.0	TBA					GJ
12832	1ANT	392	PRACTICUM IN ANTHROPOLOGY	00.0	TBA					GJ
12887	1ANT	393	HONORS RESEARCH & ANTHROPOLOGY	00.0	TBA					GJ
12934	1ANT	394	INTERNSHIP	04.0	TBA					GJ
12980	1ANT	466	GLOBAL CULTURE CROSS-LISTED: 12624 1ANT 266	04.0	TR	1525	1640	FOSTER R		A
12999	1ANT	470	URBAN SCHOOLS: RACE & GENDER CROSS-LISTED: 10112 1AAS 279 12631 1ANT 270 90698 1WST 208	04.0	MW	1650	1805	FORDHAM S		
13004	1ANT	491	MASTER'S READINGS IN ANTHRO	00.0	TBA					GJ
13032	1ANT	493	MASTER'S ESSAY	00.0	TBA					GJ
13055	1ANT	495	MASTER'S RESEARCH IN ANTHRO	00.0	TBA					GJ
13076	1ANT	591	PHD READINGS IN ANTHROPOLOGY	00.0	TBA					GJ

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DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
		13123 IANT 592	GRAD TEACHING ASSISTANTSHIP	00.0	TBA				GJ
		13146 IANT 595	PHD RESEARCH IN ANTHROPOLOGY	00.0	TBA				GJ
		13171 IANT 595A	PHD RESEARCH IN ABSENTIA	00.0	TBA				GJ
		13185 IANT 895	CONT OF MASTER'S ENROLLMENT	00.0	TBA				
		13192 IANT 899	MASTER'S DISSERTATION	00.0	TBA				GJ
		13229 IANT 985	LEAVE OF ABSENCE	00.0	TBA				
		13230 IANT 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
		13248 IANT 997	DOCTORAL DISSERTATION	00.0	TBA				GJ
		13267 IANT 997A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ
		13275 IANT 999	DOCTORAL DISSERTATION	00.0	TBA				GJ
		13316 IANT 999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ

AMERICAN SIGN LANGUAGE

13425 IASL 101	BEGINNING AMERICAN SIGN LANG	04.0	MWF	1000	1050	KISELGOFF D		
13433 IASL 101	BEGINNING AMERICAN SIGN LANG	04.0	MWF	1300	1350	JOHNSTON L		
13444 IASL 101	BEGINNING AMERICAN SIGN LANG	04.0	MTR	1650	1740	KISELGOFF D		
13457 IASL 101	BEGINNING AMERICAN SIGN LANG	04.0	MWF	1000	1050	POLLARD P		
13466 IASL 101	BEGINNING AMERICAN SIGN LANG	04.0	MTR	1815	1930	POLLARD P		
13479 IASL 101	BEGINNING AMERICAN SIGN LANG	04.0	MTR	1300	1350			
13482 IASL 101	BEGINNING AMERICAN SIGN LANG	04.0	MWF	1100	1150	JOHNSTON L		
13498 IASL 102	BEGINNING AMER SIGN LANG II	04.0	MTR	1815	1930	KISELGOFF D		
13507 IASL 105	INTERMED AMERICN SIGN LANG I	04.0	MWF	1200	1250	SCHLEHOFER D		
13515 IASL 105	INTERMED AMERICN SIGN LANG I	04.0	MTR	1525	1615	POLLARD P		
1352J IASL 105	INTERMED AMERICN SIGN LANG I	04.0	MWF	1100	1150	POLLARD P		
13539 IASL 106	INTERMEDIATE ASL II	04.0	MTR	1650	1740	POLLARD P		
13542 IASL 201	INTRO TO ASL LITERATURE	04.0	TR	1105	1220	SCHLEHOFER D		
13550 IASL 202	HIS&CULT OF AMER DEAF COMMNTY	04.0	MW	1400	1515	SCHLEHOFER D		
13568 IASL 203	ADVANCED ASL	04.0	TR	0940	1055	JOHNSTON L		
13573 IASL 260	LANGUAGE & PSYCHOLINGUISTICS CROSS-LISTED: 15839 IBCS 152 57993 I LIN 217 83424 I PSY 152	04.0	MW	1400	1515	JAEGER F		
13584 IASL 280	DEAF-RELATED CAREERS	04.0	TR	1230	1345	JOHNSTON L		
13596 IASL 391	INDEPENDENT STUDY	00.0	TBA					GJ
13643 IASL 392	PRACTICUM	00.0	TBA					GJ
13665 IASL 395	HONORS RESEARCH	00.0	TBA					GJ

ARABIC-PLEASE SEE RELIGION AND CLASSICS

ART & ART HISTORY-ART HISTORY

10450 IAH 101	INTRODUCTION TO ART HISTORY	04.0	TR	1650	1805	SEIBERLING G		
10473 IAH 114	CREATING ARCHITECTURE CROSS-LISTED: 23347 ICAS 114	04.0	T	1650	1930	TANKEL P		E
10484 IAH 128	MODERN ART	04.0	TR	1105	1220	Haidu R		
10496 IAH 136	INTRO TO THE ART OF FILM CROSS-LISTED: 46368 IENG 117 49838 IFMS 132	04.0	TR	1230	1345	MIDDLETON J		
10500 IAH 189	ROMAN STRCT:ENG IN CLA WRLD CROSS-LISTED: 32046 ICLA 213 56217 IIT 159 60615 4ME 105 60621 4ME 105A	04.0	TBA			PERUCCHIO R		A
10511 IAH 209	WRITING ON ART	04.0	T	0940	1220	BERLO J		A
93526 IAH 210	WOMAN AS IMAGE & TEXT CROSS-LISTED: 93534 IAH 410 93545 IWST 214	04.0	TR	1400	1515	SEIBERLING G		
93502 IAH 217	THE SCIENCE OF ART	04.0	TR	0940	1055	DURO P		
91389 IAH 224	RUSSIAN ART CROSS-LISTED: 91363 IRUS 224 91372 IRST 224	04.0	TR	1650	1805	MASLENNIKOVA		
93656 IAH 229	ART IN EUROPE 1750-1830	04.0	MW	1230	1345			
94958 IAH 230	THE SOCIAL USES OF MEDIA CROSS-LISTED: 94946 IANT 225 94960 IFMS 225	04.0	MW	1400	1515	KIM E		
93438 IAH 244	TUSCAN PAINTING & SOC CHANGE CROSS-LISTED: 93427 IIT 244	04.0	TBA			DURO P		
10544 IAH 252	INTRO FILM HIST: SILENT CINEM CROSS-LISTED: 46666 IENG 255 47453 IENG 455 49852 IFMS 233	04.0	T	1650	1930	LOUGHNEY P		

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COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
10628 1AH 325	FICTIONS/LIES/POSTWAR ART CROSS-LISTED: 10974 1AH 525	04.0	R	1525 1805	Haidu R		
10649 1AH 390	SUPERVISED TEACHING	00.0	TBA			GJ	
10655 1AH 391	INDEPENDENT STUDY	00.0	TBA			GJ	
10722 1AH 391W	INDEPENDENT STUDY	00.0	TBA			GJ	
10741 1AH 393	ART HISTORY HONORS PROJECT	00.0	TBA			GJ	
10770 1AH 394	EUROPEAN ARTS INTERNSHIP	08.0	TBA			GJ	
10824 1AH 396	MUSEUM INTERNSHIP	04.0	TBA			GJ	
10877 1AH 398	SR SEMINAR - OBJECT LESSONS CROSS-LISTED: 11235 1AH 598	04.0	W	1400 1640	BERLO J		
93534 1AH 410	WOMAN AS IMAGE & TEXT CROSS-LISTED: 93526 1AH 210 93543 1WST 214	04.0	TR	1400 1515	SEIBERLING G		
10927 1AH 491	MASTER'S READING COURSE	00.0	TBA			GJ	
10940 1AH 494	MUSEUM INTERNSHIP	04.0	TBA			GJ	
10952 1AH 495	MASTER'S RESEARCH COURSE	00.0	TBA				
10974 1AH 525	FICTIONS/LIES/POSTWAR ART CROSS-LISTED: 10628 1AH 325	04.0	R	1525 1805	Haidu R		
10995 1AH 583	VISUAL & CULTURAL STUDIES CROSS-LISTED: 32432 1CLT 462	04.0	W	0900 1200	SAAB J		
11007 1AH 590	INDEPENDENT STUDY	00.0	TBA			GJ	
11050 1AH 591	PHD READINGS	00.0	TBA			GJ	
11117 1AH 594	PHD RESEARCH INTERNSHIP	00.0	TBA			GJ	
11143 1AH 595	PHD RESEARCH / VIS&CULT STDS	00.0	TBA			GJ	
11199 1AH 595A	PHD RESEARCH IN ABSENTIA	00.0	TBA			GJ	
11235 1AH 598	SR SEMINAR - OBJECT LESSONS CROSS-LISTED: 10877 1AH 398	04.0	W	1400 1640	BERLO J		
11241 1AH 895	CONT OF MASTERS ENR	00.0	TBA				
11253 1AH 899	MASTER'S THESIS	00.0	TBA				
11270 1AH 985	LEAVE OF ABSENCE	00.0	TBA			GJ	
11288 1AH 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
11297 1AH 997	DOCTORAL DISSERTATION	00.0	TBA				
11345 1AH 997A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA			GJ	
11377 1AH 999	DOCTORAL DISSERTATION	00.0	TBA				
11436 1AH 999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA			GJ	

ART & ART HISTORY-STUDIO ARTS

*** ALL STUDIO ARTS COURSES WILL HAVE A \$50 SUPPLIES FEE ***

86433 ISA 111	INTRODUCTORY DRAWING	04.0	MW	1400 1640	TOPOLSKIA	T	
94172 ISA 112	CONCEPTS IN INTRO DRAWING	04.0	MW	1650 1930	HETZEL R		
86444 ISA 121	INTRODUCTORY PAINTING	04.0	MW	1400 1640	LAYTON H	T	
86457 ISA 131	INTRODUCTORY 3D	04.0	F	0940 1640	COHEN E	T	
86466 ISA 141	INTRODUCTORY PHOTOGRAPHY	04.0	MW	0900 1150	PETRANEK S	A	
86479 ISA 151	INTRODUCTORY DIGITAL ART CROSS-LISTED: 49924 1FMS 260A	04.0	TR	1400 1640	SHINDELMAN M	T	
86482 ISA 151	INTRODUCTORY DIGITAL ART CROSS-LISTED: 49931 1FMS 260A	04.0	TR	1650 1930	SHAW T	T	
86498 ISA 161	INTRO VIDEO & SOUND CROSS-LISTED: 49840 1FMS 161	04.0	MW	1650 1930	MEROLA K	A	
86507 ISA 171	CONCEPTS IN INTRO 2D	04.0	MW	0900 1150	SHAW T	T	
86515 ISA 190	INTRODUCTORY VISUAL PRODUCTION	04.0	TR	1400 1640	COHEN E	AT	
86521 ISA 209	WRITING ON ART CROSS-LISTED: 10511 1AH 209	04.0	T	0940 1220	BERLO J	A	
93578 ISA 222A	ADVANCED PAINTING	04.0	MW	0900 1150	LAYTON H		
94136 ISA 222B	ADVANCED PAINTING	04.0	MW	0900 1150	LAYTON H		
94147 ISA 222C	ADVANCED PAINTING	04.0	MW	0900 1150	LAYTON H		
93580 ISA 232A	ADVANCED 3-D OBJECT INSTALL	04.0	TR	0940 1220	COHEN E		
94154 ISA 232B	ADVANCED 3-D OBJECT INSTALL	04.0	TR	0940 1220	COHEN E		
94163 ISA 232C	ADVANCED 3-D OBJECT INSTALL	04.0	TR	0940 1220	COHEN E		
93599 ISA 243A	ISSUES IN ADVANCED PHOTO	04.0	TR	0940 1220	SHINDELMAN M		
93603 ISA 243B	ISSUES IN ADVANCED PHOTO	04.0	TR	0940 1220	SHINDELMAN M		
93612 ISA 243C	ISSUES IN ADVANCED PHOTO	04.0	TR	0940 1220	SHINDELMAN M		
93629 ISA 263A	3D DIGITAL TIME-BASED MEDIA CROSS-LISTED: 93469 1FMS 263A 93474 1FMS 263B 93483 1FMS 263C	04.0	TR	0940 1220	DEVEREAUX E		
93630 ISA 263B	3D DIGITAL TIME-BASED MEDIA CROSS-LISTED: 93469 1FMS 263A 93474 1FMS 263B 93483 1FMS 263C	04.0	TR	0940 1220	DEVEREAUX E		
93648 ISA 263C	3D DIGITAL TIME-BASED MEDIA CROSS-LISTED: 93469 1FMS 263A 93474 1FMS 263B 93483 1FMS 263C	04.0	TR	0940 1220	DEVEREAUX E		
86626 ISA 390	SUPERVISED TEACHING	00.0	TBA			GJ	
86680 ISA 391	INDEPENDENT STUDY	00.0	TBA			GJ	

ARTS & SCIENCES

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DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM	DEGREE TO	INSTRUCTOR	RES	AUDIT
86777	1SA	391W	INDEPENDENT STUDY	00.0	TBA				GJ	
86790	1SA	394	INTERNSHIP	04.0	TBA				GJ	
86822	1SA	396	SENIOR STUDIO AND SEMINAR	04.0	TR	1400	1640	DEVEREAUX E	A	
86835	1SA	491	INDEPENDENT STUDY	00.0	TBA				GJ	
86864	1SA	591	INDEPENDENT STUDY	00.0	TBA				GJ	

ASTRONOMY-PLEASE SEE PHYSICS AND ASTONOMY

BIOLOGY

16932	1BIO	102	BIOLOGY & THE ENVIRONMENT	04.0	MWF	1300	1350	SAJDAK L		
16949	1BIO	104	ECOSYSTEM CONSERVTN&HUM SOC	04.0	MWF	1000	1050	MINCKLEY R		
16955	1BIO	110	PRINCIPLES OF BIOLOGY I	04.0	MWF	0900	0950	OLEK A		
16961	1BIO	110	PRINCIPLES OF BIOLOGY I	04.0	MWF	1100	1150	OLEK A		
17299	1BIO	112	BIOLOGY PERSPECTIVES I	04.0	MWF	0900	0950	PLATT T		
17300	1BIO	198	PRINCIPLES OF GENETICS	04.0	MWF	1000	1050	SIA E		
17311	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	T	1230	1345			
17325	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	T	1400	1515			
17333	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	T	1525	1640			
17344	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	T	1400	1515			
17357	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	W	1400	1515			
17366	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	R	1400	1515			
17379	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	T	1230	1345			
17382	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	W	1525	1640			
17398	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	R	1400	1515			
17404	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	R	1525	1640			
17410	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	T	1525	1640			
17428	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	R	1525	1640			
17432	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	R	1230	1345			
17449	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	R	1230	1345			
17455	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	W	1400	1515			
17461	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	F	1400	1515			
93858	1BIO	198	PRINCIPLES OF GENETICS-REC	REC	T	1400	1515			
17476	1BIO	198L	PRINCIPLES OF GENETICS LAB	01.0	T	1230	1600	SAJDAK L	A	
17487	1BIO	198L	PRINCIPLES OF GENETICS LAB	01.0	T	1650	2020	SAJDAK L	A	
17493	1BIO	198L	PRINCIPLES OF GENETICS LAB	01.0	T	1650	2020	SAJDAK L	A	
17505	1BIO	198L	PRINCIPLES OF GENETICS LAB	01.0	W	1300	1630	SAJDAK L	A	
17520	1BIO	198L	PRINCIPLES OF GENETICS LAB	01.0	R	1230	1600	SAJDAK L	A	
17536	1BIO	198L	PRINCIPLES OF GENETICS LAB	01.0	R	1650	2020	SAJDAK L	A	
17547	1BIO	198L	PRINCIPLES OF GENETICS LAB	01.0	T	1230	1600	SAJDAK L	A	
17554	1BIO	198L	PRINCIPLES OF GENETICS LAB	01.0	R	1230	1600	SAJDAK L	A	
17563	1BIO	198L	PRINCIPLES OF GENETICS LAB	01.0	W	1650	2020	SAJDAK L	A	
17572	1BIO	198L	PRINCIPLES OF GENETICS LAB	01.0	W	1650	2020	SAJDAK L	A	
17589	1BIO	198L	PRINCIPLES OF GENETICS LAB	01.0	W	1300	1630	SAJDAK L	A	
93860	1BIO	198L	PRINCIPLES OF GENETICS LAB	01.0	R	1650	2020			
17591	1BIO	202	MOLECULAR BIOLOGY CROSS-LISTED: 18605 1BIO 402	04.0	TR	0940	1055	BENYAJATI C		
17607	1BIO	202	MOLECULAR BIOLOGY - REC	REC	T	1650	1805			
17615	1BIO	202	MOLECULAR BIOLOGY - REC	REC	M	1400	1515			
17621	1BIO	202	MOLECULAR BIOLOGY - REC	REC	T	1400	1515			
17639	1BIO	202	MOLECULAR BIOLOGY - REC	REC	M	1650	1805			
17642	1BIO	202W	MOLECULAR BIOLOGY WRITING	00.5	TBA			BENYAJATI C	A	
17650	1BIO	203	MAMMALIAN ANATOMY	04.0	MWF	1200	1250	DIETSCH E A		
17668	1BIO	203	MAMMALIAN ANATOMY - LAB	LAB	T	0800	1050			
17673	1BIO	203	MAMMALIAN ANATOMY - LAB	LAB	R	1400	1650			
17684	1BIO	203	MAMMALIAN ANATOMY - LAB	LAB	M	1400	1650			
17696	1BIO	203	MAMMALIAN ANATOMY - LAB	LAB	T	1400	1650			
17703	1BIO	203	MAMMALIAN ANATOMY - LAB	LAB	F	1400	1650			
17712	1BIO	205	EVOLUTION CROSS-LISTED: 18618 1BIO 405	04.0	TR	1105	1220	ORR A		
17729	1BIO	205	EVOLUTION-REC	REC	F	1400	1515			
17730	1BIO	205	EVOLUTION-REC	REC	T	1650	1805			
17748	1BIO	205	EVOLUTION-REC	REC	M	1525	1640			
17756	1BIO	205	EVOLUTION-REC	REC	W	1525	1640			
17775	1BIO	205W	EVOLUTION WRITING	00.5	TBA			ORR A	A	
17781	1BIO	210	CELL BIOLOGY	04.0	TR	1400	1515	GOLDFARB D		
17794	1BIO	210	CELL BIOLOGY REC	REC	T	1105	1220			
17801	1BIO	210	CELL BIOLOGY REC	REC	M	1200	1250			

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		17816 1BIO 210	CELL BIOLOGY REC	REC	M	1400 1515			
		17827 1BIO 210	CELL BIOLOGY REC	REC	T	1650 1805			
		17838 1BIO 210	CELL BIOLOGY REC	REC	W	1525 1640			
		17840 1BIO 210	CELL BIOLOGY REC	REC	R	1650 1805			
		17852 1BIO 210	CELL BIOLOGY REC	REC	F	1400 1515			
		17869 1BIO 210W	CELL BIOLOGY	00.5	TBA		GOLDFARB D	A	
		17874 1BIO 222	BIOLOGY OF AGING CROSS-LISTED: 18620 1BIO 422	04.0	TR	1105 1220	GORBUNOVA V		
		17883 1BIO 222W	BIOLOGY OF AGING	00.5	TBA		GORBUNOVA V	A	
		17895 1BIO 226	DEVELOPMENTAL BIOLOGY CROSS-LISTED: 18636 1BIO 426	04.0	TR	1525 1640	LAMBERT D		
		17908 1BIO 226W	DEVELOPMNTL BIOLOGY WRITING	00.5	TBA		LAMBERT D	A	
		17913 1BIO 228	LAB IN CELL & DEVELPMNTL BIO CROSS-LISTED: 18647 1BIO 428	04.0	MW	1400 1805	BENYAJATI C BIX		
		17924 1BIO 228	LAB IN CELL&DVELPMTL BIO-REC	REC	F	1400 1515			
		17931 1BIO 228W	LAB IN CELL/DEV BIO WRITING	00.5	TBA		BENYAJATI C		
		17945 1BIO 260	ANIMAL BEHAVIOR CROSS-LISTED: 18654 1BIO 460	04.0	MWF	0900 0950			
		17959 1BIO 260	ANIMAL BEHAVIOR-REC	REC	W	1100 1150			
		17962 1BIO 260	ANIMAL BEHAVIOR-REC	REC	W	1300 1350			
		17977 1BIO 260	ANIMAL BEHAVIOR-REC	REC	W	1000 1050			
		17986 1BIO 260	ANIMAL BEHAVIOR-REC	REC	W	1000 1050			
		17990 1BIO 260W	ANIMAL BEHAVIOR WRITING	00.5	TBA			A	
		18006 1BIO 261A	ANIMAL BEHAVIOR RESEARCH	02.0	TBA			A	
		18019 1BIO 263	ECOLOGY CROSS-LISTED: 18663 1BIO 463	04.0	MWF	1100 1150	RAMSEY J		
		18022 1BIO 263	ECOLOGY - REC	REC	T	1230 1345			
		18035 1BIO 263	ECOLOGY - REC	REC	T	1400 1515			
		92393 1BIO 263	ECOLOGY - REC	REC	M	1300 1350			
		92409 1BIO 263	ECOLOGY - REC	REC	M	1650 1805			
		18053 1BIO 263W	ECOLOGY	00.5	TBA		RAMSEY J		
		18064 1BIO 390	SUPERVISED TEACHING	00.0	TBA				GJ
		18169 1BIO 390W	SUPERVISED TEACHING	00.0	TBA				GJ
		18183 1BIO 391	INDEPENDENT STUDY	00.0	TBA				GJ
		18239 1BIO 391W	INDEPENDENT STUDY	00.0	TBA				GJ
		18242 1BIO 393	SENIOR THESIS	00.0	TBA				GJ
		18273 1BIO 394	INTERNSHIP	00.0	TBA				GJ
		18304 1BIO 395	INDEPENDENT RESEARCH	00.0	TBA				GJ
		18513 1BIO 395W	INDEPENDENT RESEARCH	00.0	TBA				GJ
		18605 1BIO 402	MOLECULAR BIOLOGY CROSS-LISTED: 17591 1BIO 202	04.0	TR	0940 1055	BENYAJATI C		
		18618 1BIO 405	EVOLUTION CROSS-LISTED: 17712 1BIO 205	04.0	TR	1105 1220	ORR A		
		18620 1BIO 422	BIOLOGY OF AGING CROSS-LISTED: 17874 1BIO 222	04.0	TR	1105 1220	GORBUNOVA V		
		18636 1BIO 426	DEVELOPMENTAL BIOLOGY CROSS-LISTED: 17895 1BIO 226	04.0	TR	1525 1640	LAMBERT D		
		18647 1BIO 428	LAB IN CELL & DEVELPMNTL BIO CROSS-LISTED: 17913 1BIO 228	04.0	MW	1400 1805	BENYAJATI C BIX		
		18654 1BIO 460	ANIMAL BEHAVIOR CROSS-LISTED: 17945 1BIO 260	04.0	MWF	0900 0950			
		18663 1BIO 463	ECOLOGY CROSS-LISTED: 18019 1BIO 263	04.0	MWF	1100 1150	RAMSEY J		
		18672 1BIO 480	GRADUATE LAB ROTATION	04.0	TBA				
		18689 1BIO 491	MASTER'S READINGS IN BIOLOGY	04.0	TBA				GJ
		18726 1BIO 495	MASTER'S RESEARCH IN BIOLOGY	00.0	TBA				
		18778 1BIO 516	CELL/DEV/MOL BIOLOGY SEM	01.0	W	1200 1345			
		18780 1BIO 580	JOURNAL CLUB IN ECO& EVOLUTN	01.0	T	1230 1345			
		18799 1BIO 584	SEMINAR IN EVOLUTION	01.0	F	1500 1615	RAMSEY J		
		18800 1BIO 591	PHD READINGS IN BIOLOGY	00.0	TBA				GJ
		18833 1BIO 595	PHD RESEARCH IN BIOLOGY	00.0	TBA				
		19033 1BIO 595A	PHD RESEARCH IN ABSENTIA	00.0	TBA				GJ
		19057 1BIO 895	CONT OF MASTERS ENROLLMENT	00.0	TBA				
		19066 1BIO 899	MASTER'S DISSERTATION	00.0	TBA				
		19082 1BIO 985	LEAVE OF ABSENCE	00.0	TBA				
		19098 1BIO 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
		19104 1BIO 997	DOCTORAL DISSERTATION	00.0	TBA				
		19161 1BIO 997A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ
		19176 1BIO 999	DOCTORAL DISSERTATION	00.0	TBA				
		19335 1BIO 999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ

THE COLLEGE: ARTS AND SCIENCES Continued

COURSE REF. NO.	DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
<i>BRAIN & COGNITIVE SCIENCE</i>										
15807	IBCS	110		NEURAL FOUNDATNS OF BEHAV CROSS-LISTED: 83394 IPSY 110 37388 ICYS 110	04.0	TR	0940 1055	HOLTZMAN D		
15815	IBCS	111		FOUNDATIONS OF COG SCIENCE	04.0	MW	1650 1805	ACHTMAN R		
15821	IBCS	151		PERCEPTION & ACTION CROSS-LISTED: 37397 ICYS 151 83413 IPSY 151	04.0	TR	1105 1220	WILLIAMS D		
15839	IBCS	152		LANGUAGE & PSYCHOLINGUISTICS CROSS-LISTED: 13573 IASL 260 57993 ILIN 217 83424 IPSY 152	04.0	MW	1400 1515	JAEGER F		
15842	IBCS	183		ANIMAL MINDS CROSS-LISTED: 83477 IPSY 183	04.0	TR	1230 1345	FABER B		
15850	IBCS	200		STATISTICAL ANALYSIS&EXP DSG CROSS-LISTED: 83490 IPSY 200	03.0	TR	1525 1640	KNILL D		
15868	IBCS	200L		STAT ANALYSIS&EXP DESIGN-LAB CROSS-LISTED: 83514 IPSY 200L	01.0	W	1230 1345	KNILL D		
15873	IBCS	200L		STAT ANALYSIS&EXP DESIGN-LAB CROSS-LISTED: 83523 IPSY 200L	01.0	R	0940 1055	KNILL D		
15884	IBCS	200L		STAT ANALYSIS&EXP DESIGN-LAB CROSS-LISTED: 83509 IPSY 200L	01.0	F	1525 1640	KNILL D		
15896	IBCS	205		LAB IN DEVELOPMENT&LEARNING CROSS-LISTED: 83537 IPSY 205	04.0	TR	1400 1515	ASLIN R		
92328	IBCS	233		STAT SPEECH&LANG PROCESSING CROSS-LISTED: 92284 ICSC 248 92296 ICSC 448 92304 ILIN 248 92310 ILIN 448 92332 IBCS 533	04.0	TR	0940 1055	ALLEN J		
15937	IBCS	240		BASIC NEUROBIOLOGY CROSS-LISTED: 16329 IBCS 507 67421 INSC 201	04.0	MWF	1300 1350	NORDEEN E		
15946	IBCS	240L		BASIC NEUROBIOLOGY LAB CROSS-LISTED: 16348 IBCS 507L 67439 INSC 201L	01.0	W	1400 1640	WELIKY M		
15958	IBCS	240L		BASIC NEUROBIOLOGY LAB CROSS-LISTED: 16356 IBCS 507L 67442 INSC 201L	01.0	R	0940 1220	WELIKY M		
15960	IBCS	240L		BASIC NEUROBIOLOGY LAB CROSS-LISTED: 16330 IBCS 507L 67450 INSC 201L	01.0	R	1525 1805	WELIKY M		
15985	IBCS	243		NEUROCHM FOUNDTNS OF BEHAVIO CROSS-LISTED: 16394 IBCS 543 67473 INSC 243	04.0	TR	0940 1055	KELLOGG C		
91285	IBCS	246		BIOLOGY OF MENTAL DISORDERS CROSS-LISTED: 91292 IBCS 546 91305 INSC 246 91318 IPSY 246	04.0	MW	1230 1345	KELLOGG C COMO P		
15992	IBCS	310		SENIOR SEMINAR	02.0	TBA		MAKOUS W		D
16005	IBCS	389		VISION SCI RESEARCH&COLLOQUI CROSS-LISTED: 37401 ICYS 389	02.0	TBA		WILLIAMS D		O
16018	IBCS	390		SUPERVISED TEACHING	00.0	TBA				GJ
16036	IBCS	391		INDEPENDENT STUDY	00.0	TBA				GJ
16142	IBCS	392		PRACTICUM	00.0	TBA				GJ
16173	IBCS	395		INDEPENDENT RESEARCH	00.0	TBA				GJ
16303	IBCS	399		ROCHESTER IN SUSSEX	16.0	TBA				GJ
91320	IBCS	501		LANGUAGE	03.0	TBA		NEWPORT E TANENHAUS M		
16329	IBCS	507		BASIC NEUROBIOLOGY CROSS-LISTED: 15937 IBCS 240 67421 INSC 201	03.0	MWF	1300 1350	NORDEEN E		AI
16330	IBCS	507L		BASIC NEUROBIOLOGY LAB CROSS-LISTED: 15960 IBCS 240L 67450 INSC 201L	01.0	R	1525 1805	WELIKY M		
16348	IBCS	507L		BASIC NEUROBIOLOGY LAB CROSS-LISTED: 15946 IBCS 240L 67439 INSC 201L	01.0	W	1400 1640	WELIKY M		
16356	IBCS	507L		BASIC NEUROBIOLOGY LAB CROSS-LISTED: 15958 IBCS 240L 67442 INSC 201L	01.0	R	0940 1220	WELIKY M		
16367	IBCS	510		DATA ANALYSIS I CROSS-LISTED: 36421 ICSP 504	03.0	TR	0940 1055	KLORMAN R		
91336	IBCS	512		COMP METHODS/COG SCI CROSS-LISTED: 91347 ICSC 512	03.0	TBA		JACOBS R		
93892	IBCS	513		MR INAGING: SPINS TO BRAINS CROSS-LISTED: 93907 INSC 513 93915 IPHY 513	03.0	TBA				
92332	IBCS	533		STAT SPEECH&LANG PROCESSING CROSS-LISTED: 92284 ICSC 248 92296 ICSC 448 92304 ILIN 248 92310 ILIN 448 92328 IBCS 233	04.0	TR	0940 1055	ALLEN J		
16394	IBCS	543		NEUROCHM FOUNDTNS OF BEHAVIO CROSS-LISTED: 15985 IBCS 243 67473 INSC 243	03.0	TR	0940 1055	KELLOGG C		

THE COLLEGE: ARTS AND SCIENCES Continued

COURSE REF. NO.

DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
91292	1BCS	546	BIOLOGY OF MENTAL DISORDERS CROSS-LISTED: 91285 1BCS 246 91305 1NSC 246 91318 1PSY 246	03.0	MW	1230 1345	KELLOGG C COMO P		
16413	1BCS	568	SIGN LANGUAGE UNIVERSALS CROSS-LISTED: 58180 1LIN 468	03.0	TBA		NEWPORT E		
16424	1BCS	591	PHD READINGS	00.0	TBA			GJ	
16431	1BCS	595	PHD RESEARCH	00.0	TBA				
16592	1BCS	595A	PHD RESEARCH IN ABSENTIA	00.0	TBA			GJ	
16619	1BCS	598	SUPERVISED TEACHING ASSISTANT	03.0	TBA				
16697	1BCS	985	LEAVE OF ABSENCE	00.0	TBA				
16700	1BCS	995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
16711	1BCS	997	DOCTORAL DISSERTATION	00.0	TBA				
16744	1BCS	997A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA			GJ	
16757	1BCS	999	DOCTORAL DISSERTATION	00.0	TBA				
16880	1BCS	999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA			GJ	

CENTER FOR VISUAL SCIENCE

37388	1CVS	110	NEURAL FOUNDATNS OF BEHAV CROSS-LISTED: 15807 1BCS 110 83394 1PSY 110	04.0	TR	0940 1055	HOLTZMAN D		
37397	1CVS	151	PERCEPTION & ACTION CROSS-LISTED: 15821 1BCS 151 83413 1PSY 151	04.0	TR	1105 1220	WILLIAMS D		
37401	1CVS	389	VISION SCI RESEARCH & COLLOQUI CROSS-LISTED: 16005 1BCS 389	02.0	TBA		WILLIAMS D	O	
37416	1CVS	391	INDEPENDENT STUDY	00.0	TBA			GJ	
37440	1CVS	491	MASTER'S READINGS	00.0	TBA			GJ	
37452	1CVS	493	MASTER'S SPECIAL TOPICS	00.0	TBA				
37469	1CVS	495	MASTER'S RESEARCH	00.0	TBA				
37483	1CVS	591	PHD READINGS	00.0	TBA			GJ	
37517	1CVS	595	PHD RESEARCH	00.0	TBA				
37578	1CVS	595A	PHD RESEARCH IN ABSENTIA	00.0	TBA			GJ	

CHEMISTRY

29308	1CHM	131	CHM CONCPTS, SYST, PRACT I INSTRUCTORS WILL COORDINATE LAB LECTURE, LABORATORY AND RECITATION/WORKSHOP ASSIGNMENTS DURING THE FIRST WEEK OF CLASSES. LAB LECTURES ARE OFFERED ON MONDAY 1200-1250 AND TUESDAY 1230-1320 AND YOU MUST LEAVE OPEN ONE OF THESE TIME SLOTS FOR YOUR LAB LECTURE.	05.0	MWF	1300 1350	KRAUST T		
29313	1CHM	131	CHM CONCPTS, SYST, PRACT I INSTRUCTORS WILL COORDINATE LAB LECTURE, LABORATORY AND RECITATION/WORKSHOP ASSIGNMENTS DURING THE FIRST WEEK OF CLASSES. LAB LECTURES ARE OFFERED ON MONDAY 1200-1250 AND TUESDAY 1230-1320 AND YOU MUST LEAVE OPEN ONE OF THESE TIME SLOTS FOR YOUR LAB LECTURE.	05.0	TR	1105 1220	KRUGHT T		
29738	1CHM	171Q	STRUCT-REACTIVITY PRINCIPLE	04.0	MWF	1300 1350	GOODMAN J	P	
29740	1CHM	173Q	ORGANIC CHEMISTRY LAB	01.0	R	1400 1805	GOODMAN J	P	
29752	1CHM	203	ORGANIC CHEMISTRY	04.0	MWF	1100 1150	DINNOCENZO J		
30013	1CHM	207	ORG LAB LECTURE	01.0	M	1650 1805	TODER B		
30086	1CHM	211	INORGANIC CHEMISTRY I CROSS-LISTED: 30506 1CHM 411	04.0	TR	0940 1055	EISENBERG R		
30090	1CHM	231	CHEMICAL INSTRUMENTATION CROSS-LISTED: 30120 1CHM 231W STUDENTS MUST REGISTER FOR A LAB WHEN REGISTERING FOR THE MAIN SECTION.	04.0	TR	1230 1345			
30105	1CHM	231	CHEMICAL INSTRUMENTATN-LAB	LAB	TR	1400 1640			
30118	1CHM	231	CHEMICAL INSTRUMENTATN-LAB	LAB	MW	1400 1640			
30120	1CHM	231W	CHEMICAL INSTRUMENTATION CROSS-LISTED: 30090 1CHM 231 STUDENTS MUST REGISTER FOR A LAB WHEN REGISTERING FOR THE MAIN SECTION.	04.0	TR	1230 1345			
30136	1CHM	251	PHYSICAL CHEMISTRY I CROSS-LISTED: 30570 1CHM 441	04.0	MWF	1100 1150	FARRAR J		
30147	1CHM	251	PHYSICAL CHEMISTRY I-REC	REC	T	1230 1345			
30154	1CHM	251	PHYSICAL CHEMISTRY I - REC	REC	T	1650 1805			
30163	1CHM	251	PHYSICAL CHEMISTRY I-REC	REC	W	1650 1805			
30172	1CHM	251	PHYSICAL CHEMISTRY I-REC	REC	T	1650 1805			
30189	1CHM	251	PHYSICAL CHEMISTRY I-REC	REC	R	1650 1805			

THE COLLEGE: ARTS AND SCIENCES Continued

COURSE REF. NO.	DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
30191	ICHM	352		CHM ISSUES IN SG LEADERSHIP CROSS-LISTED: 23372 ICAS 352	02.0	F	1400 1515	PEREZ C	A	
30200	ICHM	390		SUPERVISED TEACHING	00.0	TBA				GJ
30225	ICHM	391		INDEPENDENT STUDY	00.0	TBA				GJ
30282	ICHM	393		SENIOR PROJECT	00.0	TBA				GJ
30399	ICHM	393W		SENIOR PROJECT	00.0	TBA				GJ
30403	ICHM	395		INDEPENDENT RES	00.0	TBA				GJ
30506	ICHM	411		INORGANIC CHEMISTRY I CROSS-LISTED: 30086 ICHM 211	04.0	TR	0940 1055	EISENBERG R		
30519	ICHM	417		X-RAY CRYSTALLOGRAPHY	02.0	MW	1100 1215	BRENNESEL W		
30522	ICHM	421		BASIC ORGANOMETALLIC CHEM	02.0	TR	1230 1345	EISENBERG R		
30535	ICHM	423		ORGANOMETALLIC CHEMISTRY-SUR	02.0	TR	1105 1220	JONES W		
30541	ICHM	433		ADV PHYSICAL ORGANIC CHEM I	04.0	MW	0900 1015	NG M		
30553	ICHM	435		ORGANIC REACTIONS	04.0	MW	1815 1930			
30564	ICHM	437		BIOORGANIC CHEMISTRY	04.0	TR	0940 1055	NILSSON B		
30570	ICHM	441		PHYSICAL CHEMISTRY I CROSS-LISTED: 30136 ICHM 251	04.0	MWF	1100 1150	FARRAR J		
30588	ICHM	455		THERMODYNAMICS & STAT MECH	04.0	MW	0900 1020	OVCHINNIKOV M		
30597	ICHM	458		MOLECULAR SPECTROSCOPY & STR	02.0	TR	0940 1055	MCCAMANT D		
30601	ICHM	460		CHEMICAL KINETICS	02.0	TR	0940 1055	MCCAMANT D		
30616	ICHM	470		COMPUTATIONAL CHEMISTRY	04.0	MW	1030 1145	STERN H		
30627	ICHM	491		MASTER'S READINGS IN CHEM	00.0	TBA				GJ
30793	ICHM	495		MASTER'S RESEARCH	00.0	TBA				
30914	ICHM	511		PHYSICAL/INORGANIC CHEM SEM	00.0	MF	1525 1805			
30923	ICHM	513		ORGANIC CHEMISTRY SEMINAR	00.0	F	0900 1050			
30937	ICHM	583		CHEMISTRY COLLOQUIA	00.0	W	1600 1755			
30946	ICHM	583		CHEMISTRY COLLOQUIA	00.0	W	1200 1350			
30958	ICHM	591		PHD READINGS IN CHEMISTRY	00.0	TBA				GJ
30971	ICHM	593		SPECIAL TOPICS IN CHEMISTRY	02.0	TR	1525 1805			
30985	ICHM	595		PHD RESEARCH IN CHEMISTRY	00.0	TBA				
31228	ICHM	595A		PHD RESEARCH IN ABSENTIA	00.0	TBA				GJ
31249	ICHM	895		CONT OF MASTER'S ENROLLMENT	00.0	TBA				
31255	ICHM	899		MASTER'S DISSERTATION	00.0	TBA				
31293	ICHM	985		LEAVE OF ABSENCE	00.0	TBA				GJ
31307	ICHM	995		CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
31315	ICHM	997		DOCTORAL DISSERTATION	00.0	TBA				
31527	ICHM	997A		DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ
31552	ICHM	999		DOCTORAL DISSERTATION	00.0	TBA				
31771	ICHM	999A		DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ

CHINESE-PLEASE SEE MODERN LANGUAGES AND CULTURES

CLASSICAL STUDIES-PLEASE SEE RELIGION AND CLASSICS

CLINICAL & SOCIAL SCIENCES IN PSYCHOLOGY

35614	ICSP	171		SOCIAL & EMOTIONAL DEV CROSS-LISTED: 83431 IPSY 171	04.0	TR	1105 1220			
35623	ICSP	171W		SOCIAL & EMOTIONAL DEV CROSS-LISTED: 83445 IPSY 171W	00.5	TBA				A
35637	ICSP	181		THY OF PERSONALITY&PSYCHOTHE CROSS-LISTED: 83459 IPSY 181	04.0	MW	1525 1640			
35646	ICSP	181W		THY OF PERSONALITY&PSYCHOTHE	00.5	TBA				A
35658	ICSP	211		INTRO STATISTCL MTHDS IN PSY CROSS-LISTED: 83546 IPSY 211	04.0	MW	1230 1345	HUTA V		
35660	ICSP	219W		RESEARCH METHODS OF PSYCLGY CROSS-LISTED: 83558 IPSY 219W	04.0	TR	0940 1055	ROGGE R		
35671	ICSP	263		RELATIONSHIPS PROCESS&EMOTN CROSS-LISTED: 83571 IPSY 263	04.0	MW	1400 1515			
35692	ICSP	264		INDUSTRIAL&ORGANIZATNAL PSYC CROSS-LISTED: 83592 IPSY 264	04.0	MW	1650 1805	COOK G		
35701	ICSP	264W		INDUSTRIAL&ORGANIZATNAL PSYC CROSS-LISTED: 83606 IPSY 264W	00.5	TBA		COOK G		A
35716	ICSP	267		PSYCHOLOGY OF GENDER CROSS-LISTED: 83619 IPSY 267	04.0	TR	1400 1515			
35727	ICSP	267W		PSYCHOLOGY OF GENDER CROSS-LISTED: 83622 IPSY 267W	00.5	TBA				A
93193	ICSP	276		PSYCHOLOGY OF PARENTING CROSS-LISTED: 93208 IPSY 276	04.0	TR	1105 1220	MCDOWELL D		
35738	ICSP	301W		TEACHING PSYCHOLOGY CROSS-LISTED: 83635 IPSY 301W	06.0	MWF	1200 1250	MCADAM D		A

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COURSE REF. NO.

DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
35740	1CSP	310W	HONORS RESEARCH CROSS-LISTED: 83641 Ipsy 310W	04.0	TBA		KLORMAN R	A	
35752	1CSP	351	RESEARCH IN DEV NEUROPSYCHOL CROSS-LISTED: 83653 Ipsy 351	04.0	TBA		BENNETTO L	A	
93747	1CSP	353	RESRCH IN CHILDRN'S SOC DEV CROSS-LISTED: 93754 Ipsy 353	04.0	TBA		MCDOWELL D		
35774	1CSP	368W	SEMINAR IN HUMANISTIC PSYCH CROSS-LISTED: 83670 Ipsy 368W	04.0	T	1400 1640	DECI E	A	
35783	1CSP	373	EXPLORING RES. IN SOC PSY I CROSS-LISTED: 83688 Ipsy 373	04.0	TBA		ELLIOT A	A	
35795	1CSP	373W	EXPLORING RES. IN SOC PSY I CROSS-LISTED: 83697 Ipsy 373W	00.5	TBA		ELLIOT A	A	
36175	1CSP	375	ADV TOP: RELATIONSHPS&EMOTNS CROSS-LISTED: 84263 Ipsy 375	04.0	W	1525 1805	REIS H	A	
35803	1CSP	377	EXPLORING RESRCH IN FAM PSY CROSS-LISTED: 83700 Ipsy 377 36260 ICSP 477	04.0	TBA		DAVIES P	A	
35812	1CSP	377W	ESPLORING RESRCH IN FAM PSY CROSS-LISTED: 36260 ICSP 477 83711 Ipsy 377W	00.5	TBA		DAVIES P	A	
35829	1CSP	383	MORAL DEVELOPMENT CROSS-LISTED: 83725 Ipsy 383	04.0	T	1400 1640	SMETANA J		
35830	1CSP	383W	MORAL DEVELOPMENT	00.5	TBA		SMETANA J	A	
35848	1CSP	384	PRAC IN DEVELOP DISABILITIES CROSS-LISTED: 83744 Ipsy 384	04.0	TBA		BENNETTO L	A	
35856	1CSP	390	SUPERVISED TEACHING	00.0	TBA				GJ
35900	1CSP	391	INDEPENDENT STUDY	00.0	TBA				GJ
36051	1CSP	392	PRACTICUM	00.0	TBA				GJ
36078	1CSP	394	INTERNSHIP	00.0	TBA				GJ
36156	1CSP	394W	INTERNSHIP	00.0	TBA				GJ
36260	1CSP	477	ESPLORING RESRCH IN FAM PSY	03.0	TBA		DAVIES P	A	
36271	1CSP	495	MASTER'S RESEARCH	00.0	TBA				
36421	1CSP	504	DATA ANALYSIS I CROSS-LISTED: 16367 IBCS 510	03.0	TR	0940 1055	KLORMAN R		
36439	1CSP	509	SEMINAR IN PSYCHOTHERAPY	01.0	TBA		SCHWARTZ A	AJ	
36442	1CSP	510	RESEARCH METHODS IN PSYCH	03.0	F	0900 1230	ZUCKERMAN M		
36450	1CSP	552	HUMAN MOTIVATION & EMOTION	03.0	M	1430 1730	DECI E		
36468	1CSP	553	SEMINAR IN SOCIAL PSYCHOLOGY	03.0	M	0930 1200	ELLIOT A		
92376	1CSP	555	CLOSE RELATIONSHIPS	03.0	TBA		REIS H		
93763	1CSP	558	PEER RELATIONS	03.0	W	1300 1600	MCDOWELL D		
36473	1CSP	561	TOPICS IN SOCIAL PSYCH RSCH	01.0	TBA		ELLIOT A		
93736	1CSP	569	DEVELOPMENTAL THEORY&RESRCH	03.0	W	0930 1150	SMETANA J		
36484	1CSP	570	CLINICAL ASSESSMENT I	03.0	MW	1030 1200	BENNETTO L		
36500	1CSP	575	PSYCHOPATHOLOGY	03.0	R	1300 1600	TOTH S		
36511	1CSP	577	RESEARCH SEM IN MOTIVATN I	03.0	F	1400 1600	RYAN R		
36533	1CSP	584	PSYCHOTHERAPY PRACTICUM I	03.0	F	0900 1200	RYAN R		
36544	1CSP	588	CLINICAL PRECEPTORIAL	03.0	TBA		BENNETTO L		
36557	1CSP	588	CLINICAL PRECEPTORIAL	03.0	TBA		SCHIPPELL P		
36566	1CSP	588	CLINICAL PRECEPTORIAL	03.0	TBA		TALBOT N		
36579	1CSP	588	CLINICAL PRECEPTORIAL	03.0	TBA		PALUMBO D		
36582	1CSP	591	PHD READINGS	00.0	TBA				GJ
36693	1CSP	593	SPECIAL PROBLEMS	00.0	TBA				
36741	1CSP	594	INTERNSHIP RESEARCH	00.0	TBA				GJ
36770	1CSP	595	PHD RESEARCH	00.0	TBA				
36940	1CSP	595A	PHD RESEARCH IN ABSENTIA	00.0	TBA				GJ
36969	1CSP	598	SEMINAR IN TEACHING	03.0	TBA		ZUCKERMAN M		
36974	1CSP	895	CONT OF MASTER'S ENROLLMENT	00.0	TBA				
36983	1CSP	899	MASTER'S DISSERTATION	00.0	TBA				
36995	1CSP	985	LEAVE OF ABSENCE	00.0	TBA				
37000	1CSP	997	DOCTORAL DISSERTATION	00.0	TBA				
37110	1CSP	997A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ
37187	1CSP	999	DOCTORAL DISSERTATION	00.0	TBA				
37319	1CSP	999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ

COMPARATIVE LITERATURE-PLEASE SEE MODERN LANGUAGES AND CULTURES

COMPUTER SCIENCE

33497	1CSC	108	INTRO TO COMPUTERS STUDENTS MUST REGISTER FOR A LAB WHEN REGISTERING FOR THE MAIN SECTION.	04.0	TR	1650 1805	HORN C		
33503	1CSC	108	INTRO TO COMPUTERS - LAB	LAB	MW	1400 1515	HORN C		
33512	1CSC	108	INTRO TO COMPUTERS - LAB	LAB	MW	1815 1930	HORN C		

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COURSE REF. NO.

DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
		33530 ICSC 108	INTRO TO COMPUTERS - LAB	LAB	MW	1525 1640	HORN C		
		33548 ICSC 108	INTRO TO COMPUTERS - LAB	LAB	MW	1650 1805	HORN C		
		33556 ICSC 108	INTRO TO COMPUTERS - LAB	LAB	TR	1815 1930	HORN C		
		33567 ICSC 170	INTRO COMPUTER PROGRAMMING STUDENTS MUST REGISTER FOR A LAB WHEN REGISTERING FOR THE MAIN SECTION.	04.0	MW	1650 1805	ARNOLD K		
		33575 ICSC 170	INTRO COMPUTER PROGRAM-LAB	LAB	TR	1230 1345	ARNOLD K		
		33581 ICSC 170	INTRO COMPUTER PROGRAM-LAB	LAB	TR	1400 1515	ARNOLD K		
		33594 ICSC 170	INTRO COMPUTER PROGRAM-LAB	LAB	TR	1650 1805	ARNOLD K		
		33608 ICSC 170	INTRO COMPUTER PROGRAM-LAB	LAB	TR	1815 1930	ARNOLD K		
		33677 ICSC 171	COMPUTER PROGRAMMING STUDENTS MUST REGISTER FOR A LAB WHEN REGISTERING FOR THE MAIN SECTION.	04.0	TR	1525 1640	PAWLICKI T		
		33707 ICSC 171	COMPUTER PROGRAMMING-LAB	LAB	TR	1105 1220	PAWLICKI T		
		33721 ICSC 171	COMPUTER PROGRAMMING-LAB	LAB	MW	1400 1515	PAWLICKI T		
		33739 ICSC 171	COMPUTER PROGRAMMING-LAB	LAB	MW	1650 1805	PAWLICKI T		
		92273 ICSC 171	COMPUTER PROGRAMMING-LAB	LAB	TR	0940 1055	PAWLICKI T		
		33796 ICSC 173	COMPUTATION & FORMAL SYSTEMS	04.0	TR	1400 1515	BROWN C		
		33804 ICSC 190	ISSUES IN CS: RECREATN GRPH I	02.0	T	1650 1805			
		33810 ICSC 190B	RECREATIONAL GRAPHICS II	02.0	R	1650 1805			
		33828 ICSC 190C	RECREATIONAL GRAPHICS III	02.0	T	1650 1805			
		33832 ICSC 190D	RECREATIONAL GRAPHICS IV	02.0	R	1650 1805			
		92590 ICSC 217	UNCERTAIN INFERENCE CROSS-LISTED: 91246 1PHL 217 91258 1PHL 417 92605 ICSC 417	04.0	MW	1230 1345			
		33861 ICSC 244	LOGICAL FOUNDATIONS OF A.I. CROSS-LISTED: 34413 ICSC 444	04.0	TR	1525 1640	SCHUBERT L		
		92284 ICSC 248	STAT SPEECH&LANG PROCESSING CROSS-LISTED: 92296 ICSC 448 92304 1LIN 248 92310 1LIN 448 92328 1BCS 233 92332 1BCS 533	04.0	TR	0940 1055	ALLEN J		
		33887 ICSC 254	PROG LANGUAGE DESIGN & IMP.	04.0	TR	1230 1345	SCOTT M		
		92349 ICSC 256	OPERATING SYSTEMS CROSS-LISTED: 92355 ICSC 456	04.0	TR	1400 1515	DWARKADAS S		
		33902 ICSC 257	COMPUTER NETWORKS CROSS-LISTED: 34445 ICSC 457	04.0	MW	1525 1640	SHEN K		
		33917 ICSC 282	DESIGN&ANALYSIS EFFICIENT ALG.	04.0	TR	1105 1220	GILDEA D		
		33926 ICSC 286	COMPUTATIONAL COMPLEXITY CROSS-LISTED: 34459 ICSC 486	04.0	MW	1400 1515	HEMASPAANDRA		
		33934 ICSC 287	ADV MODES IN COMPUTATION CROSS-LISTED: 34462 ICSC 487	04.0	TR	1230 1345	SEIFERAS J		
		33943 ICSC 290A	ELEC COMMERCE&ALG GAME THRY	04.0	MW	1400 1515	STEFANKOVIC D		
		33965 ICSC 390	SUPERVISED TEACHING	00.0	TBA				GJ
		34054 ICSC 391	INDEPENDENT STUDY	00.0	TBA				GJ
		34216 ICSC 391H	INDEPENDENT STUDY-HONORS	00.0	TBA				GJ
		34240 ICSC 392	PRACTICUM	00.0	TBA				GJ
		34269 ICSC 393	SENIOR PROJECT	00.0	TBA				GJ
		34303 ICSC 393H	SENIOR PROJECT-HONORS	00.0	TBA				GJ
		34330 ICSC 394	INTERNSHIP	00.0	TBA				GJ
		34356 ICSC 395	RESEARCH	00.0	TBA				GJ
		34394 ICSC 395H	HONORS SENIOR THESIS	00.0	TBA				GJ
		34408 ICSC 400	PROBLEM SEMINAR	04.0	WF	1100 1215	NELSON R		Q
		92605 ICSC 417	UNCERTAIN INFERENCE CROSS-LISTED: 91246 1PHL 217 91258 1PHL 417 92590 ICSC 217	04.0	MW	1230 1345			
		34413 ICSC 444	LOGICAL FOUNDATIONS OF A.I. CROSS-LISTED: 33861 ICSC 244	04.0	TR	1525 1640	SCHUBERT L		
		92296 ICSC 448	STAT SPEECH&LANG PROCESSING CROSS-LISTED: 92284 ICSC 248 92304 1LIN 248 92310 1LIN 448 92328 1BCS 233 92332 1BCS 533	04.0	TR	0940 1055	ALLEN J		
		92355 ICSC 456	OPERATING SYSTEMS CROSS-LISTED: 92349 ICSC 256	04.0	TR	1400 1515	DWARKADAS S		
		34445 ICSC 457	COMPUTER NETWORKS CROSS-LISTED: 33902 ICSC 257	04.0	MW	1525 1640	SHEN K		
		34459 ICSC 486	COMPUTATIONAL COMPLEXITY CROSS-LISTED: 33926 ICSC 286	04.0	MW	1400 1515	HEMASPAANDRA		
		34462 ICSC 487	ADV MODES IN COMPUTATION CROSS-LISTED: 33934 ICSC 287	04.0	TR	1230 1345	SEIFERAS J		
		34477 ICSC 490	SUPERVISED TEACHING	00.0	TBA				
		34490 ICSC 491	ADVANCED READINGS CSC	00.0	TBA				GJ
		34641 ICSC 495	ADVANCED RESEARCH CSC	00.0	TBA				
		91347 ICSC 512	COMP METHODS/COG SCI CROSS-LISTED: 91336 1BCS 512	03.0	TBA		JACOBS R		
		34802 ICSC 591	PHD READINGS IN CSC	00.0	TBA				GJ
		34961 ICSC 594	INTERNSHIP	00.0	TBA				GJ
		35007 ICSC 595	PHD RESEARCH IN CSC	00.0	TBA				

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COURSE REF. NO.

DEPT.	CREDIT				DEGREE					
COURSE NUMBER	COURSE TITLE	HOURS	DAYS	FROM	TO	INSTRUCTOR	RES	AUDIT		
35178 ICSC 595A	PHD RESEARCH IN ABSENTIA	00.0	TBA							GJ
35180 ICSC 597	COMPUTER SCIENCE COLLOQUIUM	00.0	M	1030	1200					
35199 ICSC 895	CONT OF MASTER'S ENROLLMENT	00.0	TBA							
35206 ICSC 899	MASTER'S DISSERTATION	00.0	TBA							
35222 ICSC 985	LEAVE OF ABSENCE	00.0	TBA							
35235 ICSC 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA							
35241 ICSC 997	DOCTORAL DISSERTATION	00.0	TBA							
35390 ICSC 997A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA							GJ
35418 ICSC 999	DOCTORAL DISSERTATION	00.0	TBA							
35587 ICSC 999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA							GJ

DANCE

37580 IDAN 102	FUNDAMENTALS OF MOVEMENT	02.0	TR	1105	1220	SMITH M				
37599 IDAN 103	FUNDAMENTALS OF MOVEMENT II	02.0	TR	1105	1220	SMITH M				
37603 IDAN 114	INTRODUCTION TO YOGA	02.0	WF	1230	1345	MCCAUSLAND J				T
37612 IDAN 120	INTRODUCTION TO AIKIDO	02.0	TR	1930	2050	LAHUE J				T
37629 IDAN 180	CREATIVE MIDDLE EASTERN DAN	02.0	TR	1815	1930	SCOTT K				
37630 IDAN 202	CONTACT IMPROVISATION I	02.0	MW	1815	1945	PIGNO N				
37648 IDAN 203	CONTACT IMPROVISATION II	02.0	MW	1815	1945	PIGNO N				
37656 IDAN 204	CONTACT IMPROV & CULTURE	04.0	MW	1815	1945	PIGNO N				
94105 IDAN 205	AN ON-SCREEN TOUR OF DANCE	04.0	MW	1400	1515	MARTINO K				
94118 IDAN 205	AN ON-SCREEN TOUR OF DAN-LAB	LAB	T	1815	2115					
37667 IDAN 208	T'AI CHI & CHINESE THOUGHT	02.0	TR	1525	1640	LOUGHRIDGE R				
37675 IDAN 209	QI GONG & CHINESE THOUGHT	02.0	TR	1400	1515	LOUGHRIDGE R				
37681 IDAN 214	COMMUNITY, EARTH & BODY CROSS-LISTED: 90709 1WST 215	04.0	TR	1230	1345	HOOK J				
37705 IDAN 270	CAPOEIRA: BRAZILIAN ART MOV	02.0	MW	1650	1805	RUSSELL T				
37718 IDAN 280	WEST AFRICAN DANCE	02.0	MW	1525	1640	MARTINO K				
94120 IDAN 340C	CROSS-PATTERNING&BODYWORK	02.0	TR	1650	1805	HOLLAND J				
94090 IDAN 342	CREATV IMPROV-WRLD PERCUSSN	02.0	TR	1815	1930	HOLLAND J				
37736 IDAN 391	INDEPENDENT STUDY	00.0	TBA							GJ

EARTH & ENVIRONMENTAL SCIENCES

45175 IEES 101	INTRO PHYSICAL GEOLOGY	04.0	MWF	0900	0950	GARZIONE C				
45194 IEES 101	INTRO PHYSICAL GEOLOGY-LAB	LAB	M	1400	1640					
45209 IEES 101	INTRO PHYSICAL GEOLOGY-LAB	LAB	T	1400	1640					
45214 IEES 101	INTRO PHYSICAL GEOLOGY-LAB	LAB	R	1400	1640					
45223 IEES 106	METEORITES & IMPACT CRATERS	04.0	TR	1525	1640	BASU A				
45246 IEES 206	PETROLOGY & GEOCHEMISTRY CROSS-LISTED: 45604 IEES 406 45258 IEES 206W	04.0	TR	0940	1055	BASU A				
45258 IEES 206W	PETROLOGY & GEOCHEMISTRY CROSS-LISTED: 45246 IEES 206 45604 IEES 406	04.0	TR	0940	1055	BASU A				
45260 IEES 208	STRUCTURAL GEOLOGY	04.0	TR	1105	1220	MITRA G				
45271 IEES 208	STRUCTURAL GEOLOGY-LAB	LAB	M	1400	1640					
45285 IEES 215	ENVIRONMENTAL GEOPHYSICS	04.0	TR	0940	1055	FEHN U				
45292 IEES 218	CHEMISTRY OF GLOBAL CHANGE CROSS-LISTED: 45610 IEES 418 45305 IEES 218W	04.0	MW	1650	1805	POREDA R				
45305 IEES 218W	CHEMISTRY OF GLOBAL CHANGE CROSS-LISTED: 45292 IEES 218 45610 IEES 418	04.0	MW	1650	1805	POREDA R				
94225 IEES 253	GEODYNAMICS CROSS-LISTED: 94233 IEES 253W 94257 IEES 453	04.0	MW	1230	1345	EBINGER C				
94233 IEES 253W	GEODYNAMICS CROSS-LISTED: 94225 IEES 253 94257 IEES 453	04.0	MW	1230	1345	EBINGER C				
94669 IEES 256	PALEOMAG&GLOBAL PLATE TECHT CROSS-LISTED: 94674 IEES 256W 94683 IEES 456	04.0	TBA			COTTRELL R				
94674 IEES 256W	PALEOMAG&GLOBAL PLATE TECHT CROSS-LISTED: 94669 IEES 256 94683 IEES 456	04.0	TBA			COTTRELL R				
94200 IEES 283	SEDIMENTARY BASIN ANALYSIS CROSS-LISTED: 94211 IEES 283W 94244 IEES 483	04.0	TBA			GARZIONE C				
94211 IEES 283W	SEDIMENTARY BASIN ANALYSIS CROSS-LISTED: 94200 IEES 283 94244 IEES 483	04.0	TBA			GARZIONE C				
45336 IEES 299	FIELD GEOLOGY CROSS-LISTED: 45347 IEES 299W	06.0	TBA							A
45347 IEES 299W	FIELD GEOLOGY	06.0	TBA							A

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COURSE REF. NO.	DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
45354	IEES	390		SUPERVISED COLLEGE TEACHING	00.0	TBA				GJ
45407	IEES	391		INDEPENDENT STUDY	00.0	TBA				GJ
45473	IEES	391W		INDEPENDENT STUDY	00.0	TBA				GJ
45484	IEES	393		SENIOR THESIS	00.0	TBA				GJ
45525	IEES	393W		SENIOR THESIS	00.0	TBA				GJ
45544	IEES	394		INTERNSHIP	00.0	TBA				GJ
45582	IEES	395		INDEPENDENT RESEARCH	00.0	TBA				GJ
45604	IEES	406		PETROLOGY & GEOCHEMISTRY CROSS-LISTED: 45246 IEES 206 45258 IEES 206W	04.0	TR	0940 1055	BASUA		
45610	IEES	418		CHEMISTRY OF GLOBAL CHANGE CROSS-LISTED: 45292 IEES 218 45305 IEES 218W	04.0	MW	1650 1805	POREDA R		
94257	IEES	453		GEODYNAMICS CROSS-LISTED: 94225 IEES 253 94233 IEES 253W	04.0	MW	1230 1345	EBINGER C		
94683	IEES	456		PALEOMAG&GLOBAL PLATE TECT. CROSS-LISTED: 94669 IEES 256 94674 IEES 256W	04.0	TBA		COTTRELL R		
94244	IEES	483		SEDIMENTARY BASIN ANALYSIS CROSS-LISTED: 94200 IEES 283 94211 IEES 283W	04.0	TBA		GARZIONE C		
45632	IEES	490		SUPERVISED COLLEGE TEACHING	00.0	TBA				
45719	IEES	491		MASTER'S READINGS IN GEOLOGY	00.0	TBA				GJ
45770	IEES	492		GRADUATE FIELD SEMINAR	04.0	TBA				
45788	IEES	493		MASTER'S ESSAY	00.0	TBA				
45824	IEES	495		MASTER'S RESEARCH IN GEOLOGY	00.0	TBA				
45890	IEES	499		RESEARCH FRONTIERS IN GEO SC	01.0	TBA				
45901	IEES	591		PHD READINGS IN GEOLOGY	00.0	TBA				GJ
45952	IEES	594		PHD RESEARCH INTERNSHIP	00.0	TBA				GJ
45974	IEES	595		PHD RESEARCH IN GEOLOGY	00.0	TBA				
46056	IEES	595A		PHD RESEARCH IN ABSENTIA	00.0	TBA				GJ
46067	IEES	895		CONT OF MASTER'S ENROLLMENT	00.0	TBA				
46075	IEES	897		MASTERS DISSERTATION	00.0	TBA				GJ
46094	IEES	899		MASTER'S DISSERTATION	00.0	TBA				
46131	IEES	985		LEAVE OF ABSENCE	00.0	TBA				
46145	IEES	995		CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
46159	IEES	997		DOCTORAL DISSERTATION	00.0	TBA				
46190	IEES	999		DOCTORAL DISSERTATION	00.0	TBA				
46261	IEES	999A		DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ

ECONOMICS

39800	IECO	108		PRINCIPLES OF ECONOMICS STUDENT'S MUST REGISTER FOR A RECITATION WHEN REGISTER FOR THE MAIN SECTION.	04.0	TR	1400 1515	CHANG Y		
39811	IECO	108		PRINCIPLES OF ECONOMICS-REC	REC	F	1525 1640			
39825	IECO	108		PRINCIPLES OF ECONOMICS-REC	REC	F	1000 1050			
39833	IECO	108		PRINCIPLES OF ECONOMICS-REC	REC	F	1300 1350			
39844	IECO	108		PRINCIPLES OF ECONOMICS-REC	REC	F	1100 1150			
39857	IECO	108		PRINCIPLES OF ECONOMICS-REC	REC	F	1200 1250			
39866	IECO	108		PRINCIPLES OF ECONOMICS-REC	REC	F	1200 1250			
39879	IECO	108		PRINCIPLES OF ECONOMICS-REC	REC	F	1400 1515			
39882	IECO	108		PRINCIPLES OF ECONOMICS-REC	REC	F	0900 0950			
39898	IECO	192Q		ECO OF POPULATION GROWTH	04.0	MW	1400 1515	OIW		P
39903	IECO	207		INTERMEDIATE MICROECONOMICS	04.0	MW	1400 1515	LANDSBURG S		
39912	IECO	207		INTERMEDIATE MICROECONOMICS	04.0	MW	1525 1640	LANDSBURG S		
39929	IECO	207		INTERMEDIATE MICROECONMC REC	REC	F	1100 1150			
39930	IECO	207		INTERMEDIATE MICROECONMC REC	REC	M	1300 1350			
39948	IECO	209		INTERMEDIATE MACROECONOMICS	04.0	MW	1400 1515	HAWKINS W		
39956	IECO	209		INTERMEDIATE MACROECONMC REC	REC	F	1400 1515			
39967	IECO	209H		INTERMEDIATE MACRO - HONORS	04.0	TR	0940 1055	ABRAHAM A		
94494	IECO	223		LABOR MARKETS CROSS-LISTED: 94506 IECO 223W	04.0	MW	1400 1515	PAVAN R		
94506	IECO	223W		LABOR MARKETS CROSS-LISTED: 94494 IECO 223	04.0	MW	1400 1515	PAVAN R		
39975	IECO	230		ECONOMIC STATISTICS	04.0	MW	1525 1640			
39981	IECO	231W		ECONOMETRICS	04.0	MW	1815 1930			
39994	IECO	231W		ECONOMETRICS - REC	REC	F	1300 1350			
40005	IECO	231W		ECONOMETRICS - REC	REC	F	1650 1805			
91735	IECO	252		ECO & SOCIETIES IN LATIN AMER CROSS-LISTED: 91719 IHIS 203 91722 IAAS 252	04.0	TR	1105 1220	INIKORI J		
40047	IECO	253W		ECO & SOC CONDITNS OF AFR-AM CROSS-LISTED: 10078 IAAS 253 53013 IHIS 255	04.0	TR	1400 1515	ENGERMAN S		

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COURSE REF. NO.	DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM	DEGREE TO	INSTRUCTOR	RES	AUDIT
40054	IECO	265	LAW & ECONOMICS CROSS-LISTED: 40063 IECO 265W	04.0	TR	1105	1220	OIW			
40063	IECO	265W	LAW & ECONOMICS CROSS-LISTED: 40054 IECO 265	04.0	TR	1105	1220	OIW			
40072	IECO	269	INTERNATIONAL ECONOMICS CROSS-LISTED: 40089 IECO 269W	04.0	TR	1400	1515	JONES R			
40089	IECO	269W	INTERNATIONAL ECONOMICS CROSS-LISTED: 40072 IECO 269	04.0	TR	1400	1515	JONES R			
40091	IECO	288	GAME THEORY CROSS-LISTED: 81009 1PSC 288	04.0	MW	1400	1515	KALANDRAKIS A			
91938	IECO	385W	ATLANTIC SLAVE TRADE & AFRICA CROSS-LISTED: 91916 IHIS 356W 91927 LAAS 375W 91940 IHIS 456	04.0	W	1400	1640	INIKORI J			
40107	IECO	390	SUPERVISED TEACHING	00.0	TBA					GJ	
40238	IECO	391	INDEPENDENT STUDY	00.0	TBA					GJ	
40381	IECO	391W	INDEPENDANT STUDY	00.0	TBA						
40413	IECO	393	SENIOR PROJECT	00.0	TBA					GJ	
40431	IECO	394	INTERNSHIP	00.0	TBA					GJ	
40606	IECO	394W	INTERNSHIP	00.0	TBA					GJ	
40641	IECO	396	WORKSHOP PROGRAM	04.0	TBA						
40653	IECO	471	MODERN VALUE THEORY I	04.0	MR	1730	1900	EPSTEIN L			
					W	1400	1530				
40664	IECO	475	MACROECONOMICS	04.0	MW	0900	1050	HONG J			
40670	IECO	481	INTRO TO MATH ECONOMICS	04.0	TR	0940	1055				
40688	IECO	483	INTRO TO MATH STATISTICS	02.0	TR	1105	1220	YILDIZ N			
40697	IECO	484	INTRO TO ECONOMETRICS	02.0	TR	1105	1220	YILDIZ N			
40700	IECO	491	MASTER'S READINGS IN ECON	00.0	TBA					GJ	
40757	IECO	493	MASTER'S ESSAY	00.0	TBA						
40976	IECO	495	MASTER'S RESEARCH IN ECON	00.0	TBA						
41013	IECO	501	SEMINAR IN LABOR ECONOMICS	05.0	W	0900	1200	SCHOENBERG U			
41024	IECO	507	ECONOMIC THEORY WORKSHOP	05.0	W	1600	1800				
41031	IECO	509	SEMINAR INTERNATIONAL TRADE	05.0	T	1900	2200	JONES R			
41045	IECO	511	INTERNATIONAL WORKSHOP	05.0	R	1530	1755	JONES R			
41059	IECO	522	SEMINAR IN DECISION THEORY	05.0	R	1230	1530	EPSTEIN L			
41062	IECO	524	TOPICS IN GAME THEORY	05.0	M	1230	1530	THOMSON W			
41086	IECO	529	SEMINAR IN MACRO-LABOR	05.0	W	1300	1600	HONG J			
41077	IECO	531	MACROECONOMIC WORKSHOP	05.0	M	1530	1755				
41090	IECO	547	ECONOMETRICS WORKSHOP	05.0	F	1530	1730				
41105	IECO	551	APPLIED ECONOMICS WORKSHOP	05.0	T	1600	1755	BILS M			
92975	IECO	575	POLITICAL ECONOMY I CROSS-LISTED: 92967 1PEC 575 92981 1PSC 575	04.0	T	1230	1515	FEY M			
41120	IECO	591	PHD READINGS IN ECONOMICS	00.0	TBA					GJ	
41191	IECO	594	RESEARCH INTERNSHIP	00.0	TBA					GJ	
41211	IECO	595	PHD RESEARCH IN ECONOMICS	00.0	TBA						
41380	IECO	595A	PHD RESEARCH IN ABSENTIA	00.0	TBA					GJ	
41412	IECO	895	CONT OF MASTER'S ENROLLMENT	00.0	TBA						
41429	IECO	899	MASTER'S DISSERTATION	00.0	TBA						
41430	IECO	985	LEAVE OF ABSENCE	00.0	TBA						
41448	IECO	995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA						
41456	IECO	997	DOCTORIAL DISSERTATION	00.0	TBA						
41570	IECO	997A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA					GJ	
41627	IECO	999	DOCTORAL DISSERTATION	00.0	TBA						
41839	IECO	999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA					GJ	

ENGLISH

46293	IENG	100	GREAT BOOKS	04.0	TR	1230	1345	HAHNT			
46307	IENG	101	MAXIMUM ENGLISH	04.0	TR	1400	1515	EAVES M			
46315	IENG	111	INTRO TO SHAKESPEARE	04.0	MWF	1000	1050	KEGL R			
46339	IENG	113	BRITISH LITERATURE I	04.0	TR	1105	1220	MANNHEIMER K			
46342	IENG	115	AMERICAN LITERATURE	04.0	MWF	1200	1250	LI S			
46368	IENG	117	INTRO TO THE ART OF FILM CROSS-LISTED: 10496 1AH 136 49838 1FMS 132	04.0	TR	1230	1345	MIDDLETON J			
46384	IENG	121	CREATIVE WRITING: FICTION	04.0	T	1400	1640	SCOTT J		A	
46396	IENG	122	CREATIVE WRITING: POETRY	04.0	M	1400	1640	LONGENBACH J		A	
46402	IENG	123	PLAY WRITING	02.0	M	1230	1515				
93718	IENG	130	CREATIVE ETHNOGRAPHY CROSS-LISTED: 93694 1ANT 274 93705 1CLT 208G	04.0	TR	0940	1055	EMMETT A			
46417	IENG	131	REPORTING & WRITING NEWS	04.0	TR	1650	1805	MEMMOTT J		A	
46426	IENG	131	REPORTING & WRITING NEWS	04.0	TR	1525	1640	MEMMOTT J		A	
46434	IENG	134	PUBLIC SPEAKING	04.0	TR	0940	1055	SMITH C			
46443	IENG	135	DEBATE	04.0	M	1400	1640	JOHNSON K			

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COURSE REF. NO.

DEPT. CREDIT

COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM	DEGREE TO	INSTRUCTOR	RES	AUDIT
46451 IENG 135	DEBATE	04.0	T	1400	1640	JOHNSON K		
46465 IENG 170	TECHNICAL THEATER	04.0	M	1000	1230	RICE G		
46478 IENG 172	INTRO/STAGE LIGHTING&SOUND	04.0	TR	1105	1220	RICE G		
46480 IENG 174	ACTING TECHNIQUES I	04.0	F	1400	1640			
46499 IENG 176	VOICE MVT FOR THE ACTOR I	04.0	MF	1650	1805			
46501 IENG 180	DIRECTING	04.0	M	1400	1640	MAISTER N		
46516 IENG 180	DIRECTING - LAB	LAB	W	1525	1640	MAISTER N		
92035 IENG 201	OLD ENGLISH LITERATURE CROSS-LISTED: 92041 IENG 401	04.0	MW	1230	1345	HIGLEYS		
46527 IENG 206	DANTE'S DIVINE COMEDY I CROSS-LISTED: 32141 ICLT 116Q 32226 ICLT 253C 56226 IIT 195Q 56251 IIT 220 85401 IREL 197Q 85469 IREL 285	04.0	MW	1525	1640	STOCCHI-PERUC		
92053 IENG 208	ELIZABETHAN-JACOBEAN DRAMA CROSS-LISTED: 92064 IENG 408	04.0	MW	1230	1345	KEGL R		
92070 IENG 213	METAPHYSICAL POETRY CROSS-LISTED: 92088 IENG 413	04.0	TR	1400	1515	GUENTHER G		
92097 IENG 218	EARLY AMERICAN LITERATURE CROSS-LISTED: 94189 IENG 418	04.0	TR	1400	1515	SHUFFELTON F		
46574 IENG 227	AMERICAN MODERNS CROSS-LISTED: 47371 IENG 427	04.0	TR	1105	1220	GRELLA G	E	
46583 IENG 228	AFRICAN AMERICAN DRAMA CROSS-LISTED: 10065 JAAS 229 47385 IENG 428	04.0	TR	1230	1345	TUCKER J		
92101 IENG 242	AUTHORS AND EDITORS CROSS-LISTED: 92140 IENG 442	04.0	MW	1230	1345	LONDON B		
46611 IENG 244	GENEALOGY OF TRAGEDY CROSS-LISTED: 47419 IENG 444	04.0	TR	1105	1220	GUENTHER G		
92183 IENG 245	INTERNATIONAL LITERATURE CROSS-LISTED: 92195 IENG 445	04.0	TR	1230	1345	SCOTT J		
92508 IENG 245	COMIC BOOKS CROSS-LISTED: 92513 IENG 445	04.0	TR	1525	1640	TUCKER J		
46657 IENG 252	THEATER IN ENGLAND CROSS-LISTED: 47441 IENG 452	04.0	TBA			PECK R	A	
46666 IENG 255	INTRO FILM HIST: SILENT CINEM CROSS-LISTED: 10544 IAH 252 47453 IENG 455 49852 IFMS 233 49869 IFMS 233W	04.0	T	1650	1930	LOUGHNEY P		
46679 IENG 259	POP FILM GENRES: FILM NOIR CROSS-LISTED: 47464 IENG 459 92221 IFMS 251F	04.0	R	1650	1930	GRELLA G	E	
46709 IENG 265	ISS IN FLM: DOCUMENTARY CROSS-LISTED: 47497 IENG 465 94191 IFMS 252C	04.0	TR	1650	1805	MIDDLETON J		
46714 IENG 267	CHANGING GENRES OF EROTICA CROSS-LISTED: 47503 IENG 467 90746 IWS 267	04.0	TR	0940	1055	BLEICH D		
46723 IENG 270	ADVANCED TECHNICAL THEATRE	04.0	TBA			RICE G		
46758 IENG 286	PRESIDENTIAL RHETORIC	04.0	TR	1525	1640	SMITH C		
92207 IENG 287	STUDIES IN TRANSLATION CROSS-LISTED: 92215 IENG 487	04.0	TR	1525	1640	MICHAEL J		
46760 IENG 290	PLAYS IN PRODUCTION	04.0	W	1400	1640	MAISTER N		
46771 IENG 292	PLAYS PERF:	04.0	TBA				A	
46785 IENG 294	PLAYS IN PERF:	04.0	TBA				A	
46792 IENG 298	PERFOR LAB I:	01.0	TBA			CHILDS R	A	
46805 IENG 360	SPECIAL PROJECTS: THEATRE	04.0	TBA			MAISTER N	A	
46818 IENG 380	IMMIGRATN&ASSIMILTN&AMER LIT	04.0	MW	1400	1515	LI S		
92524 IENG 380	PROBLEMS OF WESTRN CIVILAZTN	04.0	TR	1230	1345	BLEICH D		
46820 IENG 390	SUPERVISED TEACHING	00.0	TBA				GJ	
46872 IENG 391	INDEPENDENT STUDY	00.0	TBA				GJ	
47069 IENG 392	PRACTICUM	00.0	TBA				GJ	
47100 IENG 393	SENIOR PROJECT	00.0	TBA				GJ	
47133 IENG 394	INTERNSHIP	00.0	TBA				GJ	
47314 IENG 396	HON SEM: IMAGINARY LANGUAGE	04.0	MW	1525	1640	HIGLEY S	A	
47323 IENG 398	INTERNSHIP IN THEATER	04.0	W	1650	1930		A	
92041 IENG 401	OLD ENGLISH LITERATURE CROSS-LISTED: 92035 IENG 201	04.0	MW	1230	1345	HIGLEY S		
92064 IENG 408	ELIZABETHAN-JACOBEAN DRAMA CROSS-LISTED: 92053 IENG 208	04.0	MW	1230	1345	KEGL R		
92088 IENG 413	METAPHYSICAL POETRY CROSS-LISTED: 92070 IENG 213	04.0	TR	1400	1515	GUENTHER G		
94189 IENG 418	EARLY AMERICAN LITERATURE CROSS-LISTED: 92097 IENG 218	04.0	TR	1400	1515	SHUFFELTON F		
47371 IENG 427	AMERICAN MODERNS CROSS-LISTED: 46574 IENG 227	04.0	TR	1105	1220	GRELLA G		
47385 IENG 428	AFRICAN AMERICAN DRAMA CROSS-LISTED: 10065 JAAS 229 46583 IENG 228	04.0	TR	1230	1345	TUCKER J		

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DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
		92140	1ENG 442 AUTHORS AND EDITORS CROSS-LISTED: 92101 1ENG 242	04.0	MW	1230 1345	LONDON B		
		47419	1ENG 444 GENEALOGY OF TRAGEDY CROSS-LISTED: 46611 1ENG 244	04.0	TR	1105 1220	GUENTHER G		
		92195	1ENG 445 INTERNATIONAL LITERATURE CROSS-LISTED: 92183 1ENG 245	04.0	TR	1230 1345	SCOTT J		
		92513	1ENG 445 COMIC BOOKS CROSS-LISTED: 92508 1ENG 245	04.0	TR	1525 1640	TUCKER J		
		47441	1ENG 452 THEATER IN ENGLAND CROSS-LISTED: 46657 1ENG 252	04.0	TBA		PECK R	A	
		47453	1ENG 455 INTRO FILM HIST: SILENT CINEM CROSS-LISTED: 10544 1AH 252 46666 1ENG 255 49852 1FMS 233 49869 1FMS 233W	04.0	T	1650 1930	LOUGHNEY P		
		47464	1ENG 459 POP FILM GENRES: FILM NOIR CROSS-LISTED: 46679 1ENG 259 92221 1FMS 251F	04.0	R	1650 1930	GRELLA G	E	
		47497	1ENG 465 ISS IN FLM: BLURRING BOUNDARI CROSS-LISTED: 46709 1ENG 265 94191 1FMS 252C	04.0	TR	1650 1805	MIDDLETON J		
		47503	1ENG 467 CHANGING GENRES OF EROTICA CROSS-LISTED: 46714 1ENG 267 90746 1WST 267	04.0	TR	0940 1055	BLEICH D		
		92215	1ENG 487 STUDIES IN TRANSLATION CROSS-LISTED: 92207 1ENG 287	04.0	TR	1525 1640	MICHAEL J		
		47529	1ENG 489 SELZNICK COLLOQUIUM	02.0	TBA		BERNARDI J		
		47530	1ENG 491 MASTER'S READING COURSE	00.0	TBA				GJ
		47784	1ENG 494 M.A. RESEARCH INTERNSHIP	01.0	TBA				GJ
		47804	1ENG 495 MASTER'S RESEARCH	00.0	TBA				
		92239	1ENG 507 GOWER AND LANGLAND	05.0	M	1000 1240	PECK R		
		92250	1ENG 526 18TH C CLTR: LITERARY LIVES	05.0	R	1400 1640	MANNHEIMER K		
		92242	1ENG 530 VICTORIAN OTHERS	05.0	T	1400 1640	LONDON B		
		47876	1ENG 540 AMERICAN RENAISSANCE	05.0	W	1400 1640	MICHAEL J		
		47887	1ENG 543 STUDIES IN AMERICAN CULTURE	05.0	M	1400 1640	SHUTFELTON F		
		47902	1ENG 571 WRITING PEDAGOGY	05.0	TBA		BAKHMETYEVA T		
		47917	1ENG 591 PHD READINGS	00.0	TBA				GJ
		48132	1ENG 595 PHD RESEARCH	00.0	TBA				
		48306	1ENG 595A PHD RESEARCH IN ABSENTIA	00.0	TBA				GJ
		48322	1ENG 895 CONT OF MASTER'S ENROLLMENT	00.0	TBA				
		48335	1ENG 899 MASTER'S DISSERTATION	00.0	TBA				
		48416	1ENG 899A MASTERS DISSERTATION ABSENTIA	00.0	TBA				GJ
		48438	1ENG 985 LEAVE OF ABSENCE	00.0	TBA				
		48440	1ENG 995 CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
		48452	1ENG 997 DOCTORAL DISSERTATION	00.0	TBA				
		48565	1ENG 997A DOCT DISSERTATION IN ABSENTIA	00.0	TBA				GJ
		48580	1ENG 999 DOCTORAL DISSERTATION	00.0	TBA				
		48763	1ENG 999A DOCT DISSERTATION IN ABSENTIA	00.0	TBA				GJ

ENGLISH-THEATRE

		46402	1ENG 123 PLAY WRITING	02.0	M	1230 1515			
		46465	1ENG 170 TECHNICAL THEATER	04.0	M	1000 1230	RICE G		
		46478	1ENG 172 INTRO/STAGE LIGHTING&SOUND	04.0	TR	1105 1220	RICE G		
		46480	1ENG 174 ACTING TECHNIQUES I	04.0	F	1400 1640			
		46499	1ENG 176 VOICE MVT FOR THE ACTOR I	04.0	MF	1650 1805			
		46501	1ENG 180 DIRECTING	04.0	M	1400 1640	MAISTER N		
		46516	1ENG 180 DIRECTING - LAB	LAB	W	1525 1640	MAISTER N		
		46723	1ENG 270 ADVANCED TECHNICAL THEATRE	04.0	TBA		RICE G		
		46760	1ENG 290 PLAYS IN PRODUCTION	04.0	W	1400 1640	MAISTER N		
		46771	1ENG 292 PLAYS PERF:	04.0	TBA				A
		46785	1ENG 294 PLAYS IN PERF:	04.0	TBA				A
		46792	1ENG 298 PERFOR LAB I:	01.0	TBA		CHILDS R		A
		46805	1ENG 360 SPECIAL PROJECTS: THEATRE	04.0	TBA		MAISTER N		A
		46872	1ENG 391 INDEPENDENT STUDY	00.0	TBA				GJ
		47323	1ENG 398 INTERNSHIP IN THEATER	04.0	W	1650 1930			A

FILM AND MEDIA STUDIES

		49838	1FMS 132 INTRO TO THE ART OF FILM CROSS-LISTED: 10496 1AH 136 46368 1ENG 117	04.0	TR	1230 1345	MIDDLETON J		
		49840	1FMS 161 INTRO VIDEO & SOUND	04.0	MW	1650 1930	MEROLA K		A
		94960	1FMS 225 THE SOCIAL USE OF MEDIA CROSS-LISTED: 94946 1ANT 225 94958 1AH 230	04.0	MW	1400 1515	KIM E		

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		49852 IFMS 233	INTRO FILM HIST:SILENT CINEM CROSS-LISTED: 10544 IAH 252 46666 IENG 255 47453 IENG 455 49869 IFMS 233W	04.0	T	1650 1930	LOUGHNEY P		
		49869 IFMS 233W	INTRO FILM HIST:SILENT CINEM CROSS-LISTED: 10544 IAH 252 46666 IENG 255 47453 IENG 455 49852 IFMS 233	04.0	T	1650 1930	LOUGHNEY P		
		92221 IFMS 251F	POP FILM GENRES: FILM NOIR CROSS-LISTED: 46679 IENG 259 47464 IENG 459	04.0	R	1650 1930	GRELLA G	E	
		94191 IFMS 252C	ISS IN FLM:BLURRING BOUNDARI CROSS-LISTED: 46709 IENG 265 47497 IENG 465	04.0	TR	1650 1805	MIDDLETON J		
		49908 IFMS 256B	POLITICAL FILMS: FASCISM CROSS-LISTED: 80948 IPSC 255	04.0	R	1400 1640	HAUSER E		
		49924 IFMS 260A	INTRODUCTORY DIGITAL ART	04.0	TR	1400 1640	SHINDELMAN M	T	
		49931 IFMS 260A	INTRODUCTORY DIGITAL ART	04.0	TR	1650 1930	SHAW T	T	
		93469 IFMS 263A	3D DIGITAL TIME-BASED MEDIA CROSS-LISTED: 93474 IFMS 263B 93483 IFMS 263C	04.0	TR	0940 1220	DEVEREAUX E		
		93474 IFMS 263B	3D DIGITAL TIME-BASED MEDIA CROSS-LISTED: 93469 IFMS 263A 93483 IFMS 263C	04.0	TR	0940 1220	DEVEREAUX E		
		93483 IFMS 263C	3D DIGITAL TIME-BASED MEDIA CROSS-LISTED: 93469 IFMS 263A 93474 IFMS 263B	04.0	TR	0940 1220	DEVEREAUX E		
		93245 IFMS 275	IDENTITY, VIOLENCE, TRAUMA CROSS-LISTED: 93224 IFR 255 93231 ICLT 211F SREENING M 1940-2240	04.0	MW	1525 1640	WILLIS S		
		93495 IFMS 277	HISTORY OF FRENCH CINEMA CROSS-LISTED: 93259 IFR 281 93262 ICLT 211C 93277 ICLT 411C 94266 IFR 481 SCREENING T 1940-2240	04.0	MW	1400 1515	WILLIS S		
		91632 IFMS 294	SPANISH FILM CROSS-LISTED: 91582 ISP 288 91598 ISP 488 91604 ICLT 216B 91610 ICLT 416B SCREENING M 1940-2240	04.0	TR	1525 1640	SCHAEFER C		
		50016 IFMS 390	SUPERVISED TEACHING	00.0	TBA				GJ
		50038 IFMS 391	INDEPENDENT STUDY	00.0	TBA				GJ
		50074 IFMS 392	SPECIAL TOPICS	00.0	TBA				GJ
		50083 IFMS 393	SENIOR PROJECT	00.0	TBA				GJ
		50100 IFMS 394	INTERNSHIP	00.0	TBA				GJ

FRENCH-PLEASE SEE MODERN LANGUAGES AND CULTURES

GERMAN-PLEASE SEE MODERN LANGUAGES AND CULTURES

GREEK-CLASSIAL-PLEASE SEE RELIGION AND CLASSICS

HEALTH AND SOCIETY

91051 IHLS 116	INTRO COMMUNITY MEDICINE	04.0	MWF	0900 0950	BROWN T		
54603 IHLS 216	PEER HEALTH ADVOCACY I	04.0	W	1200 1400	REYNOLDS N	T	
54612 IHLS 216	PEER HEALTH ADVOCACY I	04.0	R	1200 1400	REYNOLDS N	T	
54629 IHLS 301	SENIOR SEMINAR CROSS-LISTED: 54630 IHLS 301W	04.0	MW	1650 1805	HARPER D		
54630 IHLS 301W	SENIOR SEMINAR CROSS-LISTED: 54629 IHLS 301	04.0	MW	1650 1805	HARPER D		
54648 IHLS 390	SUPERVISED TEACHING	00.0	TBA				GJ
54667 IHLS 391	INDEPENDENT STUDY	00.0	TBA				GJ
54747 IHLS 391W	INDEPENDENT STUDY	00.0	TBA				GJ
54763 IHLS 393	SENIOR PROJECT	04.0	TBA				GJ
54772 IHLS 394	INTERNSHIP	00.0	TBA				GJ
54814 IHLS 396	RISK BEHAVIOR CHANGE	04.0	TBA				A
54823 IHLS 398	HONORS THESIS	04.0	TBA				

HEBREW-PLEASE SEE RELIGION AND CLASSICS

HISTORY

52722 IHIS 105	TRADITIONAL JAPAN CROSS-LISTED: 52724 IJPN 216	04.0	MWF	1000 1050	HAUSER W		
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93110	1	HIS 106	COLONIAL & CONTEMPORARY AFRICA CROSS-LISTED: 94317 IAAS 106 94326 IANT 248	04.0	TR	1230	1345	MANDALA E		
91661	1	HIS 117	HISTORY OF ISLAM CROSS-LISTED: 91103 IREL 107 94031 IAAS 107	04.0	TR	1105	1220	HOMERIN E		
94334	1	HIS 119	THE RELATIVITY REVOLUTION	04.0	T	1400	1640	SEGAL S		
91706	1	HIS 120	INTRO TO HISTORICAL STUDIES	04.0	TR	1230	1345	BORUS D		
52741	1	HIS 145	EARLY AMERICA, 1600-1800	04.0	MWF	1100	1150	JARVIS M		
52753	1	HIS 145	EARLY AMERICA - REC	REC	F	1100	1150			
52764	1	HIS 145	EARLY AMERICA - REC	REC	F	1100	1150			
52770	1	HIS 147	INDUSTRIAL AMERICA, 1865-1929	04.0	MW	1230	1345	RUBIN J		
52788	1	HIS 147	INDUSTRIAL AMER 1865-1929/REC	REC	W	1230	1345			
52797	1	HIS 147	INDUSTRIAL AMER 1865-1929/REC	REC	W	1230	1345			
52813	1	HIS 153	RUSSIA NOW CROSS-LISTED: 86004 IRST 127 86229 IRUS 127 PLEASE CONTACT THE DEPARTMENT OR PROFESSOR THE FIRST WEEK OF CLASSES.	02.0	TBA			PARTHE K		
52824	1	HIS 154	RUSSIA NOW CROSS-LISTED: 85950 IRST 126 85996 IRST 126Q 86185 IRUS 126 STUDENTS MUST REGISTER FOR A RECITAION WHEN REGISTERING FOR THE MAIN SECTION	04.0	M	1400	1515	PARTHE K		
52831	1	HIS 154	RUSSIA NOW - REC CROSS-LISTED: 85984 IRST 126 86212 IRUS 126	REC	W	1400	1500			
52845	1	HIS 154	RUSSIA NOW - REC CROSS-LISTED: 85968 IRST 126 86203 IRUS 126	REC	W	1100	1150			
52859	1	HIS 154	RUSSIA NOW - REC CROSS-LISTED: 85973 IRST 126 86192 IRUS 126	REC	M	1650	1805			
91676	1	HIS 155	HISTORY OF RUSSIA TO 1692 CROSS-LISTED: 94282 IRST 155	04.0	MW	1230	1345	LENOE M		
94430	1	HIS 155	HISTRY OF RUSSIA TO 1692 REC	REC	W	1230	1345			
94448	1	HIS 155	HISTRY OF RUSSIA TO 1692 REC	REC	W	1230	1345			
52862	1	HIS 165	AFRICAN-AMERICAN HISTORY I CROSS-LISTED: 10026 IAAS 141	04.0	TR	1105	1220	HUDSON I.		
52877	1	HIS 167K	SPEAKING STONES CROSS-LISTED: 85397 IREL 167K	04.0	R	1400	1640	HOMERIN E		
52735	1	HIS 173	AMERICAN MILITARY HISTORY	04.0	T	1650	1930	PIERCE M		
52916	1	HIS 198Q	HIST OF THE BOOK IN THE WEST	04.0	TR	1105	1220	ALVAREZ P		P
91719	1	HIS 203	ECO & SOCITIES IN LATIN AMER CROSS-LISTED: 91722 IAAS 252 91735 IECCO 252	04.0	TR	1105	1220	INIKORI J		
52938	1	HIS 204	INTRO TO LAW: FED INDIAN LAW	04.0	W	1400	1640	BOYLAN L		
91741	1	HIS 205	EUROPE SINCE 1945 CROSS-LISTED: 94343 HIS 205W	04.0	MWF	1100	1150	APPLEGATE C		
94351	1	HIS 205	EUROPE SINCE 1945 - REC	REC	F	1100	1150			
94365	1	HIS 205	EUROPE SINCE 1945 - REC	REC	F	1100	1150			
94343	1	HIS 205W	EUROPE SINCE 1945 CROSS-LISTED: 91741 HIS 205	04.0	MWF	1100	1150	APPLEGATE C		
91753	1	HIS 215	THE ENLIGHTENMENT	04.0	TR	0940	1055	OUTRAM D		
93335	1	HIS 228	IT FROM RISORGIMENTO TO REP CROSS-LISTED: 93319 ICLT 207C 93322 IIT 228	04.0	TBA					
91764	1	HIS 237	ENGLAND & IRELAND SINCE 1800	04.0	TR	0940	1055	WEAVER S		
91511	1	HIS 243	DANGEROUS TEXTS CROSS-LISTED: 91468 IRUS 289 91473 IRUS 289W 91484 IRST 289 91496 IRST 289W 91500 ICLT 265E 91525 HIS 243W	04.0	TR	1230	1345	PARTHE K		
91525	1	HIS 243W	DANGEROUS TEXTS CROSS-LISTED: 91468 IRUS 289 91473 IRUS 289W 91484 IRST 289 91496 IRST 289W 91500 ICLT 265E 91511 HIS 243	04.0	TR	1230	1345	PARTHE K		
91770	1	HIS 245	THE CITY IN AMERICAN HISTORY	04.0	TR	0940	1055	WOLCOTT V		
91788	1	HIS 250	WOMEN IN HIST: U.S. 1600-1970	04.0	TR	1105	1220	GORDON L		
53013	1	HIS 255	ECO & SOC CONDITNS OF AFR-AM CROSS-LISTED: 10078 IAAS 253 40047 IECCO 253W	04.0	TR	1400	1515	ENGERMAN S		
93161	1	HIS 273	MAKING OF MODERN MIDDLE EAST CROSS-LISTED: 93176 HIS 273W 93187 IAAS 273	04.0	R	1400	1640	MANDALA E		
93176	1	HIS 273W	MAKING OF MODERN MIDDLE EAST CROSS-LISTED: 93161 HIS 273 93187 IAAS 273	04.0	R	1400	1640	MANDALA E		
91797	1	HIS 279	JAPAN AT WAR AND AFTER	04.0	M	1400	1640	HAUSER W		
53086	1	HIS 301W	SILENT FILM IN AMERICA	04.0	M	1400	1640	BORUS D		A
53090	1	HIS 301W	THE HOLOCAUST	04.0	M	1400	1640	APPLEGATE C		A

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		91808 1HIS 305W	AMER HEALTH POLICY & POLITICS CROSS-LISTED: 91813 1HIS 405 91824 7PM 420	04.0	T	1400 1640	BROWN T		
		91845 1HIS 310W	WORLD WAR II: EASTERN FRONT CROSS-LISTED: 94298 1HIS 410 94302 1RST 310	04.0	F	1400 1640	LENOE M		
		53136 1HIS 333W	US COLLOQUIUM I CROSS-LISTED: 53481 1HIS 433	04.0	TBA		HUDSON L		H
		91859 1HIS 343W	RACE & THE AMERICAN CITY CROSS-LISTED: 91862 1HIS 443 91877 1AAS 343	04.0	R	1400 1640	WOLCOTT V		
		91890 1HIS 350W	TOPICS IN MEDIEVAL HISTORY CROSS-LISTED: 91901 1HIS 450	04.0	W	1400 1640	KAEUPER R		A
		91916 1HIS 356W	ATLANTIC SLAVE TRADE & AFRICA CROSS-LISTED: 91927 1AAS 375W 91938 1ECO 385W 91940 1HIS 456	04.0	W	1400 1640	INIKORI J		
		91952 1HIS 377W	TOPICS IN EARLY AMERICA CROSS-LISTED: 91969 1HIS 477	04.0	W	1400 1640	JARVIS M		
		92780 1HIS 384W	URBAN CHANGE & CITY POLITICS CROSS-LISTED: 92778 1PSC 241W 92799 1HIS 484 92800 1PSC 530	04.0	T	1525 1805	GAMM G		
		53147 1HIS 390	SUPERVISED TEACHING	00.0	TBA				GJ
		53172 1HIS 391	INDEPENDENT STUDY	00.0	TBA				GJ
		53266 1HIS 391W	INDEPENDENT STUDY	00.0	TBA				GJ
		53317 1HIS 393	SENIOR PROJECT	00.0	TBA				GJ
		53365 1HIS 394	INTERNSHIP	00.0	TBA				GJ
		91813 1HIS 405	AMER HEALTH POLICY & POLITICS CROSS-LISTED: 91808 1HIS 305W 91824 7PM 420	05.0	T	1400 1640	BROWN T		
		94298 1HIS 410	WORLD WAR II: EASTERN FRONT CROSS-LISTED: 91845 1HIS 310W 94302 1RST 310	05.0	F	1400 1640	LENOE M		
		53481 1HIS 433	US COLLOQUIUM I CROSS-LISTED: 53136 1HIS 333W	05.0	TBA		HUDSON L		H
		91862 1HIS 443	RACE & THE AMERICAN CITY CROSS-LISTED: 91859 1HIS 343W 91877 1AAS 343	05.0	R	1400 1640	WOLCOTT V		
		91901 1HIS 450	TOPICS IN MEDIEVAL HISTORY CROSS-LISTED: 91890 1HIS 350W	05.0	W	1400 1640	KAEUPER R		
		91940 1HIS 456	ATLANTIC SLAVE TRADE & AFRICA CROSS-LISTED: 91916 1HIS 356W 91927 1AAS 375W 91938 1ECO 385W	05.0	W	1400 1640	INIKORI J		
		91969 1HIS 477	TOPICS IN EARLY AMERICA CROSS-LISTED: 91952 1HIS 377W	05.0	W	1400 1640	JARVIS M		
		92799 1HIS 484	URBAN CHANGE & CITY POLITICS CROSS-LISTED: 92778 1PSC 241W 92780 1HIS 384W 92800 1PSC 530	05.0	T	1525 1805	GAMM G		
		53494 1HIS 491	MASTER'S READING COURSE	00.0	TBA				GJ
		53597 1HIS 495	MASTER'S RESEARCH	00.0	TBA				GJ
		53627 1HIS 496	EXTENDED READING AT THE M.A.	00.0	TBA				GJ
		53638 1HIS 500	PROB IN HISTORICAL ANALYSIS	05.0	TBA		OUTRAM D		
		53640 1HIS 590	SUPERVISED TEACHING IN HIS	00.0	TBA				
		53683 1HIS 591	PHD READINGS IN HISTORY	05.0	TBA				GJ
		53884 1HIS 592	INDEPENDENT READING COURSE	05.0	TBA				
		54000 1HIS 593	ASSISTING IN HISTORY	05.0	TBA				
		54104 1HIS 595	PHD RESEARCH IN HISTORY	00.0	TBA				
		54149 1HIS 595A	PHD RESEARCH IN ABSENTIA	00.0	TBA				GJ
		54155 1HIS 596	EXTENDED READING AT THE PH.D	00.0	TBA				
		54161 1HIS 895	CONT OF MASTER'S ENROLLMENT	00.0	TBA				
		54176 1HIS 899	MASTER'S DISSERTATION	00.0	TBA				
		54306 1HIS 899A	MSTRS DISSERTATN IN ABSENTIA	00.0	TBA				GJ
		54335 1HIS 985	LEAVE OF ABSENCE	00.0	TBA				
		54341 1HIS 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
		54353 1HIS 997	DOCTORAL DISSERTATION	00.0	TBA				
		54438 1HIS 997A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ
		54469 1HIS 999	DOCTORAL DISSERTATION	00.0	TBA				
		54534 1HIS 999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ

ITALIAN-PLEASE SEE MODERN LANGUAGES AND CULTURES

JAPANESE-PLEASE SEE MODERN LANGUAGES AND CULTURES

THE COLLEGE: ARTS AND SCIENCES Continued

COURSE REF. NO.	DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
JUDAIC STUDIES										
57486	IJST	101	101	ELEMENTARY HEBREW I CROSS-LISTED: 52610 IHEB 101	04.0	MWF	1100 1150	FLXT		
57490	IJST	103	103	INTERMEDIATE HEBREW CROSS-LISTED: 52628 IHEB 103	04.0	MW	1230 1345	FLXT		
57509	IJST	106	106	INTRO TO OLD TESTAMENT CROSS-LISTED: 85319 IREL 101	04.0	MWF	1000 1050	MERIDETH A		
94059	IJST	203	203	HISTORY OF JUDAISM CROSS-LISTED: 94045 IREL 103	04.0	MW	1400 1515			
94695	IJST	214	214	IMAGINING THE JEW CROSS-LISTED: 94541 IREL 214	04.0	T	1400 1640			
57537	IJST	391	391	INDEPENDENT STUDY	00.0	TBA			GJ	
57558	IJST	394	394	INTERNSHIP	00.0	TBA			GJ	
LINGUISTICS										
57955	ILIN	101	101	PEOPLE & THEIR LANGUAGE	04.0	TR	1400 1515	WEBB R		
91655	ILIN	103	103	LANGUAGE & SEXUALITY CROSS-LISTED: 92586 IWST 103	04.0	TR	1525 1640	RUNNER J		
57961	ILIN	110	110	INTRO TO LINGUISTIC ANALYSIS CROSS-LISTED: 12548 IANT 110	04.0	TR	1230 1345	GUNLOGSON C		
57976	ILIN	110	110	INTRO TO LINGUISTIC ANALYSIS	04.0	TR	1105 1220	GUNLOGSON C		
94728	ILIN	205	205	HISTORICAL LINGUISTICS	04.0	MW	1525 1640	PAAUW S		
57987	ILIN	210	210	INTRO TO LANG SOUND SYSTEMS CROSS-LISTED: 58143 ILIN 410	04.0	TR	0940 1055	MCDONOUGH J		
57993	ILIN	217	217	LANGUAGE & PSYCHOLINGUISTICS CROSS-LISTED: 13573 IASL 260 15839 IBCS 152 83424 IPSY 152	04.0	MW	1400 1515	JAEGER F		
91687	ILIN	225	225	INTRO TO SEMANTIC ANALYSIS	04.0	TR	1230 1345	CARLSON G		
91693	ILIN	226	226	MORPHOLOGY	04.0	MW	1400 1515	PAAUW S		
92304	ILIN	248	248	STAT SPEECH&LANG PROCESSING CROSS-LISTED: 92284 ICSC 248 92296 ICSC 448 92310 ILIN 448 92328 IBCS 233 92332 IBCS 533	04.0	TR	0940 1055	ALLEN J		
58039	ILIN	391	391	INDEPENDENT STUDY	00.0	TBA			GJ	
58102	ILIN	393	393	SENIOR PROJECT	00.0	TBA			GJ	
58143	ILIN	410	410	INTRO TO LANG SOUND SYSTEMS CROSS-LISTED: 57987 ILIN 210	04.0	TR	0940 1055	MCDONOUGH J		
92310	ILIN	448	448	STAT SPEECH&LANG PROCESSING CROSS-LISTED: 92284 ICSC 248 92296 ICSC 448 92304 ILIN 248 92328 IBCS 233 92332 IBCS 533	04.0	TR	0940 1055	ALLEN J		
58180	ILIN	468	468	SIGN LANGUAGE UNIVERSALS CROSS-LISTED: 16413 IBCS 568	04.0	TBA		NEWPORT E		
58199	ILIN	491	491	MASTER'S READING COURSE IN L	00.0	TBA			GJ	
58241	ILIN	495	495	MASTER'S RESEARCH IN LING	00.0	TBA				
58270	ILIN	590	590	SUPERVISED TEACHING	00.0	TBA				
58308	ILIN	591	591	PHD READING COURSE IN LING	00.0	TBA			GJ	
58359	ILIN	595	595	PHD RESEARCH IN LING	00.0	TBA				
58405	ILIN	595A	595A	PHD RESEARCH IN ABSENTIA	00.0	TBA			GJ	
58418	ILIN	895	895	CONT OF MASTER'S ENROLLMENT	00.0	TBA				
58420	ILIN	899	899	MASTER'S DISSERTATION	00.0	TBA				
58447	ILIN	985	985	LEAVE OF ABSENCE	00.0	TBA				
58454	ILIN	995	995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
58463	ILIN	997	997	WRITING DISSERTATION	00.0	TBA				
58491	ILIN	997A	997A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA			GJ	
58504	ILIN	999	999	DOCTORAL DISSERTATION	00.0	TBA				
58528	ILIN	999A	999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA			GJ	

MATHEMATICS

INSTRUCTORS OF 100 LEVEL COURSES WILL ASSIGN STUDENTS TO RECITATION SECTIONS AT THE FIRST CLASS MEETING. THOSE STUDENTS IN 100 LEVEL COURSES WHO ARE ASSIGNED ONE WEEKLY RECITATION SECTION ARE REQUIRED TO ATTEND.

DO NOT REGISTER FOR 100 LEVEL RECITATIONS AT THE REGISTRAR'S OFFICE.

TUTORIAL SESSIONS WITH GRADUATE ASSISTANTS ARE AVAILABLE TO HELP STUDENTS IN 100 LEVEL COURSES ON TUESDAY'S AND THURSDAY'S IN HYLAN 1103.

IN ADDITION TO THE LISTED HOURS THERE WILL BE EXAMINATIONS FOR 100-LEVEL MATH COURSES AT 08:00 AM, DATES AND ROOMS TO BE ANNOUNCED BY THE INSTRUCTORS.

57710 MATH 101 CALCULUS WITH FOUNDATIONS I 04.0 MWF 1000 1050

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COURSE REF. NO.

DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM	DEGREE TO	INSTRUCTOR	RES	AUDIT	
		63829	IMTH 141	CALCULUS I	04.0	MWF	1000	1050	VERMESI B		
		63894	IMTH 141	CALCULUS I	04.0	TR	1400	1515	GIOEV D		
		63933	IMTH 141	CALCULUS I	04.0	MWF	0900	0950			
		63957	IMTH 142	CALCULUS II	04.0	MWF	1000	1050			
		63979	IMTH 142	CALCULUS II	04.0	MW	1525	1640	PEARSON P		
		64035	IMTH 143	CALCULUS III	04.0	TR	1400	1515			
		64088	IMTH 150	DISCRETE MATHEMATICS	04.0	MWF	1100	1150	LUBKIN S		
		64097	IMTH 161	CALCULUS IA	04.0	MWF	1100	1150	VERMESI B		
		64101	IMTH 161	CALCULUS IA	04.0	TR	1400	1515	SALUR S		
		64140	IMTH 161	CALCULUS IA	04.0	MWF	1000	1050			
		64152	IMTH 161	CALCULUS IA	04.0	MWF	0900	0930	LAVINE R		
		64174	IMTH 161Q	QUEST CALCULUS	04.0	MW	1400	1515	LUBKIN S		P
		64183	IMTH 162	CALCULUS IIA	04.0	MWF	1000	1050	RAVENEL D		
		64207	IMTH 162	CALCULUS IIA	04.0	MWF	0900	0950			
		64239	IMTH 162Q	QUEST CALCULUS IIA	04.0	MW	1400	1515			P
		64242	IMTH 163	ORD DIFFERENTIAL EQUATNS	04.0	MWF	1000	1050	GREENLEAF A		
		64349	IMTH 164	MULTIDIMENSIONAL CALCULUS	04.0	MWF	1000	1050	GEBAD		
		64355	IMTH 164	MULTIDIMENSIONAL CALCULUS	04.0	MWF	0900	0950			
		64437	IMTH 165	LINEAR ALG W/DIFFRNTL EQUATN	04.0	MWF	1000	1050	PAKIANATHAN J		
		64446	IMTH 165	LINEAR ALG W/DIFFRNTL EQUATN	04.0	MW	1400	1515	GAGE M		
		64458	IMTH 171Q	HONORS CALCULUS I	05.0	MWF	1000	1050	COHEN F		P
		64460	IMTH 173Q	HONORS CALCULUS III	05.0	TR	1525	1640	GONEK S		P
		94652	IMTH 190	TOPICS IN PROBLEM SOLVING	04.0	M	1700	1800	GEBAD		
		64471	IMTH 201	INTRO TO PROBABILITY CROSS-LISTED: 88065 1STT 201	04.0	MWF	1200	1250	STARR S		
		64485	IMTH 201	INTRO TO PROBABILITY CROSS-LISTED: 88078 1STT 201	04.0	MW	1525	1640			
		64531	IMTH 208	OPERATIONS RESEARCH I	04.0	TR	1230	1345	GIOEV D		
		64545	IMTH 210	FINANCIAL MATH	04.0	MWF	1100	1150	STARR S		
		64559	IMTH 217	MATH MOD POLITICAL SCIENCE	04.0	TR	0940	1055	SEGAL S		
		64562	IMTH 230	NUMBER THEORY W/APPLICATIONS	04.0	MW	1525	1640	HAESSIG C		
		64577	IMTH 235	LINEAR ALGEBRA	04.0	MWF	1200	1250			
		64586	IMTH 237	INTRO TO ALGEBRA II	04.0	MW	1400	1515	JOCHNOWITZ N		
		64590	IMTH 255	GEOMETRY I	04.0	MWF	0900	0950	HLADKY R		
		64618	IMTH 265	FUNCTIONS OF REAL VARIABLE I	04.0	MWF	1300	1350	HARPER J		
		64620	IMTH 265H	FUNCTNS OF REAL VAR I (HON)	04.0	MWF	1300	1350	GEBAD		
		91065	IMTH 280	NUMERICAL ANALYSIS	04.0	MWF	1000	1050	GAGE M		
		64636	IMTH 281	APPLIED BOUNDARY VALUE PROB CROSS-LISTED: 60684 4ME 201 STUDENTS MUST REGISTER FOR A RECITATION WHEN REGISTERING FOR THE MAIN SECTION.	04.0	MWF	1100	1150	CLARK A		
		64647	IMTH 281	APPBOUNDARY VALUE PROB-REC CROSS-LISTED: 60703 4ME 201	REC	R	1400	1515	CLARK A		
		64654	IMTH 281	BOUNDARY VALUE PROBLEMS -REC CROSS-LISTED: 60696 4ME 201	REC	R	1525	1640	CLARK A		
		93885	IMTH 299	TOPICS IM PROBLEM SOLVING	01.0	M	1650	1805	GONEK S		
		64691	IMTH 391	INDEPENDENT STUDY	00.0	TBA					GJ
		64811	IMTH 391W	INDEPENDENT STUDY	00.0	TBA					GJ
		64975	IMTH 393	SENIOR PROJECT	00.0	TBA					GJ
		64981	IMTH 394	INTERNSHIP	00.0	TBA					GJ
		65001	IMTH 436	ALGEBRA I	04.0	MWF	0900	0950	TUCKERT		
		65016	IMTH 440	GENERAL TOPOLOGY	04.0	MWF	1100	1150	HARPER J		
		65027	IMTH 467	THEORY ANALYTIC FUNCTIONS	04.0	MW	1525	1640	GREENLEAF A		
		65038	IMTH 472	FUNCTIONAL ANALYSIS	04.0	MWF	1000	1050	LAVINE R		
		65040	IMTH 491	MASTER'S READINGS IN MATH	00.0	TBA					GJ
		65083	IMTH 492	SPECIAL PROJECTS	00.0	TBA					
		65100	IMTH 493	MASTER'S ESSAY	00.0	TBA					
		65179	IMTH 590	SUPERVISED COLLEGE TEACHING	00.0	TBA					
		65182	IMTH 591	PHD READINGS IN MATH	00.0	TBA					GJ
		65385	IMTH 595	PHD RESEARCH IN MATH	00.0	TBA					
		65556	IMTH 595A	PHD RESEARCH IN ABSENTIA	00.0	TBA					GJ
		65575	IMTH 899	MASTER'S DISSERTATION	00.0	TBA					
		65594	IMTH 985	LEAVE OF ABSENCE	00.0	TBA					
		65608	IMTH 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA					
		65613	IMTH 997	DOCTORAL DISSERTATION	00.0	TBA					
		65631	IMTH 997A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA					GJ
		65645	IMTH 999	DOCTORAL DISSERTATION	00.0	TBA					
		65796	IMTH 999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA					GJ

THE COLLEGE: ARTS AND SCIENCES Continued

COURSE REF. NO.

DEPT. CREDIT

COURSE NUMBER

COURSE TITLE

HOURS

DAYS

DEGREE FROM TO

INSTRUCTOR

RES AUDIT

MODERN LANGUAGES AND CULTURES

A DEPARTMENTAL PERMISSION IS REQUIRED FOR ALL STUDENTS WHO CONTINUE A LANGUAGE BEGUN ELSEWHERE. SEE LANGUAGE COORDINATOR IN LATTIMORE 404 FOR SIGNATURES. STUDENTS WHO HAVE ALREADY ESTABLISHED A LANGUAGE SEQUENCE AT THE UNIVERSITY OF ROCHESTER OR WHO WISH TO BEGIN A NEW LANGUAGE AT THE 101 LEVEL DO NOT NEED A SIGNATURE.

THE DEPARTMENT OF MODERN LANGUAGES AND CULTURES RESERVES THE RIGHT TO LIMIT ENROLLMENT IN ELEMENTARY, INTERMEDIATE OR ADVANCED LANGUAGE CLASSES TO STUDENTS WHOSE EXPERIENCE WITH A GIVEN LANGUAGE IS APPROPRIATE TO THEIR LEVEL.

STUDENTS REGISTERING FOR A CHINESE, FRENCH, GERMAN, ITALIAN, JAPANESE, RUSSIAN OR SPANISH 101 OR 102 COURSE MUST ALSO REGISTER FOR A RECITATION SECTION.

COURSES IN CLASSICAL GREEK, HEBREW, ARABIC, AND LATIN ARE OFFERED BY THE DEPARTMENT OF RELIGION AND CLASSICS.

OFFERINGS UNDER CLT ARE TAUGHT IN ENGLISH.

MODERN LANGUAGES AND CULTURES-CHINESE

29180	1CHI 101	ELEMENTARY CHINESE I	06.0	TR	1105	1220	YU S	
29199	1CHI 101	ELEMENTARY CHINESE I - REC	REC	MWF	0900	0950		
29206	1CHI 101	ELEMENTARY CHINESE I - REC	REC	MWF	1000	1050		
29219	1CHI 114	CONVERSATIONAL CHINESE	02.0	MWF	1300	1350	YU S	
29222	1CHI 151	INTERMEDIATE CHINESE I	06.0	TR	1230	1345	YU S	
29235	1CHI 151	INTERMEDIATE CHINESE I - REC	REC	MWF	1100	1150		
29241	1CHI 202	ADV INTERMEDIATE CHINESE I	04.0	MWF	1200	1250	YU S	
29253	1CHI 232	ASIAN CALLIGRAPHY-HIST&PRACT CROSS-LISTED: 57312 IJPN 232	02.0	T	0940	1055	SPENCE Y	
29264	1CHI 390	SUPERVISED TEACHING	00.0	TBA				GJ
29288	1CHI 392	PRACTICUM	00.0	TBA				GJ

MODERN LANGUAGES AND CULTURES-COMPARATIVE LITERATURE

91354	1CLT 101B	BARCELONA&MEDITERRANEAN CLTR CROSS-LISTED: 93213 ISP 290	04.0	TR	1230	1345	SCHAEFER C	
32141	1CLT 116Q	DANTE'S DIVINE COMEDY I CROSS-LISTED: 32226 1CLT 253C 46527 1ENG 206 56226 1IT 195Q 56251 1IT 220 85401 1REL 197Q 85469 1REL 285	04.0	MW	1525	1640	STOCCHI-PERUC	
93353	1CLT 207B	ITALY: A CULTURAL MOSAIC CROSS-LISTED: 93341 1IT 276	04.0	TBA				
93319	1CLT 207C	IT FROM RISORGIMENTO TO REP CROSS-LISTED: 93322 1IT 228 93335 1HIS 228	04.0	TBA				
93416	1CLT 208E	GREAT CITIES: TOKYO CROSS-LISTED: 93397 IJPN 262	02.0	TBA			POLLACK D	
93705	1CLT 208G	CREATIVE ETHNOGRAPHY CROSS-LISTED: 93694 1ANT 274 93718 1ENG 130	04.0	TR	0940	1055	EMMETT A	
93262	1CLT 211C	HISTORY OF FRENCH CINEMA CROSS-LISTED: 93259 1FR 281 93277 1CLT 411C 93495 1FMS 277 94266 1FR 481	04.0	MW	1400	1515	WILLIS S	
93231	1CLT 211F	IDENTITY, VIOLENCE, TRAUMA CROSS-LISTED: 93224 1FR 255 93245 1FMS 275	04.0	MW	1525	1640	WILLIS S	
91604	1CLT 216B	SPANISH FILM CROSS-LISTED: 91582 ISP 288 91598 ISP 488 91610 1CLT 416B 91632 1FMS 294	04.0	TR	1525	1640	SCHAEFER C	
93290	1CLT 241J	CARIBBEAN NOVEL & THEORY CROSS-LISTED: 93286 1FR 274 93306 1CLT 441I 94279 1FR 474	04.0	TR	1105	1220	KEMELMO C	
32226	1CLT 253C	DANTE'S DIVINE COMEDY I CROSS-LISTED: 32141 1CLT 116Q 46527 1ENG 206 56226 1IT 195Q 56251 1IT 220 85401 1REL 197Q 85469 1REL 285	04.0	MW	1525	1640	STOCCHI-PERUC	
91450	1CLT 255D	DOSTOEVSKY CROSS-LISTED: 91391 1RST 191Q 91407 1RUS 191Q 91415 1RUS 237 91421 1RUS 237W	04.0	MW	1525	1640	GIVENS J	

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COURSE REF. NO.	DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
93370	ICLT	264B		MODERN JAPANESE LITERATURE CROSS-LISTED: 93364 IJPN 254 93388 ICLT 464B	04.0	TBA		POLLACK D		
91500	ICLT	265E		DANGEROUS TEXTS CROSS-LISTED: 91468 IRUS 289 91473 IRUS 289W 91484 IRST 289 91496 IRST 289W 91511 IHIS 243 91525 IHIS 243W	04.0	TR	1230 1345	PARTHE K		
94755	ICLT	282A		MARX AND MARXISM CROSS-LISTED: 94732 IGER 204 94749 IGER 404 94761 ICLT 482A	04.0	TR	1525 1640	CREECH J		
32278	ICLT	389		MAJOR SEMINAR	04.0	TR	1650 1805	DIPIEROT		
32280	ICLT	390		SUPERVISED TEACHING	00.0	TBA			GJ	
32300	ICLT	391		INDEPENDENT STUDY	00.0	TBA			GJ	
32357	ICLT	393		SENIOR PROJECT	00.0	TBA			GJ	
93277	ICLT	411C		HISTORY OF FRENCH CINEMA CROSS-LISTED: 93259 IFR 281 93262 ICLT 211C 93495 IFMS 277 94266 IFR 481 SCREENING T 1940-2240	04.0	MW	1400 1515	WILLIS S		
91610	ICLT	416B		SPANISH FILM CROSS-LISTED: 91582 ISP 288 91598 ISP 488 91604 ICLT 216B 91632 IFMS 294 SCREENING M 1940-2240	04.0	TR	1525 1640	SCHAEFER C		
93306	ICLT	441I		CARIBBEAN NOVEL & THEORY CROSS-LISTED: 93286 IFR 274 93290 ICLT 241I 94279 IFR 474	04.0	TR	1105 1220	KEMEDJIO C		
32432	ICLT	462		VISUAL & CULTURAL STUDIES CROSS-LISTED: 10995 IAH 583	04.0	W	0900 1200	SAAB J		
93388	ICLT	464B		MODERN JAPANESE LITERATURE CROSS-LISTED: 93364 IJPN 254 93370 ICLT 264B	04.0	TBA		POLLACK D		
94761	ICLT	482A		MARX AND MARXISM CROSS-LISTED: 94732 IGER 204 94749 IGER 404 94755 ICLT 282A	04.0	TR	1525 1640	CREECH J		
32455	ICLT	491		READING COURSE IN COMP LIT	00.0	TBA			GJ	
32493	ICLT	495		MASTER'S RESEARCH IN COMP LI	00.0	TBA				
32520	ICLT	591		PHD READING COURSE	00.0	TBA			GJ	
32589	ICLT	592		LANGUAGES LEARNING & TEACHING	02.0	M	0900 1100			
32591	ICLT	595		PHD RESEARCH	00.0	TBA				
32673	ICLT	595A		PHD RESEARCH IN ABSENTIA	00.0	TBA			GJ	
32684	ICLT	895		CONT OF MASTER'S ENROLLMENT	00.0	TBA				
32696	ICLT	899		MASTERS DISSERTATION	00.0	TBA				
32730	ICLT	985		LEAVE OF ABSENCE	00.0	TBA				
32748	ICLT	995		CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
32756	ICLT	997		DOCTORAL DISSERTATION	00.0	TBA				
32852	ICLT	997A		DOCT DISSERTATN IN ABSENTIA	00.0	TBA			GJ	
32883	ICLT	999		DOCTORAL DISSERTATION	00.0	TBA				
32962	ICLT	999A		DOCT DISSERTATN IN ABSENTIA	00.0	TBA			GJ	

MODERN LANGUAGES AND CULTURES-FRENCH

50144	IFR	101		ELEMENTARY FRENCH I	04.0	MW	1400 1515	LUTKUSA		
50157	IFR	101		ELEMENTARY FRENCH I - REC	REC	TR	1230 1345			
50166	IFR	101		ELEMENTARY FRENCH I - REC	REC	TR	1400 1515			
50236	IFR	114		CONVERSATIONAL FRENCH	02.0	TR	1105 1220	LUTKUSA		
50247	IFR	151		INTERMEDIATE FRENCH I	04.0	TR	0940 1055	DOUCHINA		
50254	IFR	152		INTERMEDIATE FRENCH II	04.0	TR	1105 1220	DOUCHINA		
50263	IFR	155		FRENCH CONVERSATION & COMP	04.0	MWF	1100 1150			
50272	IFR	200		ADVANCED FRENCH	04.0	TR	1400 1515	DIPIEROT		
50291	IFR	204		CONTEMPORARY FRENCH CULTURE CROSS-LISTED: 50422 IFR 404	04.0	TR	0940 1055	KEMEDJIO C		
93224	IFR	255		IDENTITY, VIOLENCE, TRAUMA CROSS-LISTED: 93231 ICLT 211F 93245 IFMS 275 SCREENING M 1940-2240	04.0	MW	1525 1640	WILLIS S		
93286	IFR	274		CARIBBEAN NOVEL & THEORY CROSS-LISTED: 93290 ICLT 241I 93306 ICLT 441I 94279 IFR 474	04.0	TR	1105 1220	KEMEDJIO C		

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COURSE REF. NO.	DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
93259	IFR	281		HISTORY OF FRENCH CINEMA CROSS-LISTED: 93262 1CLT 211C 93277 1CLT 411C 93495 1FMS 277 94266 1FR 481 SCREENING T 1940-2240	04.0	MW	1400 1515	WILLIS S		
50337	IFR	390		SUPERVISED TEACHING	00.0	TBA			GJ	
50358	IFR	391		INDEPENDENT STUDY	00.0	TBA			GJ	
50392	IFR	392		PRACTICUM	00.0	TBA			GJ	
50406	IFR	393		SENIOR PROJECT	00.0	TBA			GJ	
50422	IFR	404		CONTEMPORARY FRENCH CULTURE CROSS-LISTED: 50291 1FR 204	04.0	TR	0940 1055	KEMEDJIO C		
94279	IFR	474		CARIBBEAN NOVEL & THEORY CROSS-LISTED: 93286 1FR 274 93290 1CLT 241J 93306 1CLT 441I	04.0	TR	1105 1220	KEMEDJIO C		
94266	IFR	481		HISTORY OF FRENCH CINEMA CROSS-LISTED: 93259 1FR 281 93262 1CLT 211C 93277 1CLT 411C 93495 1FMS 277 SCREENING T 1940-2240	04.0	MW	1400 1515	WILLIS S		
50453	IFR	491		MASTER'S READINGS IN FRENCH	00.0	TBA			GJ	
50488	IFR	895		CONT OF MASTER'S ENROLLMENT	00.0	TBA				
50497	IFR	899		MASTER'S DISSERTATION	00.0	TBA			GJ	
50512	IFR	985		LEAVE OF ABSENCE	00.0	TBA				

MODERN LANGUAGES AND CULTURES-GERMAN

52078	1GER	101		ELEMENTARY GERMAN I	04.0	MWF	1100 1150	KUZMICH A		
52080	1GER	101		ELEMENTARY GERMAN I	04.0	MWF	0900 0950	KUZMICH A		
52099	1GER	101		ELEMENTARY GERMAN I - REC	REC	TR	1400 1515			
52103	1GER	101		ELEMENTARY GERMAN I - REC	REC	TR	1815 1930			
52112	1GER	101		ELEMENTARY GERMAN I - REC	REC	TR	1525 1640			
52175	1GER	151		INTERMEDIATE GERMAN I	04.0	MWF	1300 1350			
52181	1GER	200		ADVANCED CONVERSATION & COMP CROSS-LISTED: 52194 1GER 200W	04.0	MW	1230 1345			
52194	1GER	200W		ADVANCED CONVERSATION & COMP CROSS-LISTED: 52181 1GER 200	04.0	MW	1230 1345			
52209	1GER	203		INTRO TO GERMAN LITERATURE CROSS-LISTED: 52214 1GER 203W	04.0	MW	1230 1345	HWANG J		
52214	1GER	203W		INTRO TO GERMAN LITERATURE CROSS-LISTED: 52209 1GER 203	04.0	MW	1230 1345	HWANG J		
94732	1GER	204		MARX AND MARXISM CROSS-LISTED: 94749 1GER 404 94755 1CLT 282A 94761 1CLT 482A	04.0	TR	1525 1640	CREECH J		
52246	1GER	215		CONVERSTNL GER SPEC PURPOSES	04.0	MW	1650 1805			
52292	1GER	391		INDEPENDENT STUDY	00.0	TBA			GJ	
52336	1GER	392		PRACTICUM	00.0	TBA			GJ	
52347	1GER	393		SENIOR PROJECT	00.0	TBA			GJ	
52363	1GER	394		INTERNSHIP	00.0	TBA			GJ	
94749	1GER	404		MARX AND MARXISM CROSS-LISTED: 94732 1GER 204 94755 1CLT 282A 94761 1CLT 482A	04.0	TR	1525 1640	CREECH J		
52407	1GER	491		MASTER'S READING IN GERMAN	00.0	TBA			GJ	
52439	1GER	492		PRACTICUM	00.0	TBA			GJ	
52442	1GER	495		MASTER'S RESEARCH IN GERMAN	00.0	TBA			GJ	
52473	1GER	895		CONT OF MASTER'S ENROLLMENT	00.0	TBA				
52484	1GER	899		MASTER'S DISSERTATION	00.0	TBA			GJ	
52511	1GER	985		LEAVE OF ABSENCE	00.0	TBA				

MODERN LANGUAGES AND CULTURES-ITALIAN

56060	1IT	101		ELEMENTARY ITALIAN I	04.0	MWF	1300 1350	O'KEEFE L		
56071	1IT	101		ELEMENTARY ITALIAN I	04.0	MWF	1300 1350	D'AMANDA E		
56085	1IT	101		ELEMENTARY ITALIAN I - REC	REC	TR	1230 1320			
56092	1IT	101		ELEMENTARY ITALIAN I - REC	REC	TR	1400 1515			
56122	1IT	101		ELEMENTARY ITALIAN I - REC	REC	TR	1400 1515			
56135	1IT	101		ELEMENTARY ITALIAN I - REC	REC	TR	1525 1640			
94776	1IT	111		IN AREZZO-ELEMENTARY ITALIAN	06.0	TBA		LUPINI L		
56170	1IT	114		CONVERSATIONAL ITALIAN	02.0	MW	1400 1515	D'AMANDA E		
56197	1IT	151		INTERMEDIATE ITALIAN I	04.0	MWF	1200 1250	O'KEEFE L		
93440	1IT	153		AREZZO-ACCELERATED ITALIAN	04.0	TBA				
56202	1IT	155		IT CONVERSATION & COMPOSITION	04.0	TR	1525 1640	STOCCHI-PERUC		

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56217	IIT 159	ROMAN STRCT:ENG IN CLA WRLD CROSS-LISTED: 32046 ICLA 213 60615 4ME 105 60621 4ME 105A 10500 1AH 189	04.0	TBA			PERUCCHIO R	A	
56226	IIT 195Q	DANTE'S DIVINE COMEDY I CROSS-LISTED: 32141 ICLT 116Q 32226 ICLT 253C 46527 IENG 206 56251 IIT 220 85401 IREL 197Q 85469 IREL 285	04.0	MW	1525	1640	STOCCHI-PERUC		
56251	IIT 220	DANTE'S DIVINE COMEDY I CROSS-LISTED: 32141 ICLT 116Q 32226 ICLT 253C 46527 IENG 206 56226 IIT 195Q 85401 IREL 197Q 85469 IREL 285	04.0	MW	1525	1640	STOCCHI-PERUC		
93322	IIT 228	IT FROM RISORGIMENTO TO REP CROSS-LISTED: 93319 ICLT 207C 93335 IHIS 228	04.0	TBA					
93427	IIT 244	TUSCAN PAINTING & SOC CHANGE CROSS-LISTED: 93438 1AH 244	04.0	TBA			DURO P		
93341	IIT 276	ITALY: A CULTURAL MOSAIC CROSS-LISTED: 93353 ICLT 207B	04.0	TBA					
56278	IIT 390	SUPERVISED TEACHING	00.0	TBA					GJ
56300	IIT 391	INDEPENDENT STUDY	00.0	TBA					GJ
56325	IIT 392	PRACTICUM	02.0	TBA					GJ
56344	IIT 393	SENIOR PROJECT	00.0	TBA					GJ

MODERN LANGUAGES AND CULTURES-JAPANESE

57150	IJPN 101	ELEMENTARY JAPANESE I	06.0	TR	1230	1345	SHINO F		
57168	IJPN 101	ELEMENTARY JAPANESE I- REC	REC	MWF	1100	1150	SHINO F		
57173	IJPN 101	ELEMENTARY JAPANESE I- REC	REC	MWF	1000	1050	SHINO F		
57184	IJPN 101	ELEMENTARY JAPANESE I- REC	REC	MWF	0900	0950	SHINO F		
57196	IJPN 114	INTERMEDIATE CONVERSTNAL JPN	02.0	MW	1815	1930	TAMATE M		
57201	IJPN 151	INTERMEDIATE JAPANESE I	06.0	MW	1400	1515	TAMATE M		
57216	IJPN 151	INTERMEDIATE JAPANESE I-REC	REC	TR	1525	1640	TAMATE M		
57227	IJPN 151	INTERMEDIATE JAPANESE I-REC	REC	TR	1400	1515	TAMATE M		
57238	IJPN 202	ADV INTERMEDIATE JAPANESE I	04.0	MW	1525	1640	TAMATE M		
57240	IJPN 204	ADV CONVERSATIONAL JAPANESE	02.0	MW	1815	1930	TAMATE M		
57252	IJPN 205	ADVANCED JAPANESE I CROSS-LISTED: 57269 IJPN 205W	04.0	MW	1650	1805	TAMATE M		
57269	IJPN 205W	ADVANCED JAPANESE I CROSS-LISTED: 57252 IJPN 205	04.0	MW	1650	1805	TAMATE M		
57274	IJPN 216	TRADITIONAL JAPAN CROSS-LISTED: 52722 IHIS 105	04.0	MWF	1000	1050	HAUSER W		
57312	IJPN 232	ASIAN CALLIGRAPHY-HIST&PRACT CROSS-LISTED: 29253 ICHI 232	02.0	T	0940	1055	SPENCE Y		
93364	IJPN 254	MODERN JAPANESE LITERATURE CROSS-LISTED: 93370 ICLT 264B 93388 ICLT 464B	04.0	TBA			POLLACK D		
93397	IJPN 262	GREAT CITIES: TOKYO CROSS-LISTED: 93416 ICLT 208E	04.0	TBA			POLLACK D		
57330	IJPN 390	SUPERVISED TEACHING	00.0	TBA					GJ
57375	IJPN 391	INDEPENDENT STUDY	00.0	TBA					GJ
57413	IJPN 391W	INDEPENDENT STUDY	00.0	TBA					GJ
57431	IJPN 392	PRACTICUM IN JAPANESE	00.0	TBA					GJ
57459	IJPN 393	SENIOR ESSAY	00.0	TBA					GJ

MODERN LANGUAGES AND CULTURES-POLISH

80460	IPOL 101	ELEMENTARY POLISH I	04.0	MWF	0900	0950	POLAKOWSKI K		
80471	IPOL 103	POLISH REVIEW	04.0	TBA					
80485	IPOL 151	INTERMEDIATE POLISH	04.0	TR	1105	1220	POLAKOWSKI K		
80492	IPOL 390	SUPERVISED TEACHING	00.0	TBA					GJ
80513	IPOL 391	INDEPENDENT STUDY	00.0	TBA					GJ
80545	IPOL 394	INTERNSHIP	00.0	TBA					GJ

MODERN LANGUAGES AND CULTURES-RUSSIAN

86158	IRUS 101	ELEMENTARY RUSSIAN I	04.0	TR	0940	1055	GIVENS J		
86160	IRUS 101	ELEMENTARY RUSSIAN I- REC	REC	MW	0900	0950	GIVENS L		
86171	IRUS 101	ELEMENTARY RUSSIAN I- REC	REC	MW	1100	1150	GIVENS L		

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86185	IRUS	126	RUSSIA NOW	CROSS-LISTED: 52824 IHIS 154 85950 1RST 126 85996 1RST 126Q STUDENTS MUST REGISTER FOR A RECITATION WHEN REGISTERING FOR THE MAIN SECTION	04.0	M	1400 1515	PARTHE K		
86192	IRUS	126	RUSSIA NOW - REC	CROSS-LISTED: 52859 IHIS 154 85973 1RST 126	REC	M	1650 1805			
86203	IRUS	126	RUSSIA NOW - REC	CROSS-LISTED: 52845 IHIS 154 85968 1RST 126	REC	W	1100 1150			
86212	IRUS	126	RUSSIA NOW - REC	CROSS-LISTED: 52831 IHIS 154 85984 1RST 126	REC	W	1400 1500			
86229	IRUS	127	RUSSIA NOW	CROSS-LISTED: 52813 IHIS 153 86004 1RST 127 PLEASE CONTACT THE DEPARTMENT OR PROFESSOR THE FIRST WEEK OF CLASSES.	02.0	TBA		PARTHE K		
86230	IRUS	151	INTERMEDIATE RUSSIAN I		04.0	MWF	1000 1050	GIVENS L		
86248	IRUS	151	INTERMEDIATE RUSSIAN I-REC		REC	W	1300 1350			
91407	IRUS	191Q	DOSTOEVSKY	CROSS-LISTED: 91391 1RST 191Q 91415 1RUS 237 91421 1RUS 237W 91439 1RST 237 91442 1RST 237W 91450 1CLT 255D	04.0	MW	1525 1640	GIVENS J		
86256	IRUS	202	ADV READINGS IN RUSSIAN		04.0	TR	1230 1345	MASLENNIKOVA		
86267	IRUS	212	ADV LIT & CULTURE IN ORIGINAL		04.0	MW	1650 1805	MASLENNIKOVA		
91363	IRUS	224	RUSSIAN ART	CROSS-LISTED: 91372 1RST 224 91389 1AH 224	04.0	TR	1650 1805	MASLENNIKOVA		
91415	IRUS	237	DOSTOEVSKY	CROSS-LISTED: 91391 1RST 191Q 91407 1RUS 191Q 91421 1RUS 237W 91439 1RST 237 91442 1RST 237W 91450 1CLT 255D	04.0	MW	1525 1640	GIVENS J		
91421	IRUS	237W	DOSTOEVSKY	CROSS-LISTED: 91391 1RST 191Q 91407 1RUS 191Q 91415 1RUS 237 91439 1RST 237 91442 1RST 237W 91450 1CLT 255D	04.0	MW	1525 1640	GIVENS J		
91468	IRUS	289	DANGEROUS TEXTS	CROSS-LISTED: 91473 1RUS 289W 91484 1RST 289 91496 1RST 289W 91500 1CLT 265E 91511 IHIS 243 91525 IHIS 243W	04.0	TR	1230 1345	PARTHE K		
91473	IRUS	289W	DANGEROUS TEXTS	CROSS-LISTED: 91468 1RUS 289 91484 1RST 289 91496 1RST 289W 91500 1CLT 265E 91511 IHIS 243 91525 IHIS 243W	04.0	TR	1230 1345	PARTHE K		
86327	IRUS	390	INDEPENDENT STUDY		00.0	TBA			GJ	
86340	IRUS	391	INDEPENDENT STUDY		00.0	TBA			GJ	
86395	IRUS	393	SENIOR ESSAY		00.0	TBA			GJ	

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MODERN LANGUAGES & CULTURES-RUSSIAN STUDIES
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85950	1RST	126	RUSSIA NOW	CROSS-LISTED: 52824 IHIS 154 85996 1RST 126Q 86185 1RUS 126 STUDENTS MUST REGISTER FOR A RECITATION WHEN REGISTERING FOR THE MAIN SECTION	04.0	M	1400 1515	PARTHE K		
85968	1RST	126	RUSSIA NOW - REC	CROSS-LISTED: 52845 IHIS 154 86203 1RUS 126	REC	W	1100 1150			
85973	1RST	126	RUSSIA NOW - REC	CROSS-LISTED: 52859 IHIS 154 86192 1RUS 126	REC	M	1650 1805			
85984	1RST	126	RUSSIA NOW - REC	CROSS-LISTED: 52831 IHIS 154 86212 1RUS 126	REC	W	1400 1500			
85996	1RST	126Q	RUSSIA NOW	CROSS-LISTED: 52824 IHIS 154 85950 1RST 126 86185 1RUS 126 STUDENTS MUST REGISTER FOR A RECITATION WHEN REGISTERING FOR THE MAIN SECTION	04.0	M	1400 1515	PARTHE K		
86004	1RST	127	RUSSIA NOW	CROSS-LISTED: 52813 IHIS 153 86229 1RUS 127 PLEASE CONTACT THE DEPARTMENT OR PROFESSOR THE FIRST WEEK OF CLASSES.	02.0	TBA		PARTHE K		
86282	1RST	155	HISTORY OF RUSSIA TO 1602		04.0	MW	1230 1345	LENOE M		

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		91391 1RST 191Q	DOSTOEVSKY CROSS-LISTED: 91407 IRUS 191Q 91415 IRUS 237 91421 IRUS 237W 91439 1RST 237 91442 1RST 237W 91450 1CLT 255D	04.0	MW	1525 1640	GIVENS J		
		91372 1RST 224	RUSSIAN ART CROSS-LISTED: 91363 IRUS 224 91389 1AH 224	04.0	TR	1650 1805	MASLENNIKOVA		
		91439 1RST 237	DOSTOEVSKY CROSS-LISTED: 91391 1RST 191Q 91407 IRUS 191Q 91415 IRUS 237 91421 IRUS 237W 91442 1RST 237W 91450 1CLT 255D	04.0	MW	1525 1640	GIVENS J		
		91442 1RST 237W	DOSTOEVSKY CROSS-LISTED: 91391 1RST 191Q 91407 IRUS 191Q 91415 IRUS 237 91421 IRUS 237W 91439 1RST 237 91450 1CLT 255D	04.0	MW	1525 1640	GIVENS J		
		91484 1RST 289	DANGEROUS TEXTS CROSS-LISTED: 91468 IRUS 289 91473 IRUS 289W 91496 1RST 289W 91500 1CLT 265E 91511 1HIS 243 91525 1HIS 243W	04.0	TR	1230 1345	PARTHE K		
		91496 1RST 289W	DANGEROUS TEXTS CROSS-LISTED: 91468 IRUS 289 91473 IRUS 289W 91484 1RST 289 91500 1CLT 265E 91511 1HIS 243 91525 1HIS 243W	04.0	TR	1230 1345	PARTHE K		
		94302 1RST 310	WORLD WAR II: EASTERN FRONT CROSS-LISTED: 91845 1HIS 310W 94298 1HIS 410	04.0	F	1400 1640	LENOE M		
		86076 1RST 391	INDEPENDENT STUDY	00.0	TBA				GJ
		86109 1RST 393	SENIOR ESSAY	00.0	TBA				GJ
		86123 1RST 394	INTERNSHIP	00.0	TBA				GJ

MODERN LANGUAGES AND CULTURES-SPANISH

87436 1SP 101	ELEMENTARY SPANISH I	04.0	MWF	1300 1350	KOUROUBLAKIS
87447 1SP 101	ELEMENTARY SPANISH I	04.0	MW	1815 1930	KOUROUBLAKIS
87454 1SP 101	ELEMENTARY SPANISH I - REC	REC	TR	1400 1515	
87463 1SP 101	ELEMENTARY SPANISH I - REC	REC	TR	1815 1930	
87472 1SP 101	ELEMENTARY SPANISH I - REC	REC	TR	1230 1345	
87489 1SP 102	ELEMENTARY SPANISH II	04.0	MWF	1200 1250	COLE A
87491 1SP 102	ELEMENTARY SPANISH II - REC	REC	TR	1815 1930	
87504 1SP 102	ELEMENTARY SPANISH II - REC	REC	TR	1230 1345	
87510 1SP 151	INTERMEDIATE SPANISH I	04.0	TR	1400 1515	COLE A
87528 1SP 151	INTERMEDIATE SPANISH I	04.0	TR	1230 1345	COLE A
87532 1SP 151	INTERMEDIATE SPANISH I	04.0	MW	1525 1640	
87549 1SP 151	INTERMEDIATE SPANISH I	04.0	MW	1650 1805	
87555 1SP 152	INTERMEDIATE SPANISH II	04.0	MW	1525 1640	KOUROUBLAKIS
87561 1SP 152	INTERMEDIATE SPANISH II	04.0	TR	1650 1805	
87576 1SP 200	ADVANCED SPANISH COMPOSITION	04.0	TR	1525 1640	RODRIGUEZ R
87587 1SP 200	ADVANCED SPANISH COMPOSITION	04.0	MW	1525 1640	PRENDERGAST R
87593 1SP 200	ADVANCED SPANISH COMPOSITION	04.0	TR	1230 1345	JORGENSEN B
91533 1SP 202	INTRO TO MODERN SPANISH LIT	04.0	TR	1230 1345	RODRIGUEZ R
91544 1SP 249E	READING FABLES, TELLING TALES CROSS-LISTED: 91557 1SP 449E	04.0	MW	1400 1515	PRENDERGAST R
91566 1SP 257	SPAN AMERICAN THEATER&POETRY CROSS-LISTED: 91579 1SP 457	04.0	TR	1105 1220	JORGENSEN B
91582 1SP 288	SPANISH FILM CROSS-LISTED: 91598 1SP 488 91604 1CLT 216B 91610 1CLT 416B 91632 1FMS 294 SCREENING M 1940-2240	04.0	TR	1525 1640	SCHAEFER C
95213 1SP 290	BARCELONA&MEDITERRANEAN CLTR CROSS-LISTED: 91354 1CLT 101B	04.0	TR	1230 1345	SCHAEFER C
87646 1SP 390	SUPERVISED TEACHING	00.0	TBA		GJ
87660 1SP 391	INDEPENDENT STUDY	00.0	TBA		GJ
87692 1SP 392	PRACTICUM	00.0	TBA		GJ
87716 1SP 393	SENIOR PROJECT	00.0	TBA		GJ
87740 1SP 394	INTERNSHIP	00.0	TBA		GJ
91557 1SP 449E	READING FABLES, TELLING TALES CROSS-LISTED: 91544 1SP 249E	04.0	MW	1400 1515	PRENDERGAST R

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91379	ISP 457		SPAN AMERICAN THEATER&POETRY CROSS-LISTED: 91566 ISP 257	04.0	TR	1105 1220	JORGENSEN B		
91598	ISP 488		SPANISH FILM CROSS-LISTED: 91582 ISP 288 91604 ICLT 216B 91610 ICLT 416B 91632 IFMS 294 SCREENING M 1940-2240	04.0	TR	1525 1640	SCHAEFER C		
87803	ISP 491		MASTER'S READING COURSE IN SP	00.0	TBA				GJ
87848	ISP 495		MASTER'S RESEARCH IN SP	00.0	TBA				GJ
87875	ISP 591		PHD READINGS	00.0	TBA				GJ
87900	ISP 895		CONT OF MASTER'S ENROLLMENT	00.0	TBA				
87911	ISP 899		MASTER'S DISSERTATION	00.0	TBA				GJ
87933	ISP 985		LEAVE OF ABSENCE	00.0	TBA				
MUSIC									
66656	IMUR 101		ELEMENTS OF MUSIC	04.0	MWF	1200 1250	SCOTT L		A
66675	IMUR 109		MUSICNSHP I: LITERACY SKILLS	01.0	TR	1105 1220			
66681	IMUR 110		INTRO TO MUSIC THEORY	04.0	MWF	1000 1050			A
66694	IMUR 111		THEORY I	04.0	MWF	1200 1250			
66705	IMUR 111		THEORY I	04.0	MWF	1100 1150	BAILEYSHEA M		
66718	IMUR 111		THEORY I	04.0	MWF	1000 1050			
66720	IMUR 111		THEORY I	04.0	MWF	1100 1150			
66736	IMUR 113		MUSICIANSHIP II	01.0	TR	0940 1055			
66747	IMUR 113		MUSICIANSHIP II	01.0	TR	1105 1220			
66754	IMUR 113		MUSICIANSHIP II	01.0	TR	1230 1345			
66763	IMUR 114		MUSICIANSHIP III	01.0	TR	0940 1055			
66772	IMUR 115		MUSICIANSHIP IV	01.0	TR	1105 1220			
66789	IMUR 116		KEYBOARD SKILLS I	02.0	MW	1300 1350			O
91080	IMUR 117		KEYBOARD SKILLS II	02.0	MW	1200 1250			
66791	IMUR 118		BEG PIANO-RC NON-MUSIC MAJOR	02.0	MW	1835 1925			O
66809	IMUR 118		BEG PIANO-RC NON-MUSIC MAJOR	02.0	TR	1835 1925			O
66814	IMUR 122		HISTORY OF JAZZ CROSS-LISTED: 10017 IAAS 122	04.0	MW	1525 1640	BURGETT P		
91099	IMUR 125		HISTORY OF ROCK MUSIC	04.0	MWF	1300 1350	COVACH J		
93871	IMUR 126		OPERA CROSS-LISTED: 62519 6MHS 281	04.0	TR	1230 1345	MECONI H		
92562	IMUR 128		WOMEN AND MUSIC CROSS-LISTED: 92577 IWS1 129 62522 6MHS 281	04.0	TR	1400 1515	MECONI H		
66837	IMUR 150		WOMEN'S CHORUS	01.0	R	1900 2100	SCOTT L		M
66892	IMUR 151		MEN'S CHORUS	01.0	R	2000 2200	SCOTT L		M
66907	IMUR 152		UNIVERSITY CHAMBER SINGERS	01.0	MW	1650 1805	SCOTT L		M
66860	IMUR 153		SYMPHONY ORCHESTRA	01.0	T	1940 2220	HARMAN D	A	M
66871	IMUR 154		CHAMBER ORCHESTRA	01.0	W	1650 1900	HARMAN D	A	M
					M	1650 1800			
66885	IMUR 155		CHAMBER ENSEMBLES	01.0	TBA		HARMAN D	A	M
66846	IMUR 156		WIND SYMPHONY	01.0	M	1940 2200	TIBERIO W	A	M
66921	IMUR 157		JAZZ ENSEMBLE	01.0	WR	2105 2230			M
66858	IMUR 158		GOSPEL CHOIR	01.0	T	1940 2130	PARRIS A	A	M
66915	IMUR 159		GAMELAN ENSEMBLE CROSS-LISTED: 48921 6ENS 215	01.0	S	1500 1730	KOSKOFF E	A	M
66939	IMUR 160		ADVANCED PIANO STUDY	04.0	TBA		MIHAIOVICH Z		A
66942	IMUR 201		BASIC JAZZ THEORY & IMPROV I	02.0	TR	1525 1640			
66950	IMUR 211		THEORY III	04.0	MWF	1300 1350	BAILEYSHEA M		
66968	IMUR 211		THEORY III	04.0	MWF	1100 1150	COVACH J		
66973	IMUR 223		HISTORY OF MUSIC 1730-1850	05.0	MW	1400 1640			
67002	IMUR 223		HIST OF MUSIC 1730-1850 REC	REC	F	1200 1250			
67017	IMUR 223		HIST OF MUSIC 1730-1850 REC	REC	F	1300 1350			
67026	IMUR 391		INDEPENDENT STUDY	00.0	TBA				GJ
67112	IMUR 394		INTERNSHIP	04.0	TBA				GJ
NAVAL SCIENCE									
67318	INAV 093		INTRO TO NAVAL SCIENCE	00.0	MW	0730 0850	REYNOLDS R		
67320	INAV 093		INTRO TO NAVAL SCIENCE - LAB	LAB	W	1525 1805			
67336	INAV 094		SHIP SYSTEMS I	00.0	MW	0730 0850	DE SANTIS J		
67347	INAV 094		SHIP SYSTEMS I - LAB	LAB	W	1525 1805			
67354	INAV 222		NAVAL OPER & SEAMANSHIP	04.0	MW	0730 0850	SHUMA A		
67363	INAV 222		NAVIGATION II - LAB	LAB	W	1525 1805			
67372	INAV 265		LEADERSHIP & MANAGEMENT II	04.0	MW	0730 0850			V
67389	INAV 265		LEADERSHIP & MANAGEMENT-LAB	LAB	TBA				

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NEUROSCIENCE									
		67421 INSC 201	BASIC NEUROBIOLOGY CROSS-LISTED: 15937 IBCS 240 16329 IBCS 507	04.0	MWF	1300 1350	NORDEEN E		
		67439 INSC 201L	BASIC NEUROBIOLOGY LAB CROSS-LISTED: 15946 IBCS 240L 16348 IBCS 507L	01.0	W	1400 1640	WELIKY M		
		67442 INSC 201L	BASIC NEUROBIOLOGY LAB CROSS-LISTED: 15958 IBCS 240L 16356 IBCS 507L	01.0	R	0940 1220	WELIKY M		
		67450 INSC 201L	BASIC NEUROBIOLOGY LAB CROSS-LISTED: 15960 IBCS 240L 16330 IBCS 507L	01.0	R	1525 1805	WELIKY M		
		67473 INSC 243	NEUROCHM FOUNDTNS OF BEHAVIO CROSS-LISTED: 15985 IBCS 243 16394 IBCS 543	04.0	TR	0940 1055	KELLOGG C		
		91305 INSC 246	BIOLOGY OF MENTAL DISORDERS CROSS-LISTED: 91285 IBCS 246 91292 IBCS 546 91318 IBCS 246	04.0	MW	1230 1345	KELLOGG C COMO P		
		67484 INSC 301	SENIOR SEMINAR IN NEUROSCIENCE	02.0	TBA				
		67496 INSC 390	TEACHING INTERNSHIP IN NSC	00.0	TBA				GJ
		67533 INSC 391	INDEPENDENT STUDY	00.0	TBA				GJ
		67649 INSC 394	INTERNSHIP	04.0	TBA				GJ
		67661 INSC 395	RESEARCH IN NEUROSCIENCE	00.0	TBA				GJ
		67927 INSC 396	SPECIAL TOPICS IN NEUROSCI	04.0	TBA				GJ
		93907 INSC 513	MR INAGING: SPINS TO BRAINS CROSS-LISTED: 93892 IBCS 513 93915 IBCS 513	03.0	TBA				
PHILOSOPHY									
		72957 IPHL 101	INTRO TO PHILOSOPHY STUDENTS MUST REGISTER FOR A RECITATION WHEN REGISTERING FOR THE MAIN SECTION	04.0	MWF	1100 1150	NEYA		
		72966 IPHL 101	INTRO TO PHILOSOPHY-REC	REC	F	1200 1250			
		72979 IPHL 101	INTRO TO PHILOSOPHY-REC	REC	F	1100 1150			
		72982 IPHL 101	INTRO TO PHILOSOPHY-REC	REC	F	1400 1515			
		72998 IPHL 101	INTRO TO PHILOSOPHY-REC	REC	R	1525 1640			
		73003 IPHL 102	ETHICS	04.0	TR	1650 1805	CONEE E		
		73012 IPHL 103A	MORAL PROBLEMS	04.0	TR	0940 1055	CURREN R		
		73029 IPHL 105	REASON AND ARGUMENT	04.0	MWF	0900 0950	FELDMAN R		
		73030 IPHL 110	INTRODUCTORY LOGIC	04.0	MWF	0900 0950	BENNETT J		
		73048 IPHL 111	PHILOSOPHY OF RELIGION CROSS-LISTED: 85341 IREL 111	04.0	MWF	1100 1150	WIERENGA E		
		91237 IPHL 115	PHILOSOPHY IN LITERATURE	04.0	TR	1400 1515	MEERBOTE R		
		73056 IPHL 116Q	PHIL HISTORY OF NON-VIOLENCE	04.0	TR	1230 1345	HOLMES R		P
		73075 IPHL 201	HISTORY OF ANCIENT PHILOSOPHY	04.0	TR	1525 1640	MODRAK D		
		91246 IPHL 217	UNCERTAIN INFERENCE CROSS-LISTED: 91258 IPHL 417 92590 ICSC 217 92605 ICSC 417	04.0	MW	1230 1345			
		73081 IPHL 226	PHILOSOPHY OF LAW CROSS-LISTED: 73094 IPHL 226W 73574 IPHL 426	04.0	MWF	1300 1350	BENNETT J		
		73094 IPHL 226W	PHILOSOPHY OF LAW CROSS-LISTED: 73081 IPHL 226 73574 IPHL 426	04.0	MWF	1300 1350	BENNETT J		
		73124 IPHL 243	THEORY OF KNOWLEDGE CROSS-LISTED: 73583 IPHL 443 73131 IPHL 243W	04.0	MWF	1300 1350	FELDMAN R		
		73131 IPHL 243W	THEORY OF KNOWLEDGE CROSS-LISTED: 73124 IPHL 243 73583 IPHL 443	04.0	MWF	1300 1350	FELDMAN R		
		73145 IPHL 247	PHILOSOPHY OF LANGUAGE CROSS-LISTED: 73159 IPHL 247W 73595 IPHL 447	04.0	MWF	1100 1150	BRAUN D		
		73159 IPHL 247W	PHILOSOPHY OF LANGUAGE CROSS-LISTED: 73145 IPHL 247 73595 IPHL 447	04.0	MWF	1100 1150	BRAUN D		
		73177 IPHL 265	SELECT TOP IN ANCIENT PHILOS CROSS-LISTED: 73186 IPHL 265W 73611 IPHL 465	04.0	W	1650 1930	MODRAK D		
		73186 IPHL 265W	SELECT TOP IN ANCIENT PHILOS CROSS-LISTED: 73177 IPHL 265 73611 IPHL 465	04.0	W	1650 1930	MODRAK D		
		73190 IPHL 266	RATIONALISM CROSS-LISTED: 73625 IPHL 466	04.0	TR	0940 1055	MEERBOTE R		
		91130 IPHL 268	AUGUSTINE ANSELM & AQUINAS CROSS-LISTED: 91129 IREL 230 91148 IPHL 468 91260 IPHL 268W	04.0	MW	1400 1515	WIERENGA E		

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91260	1PHL	268W	AUGUSTINE ANSELM & AQUINAS CROSS-LISTED: 91129 IREL 230 91130 IPHL 268 91148 IPHL 468	04.0	MW	1400 1515	WIERENGA E		
91271	1PHL	301	SEL TOP IN ETHICS OF NON-VIO	04.0	TR	1105 1220	HOLMES R		
92268	1PHL	324	ROUSSEAU TO REVOLUTION CROSS-LISTED: 92618 IPSC 292	04.0	TR	0940 1055	DEES R		
73210	1PHL	390	SUPERVISED TEACHING	00.0	TBA				GJ
73232	1PHL	391	INDEPENDENT STUDY	00.0	TBA				GJ
73342	1PHL	392	HONORS TUTORIAL	00.0	TBA				GJ
73434	1PHL	393	HONORS THESIS	00.0	TBA				GJ
73501	1PHL	394	INTERNSHIP	00.0	TBA				GJ
73552	1PHL	396	TEACHING INTERNSHIP	04.0	TBA				A
91258	1PHL	417	UNCERTAIN INFERENCE CROSS-LISTED: 91246 IPHL 217 92590 ICSC 217 92605 ICSC 417	04.0	MW	1230 1345			
73574	1PHIL	426	PHILOSOPHY OF LAW CROSS-LISTED: 73081 IPHL 226 73094 IPHL 226W	04.0	MWF	1300 1350	BENNETT J		
73583	1PHL	443	THEORY OF KNOWLEDGE CROSS-LISTED: 73124 IPHL 243 73131 IPHIL 243W	04.0	MWF	1300 1350	FELDMAN R		
73595	1PHL	447	PHILOSOPHY OF LANGUAGE CROSS-LISTED: 73145 IPHL 247 73159 IPHL 247W	04.0	MWF	1100 1150	BRAUN D		A
73611	1PHL	465	SELECT TOP IN ANCIENT PHILOS CROSS-LISTED: 73177 IPHL 265 73186 IPHIL 265W	04.0	W	1650 1930	MODRAK D		
73625	1PHIL	466	RATIONALISM CROSS-LISTED: 73190 IPHL 266	04.0	TR	0940 1055	MEERBOTE R		
91148	1PHL	468	AUGUSTINE ANSELM & AQUINAS CROSS-LISTED: 91129 IREL 230 91130 IPHL 268 91260 IPHL 268W	04.0	MW	1400 1515	WIERENGA E		
73633	1PHL	491	MASTER'S READINGS IN PHL	00.0	TBA				GJ
73723	1PHL	493	MASTER'S ESSAY	00.0	TBA				
73758	1PHL	495	MASTER'S THESIS RESEARCH	00.0	TBA				
73818	1PHIL	515	PHIL OF MIND: MENTAL CONTENT	04.0	W	1400 1640	NEYA BRAUN D		
91649	1PHL	517	SEL TOP IN ETHICS	04.0	M	1400 1640	CONEE E		
73836	1PHIL	552	SEL TOP IN HIST & PHIL OF SCI	04.0	T	1400 1640			
73847	1PHIL	560	WRITING SEMINAR	04.0	TBA		CURREN R		A
73854	1PHIL	580	SUPERVISED INSTRUCTN IN PHL	00.0	TBA		CURREN R		
73863	1PHIL	581	SUPERVISE INSTRUCT: LEC TO UN	04.0	TBA				
73872	1PHL	591	PHD READINGS IN PHL	00.0	TBA				GJ
74028	1PHIL	594	INTERNSHIP	00.0	TBA				GJ
74049	1PHL	595	PHD RESEARCH IN PHL	00.0	TBA				
74185	1PHIL	595A	PHD RESEARCH IN ABSENTIA	00.0	TBA				GJ
74192	1PHL	895	CONT OF MASTER'S ENROLLMENT	00.0	TBA				
74203	1PHL	899	MASTER'S DISSERTATION	00.0	TBA				
74230	1PHIL	985	LEAVE OF ABSENCE	00.0	TBA				
74248	1PHIL	995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
74256	1PHIL	997	DOCTORAL DISSERTATION	00.0	TBA				
74294	1PHIL	999	DOCTORAL DISSERTATION	00.0	TBA				
74425	1PHIL	999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ

PHYSICS & ASTRONOMY - PHYSICS

75572	1PHY	100	NATURE PHYSICAL WORLD	04.0	MW	1400 1515	MANLY S		
75589	1PHY	100	NATURE PHYSICAL WORLD	04.0	TBA		MANLY S		
75536	1PHY	103	PHYSICS OF MUSIC	04.0	TR	0940 1055	QUILLEN A		
75547	1PHY	103	PHYSICS OF MUSIC - LAB	LAB	W	1650 1930			
75554	1PHY	103	PHYSICS OF MUSIC - LAB	LAB	W	1400 1640			
75563	1PHY	103	PHYSICS OF MUSIC - LAB	LAB	T	1400 1640			
75591	1PHY	113	GENERAL PHYSICS I STUDENTS MUST ATTEND LAB LECTURE FRIDAY 9/14/07 AT 1525-1805 IN HOYT AUD. STUDENTS MUST REGISTER FOR A PHY 113 LAB. PHY 113 INCLUDES LABORATORY, WORKSHOPS AND REVIEW SESSIONS. YOUR INSTRUCTOR WILL ANNOUNCE WORKSHOP SIGNUP AT THE START OF CLASS.	04.0	TR	1230 1345	CLINE D		
75621	1PHY	113	113 MECHANICS LAB-TE/ LAB	LAB	T	1650 1930	CLINE D DEMINA R		
75642	1PHY	113	113 MECHANICS LAB-R/ LAB	LAB	R	1400 1640	CLINE D DEMINA R		
75712	1PHY	113	113 MECHANICS LAB-WE/ LAB	LAB	W	1650 1930	CLINE D DEMINA R		
75729	1PHY	113	113 MECHANICS LAB-T/ LAB	LAB	T	1400 1640	CLINE D DEMINA R		
75801	1PHY	113	113 MECHANICS LAB-ME/ LAB	LAB	M	1650 1930	CLINE D DEMINA R		
75825	1PHY	113	113 MECHANICS LAB-WE/ LAB	LAB	W	1400 1640	CLINE D		

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75852	1PHY	122		ELECTRICITY & MAGNETISM STUDENTS MUST REGISTER FOR A 122/142 LABORATORY. PHY 122 INCLUDES LABORATORY, WORKSHOP AND REVIEW SESSIONS. YOUR INSTRUCTOR WILL ANNOUNCE WORKSHOP SIGNUP AT THE START OF CLASSES.	04.0	MW	1200 1320	EBERLY J		
75869	1PHY	122		122/142 E&M LAB - ME CROSS-LISTED: 76242 1PHY 142		LAB M	1650 1930	DEMINA R EBERLY J		
75874	1PHY	122		122/142 E&M LAB - W CROSS-LISTED: 76183 1PHY 142		LAB W	1400 1640	DEMINA R EBERLY J		
75908	1PHY	122		122/142 E&M LAB - RE CROSS-LISTED: 76239 1PHY 142		LAB R	1650 1930	DEMINA R EBERLY J		
75945	1PHY	122		122/142 E&M LAB - M CROSS-LISTED: 76174 1PHY 142		LAB M	1400 1640	DEMINA R EBERLY J		
75959	1PHY	122		122/142 E&M LAB - WE CROSS-LISTED: 76207 1PHY 142		LAB W	1650 1930	DEMINA R EBERLY J		
75962	1PHY	122		122/142 E&M LAB - T CROSS-LISTED: 76195 1PHY 142		LAB T	1400 1640	DEMINA R EBERLY J		
75986	1PHY	122		122/142 E&M LAB - TE CROSS-LISTED: 76250 1PHY 142		LAB T	1650 1930	DEMINA R EBERLY J		
76070	1PHY	141		MECHANICS (HONORS) STUDENTS MUST REGISTER FOR A PHY 141 LAB. PHY 141 INCLUDES LABORATORY, WORKSHOP AND REVIEW SESSIONS. YOUR INSTRUCTOR WILL ANNOUNCE SIGNUP AT THE START OF CLASSES.	04.0	TR	0940 1055	WOLFS F		
76088	1PHY	141		MECHANICS(HONORS) RECITATION		REC T	1525 1640	WOLFS F		
76097	1PHY	141		MECHANICS(HONORS) RECITATION		REC W	1815 1930	WOLFS F		
76116	1PHY	141		MECHANICS(HONORS) RECITATION		REC W	1400 1515	WOLFS F		
76127	1PHY	141		HONORS MECHANICS LAB-ME		LAB M	1815 2055	WOLFS F		
76138	1PHY	141		HONORS MECHANICS LAB-M		LAB M	1400 1640	WOLFS F		
76140	1PHY	141		MECHANICS(HONORS) RECITATION		REC T	1400 1515	WOLFS F		
76152	1PHY	142		ELECTRICITY & MAGN (HONORS) STUDENTS MUST REGISTER FOR A PHY 122/142 LAB. PHY 142 INCLUDES LABORATORY, WORKSHOP, REVIEW SESSION AND RECITATION.	04.0	TR	1105 1220	MANLY S		
76169	1PHY	142		ELECTRICITY & MAGN REC		REC T	1650 1930	CLINE D		
76174	1PHY	142		122/142 E&M LAB - M CROSS-LISTED: 75945 1PHY 122		LAB M	1400 1640	DEMINA R EBERLY J		
76183	1PHY	142		122/142 E&M LAB - W CROSS-LISTED: 75874 1PHY 122		LAB W	1400 1640	DEMINA R EBERLY J		
76195	1PHY	142		122/142 E&M LAB - T CROSS-LISTED: 75962 1PHY 122		LAB T	1400 1640	DEMINA R EBERLY J		
76207	1PHY	142		122/142 E&M LAB - WE CROSS-LISTED: 75959 1PHY 122		LAB W	1650 1930	DEMINA R EBERLY J		
76215	1PHY	142		ELECTRICITY & MAGN REC		REC M	1400 1640	CLINE D		
76221	1PHY	142		ELECTRICITY & MAGN REC		REC W	1650 1930	CLINE D		
76239	1PHY	142		122/142 E&M LAB - RE CROSS-LISTED: 75908 1PHY 122		LAB R	1650 1930	DEMINA R EBERLY J		
76242	1PHY	142		122/142 E&M LAB - ME CROSS-LISTED: 75869 1PHY 122		LAB M	1650 1930	DEMINA R EBERLY J		
76250	1PHY	142		122/142 E&M LAB - TE CROSS-LISTED: 75986 1PHY 122		LAB T	1650 1930	DEMINA R EBERLY J		
94710	1PHY	142		ELECTRICITY & MAGN REC		REC R	1815 2055	CLINE D		
76273	1PHY	181		MECHANICS LABORATORY CONTACT PHYSLABS@PAS.ROCHESTER.EDU TO SIGN UP FOR A LAB SECTION.	01.0	TBA		DEMINA R		A
76284	1PHY	182		ELEC & MAGNETISM LAB CONTACT PHYSLABS@PAS.ROCHESTER.EDU TO SIGN UP FOR A LAB SECTION.	01.0	TBA		DEMINA R		A
76296	1PHY	217		E & M I	04.0	TR	1230 1345	HAGEN C		
91974	1PHY	217		E & M I - REC		REC W	1525 1640			
91983	1PHY	217		E & M I - REC		REC R	1815 2055			
91995	1PHY	217		E & M I - REC		REC W	1650 1930			
76304	1PHY	235W		CLASSICAL MECHANICS I	04.0	MW	1230 1345	CLINE D		
76310	1PHY	235W		CLASSICAL MECHANICS I - REC		REC T	1400 1640	CLINE D		
91831	1PHY	235W		CLASSICAL MECHANICS I - REC		REC M	1815 2055			
91886	1PHY	235W		CLASSICAL MECHANICS I - REC		REC T	1525 1640			
76328	1PHY	243W		ADV EXPERIMENTAL TECHNIQ I	04.0	TR	1400 1640	DEMINA R		
76332	1PHY	244W		ADV EXPERIMENTAL TECHN II	04.0	TR	1400 1640	DEMINA R		
76349	1PHY	245W		ADV EXPERMT IN NUC PART&ESR CROSS-LISTED: 76967 1PHY 445	04.0	TR	1400 1640	DEMINA R		
76355	1PHY	254		20TH C PARTICLE PHYS CROSS-LISTED: 76903 1PHY 440	04.0	MW	1230 1345	RAJEEV S		
76361	1PHY	263		COMPUTATIONAL METHODS IN OPT CROSS-LISTED: 70000 4OPT 211	04.0	TR	0940 1055	BROWN T		
76376	1PHY	264		LASER SYSTEMS CROSS-LISTED: 70011 4OPT 224	04.0	TR	1105 1220	GUO C		
76387	1PHY	302		TOPICS IN HEALTH PHYSICS	04.0	TBA		FOSTER T		

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76409	1PHY		327	PHY OF RADIOBIOLOGY I CROSS-LISTED: 76929 1PHY 427 THIS COURSE IS OFFERED THE SAME AS THE MEDICAL CENTER 9/4/07 TO 12/22/07	04.0	TBA		KENG P		
76414	1PHY		331A	INTRO TO QUANTUM OPTICS CROSS-LISTED: 70551 4OPT 551 77154 1PHY 531 SEPTEMBER 5 - OCTOBER 24	02.0	MWF	0815 0950	STROUD C		
76423	1PHY		381A	INTRO TO PARTICLE PHYSICS I 9/4/07 TO 10/23/07	02.0	T	1230 1530	THORNDIKE E		
76437	1PHY		386	TEACH INTER I-PEDAGOGY	02.0	TBA		MANLY S		
76446	1PHY		388	TEACHING INTERNSHIP I	02.0	F	1200 1330	DEMINA R	A	
76458	1PHY		388	TEACHING INTERNSHIP I	02.0	F	1200 1330	MANLY S	A	
76460	1PHY		390	SUPERVISED TEACHING	00.0	TBA			GJ	
76524	1PHY		390A	SUPERVISED TEACHING/LEADERSH	00.0	TBA			GJ	
76545	1PHY		391	INDEPENDENT STUDY	00.0	TBA			GJ	
76689	1PHY		393	SENIOR PROJECT	00.0	TBA			GJ	
76778	1PHY		393W	SENIOR PROJECT	00.0	TBA			GJ	
76799	1PHY		395	SPECIAL TOPICS	00.0	TBA			GJ	
76833	1PHY		395W	RESEARCH IN PHYSICS	00.0	TBA			GJ	
92019	1PHY		396B	SUPERVISED SCIENCE WRITING I CROSS-LISTED: 92006 1PHY 496B	02.0	TBA		BODEK A		
92485	1PHY		397A	SUPERVISED SCI WRITING II CROSS-LISTED: 92460 4ECE 397A 92471 4ECE 497B 92492 1PHY 497B	02.0	TBA		BOCKO M		
76866	1PHY		401	MATH METH OF OPTICS & PHY CROSS-LISTED: 70341 4OPT 411	04.0	MW	0930 1045	ALONSO M		
76879	1PHY		407	QUANTUM MECHANICS I	04.0	TR	1230 1345	HOWELL J		
76898	1PHY		415	ELECTROMAGNETIC THEORY I	04.0	MWF	1100 1220	TEITEL S		
76912	1PHY		423	TOPICS IN HEALTH PHYSICS CROSS-LISTED: 76387 1PHY 302	04.0	TBA		FOSTER T		
76929	1PHY		427	PHY OF RADIOBIOLOGY I CROSS-LISTED: 76409 1PHY 327 THIS COURSE IS OFFERED THE SAME AS THE MEDICAL CENTER 6/4/07 TO 12/22/07	04.0	TBA		KENG P		
76930	1PHY		431	NANO-OPTICS CROSS-LISTED: 70397 4OPT 463	04.0	TR	1230 1345	NOVOTNY L		
76948	1PHY		434	QUANTUM OPTICS LABORATORY CROSS-LISTED: 38584 4ECE 492 70057 4OPT 263K 70416 4OPT 492	04.0	TBA		LUKISHOVA S	A	
76956	1PHY		438	OPTICAL COMMUNICATIONS SYSTM CROSS-LISTED: 70364 4OPT 428	04.0	TR	1525 1640	AGRAWAL G		
76903	1PHY		440	20TH C PARTICLE PHYS CROSS-LISTED: 76355 1PHY 254	04.0	MW	1230 1345	RAJEEV S		
76967	1PHY		445	ADV EXPERMT IN NUC PART&ESR CROSS-LISTED: 76349 1PHY 245W	04.0	TR	1400 1640	DEMINA R		
76975	1PHY		454	INTRO TO PLASMA PHYSICS CROSS-LISTED: 61055 4ME 434	04.0	MW	1525 1640	REN C		
76981	1PHY		491	MASTER'S READINGS IN PHYSICS	00.0	TBA			GJ	
77059	1PHY		492	SPECIAL TOPICS	00.0	TBA			GJ	
77077	1PHY		493	METHODS IN PLASMA SIMULTNS	04.0	TBA			GJ	
77090	1PHY		495	MASTER'S RESEARCH IN PHYSICS	00.0	TBA			GJ	
92006	1PHY		496B	SUPERVISED SCIENCE WRITING I CROSS-LISTED: 92019 1PHY 396B	02.0	TBA		BODEK A		
92492	1PHY		497B	SUPERVISED SCI WRITING II CROSS-LISTED: 92460 4ECE 397A 92471 4ECE 497B 92485 1PHY 397A	02.0	TBA		BOCKO M		
77136	1PHY		498	SUPERVISED TEACHING ASST I	00.0	T	1650 1930			
92138	1PHY		510	RELATIV QUANT MECH	04.0	TR	1105 1220	DAS A		
93915	1PHY		513	MR IMAGING: SPINS TO BRAINS CROSS-LISTED: 93892 IBCS 513 93907 INSC 513	04.0	TBA				
92152	1PHY		516	E & M II	04.0	TR	1400 1515	ORR L		
77154	1PHY		531	INTRO TO QUANTUM OPTICS CROSS-LISTED: 70551 4OPT 551 76414 1PHY 331A SEPTEMBER 5 - OCTOBER 24	04.0	MWF	0815 0950	STROUD C		
92169	1PHY		564	HIGH ENERGY ASTROPHYSICS CROSS-LISTED: 92174 LAST 564	04.0	TBA		FRANK A		
77172	1PHY		581	PARTICLE PHYSICS I	04.0	T	1230 1530	THORNDIKE E		
77189	1PHY		591	PHD READINGS IN PHYSICS	00.0	TBA			GJ	
77429	1PHY		593	SPECIAL TOPICS&PRTCLE PHYS	00.0	TBA			GJ	
77467	1PHY		595	PHD RESEARCH IN PHYSICS	00.0	TBA			GJ	
78054	1PHY		595A	PHD RESEARCH IN ABSENTIA	00.0	TBA			GJ	
78173	1PHY		597	RESEARCH & TEACH SEMINAR	00.0	F	1650 1930	RAJEEV S MANLY S		
78184	1PHY		598	TEACH WRKSHP LDR PEDAGOGY	00.0	TBA				
78196	1PHY		895	CONT OF MASTER'S ENROLLMENT	00.0	TBA				
78201	1PHY		897A	MASTERS DISSERTATION ABSENTI	00.0	TBA			GJ	
78238	1PHY		899	MASTER'S DISSERTATION	00.0	TBA				
78774	1PHY		899	LEAVE OF ABSENCE	00.0	TBA				

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78295	IPHY	997		DOCTORAL DISSERTATION	00.0	TBA				
78477	IPHY	997A		DOCT DISSERTATN IN ABSENTIA	00.0	TBA			GJ	
78523	IPHY	999		DOCTORAL DISSERTATION	00.0	TBA				
79002	IPHY	999A		DOCT DISSERTATN IN ABSENTIA	00.0	TBA			GJ	

PHYSICS & ASTRONOMY-ASTRONOMY

13708	IAST	104		SOLAR SYSTEM	04.0	TR	1400 1515	BLACKMAN E		
13713	IAST	104		SOLAR SYSTEM - REC	REC	M	1400 1515			
13724	IAST	104		SOLAR SYSTEM - REC	REC	F	1525 1640			
13731	IAST	104		SOLAR SYSTEM - REC	REC	W	1525 1640			
13745	IAST	104		SOLAR SYSTEM - REC	REC	T	1525 1640			
13762	IAST	111		ELEMENTARY ASTRONOMY	04.0	TR	1105 1220	WATSON D		
13777	IAST	111		ELEMENTARY ASTRONOMY - REC	REC	T	0940 1055			
13786	IAST	111		ELEMENTARY ASTRONOMY - LAB	LAB	R	1815 2055			
13790	IAST	111		ELEMENTARY ASTRONOMY - LAB	LAB	F	1400 1640			
13822	IAST	390		SUPERVISED TEACHING	00.0	TBA				GJ
13841	IAST	391		INDEPENDENT STUDY	00.0	TBA				GJ
13864	IAST	393		SENIOR PROJECT	00.0	TBA				GJ
13897	IAST	393W		SENIOR PROJECT	00.0	TBA				GJ
13918	IAST	395		SPECIAL TOPICS	00.0	TBA				GJ
92174	IAST	564		HIGH ENERGY ASTROPHYSICS CROSS-LISTED: 92169 IPHY 564	04.0	TBA		FRANK A		
13947	IAST	591		PHD READINGS IN ASTROPHYSICS	00.0	TBA				GJ
13954	IAST	594		ASTRO OBSERVATIONAL SEMINAR	04.0	F	1100 1150			
13963	IAST	595		PHD RESEARCH IN ASTROPHYSICS	00.0	TBA				
14048	IAST	595A		PHD RESEARCH IN ABSENTIA	00.0	TBA				GJ
14067	IAST	899		MASTER'S DISSERTATION	00.0	TBA				
14075	IAST	985		LEAVE OF ABSENCE	00.0	TBA				
14081	IAST	995		CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
14094	IAST	997		DOCTORAL DISSERTATION	00.0	TBA				
14113	IAST	999		DOCTORAL DISSERTATION	00.0	TBA				
14210	IAST	999A		DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ

POLITICAL SCIENCE

80620	IPSC	101		INTRO/COMPARATIVE POLITICS	04.0	MWF	1100 1150	MEGUID B		P
80636	IPSC	101		INTRO/COMPARATIVE POLIT-REC	REC	F	1100 1150			
80647	IPSC	101		INTRO/COMPARATIVE POLIT-REC	REC	F	1100 1150			
80654	IPSC	101		INTRO/COMPARATIVE POLIT-REC	REC	F	1100 1150			
92654	IPSC	107		INTRO TO POSITIVE POLYTHEOR	04.0	TR	0940 1055	PRIMO D		
80689	IPSC	200		APPLIED DATA ANALYSIS STUDENTS MUST REGISTER FOR A LAB WHEN REGISTERING FOR THE MAIN SECTION.	04.0	MW	1230 1345	PERESS M		
80691	IPSC	200		APPLIED DATA ANALYSIS - LAB	LAB	F	1100 1150			
80702	IPSC	200		APPLIED DATA ANALYSIS - LAB	LAB	F	1300 1350			
92672	IPSC	201		POLITICAL INQUIRY	04.0	TR	1105 1220	CLARKE K		
80717	IPSC	202		ARGUMENT IN POLITICAL SCIENCE	04.0	MWF	1100 1150	GAMM G		C
92689	IPSC	209		INTEREST GROUPS IN AMERICA CROSS-LISTED: 92691 IPSC 209W	04.0	TR	1105 1220	ROTHENBERG L		
92691	IPSC	209W		INTEREST GROUPS IN AMERICA CROSS-LISTED: 92689 IPSC 209	04.0	TR	1105 1220	ROTHENBERG L		
92702	IPSC	222		THE PRESIDENCY	04.0	MW	1230 1345	JORDAN S		
92717	IPSC	223		CONSTITUTNL STRUCTURE&RIGHTS	04.0	R	1400 1640	JACKSONT		
92726	IPSC	225W		RACE & REPRESENTATION CROSS-LISTED: 92734 IAS 225 92743 IPSC 525	04.0	W	1525 1805	SINCLAIR-CHAP		
92751	IPSC	237		DOMESTIC SOCIAL POLICY CROSS-LISTED: 92765 IPSC 237W	04.0	MW	1525 1640	JACOBS B		
92765	IPSC	237W		DOMESTIC SOCIAL POLICY CROSS-LISTED: 92751 IPSC 237	04.0	MW	1525 1640	JACOBS B		
92778	IPSC	241W		URBAN CHANGE&CITY POLITICS CROSS-LISTED: 92780 IHIS 384W 92799 IHIS 484 92800 IPSC 530	04.0	T	1525 1805	GAMM G		
92811	IPSC	246		WOMEN IN POLITICS CROSS-LISTED: 92825 IWST 203F	04.0	MW	1230 1345	BREDES N		
92833	IPSC	253		COMPARATIVE PLTCL PARTIES CROSS-LISTED: 92844 IPSC 253W	04.0	T	1400 1640	MEGUID B		
92844	IPSC	253W		COMPARATIVE PLTCL PARTIES CROSS-LISTED: 92833 IPSC 253	04.0	T	1400 1640	MEGUID B		
80948	IPSC	255		POLITICAL FILMS: FASCISM CROSS-LISTED: 49908 IFMS 256B	04.0	R	1400 1640	HAUSER E		
80967	IPSC	261		LATIN AMERICAN POLITICS CROSS-LISTED: 80975 IPSC 261W	04.0	TR	1230 1345	HELMKE G		
80975	IPSC	261W		LATIN AMERICAN POLITICS CROSS-LISTED: 80967 IPSC 261	04.0	TR	1230 1345	HELMKE G		

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DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
		92857 1PSC 262	GOLBALIZATN PAST & PRESENT	04.0	T	1400 1640	KAYSER M		
		92866 1PSC 272	THEORIES OF INTERNAT RELATNS CROSS-LISTED: 92879 1PSC 272W 92903 1PSC 472	04.0	TR	0940 1055	STONE R		
		92879 1PSC 272W	THEORIES OF INTERNAT RELATNS CROSS-LISTED: 92866 1PSC 272 92903 1PSC 472	04.0	TR	0940 1055	STONE R		
		93950 1PSC 280	THE POLITICS OF DELEGATION	04.0	MWF	1100 1150	JORDAN S		
		93968 1PSC 283	CONTEMPORARY AMERICAN THEORY	04.0	TR	1105 1220	JOHNSON J		
		81009 1PSC 288	GAME THEORY CROSS-LISTED: 40091 1ECO 288	04.0	MW	1400 1515	KALANDRAKIS A		
		92618 1PSC 292	ROUSSEAU TO REVOLUTION CROSS-LISTED: 92268 1PHL 324	04.0	TR	0940 1055	DEES R		
		81023 1PSC 380	SCOPE OF POLITICAL SCIENCE CROSS-LISTED: 81589 1PSC 480	04.0	T	1230 1515	POWELL G	A	
		81037 1PSC 390	SUPERVISED TEACHING	00.0	TBA				GJ
		81092 1PSC 391	INDEPENDENT STUDY	00.0	TBA				GJ
		81234 1PSC 391W	INDEPENDENT STUDY	00.0	TBA				GJ
		81251 1PSC 392	PRACTICUM	04.0	TBA				GJ
		81280 1PSC 393	SENIOR HONORS PROJECT	00.0	TBA				GJ
		81449 1PSC 393W	SENIOR HONORS PROJECT	00.0	TBA				GJ
		81461 1PSC 394	INTERNSHIP	00.0	TBA				GJ
		81547 1PSC 397	EUROPEAN POLITICAL INTERNSHP	08.0	TBA		POWELL L		
		81554 1PSC 404	PROBABILITY & INFERENCE	04.0	TR	1600 1715	CLARKE K		
		81572 1PSC 407	MATHEMATICAL MODELING	04.0	TR	1000 1155	DUGGAN J		
		92903 1PSC 472	THEORIES OF INTERNAT RELATNS CROSS-LISTED: 92866 1PSC 272 92879 1PSC 272W	04.0	TR	0940 1055	STONE R		
		81589 1PSC 480	SCOPE OF POLITICAL SCIENCE CROSS-LISTED: 81023 1PSC 380	04.0	T	1230 1515	POWELL G	A	
		81591 1PSC 491	MASTER'S READINGS IN POL SCI	00.0	TBA				GJ
		81703 1PSC 492	MASTER'S RESEARCH IN POL SCI	00.0	TBA				GJ
		93973 1PSC 495	MASTER'S RESEARCH IN POL SCI	00.0	TBA				GJ
		81748 1PSC 505	MAX LIKELIHOOD ESTIMATION	04.0	R	1525 1805	SIGNORINO C		
		92912 1PSC 507	COMPUTATIONAL METHODS	04.0	T	1525 1805	PERESS M		
		92929 1PSC 523	AMER POLITICS FIELD SEMINAR	04.0	M	1230 1515	POWELL L PRIMO D		
		92743 1PSC 525	RACE & REPRESENTATION CROSS-LISTED: 92726 1PSC 225W 92734 1AAS 225	04.0	W	1525 1805	SINCLAIR-CHAP		
		92800 1PSC 530	URBAN CHANGE&CITY POLITICS CROSS-LISTED: 92778 1PSC 241W 92780 1HIS 384W 92799 1HIS 484	04.0	T	1525 1805	GAMM G		
		93984 1PSC 550	COMPAR POLITICS SEMINAR	04.0	W	1230 1515	POWELL G HELMKE G		
		92930 1PSC 564	COMPARATIVE PLTCL ECONOMY	04.0	W	1525 1805	KAYSER M		
		92948 1PSC 568	INTERNATIONAL ORGANIZATION	04.0	F	0930 1210	STONE R		
		92981 1PSC 575	POLITICAL ECONOMY I CROSS-LISTED: 92967 1PEC 575 92975 1ECO 575	04.0	T	1230 1515	FEY M		
		93996 1PSC 581	PHILOS FOUNDATIONS OF PSC	04.0	R	1230 1515	JOHNSON J		
		81794 1PSC 584	GAME THEORY	04.0	MW	1105 1220	FEY M		
		92956 1PSC 586	THRY OF VOTING & ELECTIONS	04.0	T	1230 1515	FEY M		
		81801 1PSC 591	PHD READINGS IN POL SCI	00.0	TBA				GJ
		81840 1PSC 592	PHD RESEARCH IN POL SCI	00.0	TBA				GJ
		81895 1PSC 594	RESEARCH INTERNSHIP	00.0	TBA				GJ
		94008 1PSC 595	PHD RESEARCH IN POL SCI	00.0	TBA				GJ
		81924 1PSC 895	CONT OF MASTER'S ENROLLMENT	00.0	TBA				GJ
		81931 1PSC 897	CONT OF DOCTORAL ENROLLMENT	00.0	TBA				GJ
		81959 1PSC 899	MASTER'S DISSERTATION	00.0	TBA				GJ
		81986 1PSC 985	LEAVE OF ABSENCE	00.0	TBA				GJ
		81990 1PSC 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA				GJ
		82003 1PSC 997	DOCTORAL DISSERTATION	00.0	TBA				GJ
		82081 1PSC 997A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ
		82108 1PSC 999	DOCTORAL DISSERTATION	00.0	TBA				GJ
		82228 1PSC 999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ

PSYCHOLOGY

83367 1PSY 100	PSYCHOLOGY HERE AND NOW	01.0	TBA			MCADAM D	AP
83375 1PSY 101	INTRO TO PSYCHOLOGY	04.0	MW	1815	1930	HUTA V	E
83381 1PSY 101	INTRO TO PSYCHOLOGY	04.0	MWF	1000	1050	MCADAM D	P
83394 1PSY 110	NEURAL FOUNDATNS OF BEHAV CROSS-LISTED: 15807 1BCS 110 37388 1CVS 110	04.0	TR	0940	1055	HOLTZMAN D	

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COURSE REF. NO.	DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
83413	IPSY	151		PERCEPTION & ACTION CROSS-LISTED: 15821 IBCS 151 37397 ICVS 151	04.0	TR	1105 1220	WILLIAMS D		
83424	IPSY	152		LANGUAGE & PSYCHOLINGUISTICS CROSS-LISTED: 13573 IASL 260 15839 IBCS 152 57993 ILIN 217	04.0	MW	1400 1515	JAEGER F		
83431	IPSY	171		SOCIAL & EMOTIONAL DEV CROSS-LISTED: 35614 ICSP 171	04.0	TR	1105 1220			
83445	IPSY	171W		SOCIAL & EMOTIONAL DEV CROSS-LISTED: 35623 ICSP 171W	00.5	TBA				A
83459	IPSY	181		THY OF PERSONALITY&PSYCHOTHE CROSS-LISTED: 35637 ICSP 181	04.0	MW	1525 1640			
83462	IPSY	181W		THY OF PERSONALITY&PSYCHOTHE	00.5	TBA				A
83477	IPSY	183		ANIMAL MINDS CROSS-LISTED: 15842 IBCS 183	04.0	TR	1230 1345	FABER B		
83486	IPSY	183W		ANIMAL MINDS	00.5	TBA		FABER B		A
83490	IPSY	200		STATISTICAL ANALYSIS&EXP DSG CROSS-LISTED: 15850 IBCS 200	03.0	TR	1525 1640	KNILL D		
83509	IPSY	200L		STAT ANALYSIS&EXP DESIGN-LAB CROSS-LISTED: 15884 IBCS 200L	01.0	F	1525 1640	KNILL D		
83514	IPSY	200L		STAT ANALYSIS&EXP DESIGN-LAB CROSS-LISTED: 15868 IBCS 200L	01.0	W	1230 1345	KNILL D		
83523	IPSY	200L		STAT ANALYSIS&EXP DESIGN-LAB CROSS-LISTED: 15873 IBCS 200L	01.0	R	0940 1055	KNILL D		
83537	IPSY	205		LAB IN DEVELOPMENT&LEARNING CROSS-LISTED: 15896 IBCS 205	04.0	TR	1400 1515	ASLIN R		
83546	IPSY	211		INTRO STATISTCL MTHDS IN PSY CROSS-LISTED: 35658 ICSP 211	04.0	MW	1230 1345	HUTAV		
83558	IPSY	219W		RESEARCH METHODS OF PSYCLGY CROSS-LISTED: 35660 ICSP 219W	04.0	TR	0940 1055	ROGGE R		
91318	IPSY	246		BIOLOGY OF MENTAL DISORDERS CROSS-LISTED: 91285 IBCS 246 91292 IBCS 346 91305 INSC 246	04.0	MW	1230 1345	KELLOGG C COMO P		
83571	IPSY	263		RELATIONSHIPS PROCESS&EMOTN CROSS-LISTED: 35671 ICSP 263	04.0	MW	1400 1515			
83592	IPSY	264		INDUSTRIAL&ORGANIZATNAL PSYC CROSS-LISTED: 35692 ICSP 264	04.0	MW	1650 1805	COOK G		
83606	IPSY	264W		INDUSTRIAL&ORGANIZATNAL PSYC CROSS-LISTED: 35701 ICSP 264W	00.5	TBA		COOK G		A
83619	IPSY	267		PSYCHOLOGY OF GENDER CROSS-LISTED: 35716 ICSP 267	04.0	TR	1400 1515			
83622	IPSY	267W		PSYCHOLOGY OF GENDER CROSS-LISTED: 35727 ICSP 267W	00.5	TBA				A
93208	IPSY	276		PSYCHOLOGY OF PARENTING CROSS-LISTED: 93193 ICSP 276	04.0	TR	1105 1220	MCDOWELL D		
83635	IPSY	301W		TEACHING PSYCHOLOGY CROSS-LISTED: 35738 ICSP 301W	06.0	MWF	1200 1250	MCADAM D		A
83641	IPSY	310W		HONORS RESEARCH CROSS-LISTED: 35740 ICSP 310W	04.0	TBA		KLORMAN R		A
83653	IPSY	351		RESEARCH IN DEV NEUROPSYCHOL CROSS-LISTED: 35752 ICSP 351	04.0	TBA		BENNETTO L		A
93754	IPSY	353		RESRCH IN CHILDRN'S SOC DEV CROSS-LISTED: 93747 ICSP 353	04.0	TBA		MCDOWELL D		
83670	IPSY	368W		SEMINAR IN HUMANISTIC PSYCH CROSS-LISTED: 35774 ICSP 368W	04.0	T	1400 1640	DECI E		A
83688	IPSY	373		EXPLORING RES. IN SOC PSY I CROSS-LISTED: 35783 ICSP 373	04.0	TBA		ELLIOT A		A
83697	IPSY	373W		EXPLORING RES. IN SOC PSY I CROSS-LISTED: 35795 ICSP 373W	00.5	TBA		ELLIOT A		A
84263	IPSY	375		ADV TOP: RELATIONSHPS&EMOTNS CROSS-LISTED: 36175 ICSP 375	04.0	W	1525 1805	REIS H		A
83700	IPSY	377		EXPLORING RESRCH IN FAM PSY CROSS-LISTED: 35803 ICSP 377 36260 ICSP 477	04.0	TBA		DAVIES P		A
83711	IPSY	377W		ESPLORING RESRCH IN FAM PSY CROSS-LISTED: 35812 ICSP 377W 36260 ICSP 477	00.5	TBA		DAVIES P		A
83725	IPSY	383		MORAL DEVELOPMENT CROSS-LISTED: 35829 ICSP 383	04.0	T	1400 1640	SMETANA J		
83733	IPSY	383W		MORAL DEVELOPMENT	00.5	TBA		SMETANA J		A
83744	IPSY	384		PRAC IN DEVELOP DISABILITIES CROSS-LISTED: 35848 ICSP 384	04.0	TBA		BENNETTO L		A
83757	IPSY	390		SUPERVISED TEACHING OF PSYCH	00.0	TBA				GJ
83834	IPSY	390A		SUPERVISED TEACHING	00.0	TBA				GJ
83851	IPSY	391		INDEPENDENT STUDY	00.0	TBA				GJ
84083	IPSY	391W		INDEPENDENT STUDY	00.0	TBA				GJ
84111	IPSY	392		PRACTICUM	00.0	TBA				GJ
84144	IPSY	393		SENIOR PROJECT	00.0	TBA				GJ
84157	IPSY	394		INTERNSHIP	00.0	TBA				GJ
84236	IPSY	394W		INTERNSHIP	00.0	TBA				GJ
84254	IPSY	395		SPECIAL PROBLEMS IN PSYCH	00.0	TBA				GJ

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COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM	DEGREE TO	INSTRUCTOR	RES	AUDIT
<i>RELIGION AND CLASSICS</i>								
85319 IREL 101	INTRO TO OLD TESTAMENT CROSS-LISTED: 57509 1JST 106	04.0	MWF	1000	1050	MERIDETH A		
94045 IREL 103	HISTORY OF JUDAISM CROSS-LISTED: 94059 1JST 203	04.0	MW	1400	1515			
85335 IREL 105	ASIAN SEARCH FOR SELF	04.0	TR	0940	1055	BROOKS D		
91103 IREL 107	HISTORY OF ISLAM CROSS-LISTED: 91661 1HIS 117 94031 1AAS 107	04.0	TR	1105	1220	HOMERIN E		
85341 IREL 111	PHILOSOPHY OF RELIGION CROSS-LISTED: 73048 1PHL 111	04.0	MWF	1100	1150	WIERENGA E		
85353 IREL 142	THE IDEAS OF THE GREEKS CROSS-LISTED: 32023 1CLA 142	04.0	TR	1400	1515	GEIER A		
85364 IREL 149	CONTEMP FICT FROM ARAB WORLD CROSS-LISTED: 13352 1ARA 149	04.0	MW	1400	1515	BEAUMONT D		
85397 IREL 167K	SPEAKING STONES CROSS-LISTED: 52877 1HIS 167K	04.0	R	1400	1640	HOMERIN E		
93000 IREL 188	19TH C RELIGION IN WESTRN NY	04.0	TR	1525	1640	BUTLER A		
85401 IREL 197Q	DANTE'S DIVINE COMEDY I CROSS-LISTED: 32141 1CLT 116Q 32226 1CLT 253C 46527 1ENG 206 56226 1IT 195Q 56251 1IT 220 85469 IREL 285	04.0	MW	1525	1640	STOCCHI-PERUC		
91112 IREL 208	MEDICINE, MAGIC & MIRACLE CROSS-LISTED: 94704 1CLA 208	04.0	MW	1230	1345	MERIDETH A		
94541 IREL 214	IMAGINING THE JEW CROSS-LISTED: 94695 1JST 214	04.0	T	1400	1640			
85438 IREL 226	MARTIN & MALCOLM IN AMERICA CROSS-LISTED: 10051 1AAS 228	04.0	TR	1230	1345	BUTLER A		
91129 IREL 230	AUGUSTINE ANSELM & AQUINAS CROSS-LISTED: 91130 1PHL 268 91148 1PHL 468 91260 1PHL 268W	04.0	MW	1400	1515	WIERENGA E		
91156 IREL 231	CHRISTIAN HISTORY I	04.0	TR	1105	1220	CADORETTE C		
91167 IREL 236	CATHOLICISM IN AMERICAN LIFE	04.0	TR	1400	1515	CADORETTE C		
91175 IREL 250	SHIVA & SHAKTI	04.0	MW	1230	1345	MULLER-ORTEGA		
93011 IREL 260	HINDU ACSETICS,MYSTICS&DR'S	04.0	TR	1105	1220	BROOKS D		
85469 IREL 285	DANTE'S DIVINE COMEDY I CROSS-LISTED: 32141 1CLT 116Q 32226 1CLT 253C 46527 1ENG 206 56226 1IT 195Q 56251 1IT 220 85401 IREL 197Q	04.0	MW	1525	1640	STOCCHI-PERUC		
85474 IREL 293W	THEORIES OF RELIGION	06.0	W	1525	1805	MULLER-ORTEGA		
85517 IREL 390	SUPERVISED TEACHING	00.0	TBA					GJ
85580 IREL 391	INDEPENDENT STUDY	00.0	TBA					GJ
85694 IREL 392	HONORS RESEARCH	00.0	TBA					GJ
85763 IREL 393	SENIOR PROJECT	00.0	TBA					GJ
85858 IREL 394	INTERNSHIP	00.0	TBA					GJ
85915 IREL 491	READINGS	00.0	TBA					GJ
85939 IREL 591	PHD READINGS IN RELIGION	00.0	TBA					GJ
<i>RELIGION & CLASSICS - ARABIC</i>								
13327 LARA 101	ELEMENTARY ARABIC I	04.0	MWF	0900	0950	BEAUMONT C		
13338 LARA 101	ELEMENTARY ARABIC I - REC	REC	TBA					
13340 LARA 103	INTERMEDIATE ARABIC	04.0	MWF	1000	1050	BEAUMONT C		
13352 LARA 149	CONTEMP FICT FROM ARAB WORLD CROSS-LISTED: 85364 IREL 149	04.0	MW	1400	1515	BEAUMONT D		
13369 LARA 201	ARABIC PROSE SEMINAR I	04.0	MWF	1000	1050	BEAUMONT D		
13374 LARA 390	SUPERVISED TEACHING	00.0	TBA					GJ
13395 LARA 391	INDEPENDENT STUDY	00.0	TBA					GJ
<i>RELIGION & CLASSICS-CLASSICAL GREEK</i>								
27368 ICGR 101	NEW TESTMNT&CLASSICAL GREEK	05.0	MW	1400	1515	ARGETSINGER K		
27373 ICGR 101	NEW TESTMNT&CLASSICL GRK-REC	REC	F	1400	1515			
27384 ICGR 103	INTERMEDIATE GREEK	04.0	TR	0940	1055	FLORENCE M		
94062 ICGR 209	PLATO'S MENO	04.0	TBA			GEIER A		
27402 ICGR 391	INDEPENDENT STUDY	00.0	TBA					GJ
27417 ICGR 393	SENIOR PROJECT	00.0	TBA					GJ

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DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
RELIGION & CLASSICS-CLASSICAL STUDIES									
		32023 ICLA 142	THE IDEAS OF THE GREEKS CROSS-LISTED: 85353 1REL 142	04.0	TR	1400 1515	GEIER A		
		94704 ICLA 208	MEDICINE, MAGIC & MIRACLE CROSS-LISTED: 91112 1REL 208	04.0	MW	1230 1345	MERIDETH A		
		91194 ICLA 210	ROMAN WORLD	04.0	TR	1525 1640	FLORENCE M		
		32046 ICLA 213	ROMAN STRCT:ENG IN CLA WRLD CROSS-LISTED: 56217 1IT 159 60615 4ME 105 60621 4ME 105A 10500 1AH 189	04.0	TBA		PERUCCHIO R	A	
		32058 ICLA 390	SUPERVISED TEACHING	00.0	TBA				GJ
		32085 ICLA 391	INDEPENDENT STUDY	00.0	TBA				GJ
		32119 ICLA 393	SENIOR PROJECT	00.0	TBA				GJ
		32122 ICLA 394	INTERNSHIP	00.0	TBA				GJ
RELIGION & CLASSICS - HEBREW									
		52610 IHEB 101	ELEMENTARY HEBREW I CROSS-LISTED: 57486 1JST 101	04.0	MWF	1100 1150	FLXT		
		52628 IHEB 103	INTERMEDIATE HEBREW CROSS-LISTED: 57490 1JST 103	04.0	MW	1230 1345	FLXT		
		52632 IHEB 390	SUPERVISED TEACHING	04.0	TBA				GJ
		52676 IHEB 391	INDEPENDENT STUDY	00.0	TBA				GJ
		52693 IHEB 393	SENIOR PROJECT	00.0	TBA				GJ
RELIGION & CLASSICS - LATIN									
		57711 1LAT 101	ELEMENTARY LATIN I	04.0	MWF	1000 1050	ARGETSINGER K		
		57700 1LAT 101	ELEMENTARY LATIN I - REC	REC	TBA				
		57725 1LAT 103	INTERMEDIATE LATIN	04.0	MWF	1200 1250	FLORENCE M		
		93025 1LAT 206	VIRGIL'S AENEID	04.0	TR	1230 1345	GEIER A		
		91209 1LAT 250	LATIN SKILLS CROSS-LISTED: 91214 1LAT 450	04.0	R	1650 1930	ARGETSINGER K		
		91223 1LAT 251	LATIN PROSE COMPOSITION	02.0	R	1650 1930	ARGETSINGER K		
		57744 1LAT 390	SUPERVISED TEACHING	04.0	TBA				GJ
		57779 1LAT 391	INDEPENDENT STUDY	00.0	TBA				GJ
		57817 1LAT 393	SENIOR TUTORIAL	00.0	TBA				GJ
		91214 1LAT 450	LATIN SKILLS CROSS-LISTED: 91209 1LAT 250	03.0	R	1650 1930	ARGETSINGER K		
		57826 1LAT 591	PHD READINGS	00.0	TBA				GJ
RELIGION & CLASSICS-SANSKRIT									
		87206 ISKT 101	SANSKRIT I	04.0	TR	1230 1345	BROOKS D		
RUSSIAN-PLEASE SEE MODERN LANGUAGES AND CULTURES									
RUSSIAN STUDIES-PLEASE SEE MODERN LANGUAGES AND CULTURES									
SOCIOLOGY									
		87222 ISOC 101	INTRO TO SOCIOLOGY	04.0	MW	1525 1640	HARPER D		
		87235 ISOC 205	MICROSOCIOLOGY	04.0	M	1650 1930	SMITH T		
		87241 ISOC 206	ADVANCED MICROSOCIOLOGY	04.0	M	1650 1930	SMITH T		
		87253 ISOC 221	LOVE, FRIENDSHIP & COMMUNITY CROSS-LISTED: 12575 1ANT 214	04.0	T	1650 1930	SMITH T		
		87264 ISOC 391	INDEPENDENT STUDY	00.0	TBA				GJ
		87308 ISOC 391W	INDEPENDENT STUDY	00.0	TBA				GJ
		87331 ISOC 392	DIRECTED RESEARCH	00.0	TBA				GJ
		87362 ISOC 393	SENIOR PROJECT	00.0	TBA				GJ
		87405 ISOC 394	INTERNSHIP	00.0	TBA				GJ
SPANISH-PLEASE SEE MODERN LANGUAGES AND CULTURES									

THE COLLEGE: ARTS AND SCIENCES Continued

COURSE REF. NO.

DEPT. CREDIT

COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
STATISTICS							
88065 1STT 201	INTRO TO PROBABILITY CROSS-LISTED: 64471 1MTH 201	04.0	MWF	1200 1250	STARR S		
88078 1STT 201	INTRO TO PROBABILITY CROSS-LISTED: 64485 1MTH 201	04.0	MW	1525 1640			
88099 1STT 211	APPLIED STT FOR SOCIAL SCI I	04.0	MWF	1300 1350			
88156 1STT 212	APPLIED STT-BIO PHY SCI I	04.0	TR	0940 1055			
88175 1STT 213	ELEMENTS PROB & MATH STAT	04.0	TR	0940 1055			
88223 1STT 221W	SAMPLING TECHNIQUES CROSS-LISTED: 21939 7BST 421	04.0	TR	1230 1345			
88237 1STT 226W	INTRO TO LINER MODELS	04.0	MWF	1000 1050	MCDERMOTT M		
88246 1STT 277	INTRO STATISTICAL SOFTWARE I	02.0	TR	0940 1055			
88258 1STT 278	INTRO STATISTICAL SOFTWARE II	02.0	TR	0940 1055			
88260 1STT 390	SUPERVISED TEACHING	00.0	TBA				GJ
88285 1STT 391	INDEPENDENT STUDY	00.0	TBA				GJ
88318 1STT 392	PRACTICUM	00.0	TBA				GJ
88320 1STT 394	INTERNSHIP IN STT	04.0	TBA				GJ
88347 1STT 470	INTERNSHIP/APPLIED PROJECT	02.0	TBA				
88354 1STT 478	INTRO STATISTICAL SOFTWARE II	02.0	TR	0940 1055			
88363 1STT 591	PHD READINGS IN STAT	00.0	TBA				GJ
88389 1STT 595	PHD RESEARCH	00.0	TBA				GJ
88407 1STT 595A	PHD RESEARCH IN ABSENTIA	00.0	TBA				GJ
88415 1STT 899	MASTER'S DISSERTATION	00.0	TBA				GJ
88421 1STT 999	DOCTORAL DISSERTATION	00.0	TBA				GJ
88442 1STT 999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ

STUDIO ARTS-PLEASE SEE ART AND ART HISTORY

THEATRE-PLEASE SEE ENGLISH

WALLEN WALLIS INSTITUTE OF POLITICAL ECONOMY

92967 IPEC 575	POLITICAL ECONOMY I CROSS-LISTED: 92975 IECO 575 92981 IPSC 575	04.0	T	1230 1515	FEYM		
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WOMEN'S STUDIES

90679 1WST 100	FIGHTING FEMMES:ACTN HEROINES	02.0	R	1525 1640	DOVE-VIEBAHN		
92586 1WST 103	LANGUAGE & SEXUALITY CROSS-LISTED: 91655 1LIN 103	04.0	TR	1525 1640	RUNNER J		
90682 1WST 115	INTRO TO MED ANTHROPOLOGY CROSS-LISTED: 12530 1ANT 102	04.0	MW	1815 1930	METCALF L		A
92577 1WST 129	WOMEN AND MUSIC CROSS-LISTED: 92562 1MUR 128	04.0	TR	1400 1515	MECONI H		
92825 1WST 203F	WOMEN IN POLITICS CROSS-LISTED: 92811 1PSC 246	04.0	MW	1230 1345	BREDES N		
90698 1WST 208	URBAN SCHOOLS: RACE&GENDER CROSS-LISTED: 10112 1AAS 279 12631 1ANT 270 12999 1ANT 470	04.0	MW	1650 1805	FORDHAM S		E
93543 1WST 214	WOMAN AS IMAGE & TEXT CROSS-LISTED: 93526 1AH 210 93534 1AH 410	04.0	TR	1400 1515	SEIBERLING G		
90709 1WST 215	COMMUNITY, EARTH & BODY CROSS-LISTED: 37681 1DAN 214	04.0	TR	1230 1345	HOOK J		
90714 1WST 217	BIRTH&DEATH I:VIT EV PERLIV CROSS-LISTED: 12581 1ANT 218 10043 1AAS 221 79223 7PM 407	04.0	TR	0940 1055	CARTER A		C
93675 1WST 218	MARRIAGE,FAM&COMM GLOB PERSP CROSS-LISTED: 93667 1ANT 244 93681 1AAS 248	04.0	TR	1400 1515	EMMETT A		
90746 1WST 267	CHANGING GENRES OF EROTICA CROSS-LISTED: 46714 1ENG 267 47503 1ENG 467	04.0	TR	0940 1055	BLEICH D		
90818 1WST 391	INDEPENDENT STUDY	00.0	TBA				GJ
90872 1WST 392	PRACTICUM IN WOMEN'S STUDIES	00.0	TBA				GJ
90891 1WST 393	SENIOR PROJECT	00.0	TBA				GJ
90941 1WST 394	INTERNSHIP	00.0	TBA				GJ
90988 1WST 395	INDEPENDENT RESEARCH	00.0	TBA				GJ
91002 1WST 396	SEMINAR IN WOMEN'S STUDIES	04.0	TBA				
91017 1WST 397	INDEPENDENT HONORS THESIS	04.0	TBA				GJ

YIDDISH-PLEASE SEE RELIGION AND CLASSICS

The College: Arts & Sciences

Department: The College: Arts & Sciences
Course: CAS 105
Title: Reasoning and Writing in the College **Class Size:** 15
Description: CAS 105 introduces students to disciplinary writing at the college level by offering instruction in small sections that focus on the act of writing. It provides instruction and practice in clear and effective writing and in constructing cogent and compelling arguments, as students draft and revise numerous papers of different forms and lengths. These papers will introduce some of the forms of writing students will be expected to produce later in their college careers as well as in their public and professional lives after graduation. The subject of the course is writing, but since writing is about something, each section of 105 will present various texts, mostly written, for analysis and discussion in preparation for constructing extended argumentative essays and a final research paper. Students will consider the roles of audience and purpose in shaping the organization, style and argumentative strategies of their own papers, and they will learn to become critical readers of their writing through peer critiques and revision and editing workshops. Each section has unique content. Please refer to <http://writing.rochester.edu> for a full list of course descriptions. For the summer session, the course description will be online in mid March.

Department: The College: Arts & Sciences
Course: CAS 105E
Title: Reasoning and Writing in the College **Class Size:** 10
Restrictions: Permission of Department required
Description: This course is an extended version of Reasoning and Writing in the College, CAS 105, and as such introduces students to disciplinary writing at the college level. It provides instruction and practice in clear and effective writing and in constructing cogent and compelling arguments, as students draft and revise numerous papers of different forms and lengths. These papers will introduce some of the forms of writing students will be expected to produce later in their college careers as well as in their public and professional lives after graduation. The subject of the course is writing, but since writing is about something, each section of 105E will present various texts, mostly written, for analysis and discussion in preparation for constructing extended argumentative essays and a final research paper. Students will consider the roles of audience and purpose in shaping the organization, style and argumentative strategies of their own papers, and they will learn to become critical readers of their writing through peer critiques and revision and editing workshops. All extended versions of Reasoning and Writing in the College will include an additional class session each week and will be taught in computer labs and limited to 10 students. Places in these sections will be reserved for students whose writing placement results suggest that they need a more intensive writing experience to meet the demands of college and professional writing. Each section has unique content. Please refer to <http://writing.rochester.edu> for a full list of course descriptions.

African & African-American Studies

Department: African & African-American Studies
Course: AAS 106
Title: Colonial and Contemporary Africa
Cross-listed: HIS 106; ANT 248
Instructor: Mandala, E.
Exams: Midterm and final
Coursework: One 10-15 page paper
Description: Please see HIS 106 for the course description.

Department: African & African-American Studies
Course: AAS 107
Title: History of Islam
Cross-listed: REL 107
Instructor: Homerin, E. **Class Size:** 10
Description: Please see REL 107 for the course description

Department: African & African-American Studies
Course: AAS 122
Title: History of Jazz
Cross-listed: MUR 122
Instructor: Burgett, P. **Class Size:** 80
Description: Please see MUR 122 for the course description

Department: African & African-American Studies
Course: AAS 141
Title: African-American History I
Cross-listed: HIS 165
Instructor: Hudson, L. **Class Size:** 25
Description: Please see HIS 165 for the course description

Department: African & African-American Studies
Course: AAS 221
Title: Birth and Death I: Vital Events in Our Personal Lives
Cross-listed: ANT 218/WST 217/PM 407/WST 217
Instructor: Carter, A. **Class Size:** 40
Description: Please see ANT 218 for the course description

Department: African and African American Studies
Course: AAS 228
Title: Martin & Malcolm in America: Religion in the Civil Rights Movement
Cross-listed: REL 226
Instructor: Butler, A.
Description: Please see REL 226 for the course description

Department: African and African American Studies
Course: AAS 229
Title: African American Drama
Cross-listed: ENG 428; ENG 228
Instructor: Tucker, J.
Description: Please see ENG 228 for the course description.

Description: African and African American Studies
Course: AAS 248
Title: Marriage, Families and Communities in a Global Perspective
Cross-listed: ANT 244/ANT 444
Instructor: Emmett, A. **Class Size:** 25
Description: Please see ANT 244 for the course description

Department: African & African-American Studies
Course: AAS 252
Title: Economies & Society of Latin America & the Caribbean Since 1492
Cross-listed: HIS 203/ECO 252
Instructor: Inikori, J. **Class Size:** 30
Description: Please see HIS 203 for the course description

Department: African & African-American Studies
Course: AAS 253
Title: Economic and Social Conditions of African-Americans in the 20th Century
Cross-listed: ECO 253/ECO 253W/HIS 255
Instructor: Engerman, S., Wolkoff, M.
Description: Please see ECO 253 for the course description

Department: African & African-American Studies
Course: AAS 273
Title: The Making of the Modern Middle East
Cross-listed: HIS 273; HIS 273W
Instructor: Mandala, E.
Description: Please see HIS 273W for the course description.

Department: African & African-American Studies
Course: AAS 279
Title: Urban Schools: Race and Gender
Cross-listed: ANT 270/WST 220
Instructor: Fordham, S. **Class Size:** 30
Description: Please see ANT 270 for the course description

Department: African & African-American Studies
Course: AAS 297
Title: Contemporary Issues in African-American Life and Cultures
Instructor: Kemedjio, C., Harris, P.
Description: This course identifies and discusses a selection of texts considered crucial for the understanding of the black Experience from 1610 to the present.

Department: African & African-American Studies
Course: AAS 343
Title: Race and the American City
Cross-listed: HIS 343W, HIS 43
Instructor: Wolcott, V. **Class Size:** 15
Restrictions: Permission of instructor required
Description: Please see HIS 343W for the course description

Department: African & African-American Studies
Course: AAS 375
Title: The Atlantic Slave Trade and Africa, 1650-1850
Cross-listed: HIS 356W/HIS 456/ECO 385
Instructor: Inikori, J. **Class Size:** 15
Description: Please see HIS 356W for the course description

Department: African & African-American Studies
Course: AAS 380
Title: Senior Seminar
Restrictions: Permission of instructor required
Instructor: Kemedjio, C.
Description: Students will draw upon their exposure to the theory methods of AAS to produce an interdisciplinary research paper on a topic of their own choosing. Open only to senior majors.

Department: African & African-American Studies
Course: AAS 391
Title: Independent Studies
Description: Designed for Junior and Senior students who wish to pursue an independent reading program with a professor; it may also be used for readings in an advanced research seminar in which the student does not write the required essay and as such does not meet the 300-level seminar requirement, but it may be used as a distribution requirement within its area.

Department: African & African-American Studies
Course: AAS 394
Title: Internship in African and African-American Studies
Description: Experience in an applied setting supervised on site. Approved and overseen by a University Instructor.

American Sign Language

Department: American Sign Language
Course: ASL 101
Title: Beginning American Sign Language I **Class Size:** 18
Exams: frequent quizzes; final
Description: An introductory course in American Sign Language as developed and used by the Deaf community in most areas of North America. It consists of a preparatory phase to attune students to communication in the manual-visual mode, followed by instruction and practice in vocabulary, sentence structure, elementary conversation, and literature. In addition, the course provides a survey of various issues raised by examining ASL and the Deaf community.

Department: American Sign Language
Course: ASL 102
Title: Beginning American Sign Language II **Class Size:** 18
Prerequisites: ASL 101 or ASL Skill Evaluation by designated ASL Program faculty
Exams: frequent quizzes, final
Description: Continuation of basic study of the language and culture; an opportunity to build receptive and expressive sign vocabulary; use of signing space; further nonmanual components of ASL grammar including facial expression and body postures, and introduction of conversational regulators. Discussion of regional and ethnic sign variations, and social, political and educational institutions of the Deaf community. Interaction with members of the Deaf community in both directed and non-directed activities.

Department: American Sign Language
Course: ASL 105
Title: Intermediate American Sign Language I **Class Size:** 18
Prerequisites: ASL 102 or ASL Skill Evaluation
Exams: quizzes and final
Description: This course emphasizes further development of receptive and expressive skills. Introduction to language forms used in ASL poetry and features of culture as displayed in art and theater.

Department: American Sign Language
Course: ASL 106
Title: Intermediate American Sign Language II **Class Size:** 7
Prerequisites: ASL 105 or ASL Skill Evaluation
Exams: quizzes and videotaped final
Description: This course consists of intensive use of expressive and receptive skills in complex grammatical structures, dialogues, and storytelling.

Department: American Sign Language
Course: ASL 201
Title: Literature in American Sign Language
Instructor: Schlehofer, D. **Class Size:** 10
Prerequisites: ASL 106
Description: Study of selected videotapes and films ranging from the early 1900's to the present. Emphasis will be placed on historical background and meaning of the story content, with discussion of grammatical features and styles revealed in these contexts. This course satisfies the upper level writing requirement.

Department: American Sign Language
Course: ASL 202
Title: History and Culture of the American Deaf Community
Instructor: Schlehofer, D. **Class Size:** 15
Prerequisites: ASL 105
Description: Discussion of various aspects of American Deaf Culture, including descriptions of deafness, and the Deaf community.

Department: American Sign Language
Course: ASL 203
Title: Advanced ASL
Instructor: Johnston, L. **Class Size:** 18
Prerequisites: ASL 106 or permission of the instructor
Description: This advanced language course allows students to extend their ASL competence and to use ASL in a variety of discourse and narrative settings. Skills to be developed are: semantic awareness analysis, in-depth exploration of ASL grammar and complex uses of space, ways of making transitions between ideas, use of classifiers, and determining appropriate perspective in specific texts.

Department: American Sign Language
Course: ASL 260
Title: Language and Psycholinguistics
Cross-listed: BCS 152
Description: Please see BCS 152 for the course description.

Department: American Sign Language
Course: ASL 280
Title: Current Trends in Deaf-related Careers
Instructor: Johnston, L. **Class Size:** 18
Prerequisites: ASL 106 with a grade of B or better
Description: Bringing together historical information and career preparation strategies for teaching, service provision and other related fields, this course is designed to provide an understanding of signed language as used in various settings and to explore professional service approaches to the Deaf community. The course also provides an overview of topics ranging from child language development to brain-cognition relationships, from educational interventions to technological advances, and social, psychological and linguistic characteristics of Deaf communities and sign languages.

Anthropology

Department: Anthropology
Course: ANT 101
Title: Cultural Anthropology **Class Size:** 40
Coursework: Class meetings combine lectures, films and small group discussion. Evaluation based on in-class and take-home exams; occasional hands-on exercises; and active participation in discussions.

Description: This course introduces students to the various ways in which cultural anthropologists do research and fieldwork. Cultural anthropologists study the human situation in all its manifestations; their work enables us to expose the limitations of self-evident truths and to reveal the possibilities of alternative views. Students will be asked to think both critically and comparatively about institutions such as kinship, politics and religion. The course also addresses questions of cultural diversity and social inequality, including questions of race, class and gender in contemporary America. It will challenge students to consider the fate and value of cultural differences in a world increasingly connected and shaped by a single capitalist market.

Department: Anthropology
Course: ANT 102
Title: Introduction to Medical Anthropology
Cross-listed: WST 115
Instructor: Metcalf, L. **Class Size:** 40
Coursework: Lectures, discussions, readings, films
Description: This course will examine a broad range of topics in the study of medical and health care systems from an anthropological and cross cultural perspective. The body of the course will consider several major areas of anthropological work on: ethnomedicine, or "folk medicine" and its interaction with Western medicine, the role of government policies in promoting, or retarding, the health of minority populations, the relationship between patients and healers; transcultural psychiatry; and relations between gender and illness. The course will use studies from a wide range of traditional cultures throughout the world, with frequent reference to the application of this research to modern "Western" medicine.

Department: Anthropology
Course: ANT 110
Title: Introduction to Linguistic Analysis
Cross-listed: LIN 110
Instructor: Gunlogson, C. **Class Size:** 30
Description: Please see LIN 110 for the course description

Department: Anthropology
Course: ANT 202
Title: Modern Social Theory: Key Texts and Issues
Instructor: Foster, R. **Class Size:** 25
Restrictions: Permission of instructor required for freshmen
Coursework: Four 5 to 7 page papers, participation in class discussions
Description: This course involves close reading of selected texts by several authors who established the framework of modern social theory: Adam Smith, Karl Marx, Emile Durkheim, and Max Weber. Readings will focus on each author's attempt to comprehend the possibilities and pathologies of capitalism. The course addresses both the future of the U.S. in a global capitalist economy and the search for community in contemporary American society. In addition to classic works, readings will include contemporary books such as "The Work of Nations" by Robert Reich and "Bowling Alone" by Robert Putnam.

Department: Anthropology
Course: ANT 203
Title: Ritual, Myth and Scripture
Instructor: Gibson, T. **Class Size:** 25
Prerequisites: Primarily for Anthropology Majors and Majors in the Social Sciences
Restrictions: Permission of instructor required for freshmen
Description: A survey of the major anthropological approaches to the study of the symbolic knowledge embedded in life-cycle rituals, origin myths and religious scriptures, including approaches inspired by the structuralism of Durkheim and Levi-Strauss; the structural functionalism of Turner and Douglas; the relativism of Evans-Pritchard and Winch; the interpretation of Weber and Geertz; and the genealogical method of Nietzsche and Foucault.

Department: Anthropology
Course: ANT 210
Title: Schooling, Race and Academic Performance
Instructor: Fordham, S. **Class Size:** 30
Restrictions: Permission of instructor required for freshmen
Description: Is academic achievement determined by socially constructed race? In order to be viewed as academically successful, are black and brown children compelled to "act white"? What does it mean to "act white"? What happens to children (e.g. Asian Americans) who regularly engage in what might be called an ongoing academic "whiteout"? Does popular culture differentially shape minority students' academic achievement? Is schooling transformative or the critical institution in the reproduction of existing inequities? What is the role of race, class, gender and ethnicity in the kind of education considered appropriate for America's children?

Department: Anthropology
Course: ANT 214
Title: Love, Friendship and Community
Cross-listed: SOC 221
Instructor: Smith, T. **Class Size:** 20
Description: Please see SOC 221 for the course description.

Department: Anthropology
Course: ANT 218
Title: Birth and Death I: Vital Events in Our Personal Lives
Cross-listed: AAS 221/WST 217/PM 407
Instructor: Carter, A. **Class Size:** 40
Description: How do human beings experience, make sense of, cope with and shape birth and death in their own lives and in the lives of those who are close to them? Historical and contemporary examples from North America, Latin America, Europe, the Middle East, Africa, and Asia.

Department: Anthropology
Course: ANT 227
Title: Local and Global Market Research
Instructor: McCabe, M. **Class Size:** 20
Restrictions: Not open to freshmen
Description: This course focuses on the use of cultural anthropology in marketing and market research. Why has an anthropological approach to understanding consumer behavior become important in the business world? How do marketers and advertisers develop brand images? We will look at the process of constructing brands in terms of cultural symbols and values. Students will learn how to apply anthropological concepts and methods to U.S. and international market research. What is the social impact of global brands in terms of the political economy of globalization? As part of the course, students will conduct ethnographic research on sustainable agriculture. We will partner with Rochester Roots, a local not-for-profit organization that develops community gardens and plans to launch a farmer's market in one of the city's urban neighborhoods. Students will present their research findings to Rochester Roots and the community.

Department: Anthropology
Course: ANT 241
Title: Women and Religion
Cross-listed: ANR 240; WST 240
Instructor: McHugh, E. **Class Size:** 20
Restrictions: Not open to freshmen
Description: A study of conceptions of women embodied in the imagery of various religious traditions, the role of women in worship, and the impact of religious traditions on feminine experience and social definitions of gender roles. For each region, we consider both religious doctrine and the lives of women in the context of societies holding to these religious beliefs. This is a three credit course taught at the Eastman School of Music.

Department: Anthropology
Course: ANT 244
Title: Marriage, Families and Communities in a Global Perspective
Cross-listed: AAS 248/WST 218
Instructor: Emmett, A. **Class Size:** 25
Description: In the 21st century and a new global economy what is the role of families and local communities in the United States and in other countries? Are families still seen as enduring/reassuring 'building blocks' of their respective societies? How does global labor migration of women and men affect families they leave behind and does it change local understandings of gender roles, families and communities? In this new global context how do people view attachment to 'place'? Are there differences between the so-called "first" and "third world" and between rural and urban settings? Are there new forms of transnational marriage, love, families and communities?

Department: Anthropology
Course: ANT 266
Title: Global Culture
Cross-listed: ANT 466
Instructor: Foster, R. **Class Size:** 20
Prerequisites: None; previous anthropology helpful. Permission of Instructor necessary for Graduate Students
Restrictions: Not open to freshmen
Exams: 2 exams; 1 research paper
Coursework: Class presentation
Description: This course introduces students to recent discussions of globalization within cultural anthropology and related disciplines. It looks at how, why, and with what consequences people and money, ideas and technologies variously move across the planet. It considers the implications of this movement for cultural differences, social inequalities and local identities. Specific topics include: commodity chains, mass media, electronic communication, tourism, migration, environmental movements, and transnational politics.

Department: Anthropology
Course: ANT 270
Title: Urban Schools: Race and Gender
Cross-listed: AAS 279/WST 208F/ANT 470
Instructor: Fordhan, S. **Class Size:** 20
Restrictions: Not open to freshmen
Description: America's public schooling is assumed to be a critical frontier in the eradication of social inequality. The one remaining obligatory institution in our nation, schools are socially approved sites specifically designed to produce a level playing field for all American citizens, by eliminating privileges and stigmata affiliated with race, class, gender and other socially and culturally constructed inequities. Using both ethnographic texts and the idea of "outing" anthropology by bringing VIP informants to class, this course explores the dynamic relationship between schools and socially constructed notions of race, class and gender in postmodern America.

Department: Anthropology
Course: ANT 274
Title: Creative Ethnography
Cross-listed: CLT208G/ENG130
Instructor: Emmett, A. **Class Size:** 20
Restrictions: Not open to freshmen
Description: This course allows students to experiment in different styles of writing cultural stories in one of following ways: fiction, poetry, autobiography, creative nonfiction, photography, play, or the more traditional ethnographic writing. Bringing together creativity, innovation and anthropology, students in this course will choose a cultural experience, event, or issue and seek a way that they believe will best communicate their findings to a larger audience.

Department: Anthropology
Course: ANT 291
Title: Research Methods: Doing Anthropology **Class Size:** 30
Restrictions: Not open to freshmen
Description: This course provides a critical introduction to the methods, ethics and craft of social and cultural anthropology. We will consider the politics of knowledge production through field based research and ethnographic writing, the techniques used and debated among anthropologists, and the ethics of fieldwork. By looking at the past and present of anthropological research students will attain the methods to conduct future research. Students will participate in a series of exercises in ethnographic practice, write critical essays and for those interested in pursuing honors in anthropology, formulate research topics and plans.

Art & Art History

Department: Art & Art History
Course: AH 101
Title: Introduction to Art History
Instructor: Seiberling, G.
Description: Fall 2007. This course will address visual culture from the Renaissance to the present. However, unlike a more traditional survey course that tells the story of art in terms of styles and movements, this course will seek out connections and themes within the whole period under consideration. For example, we will consider the role of perspective in the development of Renaissance painting, representations of the body in art and science, the impact of photography on modern art, the question of influence, etc., etc.

Department: Art & Art History
Course: AH 114
Title: Creating Architecture
Cross-listed: CAS 114
Instructor: Tinkel, P. **Class Size:** 12
Coursework: Students will be evaluated on two papers and a final project. Open to all majors and prior architecture study is not required.
Description: Fall 2007. This course will explore the fundamental design principles that are the tools used to create architecture. Through a series of talks, images, field trips and workshops, the students will gain a new awareness of a building, an outdoor space or an entire city. The students will become more sensitive to both the natural and built environment through this increased understanding of architecture.

Department: Art & Art History
Course: AH 128
Title: Modern Art
Instructor: Haidu, R.
Exams: Midterm and final
Coursework: Two short papers
Description: Fall 2007. This course introduces students to art made from the late 19th century to the present day. Broad coverage of a long time span will be supplemented with a consideration of selected key works to familiarize students with points of reference and to introduce concepts. Readings will introduce ideas from contemporary theory. Issues of gender, the effects on art of technology, and the way in which institutions have influenced the production and reception of modern art will be considered. The course will be taught by a combination of lecture and discussion.

Department: Art & Art History
Course: AH 136
Title: Introduction to the Art of Film
Cross-listed: ENG 117/FMS 132
Instructor: Middleton, J.
Description: Fall 2007. Please see ENG 117 for the course description.

Department: Art & Art History
Course: AH 189
Title: Roman Structures-Engineering in the Classical World
Cross-listed: 4ME 105, 4ME 105A, CLA 213, 1IT 159
Instructor: Perucchio, R.
Description: Please see ME 105 for the course description

Department: Art & Art History
Course: AH 209
Title: Writing on Art
Cross-listed: SA 209
Instructor: Berlo, J.
Description: Fall 2007. Please see SA 209 for the course description.

Department: Art & Art History
Course: AH 210
Title: Woman as Image and Text
Cross-listed: AH 410, WST 214
Instructor: Seiberling, G.
Coursework: Classes will center around discussion of readings and images. There will be a take-home mid-term and final exam. Students will keep a journal and write a term paper with a draft.
Description: Fall 2007. Feminist art historians have changed the way we think about images of women, works by women artists, and the very notion of artistic genius. This course will investigate the ways in which visual images of women participate with other cultural and social factors in the construction of the idea of woman. It will look at types and conventions in works by male and female artists, as well as in anonymous images and advertising from different periods, with concentration on the 19th and 20th centuries.

Department: Art & Art History
Course: AH 217
Title: The Science of Art
Instructor: Duro, P.
Description: Fall 2007. Throughout the history of western art developments in the sciences have influenced progress in the visual arts. But what is the nature of the relationship between science and art? How have scientific theories influenced artistic practice? What can artistic representation tell us about the world we live in? This course will examine these questions in considering the impact of the sciences across a broad range of topics, including the development of picture space, color theory, astronomy, zoology, technologies of the body, medicine, anatomy, science and industry, voyages of exploration, optics and natural history. We will draw our examples from a broad range of periods and artistic movements, including the Renaissance, seventeenth-century Dutch art, eighteenth-century scientific illustration, Realism, Impressionism and Neo-Impressionism, photography, and twentieth-century abstraction.

Department: Art & Art History
Course: AH 224
Title: Russian Art
Cross-listed: RST 224, RUS 224
Instructor: Maslennikova, A.
Description: Fall 2007. Please see RUS 224 for the description.

Department: Art & Art History
Course: AH 229
Title: Art in Europe 1750-1830
Instructor: Duro, P.
Description: Fall 2007. The principal objective of the course is to undertake a reevaluation of the received ideas associated with the styles known as Neo-Classicism and Romanticism. Neither term adequately describes the art and artists working within either paradigm, and neither satisfactorily identifies the complexities of the cultural milieu that supported this visual production. In place of these outmoded terms, we will consider themes such as the pictorial sublime in eighteenth-century and early nineteenth-century thought, the Picturesque; the genres of painting such as landscape and history; the role of science in art; art and industry; urbanization; travel and exploration; political revolution; the taste for the antique and the influence of the intellectual movement known as the Enlightenment. With artists as varied as Jacques-Louis David, Joseph Wright of Derby, William Hogarth, Sir Joshua Reynolds, Thomas Gainsborough, Francisco Goya, William Blake, J. M. W. Turner, Theodore Gericault and Eugne Delacroix to consider, we will not lack for fascinating and important practitioners around which to base our studies.

Department: Art & Art History
Course: AH 244
Title: Tuscan Painting & Soc Change
Cross-listed: IT 244
Description: Fall 2007. Please see IT 244 for the course description.

Department: Art & Art History
Course: AH 252
Title: Intro Film Hist: Silent Cinema
Cross-listed: ENG 255/455/FMS 233/233w
Instructor: Loughney, P.
Description: Fall 2007. Please see ENG 255 for the course description.

Department: Art & Art History
Course: AH 325
Title: Fictions, Lies & Postwar Art
Cross-listed: AH 525
Instructor: Haidu, R.
Description: Fall 2007. Artists have been using fictions or the concept of fiction at the basis of their work with increasing frequency and intensity since the '60s. This, despite the elaboration of models of language, communication, and reception within the art world that are diametrically opposed to the "bourgeois" form of the novel and the fabulist, escapist connotations of the story. From Broodthaers's "museum fictions" to Walid Ra'ad's "Atlas Group," the conceit of a fiction that frames an artist's career or individual project can be defensive or critical; it can also frame imagination and the notion of creativity in manners that displace art's own phobias and habits. Investigating the twinning of art and literary fiction--the art form that contemporary art most disdains--we approach the root of that aversion but also the anxieties it symptomizes. In this seminar we will study not only artistic projects that evolve as fictions but also the use of actual fiction by authors such as Borges, Poe, and others, in postwar and contemporary art practices.

Department: Art & Art History
Course: AH 398
Title: Senior Seminar--Object Lessons
Cross-listed: AH 598
Instructor: Herlo, J.
Description: Fall 2007. We take it as a given that "the object" is the basis for our studies in art history, but any object has multiple meanings as it changes hands, crosses territories, accrues in value, and reflects the obsessions and interpretations of different generations. In this seminar we will closely examine eight particular objects (among them an African-American quilt, a Shaker chair, a 19th century Japanese print, and a Navajo sandpainting) in order to chart the multivalent meanings of an object. Our point of departure will be Brad Collins' edited volume, *Twelve Views of Manet's Bar*, as we analyze the manifold ways in which scholars, artists, critics, and poets can approach one work of art. We will map the social life of things, from their making (considering both the hand-made and the manufactured), to their economic, intellectual and trans-cultural uses.

Department: Art & Art History
Course: AH 583
Title: Visual and Cultural Studies Colloquium
Cross-listed: CLT 462
Instructor: Saab, J.
Restrictions: Permission of instructor required for undergraduates
Description: Fall 2007. The VCS Colloquium will introduce students in the program to aspects of the histories, theories, and methodologies of our field of study. We will proceed in three ways: First, we will read and discuss together a series of texts on and in visual and cultural studies. Second, various faculty members in the program will conduct sessions based on readings that they will select for us. And third, each student will present his or her own work to the colloquium. For this final part, it is important that students engage with visual and cultural studies models and provide relevant readings to other members of the colloquium.

Art & Art History - Studio Arts

Department: Art & Art History -- Studio Arts
Course: SA 111
Title: Introductory Drawing
Instructor: Topolski, A. Class Size: 10
Description: Fall 2007. This course is designed as an exploratory investigation into the art of drawing through a traditional and experimental approach. Through a sequence of projects, students will have the opportunity to develop formal artistic skills and spatial relationships while enhancing their conceptual understanding of art as a visual language. Students will work from life and from the imagination to solve both process-oriented and product-oriented visual problems. Students should expect to gain experience in pencil, charcoal, oil pastel, chalk pastel, ink, wax resist, and a variety of non-traditional media. Emphasis is given to learning a variety of processes; the resulting products act as documents of sight and insight. While a significant amount of time will be devoted to studio production, students will also meet regularly for demonstrations, presentations, and discussions. Evaluation will primarily be based on the quantity and quality of studio production as well as the effort to thoughtfully contribute to critiques and discussions. Relevant readings and short papers are to be expected. Students who have taken SA 171 with a drawing component are still invited to enroll. Not open to seniors. Studio art supplies fee: \$50.

Department: Art & Art History - Studio Arts
Course: SA 112
Title: Concepts in Introductory Drawing
Instructor: Hetzel, R. Class Size: 10
Coursework: Art production, critiques, written papers (when applicable), participation in class discussions.
Description: Fall 2007. Why are we so fascinated with urban legends and international folklore? This studio course will use various forms of storytelling such as myths, fairytales, rituals, and legends as source material for creating traditional and nontraditional works of art. In addition, we will explore the visual language of religion, politics, and mass media in an effort to create our own contemporary folklore. In this course, students will have the opportunity to work with a wide variety of drawing media and techniques as well as experiment with creative alternatives. An emphasis will be placed on direct studio production. One-on-one discussions and large group critiques will support the studio experience and serve as a primary source of evaluation. Students who have taken SA 111 or SA 121 are encouraged to take this class. No previous studio art experience is necessary. Studio art supplies fee: \$50.

Department: Art & Art History -- Studio Arts
Course: SA 121
Title: Introductory Painting
Instructor: Layton, H. **Class Size:** 10
Description: Fall 2007. Designed to introduce students to the art of painting through a traditional and experimental approach. Through a sequence of projects, students will have the opportunity to practice observational painting skills as well as experiment with a variety of non-traditional media and innovative techniques. This course aims to enhance each student's understanding of historical and contemporary painting trends through studio practice and classroom dialogue. Ultimately, students will work toward creating mature visual works that communicate meaning effectively. Students will work from life, from found images, and from the imagination to solve both process-oriented and product-oriented visual problems. While much of our studio time will be devoted to art production, we will also meet regularly for technique demonstrations, artist presentations, and relevant discussions. Your paintings, in addition to their many other functions, will serve as documentation of your artistic and intellectual pursuit. Formal and informal critiques will regularly follow the completion of most projects. Readings and short papers are to be expected. Not open to seniors. Studio art supplies fee: \$50.

Department: Art & Art History -- Studio Arts
Course: SA 131
Title: Introductory 3D
Instructor: Cohen, E. **Class Size:** 10
Description: Fall 2007. A wide range of materials and techniques from metal and welding to assemblage, from wood to experimental methods and media is explored in the service of three-dimensional art making. Investigations of the specific qualities of three-dimensional media (i.e. space, form, scale, mass) and how they can convey ideas are made within a contemporary framework. Artworks synthesize a particular choice and use of materials and a concept or expression. It is the aim of this class to develop this synthesis, and in so doing, begin to develop the student's own working creative vocabulary. Studio art supplies fee: \$50.

Department: Art & Art History -- Studio Arts
Course: SA 141
Title: Introductory Photography
Instructor: Petranek, S. **Class Size:** 10
Restrictions: Permission of instructor required
Description: Fall 2007. The goal of this course is to begin to formulate conceptual ideas and gain the skills and techniques necessary to synthesize these ideas into photographic images. This course will introduce basic techniques and concepts in contemporary photography. Students will read and write on photographers, artists, historians and theoreticians within the context of studio practice. Techniques covered will include basic 35 mm camera operation, black and white film processing and print development. Studio art supplies fee: \$50.

Department: Art & Art History -- Studio Arts
Course: SA 151
Title: Introductory Digital Art
Cross-listed: FMS 260A
Instructor: Shindelman, M., Shaw, T. **Class Size:** 10
Prerequisites: Some familiarity with Macintosh computer required
Description: Fall 2007. For the purpose of this course, the computer and software will be a medium of artistic production. Students will use writings, and readings on contemporary art practice and theory to create work within the framework of contemporary digital art. Software, namely Adobe PhotoShop and Macromedia Dreamweaver, will be the medium for materializing conceptual ideas. Prior experience with the software used in this course is not required. Studio art supplies fee: \$50.

Department: Art & Art History -- Studio Arts
Course: SA 161
Title: Introductory Video & Sound
Cross-listed: FMS 161, ENG 161
Instructor: Merola, K. **Class Size:** 10
Description: Fall 2007. Please see FMS 161 for the course description.

Department: Art & Art History -- Studio Arts
Course: SA 171
Title: Concepts in Introductory 2D
Instructor: Shaw, T. **Class Size:** 10
Description: Fall 2007. This introductory course provides a framework for two-dimensional studio production; conventional and experimental approaches and processes of Drawing and Photography are investigated, utilized and interrelated. The student will develop technical proficiency, a critical vocabulary, and a broad understanding of art making's role in culture. This course fulfills the prerequisites for SA 242, and SA 215; students who have taken SA 111 or SA 141 may still take this course. Studio art supplies fee: \$50.

Department: Art & Art History - Studio Arts
Course: SA 190
Title: Introductory Visual Production
Instructor: Cohen, E. **Class Size:** 10
Description: Fall 2007. Provides a broad framework for contemporary art practice through studio production, discussion, presentation, and critique. While many courses, including Photography, 3-D, Painting, and Digital Art, often start with the medium and work toward the concept, the projects in this class will immediately integrate conceptual challenges with material and technique. While some projects may include traditional media such as pencils and paper, others may invite nontraditional media such as hair, text, earth and sound. Presentations and discussions will address historical and theoretical approaches to art as a way of supporting expansive studio practice. Practice, critique, readings, and discussion combine to place emphasis on the visual investigation necessary to create educated and challenging art. While Introduction to Visual and Cultural Studies (AH 100) would provide a strong base, it is not a prerequisite for this course. Not open to seniors. Studio art supplies fee: \$50.

Department: Art & Art History -- Studio Arts
Course: SA 209
Title: Writing on Art
Cross-listed: AH 209
Instructor: Berlo, J. **Class Size:** 20
Description: Fall 2007. By analyzing and experimenting with different styles of writing about contemporary and historical arts, we will seek to improve students' own writing and analytical skills. Students will analyze prose by artists, historians, cultural critics, poets, and others who have written on the visual arts. Slide lectures, discussions, and writing projects on objects of diverse media and historical eras will be augmented by visiting speakers and field trips to museums and galleries. This course fulfills one-half of the upper-level writing requirement for both studio and art history majors.

Department: Art & Art History -- Studio Arts
Course: SA 222A
Title: Advanced Painting
Cross-listed: SA 222B/SA 222C
Instructor: Layton, H. **Class Size:** 10
Restrictions: Permission of instructor required
Description: Fall 2007. This course provides a continuation of Introductory Painting with an intense emphasis on independent proposals, research, and studio production. Regular group discussions, individual meetings, and peer critiques will serve to enhance the experience. Various readings and short films will provide a foundation in theoretical frameworks and a platform for understanding the history and future of painting. An exploration of the broadest examination of painting and related media is to be expected. With faculty and peer support, students will develop professional-quality artist statements and will write reviews of each other's work. Within the context of the class, students will discuss the logistics of acquiring, promoting, and installing a professional exhibition, including multiple strategies for display. Students should expect to leave this class with the artistic maturity required to respond to and challenge a wide range of contemporary painting topics. This course may be taken more than once. Studio art supplies fee: \$50.

Department: Art & Art History -- Studio Arts
Course: SA 222B
Title: Advanced Painting
Cross-listed: SA 222A/SA 222C
Instructor: Layton, H. **Class Size:** 10
Description: Fall 2007. Please see SA 222A for the course description.

Department: Art & Art History -- Studio Arts
Course: SA 222C
Title: Advanced Painting
Cross-listed: SA 222A/SA 222B
Instructor: Layton, H. **Class Size:** 10
Description: Fall 2007. Please see SA 222A for the course description.

Department: Art & Art History - Studio Arts
Course: SA 232A
Title: Advanced 3D Object Install
Instructor: Cohen, E. **Class Size:** 10
Restrictions: Permission of instructor required
Description: Fall 2007. This class broadens the investigation undertaken in introductory 3D classes to include other materials and processes as well as focus on working in an interdisciplinary fashion. Projects open up the practice of sculpture to include an expanded notion of space and form to further the development of the student's three-dimensional vocabulary and further their options for articulating ideas. The scheduled class days will consist of studio production, slide presentations, technical demonstrations, discussion of assigned readings, one on one meetings, project critiques. Studio arts supplies fee: \$50.

Department: Art & Art History - Studio Arts
Course: SA 232B
Title: Advanced 3D
Instructor: Cohen, E. **Class Size:** 10
Description: Fall 2007. Please see SA 232A for the course description.

Department: Art & Art History - Studio Arts
Course: SA 232C
Title: Advanced 3D
Instructor: Cohen, E. **Class Size:** 10
Description: Fall 2007. Please see SA 232A for the course description.

Department: Art & Art History - Studio Arts
Course: SA 243A
Title: Issues in Advanced Photography
Cross-listed: SA 243B/243C
Instructor: Shindelman, M. **Class Size:** 10
Restrictions: Permission of instructor required
Description: Fall 2007. Alternative Processes looks at contemporary photography and photographic practice using readings, visiting collections, galleries, and production of photographic work. The course stresses conceptual ideas and content and their relationship to multiple photographic processes. Topics such as large format photography, cyanotypes, Van Dyke Brown prints, photograms and radical toning will be covered. The core of the work revolves around self directed photographic projects, readings, writings, and critiques. Studio art supplies fee: \$50.

Department: Art & Art History - Studio Arts
Course: SA 243B
Title: Issues in Advanced Photography
Cross-listed: SA 243A/243C
Instructor: Shindelman, M. **Class Size:** 10
Description: Fall 2007. Please see SA 243A for the description.

Department: Art & Art History - Studio Arts
Course: SA 243C
Title: Issues in Advanced Photography
Cross-listed: SA 243A/243B
Instructor: Shindelman, M. **Class Size:** 10
Description: Fall 2007. Please see SA 243A for the description.

Department: Art & Art History - Studio Arts
Course: SA 263A
Title: Issues in Advanced Video & Sound
Cross-listed: SA 263B/263C/FMS 263A/263B/263 C
Instructor: Devereaux, E. **Class Size:** 10
Prerequisites: FMS 161/SA 161
Description: Please see FMS 161 for the course description

Department: Art & Art History - Studio Arts
Course: SA 263B
Title: Issues in Advanced Video & Sound
Cross-listed: SA 263A/263C/FMS 263A/263B/263C
Instructor: Devereaux, E. **Class Size:** 10
Description: Fall 2007. Please see SA 263A for the description.

Department: Art & Art History - Studio Arts
Course: SA 263C
Title: Issues in Advanced Video & Sound
Cross-listed: SA 263A/263B/FMS 263A/263B/263C
Instructor: Devereaux, E. **Class Size:** 10
Prerequisites: FMS 161/SA 161
Description: Fall 2007. Please see SA 263A for the description.

Department: Art & Art History -- Studio Arts
Course: SA 396
Title: Senior Studio and Seminar
Instructor: Devereaux, E. **Class Size:** 10
Restrictions: Open only to Junior and Senior majors of the offering department
Description: Fall 2007. This course is designed to support the transition between undergraduate coursework in the arts and independent, professional, and post-graduate pursuits. The course has three essential components: (1) Studio Production and Critique, (2) the Mechanics of the Profession, and (3) Contemporary Artists and Issues as they relate to Visual and Cultural Theory, Art History, and Art Criticism. The production component will consist of the intensive critique of ongoing studio work with an emphasis on the importance of shifting toward self-motivated production. One-on-one, small group, large group, and visiting critiques are not only to be expected, but appreciated. Discussion on the Mechanics of the Profession will include detailed and individually-tailored guidance on career choices, graduate school preparation, and group and solo exhibition. Contemporary Issues and Artists will be thoughtfully considered through readings, discussions, and written responses. By the end of the semester, students will have prepared an artist talk on their work through documentation, explanation, reference, and relevance in the context of contemporary art. This course will serve as the first half of the development toward a solo thesis exhibition at the end of the spring semester. This class is limited to and required of senior studio majors. Studio art supplies fee: \$50.

Biology

Department: Biology
Course: BIO 102
Title: Biology and the Environment
Instructor: Sajdak, SL
Exams: Three 50 min exams
Coursework: Three 50 min lectures and one 50 minute recitation per week
Description: A non-majors course which will explore evolutionary and ecological topics such as the evolution of disease, origin of species, the distribution of life on earth, biological and economic importance of ecosystems, factors affecting climate, the recycling of resources within natural systems, the relationships of species within ecosystems and how they benefit the health of natural communities. Special topics dealing with issues of conservation and human activity will be addressed. Two to three short writing assignments will be given.

Department: Biology
Course: BIO 104
Title: Ecosystem Conservation and Human Society
Instructor: Mineckley, R.
Coursework: 2 tests, 1 group project, 1 independent project
Description: As the natural resources on which human society depends are depleted, the need for sound conservation policies increases. The course examines a new approach in conservation biology that identifies and places economic value on the services that natural ecosystems provide. Such services are basic to sustainable societies and include clean water and air, waste decomposition, pollination and farm land productivity. Major themes the course covers include an overview of other approaches in conservation biology, a review of the services that ecosystems provide, ways the value of these services are determined, and how this novel approach is influencing economic and political policy at local, national, and international levels.

Department: Biology
Course: BIO 110
Title: Principles of Biology I
Instructor: Olek, A. **Class Size:** 150
Prerequisites: Completion or concurrent enrollment in CHM 131 or equivalent
Exams: Three 90 minute exams and one 3 hour final exam
Coursework: Three 50 min lectures and one 2 hour problem based workshop per week
Description: The first semester in a year long course sequence designed for majors and minors in biology. Major topics include: biochemistry, molecular and cellular evolution, cell reproduction, fundamentals of genetics and molecular biology.

Department: Biology
Course: BIO 112
Title: Perspectives in Biology I
Instructor: Platt, T. **Class Size:** 100
Prerequisites: See Description below
Restrictions: Open to freshmen only
Exams: Two exams during the term and a final examination
Description: The first semester of a two-course introductory sequence for students with a strong background in science. Topics include biochemistry, molecular and cellular evolution, cell reproduction, fundamentals of genetics and molecular biology. This course differs from BIO 110 in that there will be greater emphasis on experimental approaches, data analysis, and quantitative methods, and may include reading original papers. A significant writing component will include preparation of a book review (from selected titles, such as *The Selfish Gene*). Note both BIO 110 and 112 are designed to prepare students who intend to major in biology. Prerequisites: Students with a score of 4 or 5 on the AP Biology test, particularly those who have interest in research. Completion or concurrent enrollment in CHM 131 or equivalent.

Department: Biology
Course: BIO 198
Title: Principles of Genetics
Instructor: Sia, E. **Class Size:** 250
Prerequisites: BIO 110 and completion or concurrent enrollment in CHM 203 or 205
Exams: Three 1 hour exams and a comprehensive final exam
Coursework: Three 50 min lectures and one 50 min problem based recitation per week
Description: Methods of genetic analysis are stressed. Topics include: Mendelian assortment; gene interaction; linkage and mapping; methods of genetic analysis in yeast, bacteria and phage; DNA replication, recombination, repair and mutation; gene expression and its regulation; transposons and retroviruses; recombinant DNA technologies; cancer as a genetic disease.

Department: Biology
Course: BIO 198L
Title: Principles of Genetics Lab
Instructor: Sajdak, S.L. **Class Size:** 150
Prerequisites: Concurrent with BIO 198 or after completion of BIO 198.
Exams: Quizzes, laboratory reports and other assignments
Coursework: One 3.5 hour laboratory per week
Description: This course is an introduction to basic genetic theory and laboratory practices. Topics include classical inheritance in eukaryotes, bacterial genetics and molecular technology techniques. Emphasis is on data analysis and experimental design.

Department: Biology
Course: BIO 202
Title: Molecular Biology
Cross-listed: BIO 402
Instructor: Benyajati, Cheeptip
Prerequisites: BIO 198 and BIO 250 strongly recommended; should have completed biology core as well as chemistry requirements
Exams: Three 1 hour exams and a comprehensive final exam
Coursework: Two 75 minute lectures and one 75 minute recitation per week.
Description: This course deals with the molecular mechanisms of gene replication, gene expression, and the control of gene expression in both prokaryotic and eukaryotic cells. Topics include: enzymatic mechanisms of DNA replication, recombination and repair; transposable elements; DNA transcription; RNA splicing; RNA translation; repressors, activators and attenuators; recombinant DNA and genetic engineering.

Department: Biology
Course: BIO 203
Title: Mammalian Anatomy
Instructor: Dietsche, A. **Class Size:** 120
Prerequisites: BIO 110 or BIO 112 and BIO 111 or BIO 113 or permission of instructor
Exams: Four 50 min exams
Coursework: Three 50 min lectures and one three-hour laboratory per week.
Description: This course deals with the structural and systematic anatomy of animals with special emphasis on human beings. Laboratory includes the dissection of fresh and preserved tissue plus analysis of structures and systems.

Department: Biology
Course: BIO 205
Title: Evolution
Instructor: Orr, A. **Class Size:** 100
Prerequisites: BIO 111 or BIO 113 and BIO 198
Exams: Two 70 min exams plus a comprehensive final exam.
Coursework: Two 75 min lectures and one 50 min recitation per week.
Description: Fundamentals of Evolution. Topics include natural selection and its ecological basis, population genetics including selection and drift, speciation, and molecular evolution including the neutral theory, molecular phylogeny and the molecular clock.

Department: Biology
Course: BIO 210
Title: Molecular Cell Biology
Instructor: Goldfarb, D. **Class Size:** 200
Prerequisites: BIO 110 or BIO 112 and BIO 111 or BIO 113. BIO 198 and BIO 250 are strongly suggested.
Restrictions: Not open to freshmen and sophomores
Description: An intermediate level course that covers fundamental cell processes at the molecular level. Topics include organelle structure and functions, membrane biogenesis, cytoskeleton, cell signaling, cell cycle growth and death.

Department: Biology
Course: BIO 222
Title: Biology of Aging
Cross-listed: BIO 422
Instructor: Gorbunova, V. **Class Size:** 50
Prerequisites: BIO 198, BIO 202 recommended.
Exams: Two exams: midterm and end of semester.
Coursework: Two 75-min lectures and one 50 min recitation per week
Description: This course will focus on molecular mechanisms of aging and its relation to DNA damage and repair. Evolution of aging, model organisms used in aging research, human progeroid syndromes, and interventions to slow aging will be discussed.

Department: Biology
Course: BIO 226
Title: Developmental Biology
Cross-listed: BIO 426
Instructor: Lambert, D. **Class Size:** 80
Prerequisites: BIO 198 or permission of the instructor
Exams: Three 75-min exams and a comprehensive final exam
Coursework: Two 75-min lectures per week and a 50 min recitation per week.
Description: This course deals with the cellular and molecular aspects of animal development, with emphasis on processes and underlying mechanisms. Topics include fertilization, cloning (of embryos), embryonic cleavage, gastrulation, early development of model vertebrates and invertebrates, patterning of cell fates along embryonic axes of *Drosophila* and vertebrates, organogenesis, sex determination, and stem cells.

Department: Biology
Course: BIO 228
Title: Laboratory in Cell and Developmental Biology
Cross-listed: BIO 428
Instructor: Benyajati, C. and Bi, X. **Class Size:** 24
Prerequisites: Strongly recommended BIO 250; should have completed biology core as well as chemistry requirements
Exams: Laboratory reports and other assignments
Coursework: Two four-hour labs and one 50 min recitation per week
Description: This course is designed to provide (i) training in specific methods used in molecular, cell and developmental biology research, with emphasis on data acquisition and analysis (ii) experience in the design and execution of experiments, writing scientific reports, and public scientific presentation.

Department: Biology
Course: BIO 260
Title: Animal Behavior
Cross-listed: BIO 460
Instructor: Werren, J. Class Size: 75
Prerequisites: BIO 111 or BIO 113
Coursework: Three 50 min lectures and one 50 min recitation per week
Description: Examines animal behavior from an ecological and evolutionary perspective. Topics include social organization, mating systems, foraging, aggression, and animal learning. Students also learn quantitative techniques in behavioral biology.

Department: Biology
Course: BIO 263
Title: Ecology
Instructor: Ramsey, J.
Prerequisites: BIO 111 or BIO 113 and MTH 142 or MTH 161
Exams: Three 50 min exams and a comprehensive final exam
Coursework: Three 50 min lectures and one 50 min recitation per week
Description: A survey of adaptations to the physical environment, dynamics of natural populations, interactions between species, and human impact on the environment.

Department: Biology
Course: BIO 422
Title: Biology of Aging
Cross-listed: BIO 222
Instructor: Gorbunova, V.
Prerequisites: Genetics required; Molecular Biology recommended.
Description: This course focuses on molecular mechanisms of aging and its relation to DNA damage and repair. Evolution of aging, model organisms used in aging research, human progeroid syndromes, and interventions to slow aging are discussed.

Brain & Cognitive Sciences

Department: Brain & Cognitive Sciences
Course: BCS 110
Title: Neural Foundations of Behavior
Cross-listed: PSY/CVS 110
Instructor: Holtzman, D. Class Size: 200
Exams: Three mid-terms and a final, all multiple choice.
Coursework: Lectures, weekly recitations (optional).
Description: Introduces the structure and organization of the brain, and its role in perception, movement, thinking, and other behavior. Topics include the brain as a special kind of computer, localization of function, effects of brain damage and disorders, differences between human and animal brains, sex differences, perception and control of movement, sleep, regulation of body states and emotions, and development and aging.

Department: Brain & Cognitive Sciences
Course: BCS 111
Title: Foundations of Cognitive Science
Instructor: Achtman, R. Class Size: 50
Prerequisites: None. NOTE: PSY MAJORS, SEE BCS/PSY 112.
Description: Introduces the organization of mental processes underlying cognition and behavior. Topics include perception, language, learning, memory and intelligence. This course integrates knowledge of cognition generated from the field of cognitive psychology with findings from artificial intelligence and cognitive neuroscience.

Department: Brain & Cognitive Sciences
Course: BCS 151
Title: Perception and Action
Cross-listed: PSY/CVS 151
Instructor: Williams, D. Class Size: 60
Prerequisites: BCS/PSY 110 or BCS 111 or BCS/PSY 112
Exams: Two mid-term exams and a cumulative final.
Description: Explores how the biology of our senses shapes perceptual experiences of reality. Emphasizes sense of sight primarily and hearing secondarily. An important theme is that our sensory systems play a crucial role in the execution of coordinated movements of our bodies, as we navigate in, and interact with, the environment.

Department: Brain & Cognitive Sciences
Course: BCS 152
Title: Language and Psycholinguistics
Cross-listed: PSY 152, ASL 260, LIN 217
Instructor: Jaeger, F. Class Size: 50
Prerequisites: BCS 110 or 111 or 112; or LIN 110
Description: Overviews the nature and processing of human languages, including comparisons between language and animal communication systems, the biological bases of human language, and the cognitive mechanisms used in producing, understanding, and learning language.

Department: Brain & Cognitive Sciences
Course: BCS 183
Title: Animal Minds
Cross-listed: PSY 183
Instructor: Faber, B.
Description: Considers the cognitive and communicative abilities of animals, especially primates, as compared with humans. Topics include thinking, reasoning, remembering, communicating, and understanding number, time, and causality, in animals ranging from ants to apes.

Department: Brain & Cognitive Sciences
Course: BCS 200
Title: Statistical Analysis and Experimental Design
Cross-listed: PSY 200
Instructor: Knill, D. Class Size: 60
Exams: Quizzes. Computer problem sets. Take-home assignments and a final exam.
Coursework: There are two lectures and a computer lab per week. Students should sign up for one lab section as well as for the lecture.
Description: Introduces statistical methods including descriptive statistics (count, central tendency, dispersion), hypothesis testing (significance, t-test, chi-square, etc.) and elements of correlation, regression, and interaction. Emphasis is on what a technique does at a conceptual level, how a technique is reported in the literature, and how to execute a technique.

Department: Brain & Cognitive Sciences
Course: BCS 205W
Title: Lab in Development & Learning
Cross-listed: PSY 205W
Instructor: Aslin, R. Class Size: 15
Prerequisites: BCS 200 and one of the BCS core courses (151, 152, 153) or BCS 172
Coursework: This course carries upper-level writing credit. Papers are written and graded both for content and form.
Description: Introduces behavioral methods used to study the development of perception, cognition, and language, and computational and neuroscientific methods used to study mechanisms of development, learning, and experiential change. Emphasizes methods for testing human infants and children. Includes observation of these experimental methods as well as opportunities for individual projects.

Department: Brain & Cognitive Sciences
Course: BCS 240
Title: Basic Neurobiology
Cross-listed: NSC 201
Instructor: Nørdeen, E. Class Size: 70
Prerequisites: BIO 110 or BIO 112 AND BIO 111 or BIO 113 AND BIO 111L
Exams: 4-5 mid-term exams, cumulative final; 2 papers
Coursework: The associated laboratory (BCS240L) is for students intending to take the spring Lab in Neurobiology (BCS203).
Description: Explores fundamental concepts of neural organization and function. Covers gross and cellular neuroanatomy, neuronal cell biology, the electrophysiology of neurons and synapses, neurochemistry, spinal circuitry, sensory and motor systems, and higher functions including learning and memory. Includes labs on gross anatomy of the brain and computer simulation of neuronal electrophysiology.

Department: Brain & Cognitive Sciences
Course: BCS 243
Title: Neurochemical Foundations of Behavior
Cross-listed: NSC 243
Instructor: Kellogg, C. **Class Size:** 20
Prerequisites: NSC 201 (BCS 240) or equivalent background; biochemistry recommended
Exams: 3 exams, a take-home final
Coursework: Lectures and problem sets, with emphasis on problem solving and data analysis. 1 paper
Description: Introduces the field of neurochemistry with an emphasis on cellular and molecular neurochemistry. Topics range from study of neurochemical mechanisms that underlie normal neural function to discussion of behavioral disturbances that result from neurochemical abnormalities. Considers neurochemical mechanisms of adaptive behavior, learning and memory, behavioral disorders, gender differences, and drug seeking behavior.

Department: Brain & Cognitive Sciences
Course: BCS 246
Title: The Biology of Mental Disorders
Cross-listed: NSC/PSY 246
Instructor: Kellogg, C., Como, P. **Class Size:** 40
Prerequisites: BCS 110, NSC 201 (BCS 240) or equivalent background.
Exams: 5 exams, a combination of take-home and in-class
Description: Examines the neurobiology of anxiety/phobic conditions, mood disorders, and chronic psychotic states, particularly schizophrenia. Considers definitions of psychiatric syndromes, the problems of diagnosis, brain organization, and neurotransmitter systems involved in state functions. Introduces research approaches including epidemiologic, phenomenologic, family/adoption, longitudinal descriptive, psychophysiological, neuropharmacologic, genetic linkage, and postmortem studies; emphasizes recent in vivo brain imaging and neuroreceptor studies.

Department: Brain & Cognitive Sciences
Course: BCS 310
Title: Senior Seminar
Instructor: Makous, W. **Class Size:** 15
Prerequisites: Declared BCS concentrators, senior status.
Restrictions: Open only to senior majors or by permission of instructor
Exams: No exams. Papers and presentations.
Coursework: Seminar format.
Description: A 2-credit-hour course required of all senior BCS majors who do not enter the honors program. Emphasizes reading, evaluating, and discussing primary research papers. Each student chooses a topic, becomes familiar with it, selects a classic paper, leads a class discussion, and writes an evaluation of the paper as though providing peer review for a journal.

Department: Brain & Cognitive Sciences
Course: BCS 389
Title: Vision Science Research & Colloquium
Cross-listed: CVS 389
Instructor: Williams, D. **Class Size:** 10
Restrictions: Permission of instructor required
Coursework: Students attend meetings of the Center for Visual Science Research Seminars and colloquia. In consultation with a faculty mentor, a review paper or other appropriate research project is undertaken.
Description: A 2-credit hour course. Intended for students who are engaged in research in the Center for Visual Science and who may be considering a career in research. Provides exposure to the research environment of the Center through the regular research meetings and colloquia attended by CVS graduate students, postdocs, and faculty. Students also complete a paper on a vision-related topic. No prerequisites. Same as CVS 389.

Chemistry

Department: Chemistry
Course: CHM 131
Title: Chemical Concepts, Systems and Practices I
Instructor: Krauss, T., Krugh, T. **Class Size:** 250
Exams: Three Exams and a Final
Description: This course is an introduction to the concepts of chemistry for science and engineering students, health professions students, and as a science course for students of the humanities and social sciences. Properties of chemical systems are discussed from a macroscopic and molecular perspective with examples developed from a wide range of disciplines. The Topics covered include stoichiometry, atoms and molecules, properties of gases, thermochemistry, chemical equilibrium, acids and bases, solubility equilibria, and oxidation-reduction reactions. M W F - Krauss: Three 50 minute lectures per week. T R - Krugh: Two 75 minute lectures per week. In addition, there is a three-hour laboratory every week, a 50 minute laboratory lecture and a 75 minute workshop (Krauss) or a 75 minute recitation (Krugh). You must register for the laboratory prior to the start of the semester. Workshops and recitations will be assigned in the main lecture during the 1st week of classes.

Department: Chemistry
Course: CHM 171Q
Title: Quest Organic Chemistry
Instructor: Goodman, J. **Class Size:** 30
Description: CHM171Q / 173Q is a one year exploration of the basic observations, concepts and practice of organic chemistry, with a focus on the fundamental relationships among molecular structure and chemical reactivity. The exploration will require that students grapple Quest issues: defining questions, evaluating evidence, weighing arguments, reflecting on epistemological issues, constructing new experiments, etc. The study of organic chemistry will be carefully integrated with a review of the key concepts from general chemistry. Quest Organic is designed for first year students with good preparation in chemistry (e.g., two years of general chemistry and Advanced Placement score 4 or 5, or equivalent preparation). Coregistration in CHM 173Q (laboratory) is required.

Department: Chemistry
Course: CHM 173Q
Title: Quest Organic Chemistry Laboratory
Instructor: Goodman, J. **Class Size:** 30
Prerequisites: CHM 171Q
Exams: Four-credit course that meet for three lectures & one 2-hour workshop each week
Description: CHM 173Q is a one year exploration of the basic observations, concepts and practice of organic chemistry, with a focus on the fundamental relationships among molecular structure and chemical reactivity. The exploration will require that students grapple with Quest issues: defining questions, evaluating evidence, weighing arguments, reflecting on epistemological issues, constructing new experiments, etc. The study of organic chemistry will be carefully integrated with a review of the key concepts from general chemistry. Quest Organic is designed for first year students with good preparation in chemistry.

Department: Chemistry
Course: CHM 203
Title: Organic Chemistry I
Instructor: Dinnocenzo, J. **Class Size:** 350
Prerequisites: CHM 131/CHM 151 & CHM 132/CHM 152 or the equivalent.
Exams: Four 1-hour Exams and Final.
Description: An introduction to organic chemistry that focuses on chemical bonding, structure and stereochemistry, reactions and reaction mechanisms of organic compounds. There are three 50 minute lectures and one workshop per week. The workshop is an informal, interactive two-hour session in which groups of eight students work on specially designed problems under the guidance of a trained leader. The purpose of the workshop is to provide a mechanism for students to work actively with the material and with each other. Coregistration in CHM 207 is required.

Department: Chemistry
Course: CHM 207
Title: Organic Chemistry I Laboratory
Instructor: Toder, B. **Class Size:** 350
Prerequisites: Co-registration in CHM 203.
Exams: Several lab quizzes during lecture.
Coursework: One 3-hour laboratory & one 50 minute laboratory lecture per week.
Description: A one laboratory period per week course that provides an introduction to the characterization and reactivity of organic molecules. This course provides an introduction to modern laboratory techniques used for organic molecules. There is one 3-hour laboratory and one 50 minute laboratory lecture per week.

Department: Chemistry
Course: CHM 211
Title: Inorganic Chemistry
Instructor: Eisenberg, R. **Class Size:** 45
Prerequisites: Organic Chemistry
Description: This course covers descriptive chemistry of main group elements, bonding in inorganic systems, coordination chemistry and the properties and reactions of transition metal complexes. Two 75 minute lectures per week. Three 90 minute examinations plus group projects and problem sets.

Department: Chemistry
Course: CHM 231
Title: Chemical Instrumentation
Instructor: Kreilick, R. **Class Size:** 36
Prerequisites: See Description below.
Restrictions: Not open to freshmen and sophomores
Exams: One 1-hour exam and a final exam, laboratory work, 10 written lab reports.
Description: This course will provide an understanding of both the method and the application of modern chemical instrumentation to chemical problems and systems. The problems will be deliberately chosen to cover a range of different chemical systems. One lecture and 2 labs week. Prereq: One each year of Freshman and Organic Chemistry. One year each of college physics and mathematics. Concurrent registration in CHM 251 is recommended. This class is 4 credit hours.

Department: Chemistry
Course: CHM 251
Title: Physical Chemistry I
Instructor: Farrar, J. **Class Size:** 60
Prerequisites: PHY 121-123; MTH 163 PHY 121-122; MTH 161-163
Restrictions: Permission of instructor required except for students matriculated in offering school
Exams: Three 1-hour exams and Final.
Description: This course is an introduction to quantum mechanics with applications to spectroscopy and to atomic and molecular structure. There are weekly problem sets. Students also participate in workshops each week.

Department: Chemistry
Course: CHM 352
Title: Issues in Workshop Leadership
Cross-listed: CAS 352
Instructor: Dinnocenzo, J., Perez, C.
Description: A 2-credit course to prepare students to be effective Workshop leaders in chemistry courses. Topics include: group dynamics; diversity; student development; learning theory; cognitive apprenticeship; metacognition and constructivism. These ideas are developed and applied in the context of Workshop practice. Cross-listed as CAS352. The class meets for 1.5 hours each week in the semester in which students are leading Workshops. Readings from the research literature, class discussion and a research paper and presentation are required.

Department: Chemistry
Course: CHM 411
Title: Advanced Inorganic Chemistry I
Instructor: Eisenberg, R. **Class Size:** 30
Restrictions: Open only to graduate students in offering department
Description: This course covers descriptive chemistry of main group elements, bonding in inorganic systems, coordination chemistry and the properties and reactions of transition metal complexes. Two 75 minute lectures per week. Three 90 minute examinations plus group projects and problem sets. Co-listed as CHM 211. Undergraduates may not enroll in 411. Graduate students enroll in 411, and will have an additional assignment.

Department: Chemistry
Course: CHM 417
Title: X-ray Crystallography
Instructor: Brennessel, W. **Class Size:** 20
Coursework: Weekly assignments: problem sets, simple lab work, or computer work.
Description: 2 Credit hours. Students will learn the basic principles of X-ray diffraction, symmetry, and space groups. Students will also experience the single crystal diffraction experiment, which includes crystal mounting, data collection, structure solution and refinement, and the reporting of crystallographic data. Fall, 2nd half of semester

Department: Chemistry
Course: CHM 421
Title: Basic Organometallic Chemistry
Instructor: Eisenberg, R. **Class Size:** 30
Description: Examination of the concepts, systems, reactions and applications of organometallic chemistry. Structure and bonding of complexes having carbonyl, alkyl, carbene, olefin, C_nH_n and related pi ligands. Oxidative addition, insertion, elimination reactions, and other fundamental reactions of organometallic compounds. (Fall, first half-semester)

Department: Chemistry
Course: CHM 423
Title: Organometallic Chemistry-Survey
Instructor: Jones, W. **Class Size:** 30
Prerequisites: CHM 421
Description: Mechanisms in organometallic reactions. Applications of organometallic compounds in homogeneous catalysis, polymerization, metathesis. (Fall, second half-semester)

Department: Chemistry
Course: CHM 433
Title: Advanced Physical Organic Chemistry I
Instructor: Ng, M. **Class Size:** 20
Restrictions: Not open to freshmen and sophomores
Exams: Two exams (midterm and final).
Description: An understanding of the structure and reactivity of organic compounds by using molecular orbital theory will be provided. Some perspectives on the relationships between structure, mechanism and reactivity will be discussed in the context of a number of fundamental concepts and principles, such as molecular orbital theory, frontier molecular orbital theory, stereochemistry, conformational analysis, stereoelectronic effects, thermodynamics and equilibria, kinetics, linear free-energy relationships, acids and bases catalysis, nonclassical ions, and concerted pericyclic reactions.

Department: Chemistry
Course: CHM 435
Title: Organic Reactions **Class Size:** 20
Prerequisites: One year of college Organic Chemistry.
Coursework: Two 75-minute lectures per week with extensive reading assignments from original literature.
Description: A survey of reactions of organic compounds with emphasis on those with practical synthetic utility will be provided. Mechanisms of reactions will be considered as well as their scope and limitations. Stereochemical and stereoelectronic issues will be discussed. Selected topics to be covered are conformational analysis, olefin addition reactions, oxidation and reduction methods, pericyclic reactions, chemistry of enolates and metalloenamines, organosilicon chemistry, chemistry of nitrogen- and sulfur-based functional groups, chemistry of reactive intermediates, such as carbocations and carbenes. A solid background of college organic chemistry, including a good knowledge of reaction mechanisms, will be assumed as a prerequisite.

Department: Chemistry
Course: CHM 437
Title: Bioorganic Chemistry & Chemical Biology
Instructor: Nilsson, B. **Class Size:** 20
Prerequisites: Completion of sophomore organic chemistry; 1 semester undergraduate biochemistry or biology recommended.
Restrictions: Not open to freshmen and sophomores
Exams: Two 1-hour exams and a paper.
Description: An introduction to bioorganic chemistry and chemical biology. The course draws heavily from the primary literature to present a survey of how the principles of organic chemistry have been used to explain and exploit biological phenomena. Course topics include the use of organic chemistry to understand oligonucleotides, proteins, and oligosaccharides; design of organic molecules for recognition and catalysis in biological systems; chemical genetics; introduction to principles of drug design.

Department: Chemistry
Course: CHM 455
Title: Thermodynamics and Statistical Mechanics
Instructor: Ovchinnikov, M. **Class Size:** 15
Prerequisites: CHM 251 or equivalent
Exams: Midterm/Final
Coursework: Lectures: 2 weekly lectures of 75 minutes Assignments: Reading assignments and homework
Description: Synopsis: The course draws connections between the orderly and chaotic behavior of simple and complex systems, laying the foundations of statistical equilibrium and equilibrium thermodynamics. The different phases of matter (gases, liquids, solid) assumed by bulk classical interacting particles and their transitions are discussed in this approximation. Properties of non-interacting quantal systems are expressed in terms of partition functions, for gases of simple and complex particles. Non-equilibrium statistical behavior of multi-particle systems leads to diffusion and other transport phenomena.

Department: Chemistry
Course: CHM 458
Title: Molecular Spectroscopy and Structure
Instructor: McCamant, D. **Class Size:** 30
Prerequisites: CHM 451 or equivalent
Exams: Midterm/Final
Description: The course covers the basic theory and experimental practice of spectroscopy in molecules and condensed matter. A general review of electromagnetic waves is followed by time dependent perturbation theory and a density matrix treatment of two-level systems. The basic principles are applied electronic, vibrational and rotational spectroscopy. The course draws heavily on literature studies that exemplify the material. Fall, 1st half of semester.

Department: Chemistry
Course: CHM 460
Title: Chemical Kinetics
Instructor: McCamant, D.
Prerequisites: CHM 451
Description: Within the broad area of chemical kinetics, this course will focus on basic concepts of kinetics, photochemistry and electron-transfer (e^-T). In addition to studying bulk reaction rates, we will discuss Marcus's theory of e^-T , intramolecular vibrational energy redistribution (IVR) and vibrational cooling, and the fates of photoexcited species (radiative and non-radiative decay channels). We will address the experimental quantification of these kinetics using time-resolved spectroscopy and analysis of kinetic data. The course material will be somewhat continuous with that of CHM 458. Molecular Spectroscopy. Fall, 2nd half of semester.

Department: Chemistry
Course: CHM 470
Title: Computational Chemistry
Instructor: Stern, H.
Prerequisites: Quantum and statistical mechanics at the level of advanced undergraduate P-chem.
Exams: Take-home midterm and final exam
Coursework: Weekly 2-3 computer labs and problem sets.
Description: In this course students will learn about a range of computational methods used to attack research problems in chemistry. Emphasis will be placed both on the theory underlying computational techniques and on their practical application. Topics will include molecular mechanics, ab initio electronic structure theory, density functional theory, molecular dynamics and Monte Carlo simulations, methods for free-energy calculations, path-integral techniques, and methods for

Clinical & Social Sciences in Psychology

Department: Clinical & Social Sciences in Psychology
Course: CSP 171
Title: Social and Emotional Development
Cross-listed: PSY 171, CSP/PSY 171W
Description: The course will examine the interpersonal, emotional, cognitive, and environmental factors which influence children's social and emotional development from early infancy through late adolescence.

Department: Clinical & Social Sciences in Psychology
Course: CSP 181
Title: Theories of Personality & Psychotherapy
Cross-listed: PSY 181, CSP/PSY 181W
Description: A survey of personality, emphasizing modern theoretical approaches, basic methods of investigation, and the relations of these theories to psychotherapy and behavioral change.

Department: Clinical & Social Sciences in Psychology
Course: CSP 211
Title: Introduction to Statistical Methods in Psychology
Cross-listed: PSY 211
Instructor: Huta, V. **Class Size:** 60
Description: Introduction to the use of statistics in psychological research. Topics include descriptive statistics, correlation and regression, and inferential statistics. Examples are drawn from social and personality psychology. Logic of statistical inference and proper interpretation of research findings are emphasized.

Department: Clinical & Social Sciences in Psychology
Course: CSP 219W
Title: Research Methods in Psychology
Cross-listed: PSY 219W
Instructor: Rogge, R. **Class Size:** 25
Prerequisites: CSP/PSY 211
Exams: Final
Coursework: Lab reports
Description: Hands-on introduction to the process of conducting research in personality and social psychology. Topics include measurement techniques, correlational methods and experimental design, data analysis, and ethical issues. Laboratory reports emphasize proper interpretation and presentation of research findings. Fulfills upper level writing requirement.

Department: Clinical & Social Sciences in Psychology
Course: CSP 263
Title: Relationship Process and Emotions
Cross-listed: PSY 263
Description: Relationships are among the most important endeavors of human activity. In the past two decades, extensive theory and research has been devoted to understanding the processes of regulating people's thoughts, feelings, and behavior in meaningful relationships with friends, family, and romantic partners. The purpose of this seminar will be to explore this literature. We will examine psychological research on such important topics as attachment, emotion, intimacy, conflict resolution, relationship differences and similarities, and impact of relationships on physical health and emotional well-being.

Department: Clinical & Social Sciences in Psychology
Course: CSP 264
Title: Industrial & Organizational Psychology
Cross-listed: PSY 264
Instructor: Cook, G. **Class Size:** 150
Exams: Three
Description: Applications of psychological theory and research to work settings. Topics include personnel selection, training and appraisal; organizational structure and transformation; performance in work groups; motivation and satisfaction; leadership; work conditions; and cross-cultural issues.

Department: Clinical & Social Sciences in Psychology
Course: CSP 267
Title: Psychology of Gender
Cross-listed: PSY 267/CSP 267W & PSY 267W
Description: Exploration of the ways males and females differ in interaction, theories of development of sex differences, consequences for social change.

Department: Clinical & Social Sciences in Psychology
Course: CSP 276
Title: Psychology of Parenting
Instructor: McDowell, D.
Prerequisites: CSP/PSY 171 Social & Emotional Development
Description: Parenting and family life are emphasized from developmental, ecological, and cross-cultural perspectives. Caregiving in diverse family forms and cultures are studied in relation to adult-child interactions, parent/school/community relations, family roles, laws, and parenting skills. Issues related to aspects of diversity in contemporary families are included.

Department: Clinical & Social Sciences in Psychology
Course: CSP 301
Title: Teaching Psychology
Cross-listed: PSY 301
Instructor: McAdam, D.
Prerequisites: Junior/Senior Majors in Psychology
Restrictions: Permission of instructor required
Description: In-depth consideration of topics in psychology and their communication. PSY 101 is a lab for this course.

Department: Clinical & Social Sciences in Psychology
Course: CSP 310W
Title: Honors Research I
Cross-listed: PSY 310W
Instructor: Klorman, R.
Restrictions: Permission of instructor required
Coursework: Written research proposal
Description: First part of Honors research requirement. The student develops and conducts research to be completed in Honors Research II, under the guidance of a chosen faculty advisor. The proposal is evaluated by the faculty advisor. Upper Level Writing credit.

Department: Clinical & Social Sciences in Psychology
Course: CSP 351
Title: Research in Developmental Neuropsychology
Cross-listed: PSY 351
Instructor: Bennetto, L.
Restrictions: Permission of instructor required
Description: This course provides guided, direct research experiences in developmental neuropsychology, with a particular focus on autism and other developmental disabilities.

Department: Clinical & Social Sciences in Psychology
Course: CSP 368W
Title: Seminar in Humanistic Psychology
Cross-listed: PSY 368W
Instructor: Deci, E. **Class Size:** 24
Restrictions: Permission of instructor required
Description: This course will be an introduction to the theory and methods of humanistic psychology, with particular emphasis on humanistic approaches to psychotherapy and growth. The approach is learning through experience. In class, we will employ the methods of humanistic psychology, including demonstrations and experimentation. Assignments will include regular reading and writing. Writing will require the applications of theory to one's own life experiences. This is an upper-level writing course for all participants.

Department: Clinical & Social Sciences in Psychology
Course: CSP 373
Title: Exploring Research in Social Psychology I
Cross-listed: PSY 373
Instructor: Elliot, A.
Restrictions: Permission of instructor required
Description: First-hand team experience with ongoing research in social psychology areas.

Department: Clinical & Social Sciences in Psychology
Course: CSP 375
Title: Advanced Topics: Relationships & Emotions
Cross-listed: PSY 375 (Formally CSP/PSY 396)
Instructor: Reis, H. **Class Size:** 16
Prerequisites: CSP/PSY 263
Description: This seminar course will cover theory and research in the social psychology of relationships and emotions. Among the topics to be covered are attraction, theories of social interaction, relationship maintenance processes, emotional expression in relationships, and emotion regulation. Class format will be discussion of published empirical studies and theories. Evaluation will be based on written assignments, class participation, and an oral presentation. Students who enroll for the course should have experience reading articles from the psychological literature. Please note that the content of this course is intended to build on CSP/PSY 263.

Department: Clinical & Social Sciences in Psychology
Course: CSP 377
Title: Exploring Research in Family Psychology I
Cross-listed: PSY 377
Instructor: Davies, P.
Restrictions: Permission of instructor required
Description: Provides guided, direct, research experiences in investigating the interplay between family relationships and children's social and emotional development. Emphasis is placed on gaining knowledge in translating theories (e.g., family systems theory) into empirically testable hypotheses and designing research methods and techniques to test predictions.

Department: Clinical & Social Sciences in Psychology
Course: CSP 383
Title: Moral Development
Cross-listed: PSY 383
Instructor: Smetana, J.
Prerequisites: CSP/PSY 271 Social & Emotional Development
Description: This seminar focuses on the psychological study of moral development. Different theoretical approaches to morality and related empirical research will be discussed. The primary focus is from a developmental psychology perspective, but philosophical and educational issues also will be considered.

Department: Clinical & Social Sciences in Psychology
Course: CSP 384
Title: Practicum in Developmental Disabilities
Cross-listed: PSY 384
Instructor: Bennetto, L.
Restrictions: Permission of instructor required
Description: Explores educational, therapeutic, and social challenges in developmental disabilities. Students will spend approximately 8 hours per week in a supervised educational or treatment setting as well as participate in weekly meetings to review and discuss general issues in the field.

Computer Science

Department: Computer Science
Course: CSC 108
Title: Introduction to Computers
Instructor: Horn, C.
Prerequisites: Not open to officially declared CSC Majors.
Description: A practical introduction to computing for students in the humanities, social sciences, and business. Topics to be covered include stand-alone applications (word processing, spreadsheets, databases); Internet tools (web browsers, e-mail, file transfer, web page creation); basic computer technology (how computers work, how they are programmed, what their limitations are); and broader social issues (technological trends, computer ethics, the impact of computing on society).

Department: Computer Science
Course: CSC 170
Title: Introductory Computer Programming
Instructor: Arnold, K. **Class Size:** 75
Prerequisites: none. Not open to officially declared CSC majors.
Description: The course is taught using the Javascript programming language and HTML, but emphasizes algorithmic thinking and creative problem solving over language specifics. Projects and exams are used to evaluate grades. Prospective majors lacking experience can take this course, possibly preceded even by CSC 108, in the freshman year, and begin the late-start B.A. in the fall of the sophomore year. This course also serves students who want to learn programming, but whose educational goals do not require the scope of coverage found in CSC 171.

Department: Computer Science
Course: CSC 171
Title: Computer Programming
Instructor: Pawlicki, T. **Class Size:** 75
Description: Discovering, formulating, and exploiting the structure of problems to aid in their solution by computer. An introduction to algorithmic problem solving and computer programming in JAVA. This is the first course in the pre-major sequence, intended for students with prior programming experience. No formal pre-requisites. Lab required.

Department: Computer Science
Course: CSC 173
Title: Computation & Formal Systems
Instructor: Brown, C. **Class Size:** 50
Prerequisites: CSC 172
Description: The conceptual and mathematical foundations of computer science and their application to advanced programming in Java and C/C++. Graph algorithms, finite automata and regular expressions; formal grammars and languages; propositional and predicate logic; introduction to switching circuit design via propositional logic.

Department: Computer Science
Course: CSC 190
Title: Issues in Computing: Recreational Graphics I
Instructor: Pawlicki, T.
Prerequisites: General prerequisite: none; CSC 170 Recommended for Recreational Graphics CSC 170 recommended.
Description: Special topics of current interest that vary by semester. See current semester description. This course is not taught on a regular basis. Fall 2007-Recreational Graphics I, II, III, IV (2.0 hours each) Practical, individual and team project based computer graphics centered on using the MAYA graphics framework and the MEL (Maya Embedded Language) programming. Topics will include 3D modeling, animation, and simulation. The purpose of this course is to provide a context for a learning community in computer graphics. Students will design and implement personal projects. The course will carry 2 credit hours per semester and is based on progress of the projects. The course has no pre-requisites and does not require programming experience. Recreational Graphics II requires Recreational Graphics I. Recreational Graphics III requires Recreational Graphics II. Recreational Graphics IV requires Recreational Graphics III.

Department: Computer Science
Course: CSC 217
Title: Uncertain Inference
Cross-listed: PHL 217, PHL 417, & CSC 417
Instructor: Kyburg, H. **Class Size:** 20
Prerequisites: PHL 110 or permission of instructor
Description: Please see PHL 217 for the course description.

Department: Computer Science
Course: CSC 244
Title: Logical Foundations of Artificial Intelligence
Cross-listed: CSC 444
Instructor: Schubert, L. **Class Size:** 30
Prerequisites: CSC 173 & CSC 242
Description: An introduction to the logical foundations of AI including first-order logic, search, knowledge representation, planning, and probability and decision theory. Meets jointly with CSC 444, a graduate-level course that requires additional readings and assignments.

Department: Computer Science
Course: CSC 248
Title: Statistical Speech and Language Processing
Cross-listed: CSC 448, BCS 233/533, LIN 248/448
Instructor: Allen, J. **Class Size:** 15
Prerequisites: CSC 172 & CSC 242
Description: An introduction to statistical natural language processing and automatic speech recognition techniques. This course presents the theory and practice behind the recently developed language processing technologies that enable applications such as speech-driven dictation systems, document search engines (e.g., finding web pages), and automatic machine translation. Meets jointly with CSC 448, a graduate-level course that requires additional readings and assignments. May not be offered every year.

Department: Computer Science
Course: CSC 254
Title: Programming Language Design & Implementation
Instructor: Scott, M. **Class Size:** 30
Prerequisites: CSC 173; CSC 252 recommended
Coursework: Course projects include assignments in several languages and the modification and enhancement of a working compiler.
Description: Design and implementation of programming languages, with an emphasis on imperative languages and on implementation tradeoffs. In-depth examination of "how programming languages work." Topics include fundamental language concepts (names, values, types, abstraction, control flow); compilation and interpretation (syntactic and semantic analysis, code generation and optimization); major language paradigms (imperative, object-oriented, functional, logic-based, concurrent).

Department: Computer Science
Course: CSC 256
Title: Operating Systems
Cross-listed: CSC 456
Instructor: Dwarkadas, S.
Prerequisites: CSC 252
Coursework: Course projects include the modification and enhancement of a small operating system.
Description: Principles of operating system design, explored within the practical context of traditional, embedded, distributed, and real-time operating systems. Topics include device management, process management, scheduling, synchronization principles, memory management and virtual memory, file management and remote files, protection and security, fault tolerance, networks, and distributed computing. Students taking this course at the 400 level will be required to complete additional readings and/or assignments.

Department: Computer Science
Course: CSC 257
Title: Computer Networks
Instructor: Shen, K. **Class Size:** 30
Prerequisites: CSC 252
Description: Architecture and Protocols: Introduction to computer networks and computer communication; Architecture and Protocols. Design of protocols for error recovery, reliable delivery, routing and congestion control. Store-and-forward networks, satellite networks, local area networks and locally distributed systems. Case studies of networks, protocols and protocol families. Emphasis on software design issues in computer communication.

Department: Computer Science
Course: CSC 282
Title: Design & Analysis of Efficient Algorithms
Instructor: Gildea, D. **Class Size:** 30
Prerequisites: CSC 172 & MTH 150.
Description: How does one design programs and ascertain their efficiency? Divide-and-conquer techniques, string processing, graph algorithms, mathematical algorithms. Advanced data structures such as balanced tree schemes. Introduction to NP-completeness and intractable combinatorial search, optimization, and decision problems.

Department: Computer Science
Course: CSC 286
Title: Computational Complexity
Cross-listed: CSC 486
Instructor: Hemaspaandra, L. **Class Size:** 10
Prerequisites: CSC 280; CSC 282 is co-requisite
Description: This course studies the difference between computable and uncomputable problems, and also, especially, studies the difference between feasible and infeasible problems. Regarding the latter pair, what properties of a problem make it computationally simple? What properties of a problem may preclude its having efficient algorithms? How computationally hard are problems? Complete sets and low information content; P=NP?; unambiguous computation, one-way functions, and cryptography; reductions relating the complexity of problems; complexity classes and hierarchies.

Department: Computer Science
Course: CSC 287
Title: Advanced Modes in Computation
Cross-listed: CSC 487
Instructor: Seiferas, J **Class Size:** 10
Prerequisites: CSC 286
Description: Advanced modes of computation such as probabilistic computation, counting-based computation, semi-feasible computation, nondeterminism, computation trees, and parallel access. Meets jointly with CSC 487, a graduate-level course that requires additional readings and assignments. May not be offered every year.

Department: Computer Science
Course: CSC 290
Title: Topics in Computer Science: Fall 2007 Electronic Commerce and Algorithmic Game T
Instructor: Stefankovic, D.
Prerequisites: Varies with topic. Fall 2007: MTH 150 or Calc II (MTH 143, 162 or 172), and CSC 171 or equivalent.
Description: This course covers special topics of current interest and usually differs each time it is offered. Possible topics include; building a robot; ; cryptography; computer graphics, e-commerce. Fall 2007: Electronic Commerce and Algorithmic Game Theory Theoretical foundations of electronic commerce. Topics covered include: games, computational aspects of nash equilibria, graphical games, networking-motivated games, computational aspects of market equilibria, mechanism design, combinatorial auctions, and cost sharing mechanisms.

Dance

Department: Dance
Course: DAN 102
Title: Fundamentals of Movement
Instructor: Smith, M. **Class Size:** 20
Description: This course will explore movement through the use of technique and improvisation. It emphasizes spontaneity, joy in moving, and self-awareness and is based on experiential anatomy and developmental movement patterns. It provides a strong foundation for further study in dance, theater, or sports, or can be used as an introduction to movement and body awareness. No previous dance training is required.

Department: Dance
Course: DAN 103
Title: Fundamentals of Movement II
Instructor: Smith, M. **Class Size:** 10
Description: A continuation of Dance 102.

Department: Dance
Course: DAN 114
Title: Introduction to Yoga
Instructor: McCausland, J. **Class Size:** 20
Restrictions: Not open to seniors
Description: This hatha yoga course offers each student an opportunity to open and strengthen the body, steady the mind and refresh the spirit. Students are taught universal principles of alignment and balanced action with an attitude of self-respect, acceptance and fun. Fundamentals of movement are woven among classical postures thereby providing a harmony of stillness with motion. Course requirements include home practice of asanas (poses), readings on hatha yoga and yogic philosophy, journaling, midterm exam, group presentation and attendance at specific dance events.

Department: Dance
Course: DAN 120
Title: Introduction to Aikido
Instructor: Lahue, J. **Class Size:** 18
Restrictions: Not open to seniors
Description: Aikido is a different kind of martial art. It doesn't rely on speed or strength, but on the development of a calm mind and a relaxed body. While the techniques you learn in Aikido are fascinating and effective, Aikido's real secret is this strong, dependable mind/body state. You will learn how to throw attackers effectively and almost effortlessly and how to fall safely. Aikido helps you to know yourself, to understand the natural rhythms of the human body, and to harness the true power of your mind and body for school, sports, dance, and all aspects of your life.

Department: Dance
Course: DAN 180
Title: Creative Middle Eastern Dance
Instructor: Scott, K. **Class Size:** 20
Description: Unveil the grace and beauty residing in the creative nature of Middle Eastern Dance. Improve strength, flexibility and self awareness of the body. Class work will include meditative movement, dance technique, improvisation and rhythm identification through music and drumming. Specific dance forms such as Egyptian & Turkish Oriental, Tunisian, American Tribal and Folkloric/Bedouin styles of North Africa will be taught. Discourse and research topics will explore issues of gender, body image, historical perspectives and Orientalism.

Department: Dance
Course: DAN 202
Title: Contact Improvisation
Instructor: Pigno, N. **Class Size:** 12
Description: Contact improvisation is rooted in dance, the martial arts and studies of body development and awareness. It is a duet form where partners use weight, momentum, and inertia to move each other freely through space, finding support through skeletal structure rather than muscular effort. We will explore solo and duet skills such as rolling, falling, balance, counter-balance, jumping, weight sharing, spirals, and attuning to sensory input. Skill work will be combined with more open dancing in a supportive and focused environment. No previous dance training required.

Department: Dance
Course: DAN 203
Title: Contact Improvisation II
Instructor: Pigno, N. **Class Size:** 10
Description: A continuation of DAN 202 that is taught concurrently with the introductory course. Students in DAN 203 will gain a deeper experiential and intellectual knowledge of contact by exploring issues further. Work includes both more advanced practice with other DAN 203 students, and the experience of helping teach the DAN 202 students the basic principles of contact.

Department: Dance
Course: DAN 204
Title: Contact Improvisation and Culture
Instructor: Pigno, N. **Class Size:** 10
Description: This course includes the studio work of the 2 credit contact improvisation course, and readings and written assignments that use ideas from contact improvisation to explore cultural issues.

Department: Dance
Course: DAN 205
Title: An On-Screen Tour of Dance
Instructor: Martino, K. **Class Size:** 18
Description: In this course students will embark on an international journey through dance traditions and time, examining dance as a fundamental expression of human existence, identity, and culture. Coursework will include attending a series of lecture/discussions and eight screenings. The screening series will feature a diverse selection of innovative and award-winning dance films and videos from recent Dance on Camera festivals. Additional coursework will include readings, viewing assignments, short writing assignments, and two essay papers (5 - 7 pages in length). Open to all students.

Department: Dance
Course: DAN 208
Title: T'ai Chi and Chinese Thought
Instructor: Loughridge, R. **Class Size:** 18
Description: A study of Taijiquan, (also known as T'ai Chi Ch'uan or Tai Chi), a traditional Chinese martial art, and its intimate relationship to the cosmological, physiological, and philosophical conceptions found in the culture and thought from which it emerged. The course investigates both the traditional Chinese philosophy and movement aspects of Tai Chi in order to better understand the integration of human body, mind, and spirit. Additionally, this course examines the areas of internal energy, time, space, body awareness, breathing, the mechanics and psychology of martial arts, and the relationship with Qi Gong. The Simplified 24-Step Taijiquan (Ershisi Shi Taijiquan) is learned, along with the foundation skills of the Eight Methods or Energies (Ba Fa), Reeling Silk (Chan Si Gong), Pushing Hands (Tui Shou), and Standing Pole meditation (Zhan Zhuang).

Department: Dance
Course: DAN 209
Title: Qi Gong and Chinese Thought
Instructor: Loughridge, R. **Class Size:** 18
Description: Qi Gong is a traditional Chinese internal art and an early forerunner of Tai Chi Ch'uan consisting of the practice or Gong, of sets of energy, Qi, exercises to build outer and inner strength. It is a self-healing modality designed to balance and harmonize the energy flow of the body, improve breathing and relax the mind for health, fitness, and longevity. This course is a study of both the philosophical and the movement aspects of Qi Gong in order to better understand and to attain the integration of body, mind, and spirit. Topics will include traditional Chinese cultural concepts such as Yin-Yang theory, Five Element theory, Qi theory, and methods utilizing relaxation, posture, meditation, concentration, movement, and breathing."

Department: Dance
Course: DAN 214
Title: Community, Earth & Body
Instructor: Hook, J. **Class Size:** 12
Description: What is a sustainable community? How does our relationship with our body affect the way we interact with the world? What does it mean to be truly human and to renew and deepen communication with our natural world and society? What is transformative learning? These questions and others will be addressed through experiential practice, journal writing, reading and discussion of contemporary writers, and time spent in meditation/reflection

Department: Dance
Course: DAN 270
Title: Capoeira: Brazilian Art Movement
Instructor: Russell, T. **Class Size:** 20
Description: An art form of self-defense with strong aerobic and dance elements that brings together a harmony of forces. Through the study of the history, movements and culture behind Capoeira students will gain self-confidence, power, flexibility, endurance, and ultimately the tools towards self-discovery. Capoeira is within the reach of anyone regardless of age, sex, or athletic experience. In keeping with its strong traditions, Capoeira balances the body, mind, and soul and enables one to break through limits, revitalizing oneself for everyday life.

Department: Dance
Course: DAN 280
Title: West African Dance
Instructor: Martino, K. **Class Size:** 20
Description: The objective of the course is to give students an experience in West African dance. We will both dance and research the historical development of performing and cultural arts in post-colonial Ghana and Guinea. These cultural practices stem from a rich history pertaining to environment, identity, and cross-cultural perspectives. Aesthetic qualities of African Dance will be explored through video, readings, and performance. This course will culminate in a final departmental showing that will be choreographed during class.

Department: Dance
Course: DAN 340C
Title: Topics in Dance: Cross-Patterning & Bodywork
Instructor: Holland, J. **Class Size:** 18
Description: This class explores a wide range of parallels to be found among ancient movement and healing practices from the Orient and Africa. Specifically, the Chinese martial arts of Kung Fu and T'ai Chi, Indian yogic practice, west african dance movements and bodywork techniques from a variety of sources will be explored. Each class will provide an integrated exercise session consisting of: warm up stretches, martial arts and afro-aerobic dance sequences, a cool down section focusing on bodywork techniques and a brief meditation. Students can thus expect the class to present a holistic exercise experience that emphasizes root symmetries that underlie many ancient and contemporary physical arts.

Department: Dance
Course: DAN 342
Title: Creative Improvisation Through World Percussion
Instructor: Holland, J. **Class Size:** 18
Description: Explores improvisation as a process and vehicle for personal expression while investigating some of the rhythms and musics of the world through hands-on performance, guided listening, games and video presentations. The course will include an introduction to drumming techniques with an emphasis on West African and Afro-Cuban percussion traditions. Following the spirit of these traditions, which celebrate community over individualism, practical facility with drumming language will be emphasized as a key to improvisation.

Earth & Environmental Sciences

Department: Earth and Environmental Sciences
Course: EES 101
Title: Introduction to Physical Geology
Instructor: Garziona, C.
Exams: two 1 hour exams, one final exam
Coursework: Voluntary 2-day field trip to the Adirondack Mountains and local field trips are available for course participants.
Description: This introductory geology class provides a broad overview of the Earth Sciences, from planetary evolution to the interplay of geology and climate. The course is a prerequisite for all undergraduate majors who are considering careers in the Earth and Environmental Sciences, while also satisfying science requirements for other undergraduate majors. A basic introduction to geological processes is supplemented with an emphasis on marine geology and plate tectonics. A voluntary field trip to the Adirondack Mountains and other field opportunities are available for course participants. The course also aims to provide students with a geological background with which they can better evaluate current environmental issues, including potential global warming.

Department: Earth and Environmental Sciences
Course: EES 106
Title: Meteorites and Impact Craters
Instructor: Basu, A. **Class Size:** 30
Description: An introduction to the geology of the solar system from the perspectives of the earth sciences and the fascinating world of meteorites, asteroids, comets and impact craters. Special emphasis will be on the meteorite evidence for our understanding of planetary formation, role of impacts and mass extinctions, and the origin of the moon.

Department: Earth & Environmental Sciences
Course: EES 206
Title: Petrology and Geochemistry
Cross-listed: EES 406
Instructor: Basu, A. **Class Size:** 40
Prerequisites: EES 101
Exams: Three 1-hour exams, 2 laboratory exams, plus quizzes
Description: Distribution, description, classification, and origin of igneous and metamorphic rocks in the light of theoretical- experimental multicomponent phase equilibria studies; use of trace elements and isotopes as tracers in rock genesis; hand specimen and microscopic examinations of the major rock types in the laboratory

Department: Earth & Environmental Sciences
Course: EES 206W
Title: Petrology and Geochemistry-Upper Level Writing Requirement
Instructor: Basu, A.
Description: See EES 206 and EES Departmental Writing Plan. This section fulfills the upper level writing requirement.

Department: Earth & Environmental Sciences
Course: EES 208
Title: Structural Geology
Instructor: Mitra, G. **Class Size:** 25
Prerequisites: EES 101, EES 201 or permission.
Exams: Three class exams, lab final exam, optional final exam in lecture parts
Coursework: Weekly laboratory lectures and assignments. Also a one-day (weekend) field trip during the semester.
Description: Recognition and interpretation of geologic structures. Topics include geometric analysis of faults, folds, joints, and rock fabrics; an introduction to stress analysis, theories of brittle failure, finite strain analysis, ductile deformation, application to geotectonics. Laboratory work concerned with structural analysis.

Department: Earth & Environmental Sciences
Course: EES 215
Title: Environmental Geophysics
Instructor: Fehn, U. **Class Size:** 20
Prerequisites: EES 101, MTH 141
Exams: Two exams and a final exam.
Coursework: Weekly homework sets.
Description: Physical processes at the surface of the Earth. Sources of energy: Solar energy; radioactive heat generation; heat conduction and convection. Dynamics of the crust: Earthquakes and propagation of seismic waves; plate tectonics. Movement of fluids in the oceans, rivers and crust; physics of atmospheric movements. Influence of human activities on physical processes at surface of the earth.

Department: Earth & Environmental Sciences
Course: EES 218
Title: The Chemistry of Global Change
Cross-listed: EES 418
Instructor: Poreda, R.
Prerequisites: Required: CHM 131 and 132 or 151 and 152 or equivalent; MTH 162 or equivalent. Recommended: EES 101 and 103; MTH 163.
Coursework: Weekly reading and writing assignments and semi-weekly problem sets; midterm; final exam or term paper.
Description: A quantitative survey of the processes controlling environmental conditions at the Earth's surface today, how they have changed with time, and how they are expected to change in the future. The course emphasizes the chemical composition of the atmosphere and oceans, and the chemical, biological and geological processes which affect this composition. Specific topics include: Greenhouse gases and global warming; photochemistry and stratospheric ozone; geochemical cycles and feedbacks; the effects of human activities; and the methods used to study the chemical evolution of the atmosphere and oceans through time.

Department: Earth & Environmental Sciences
Course: EES 218W
Title: The Chemistry of Global Change-Upper Level Writing Requirement
Instructor: Poreda, R.
Prerequisites: See EES 218
Description: See EES 218 and EES Departmental Writing Plan. This section fulfills the upper level writing requirement.

Department: Earth and Environmental Sciences
Course: EES 253
Title: Geodynamics
Instructor: Ebinger, C. **Class Size:** 20
Prerequisites: EES 201 or permission of instructor
Description: Processes that create and modify Earth and the terrestrial planets will be examined using an 'earth engineering' approach. Emphasis will be placed on plate tectonics, with discussion of current research in mantle convection. The final third of the course will focus on active plate tectonic boundaries, and evidence for plate tectonics on Mars and Venus.

Department: Earth and Environmental Sciences
Course: EES 253W
Title: Geodynamics
Instructor: Ebinger, C. **Class Size:** 20
Prerequisites: EES 201 or permission of instructor
Description: Please see EES 253 for the course description.

Department: Earth and Environmental Sciences
Course: EES 256
Title: Paleomagnetism and Global Plate Tectonics
Instructor: Cottrell, R. **Class Size:** 60
Prerequisites: EES 101
Restriction: Permission of instructor required
Description: The basic paleomagnetic methods used to determine absolute plate motions will be reviewed. Applications will include the potential cause and effect relationship between changes in absolute plate motions, mantle plume volcanism, orogeny and climate change.

Department: Earth and Environmental Sciences
Course: EES 256W
Title: Paleomagnetism and Global Plate Tectonics
Instructor: Cottrell, R. **Class Size:** 60
Prerequisites: EES 101
Restriction: Permission of instructor required
Description: Please see EES 256 for the course description.

Department: Earth and Environmental Sciences
Course: EES 283
Title: Sedimentary Basin Analysis
Cross-listed: EES 483
Instructor: Garzzone, C. **Class Size:** 15
Description: By determining how sedimentary basins develop and fill, we will better understand the tectonic and eustatic controls on subsidence and surficial processes. Basin classification schemes, flexural and thermal subsidence, isostasy, sequence stratigraphy, and techniques used to characterize sedimentary basin evolution will be discussed.

Department: Earth & Environmental Sciences
Course: EES 283W
Title: Sedimentary Basin Analysis-Upper Level Writing Requirement
Instructor: C. Garzzone
Prerequisites: See EES 283
Description: See EES 283 and EES Departmental Writing Plan. This section fulfills the upper level writing requirement.

Department: Earth & Environmental Sciences
Course: EES 299
Title: Field Geology
Instructor: Tarduno, J.
Prerequisites: permission of instructor
Description: This course covers the essential geologic and geophysical approaches to field stratigraphy, mapping and structural interpretation. The coursework is based on observations made during a substantial field excursion (usually 6 weeks long). Additional credit may be earned by laboratory analyses of samples collected during the field excursion.

Department: Earth & Environmental Sciences
Course: EES 299W
Title: Field Geology-Upper Level Writing Requirement
Prerequisites: See EES 299
Description: See EES 299 and EES Departmental Writing Plan. This section fulfills the upper level writing requirement.

Department: Earth & Environmental Sciences
Course: EES 390
Title: Supervised College Teaching
Cross-listed: EES 490
Instructor: Any Full-time Faculty Member within Department
Restrictions: Permission of instructor required
Description: Attendance of all primary class lectures. Assist in at least one laboratory session per week and general preparation for answering student questions. Preparation and delivery of at least one laboratory lecture and summary discussion following that lab. Assistance with the setup and dismantling of extensive lab displays of rocks, fossils and maps. Assistance with grading of lab quizzes and homework assignments, and in proctoring exams.

Department: Earth & Environmental Sciences
Course: EES 391
Title: Independent Study in Earth and Environmental Sciences
Restrictions: Permission of instructor required
Description: Students must have permission. Interested students should meet with their advisor, and/or Udo Fehn regarding course content.

Department: Earth & Environmental Sciences
Course: EES 391W
Title: Independent Study in Earth and Environmental Sciences-Upper Level Writing Requirement
Prerequisites: See EES 391
Restrictions: Permission of instructor required
Description: See EES 391 and EES Departmental Writing Plan. This section fulfills the upper level writing requirement.

Department: Earth & Environmental Sciences
Course: EES 393
Title: Senior Thesis
Restrictions: Permission of instructor required
Description: Students should seek out the faculty member he/she wishes to do a senior thesis with. Students should pick-up independent course forms from Lattimore 312. Course is suited to each student's abilities. Questions should be directed to your major advisor.

Department: Earth & Environmental Sciences
Course: EES 393W
Title: Senior Thesis-Upper Level Writing Requirement
Prerequisites: See EES 393
Restrictions: Permission of instructor required
Description: See EES 393 and EES Departmental Writing Plan. This section fulfills the upper level writing requirement.

Department: Earth & Environmental Sciences
Course: EES 394
Title: Internship in Earth and Environmental Sciences
Restrictions: Permission of instructor required
Description: Students should contact their major advisor for details. Closure course for Environmental Studies majors (ESP) and Environmental Science majors (EVS).

Department: Earth and Environmental Sciences
Course: EES 406
Title: Petrology and Geochemistry
Cross-listed: EES 206
Instructor: Basu, A.
Prerequisites: EES 101
Description: Please see EES 206 for the course description.

Department: Earth and Environmental Sciences
Course: EES 418
Title: The Chemistry of Global Change
Cross-listed: EES 218
Instructor: Poreda, R.
Prerequisites: Required: CHM 131 and 132 or 151 and 152 or equivalent; MTH 162 or equivalent. Recommended: EES 101 and 103; MTH 163.
Restrictions: Permission of instructor required for undergraduates
Description: Please see EES 218 for the course description.

Department: Earth and Environmental Sciences
Course: EES 483
Title: Sedimentary Basin Analysis
Instructor: Garziona, C. **Class Size:** 15
Description: By determining how sedimentary basins develop and fill, we will better understand the tectonic and eustatic controls on subsidence and surficial processes. Basin classification schemes, flexural and thermal subsidence, isostasy, sequence stratigraphy, and techniques used to characterize sedimentary basin evolution will be discussed.

Economics

Department: Economics
Course: ECO 108
Title: Principles of Economics
Instructor: Landsburg, S. **Class Size:** 300
Description: This course gives an overview of economics and provides a foundation for studying further in economics. We model how individuals make economic choices, e.g., what to buy, how much to work, how much to save, what occupation to pursue, how many children to have, etc. Secondly, we examine how all these individual choices come together. In particular, how does a market-oriented economy coordinate all these individual choices. The course explains the market forces of supply and demand and how they determine a good's price, who produces it, how it is produced, and who gets the good. We examine the role of international trade and the impact of government involvement in markets, such as imposing rent controls, taxing cigarettes, or outlawing child labor. We examine how markets deal with monopoly power or producers polluting; and we examine the ability of government intervention to lessen or worsen these problems. We see how a market economy rewards persons, how it can generate wealth and poverty, and study the outcome of government welfare policies. We also introduce a number of important issues in macroeconomics. These include the sources of economic growth and the impact of government spending, taxing, and borrowing on the performance of the aggregate economy. Eco 108 is preparation for subsequent economics courses. Completion of (or concurrent enrollment in) a course in calculus is very strongly recommended.

Department: Economics
Course: ECO 192Q
Title: Population Growth: An Economic Perspective
Instructor: Oi, W. **Class Size:** 30
Description: The decision to procreate and to allocate resources to future generations is surely an economic issue. This course examines the questions raised by biologists, demographers, and economists on the causes and consequences of population growth. Students will be asked to read the relevant literature on population growth, and be asked to examine the available evidence on the causes of growth and the relationship of population growth to economic welfare. Students will learn that the answer to the question of "How many people can the earth support?" involves much more than the answers provided by Malthus or Paul Ehrlich in "The Population Bomb".

Department: Economics
Course: ECO 207
Title: Intermediate Microeconomics
Instructor: Landsburg, S. **Class Size:** 100
Prerequisites: ECO 108 highly recommended
Description: This course develops the basic tools of microeconomics: supply and demand, indifference curves and budget lines of the consumer, and firm cost curves.

Department: Economics
Course: ECO 209
Title: Intermediate Macroeconomics
Instructor: Hawkins, W. **Class Size:** 125
Prerequisites: ECO 207
Exams: 2 Midterms, 1 Final
Description: ECO 209 is an intermediate course in macroeconomics. The course analyzes basic models of income determination which attempt to explain how the price level, the interest rate and the level of output and employment are determined. Monetary and fiscal policies are discussed within the framework of these models, and competing theories are compared.

Department: Economics
Course: ECO 209H
Title: Honors Intermediate Macroeconomics
Instructor: Abraham, A. **Class Size:** 25
Prerequisites: Calculus, ECO 207
Exams: 1 midterm, 1 final
Description: Economic growth and business cycles are studied using formal models. Significant attention is also paid to economic data and the macroeconomic policy debate. In comparison to ECO 209, ECO 209H has more emphasis on analytical rigor.

Department: Economics
Course: ECO 223
Title: Labor Economics
Cross-listed: ECO 223W **Class Size:** 20
Prerequisites: ECO 207 required; Calculus required
Exams: 2 Midterms, 1 Final
Description: This course applies economic theory to understand the way in which real wages, employment, and working conditions are jointly determined by the forces of market demand and supply. After a brief introductory preview, attention is directed to the demand for labor services. The formal analysis is organized around ten topics. Selected readings which will be assigned will be put on reserve.

Department: Economics
Course: ECO 230
Title: Economic Statistics
Instructor: Students should have taken or currently be taking Math 141 or higher. **Class Size:** 100
Exams: midterms, final
Description: This course is an introduction to the probability and statistical theory underlying the estimation of parameters and testing of hypotheses in economics. Linear correlation and simple regression analysis are also introduced. Students will use computers to analyze economic data.

English

Department: Economics
Course: ECO 231W
Title: Econometrics
Prerequisites: ECO 207; ECO 230 or STT 213 or MTH 203
Description: This course covers the single and multiple linear regression model, the associated distribution theory, and testing procedures; specification errors; multicollinearity; corrections for heteroscedasticity and serial correlation; simultaneous equations; measurement error, dummy variables, discrete choice models; and other extensions as time permits. Students also apply techniques to a variety of data sets using computers. Applications of these techniques to various economic fields are emphasized.

Class Size: 70

Department: Economics
Course: ECO 252
Title: Economies & Societies of Latin America
Cross-listed: AAS 252/HIS 203
Instructor: Inikori, J.
Description: Provides an historical explanation for the general problem of material poverty and the socio-political crises that characterize contemporary Latin American and the Caribbean.

Class Size: 30

Department: Economics
Course: ECO 253
Title: Economic and Social Conditions of African-Americans in the 20th Century
Cross-listed: HIS 255, AAS 253
Instructor: Engerman, S., Wolkoff, M.
Prerequisites: ECO 108
Description: Study of selected topics concerning the conditions of African-Americans in the United States during the 20th century. Topics include education, incomes, housing, family patterns, etc.

Department: Economics
Course: ECO 265
Title: Law and Economics
Cross-listed: ECO 265W
Instructor: Oi, W.
Prerequisites: ECO 207
Description: Topics will be selected from: the law and economics of property rights, contracts, product liability, torts and civil procedure, crimes and criminal procedure, government regulation of economic activity, economic analysis of choice under uncertainty and of alternative legal rules and legal systems, common law and constitutional protections of economic rights, and justice versus economic efficiency as the goal of law. In each area, the course will cover the history and development of law, including the economic arguments used by judges in interpreting law. The course will then use economic theory to examine the operation of the law. Both substantive law (such as constitutional provisions limiting the government's right to interfere with private contracts, or laws on capital punishment) and procedural law (such as the exclusionary rule limiting admissible evidence, or rules on class action suits) will be subjected to analysis. ECO 265(W) section counts for upper level writing requirement.

Class Size: 50

Department: Economics
Course: ECO 269
Title: International Economics
Cross-listed: ECO 269W
Instructor: Jones, R.
Prerequisites: ECO 207
Description: Topics: (1) Determinants of trade patterns, and consequences of trade on income distribution, (2) Tariffs and commercial policy in competitive and non-competitive markets, (3) Growth and direct investment, (4) International mobility of labor and capital.

Class Size: 50

Department: Economics
Course: ECO 288
Title: Introduction to Game Theory
Cross-listed: PSC 288
Instructor: Kalandrakis, A.
Prerequisites: ECO 207
Description: Please see PSC 288 for the course description.

Department: English
Course: ENG 101
Title: Maximum English
Instructor: Eaves, M
Description: Fall 2007. "English" is a little word for lots of things. Is it literature you want today, or creative writing? film? theater? journalism? debate? Maximum English introduces you to all these areas and to our unique resources for studying and enjoying them--the full range of "English" here at UR. So you'll learn the fundamentals of reading and viewing from the department's own creative writers, its literary and film critics and historians, and its theater directors. You'll enlarge the experience of reading literature and criticism by listening to writers read their own original work and then discussing it with them. You'll experience plays not only as written scripts but as living theatrical events by attending performances and talking to actors, directors, and designers about what they do to bring a play to the stage. You'll encounter works in different media, from the live human voice to printed books, from the stage to film and electronic hypermedia. Maximum English will launch you into real English--the new expanded version. Applicable English Clusters: Modern and Contemporary Literature; Novels; Plays, Playwrights, and Theater; Poems, Poetry, and Poetics.

Class Size: 40

Department: English
Course: ENG 111
Title: Introduction to Shakespeare
Instructor: Kegl, R
Description: Fall 2007. In this course we will examine Shakespearean plays and poems that represent characters "growing up," or making a transition from girlhood to womanhood or from boyhood to manhood (or, in some cases, from girlhood to boyhood to womanhood!). We will begin with Hamlet, and go on to As You Like It, Romeo and Juliet, selected sonnets, A Midsummer Night's Dream, Henry IV, pt. 1, Henry IV, pt. 2, Henry V, and The Winter's Tale. As we explore representations of youth and adulthood in these texts we will pay careful attention to the historical contexts for Shakespeare's writing, so that you will learn both how to read Elizabethan dramatic poetry and also how to think about human experiences, including your own, in terms of the cultural circumstances that determine and enable those experiences. Applicable English Clusters: Plays, Playwrights, and Theater; Great Books, Great Authors.

Department: English
Course: ENG 113
Title: British Literature I
Instructor: Mannheim, K
Description: Fall 2007. This course immerses students in the most challenging, influential, and engaging writings from the earlier periods of English literature. Our aim will be to enjoy and understand these writings in themselves, and then to see their relation to each other and to their larger historical context. Students should leave the course with some real affection for particular writings, and some assured sense of the contours and highlights of cultural history. Our emphasis will be on the careful appreciation of language and texture in representative texts and authors (including Chaucer, Spenser, Shakespeare, Donne, Jonson, Milton, Dryden, Swift, Pope and their contemporaries). Class will proceed by lecture and discussion. Applicable English Cluster: Great Books, Great Authors

Department: English
Course: ENG 115
Title: American Literature
Instructor: Li, S
Description: Fall 2007. This course provides a basic introduction to some of the major works and themes in American literature, focusing primarily on the development of the novel and essay with some attention to poetry and drama. We will begin in the 19th century and work our way through such contemporary writers as Toni Morrison and Tony Kushner. Our focus will be on the creation of a national identity and how issues of race, gender, class and sexuality intersect with the formation of an American literary tradition. Students will trace a number of important themes such as the relationship between politics and art, the impact of slavery and the Civil War, immigration, the American dream and the development of a national mythology. In our study of various movements in the American literary tradition, we will also pay close attention to the intellectual debates concerning audience, language, and the purpose of art that have shaped key texts and historical time periods. Lectures will provide social and cultural background to the literary works discussed in class. Applicable English Cluster - American and African American Studies.

Department: English
Course: ENG 117
Title: Introduction to the Art of Film
Cross-listed: AH 136, FMS 132
Instructor: Middleton, J
Description: Fall 2007. As an introduction to the art of film, this course will present the concepts of film form, film aesthetics, and film style, while remaining attentive to the various ways in which cinema also involves an interaction with audiences and larger social structures. Applicable English Cluster: Media, Culture, and Communication.

Department: English
Course: ENG 121
Title: Creative Writing - Fiction
Instructor: Scott, J
Restrictions: Permission of instructor required
Description: Fall 2007. This class will be structured as a writing workshop, with students sharing their own fiction and participating in critiques. We will read and discuss stories from the nineteenth and twentieth centuries by influential writers, including Poe, Melville, Chekhov, Flaubert, Dinesen, Faulkner, Baldwin, Angela Carter, and Welty. Students will have the chance to experiment with different styles and structures as they learn about literary invention. We'll consider techniques for shaping fictional characters and the related issue of point of view, the possibilities of narrative design, the role of setting and description, and the process of revision. Permission of instructor required. Applicable English Cluster: Creative Writing; Novels. **Class Size:** 15

Department: English
Course: ENG 122
Title: Creative Writing - Poetry
Instructor: Longenbach, J
Restrictions: Permission of instructor required
Description: Fall 2007. This is an introductory course for students who have already begun to write some poetry on their own. Every week students' poems will be discussed in a workshop format. Selected works by contemporary poets (such as Plath, Walcott, Ginsberg, Ashbery, Rich, Heaney, and others) will provide an essential background for examining various approaches and techniques. Specific or "open" assignments will be given weekly. Permission of instructor required. Please submit 3-5 poems to the instructor, preferably before the first class, since space is limited. Applicable English Clusters: Poems, Poetry, and Poetics; Creative Writing. **Class Size:** 15

Department: English
Course: ENG 123
Title: Play Writing
Instructor: Cortinas, J
Description: Fall 2007. A course devoted to the understanding and execution of dramatic writing that is unique to the theatre. Students will analyze and discuss selected readings while writing an original one-act play to be completed by the end of the semester. Meets during one half of the semester only. Contact the Theatre Program at 275-4959 for details. Applicable English Cluster: Creative Writing. **Class Size:** 15

Department: English
Course: ENG 131
Title: Reporting and Writing the News
Instructor: Memmott, J
Restrictions: Permission of instructor required
Coursework: Weekly quizzes
Description: Fall 2007. Reporting and Writing the News introduces the student to journalistic writing and reporting techniques. Through a variety of classroom exercises, seven major writing assignments and a term paper, students learn to prepare accurate, balanced, complete coverage of a news topic. Students progress from single-source interviewing to news profiles, speech coverage, meetings, more complex formats, and finally, news analysis. Additional writing experience is gained through rewriting assignments, as directed by detailed editing comment. From lecture, textbooks, reading daily and periodical newspapers, the students learn to identify newsworthy topics and to develop appropriate interview techniques to produce clear, objective reports under specific deadlines. Applicable English Cluster: Media, Culture, and Communication. **Class Size:** 20

Department: English
Course: ENG 134
Title: Public Speaking
Instructor: Smith, C
Coursework: English 134 contains two quizzes, a final exam, and four speeches to be given by the student. Speeches include a tribute, persuasive, explanatory, and problem solving address. A number of impromptu addresses will also be given.
Description: Fall 2007. Basic public speaking is the focus of this course. Emphasis is placed on researching speeches, using appropriate language and delivery, and listening critically to oral presentations. English 134 contains two quizzes, a final exam, and four speeches to be given by the student. The speeches include a tribute, persuasive, explanatory, and problem solving address. Applicable English Cluster: Media, Culture, and Communication. **Class Size:** 20

Department: English
Course: ENG 135
Title: Debate
Instructor: Johnson, K
Description: Fall 2007. The purpose of this course is to give students an appreciation for and knowledge of critical thinking and reasoned decision-making through argumentation. Students will research both sides of a topic, write argument briefs, and participate in formal and informal debates. Students will also be exposed to the major paradigms used in judging debates. Applicable English Cluster: Media, Culture, and Communication. **Class Size:** 15

Department: English
Course: ENG 170
Title: Technical Theater
Instructor: Rice, G
Description: Fall 2007. An introduction to Technical Theatre and Theatre Technology: its materials, techniques and equipment. Focuses on the principles and practice of set construction; the nature and use of electricity; lighting and sound equipment; tools; production organization and management; and the importance of safety in all areas. Course will include both lecture and significant hands-on experience. Practical laboratory work in association with the productions of the International Theatre Program is included. **Class Size:** 15

Department: English
Course: ENG 172
Title: Intro to Stage Lighting & Sound
Instructor: Rice, G
Description: Fall 2007. An introductory/intermediate course on the materials, techniques and equipment involved in Sound and Lighting as used in theatrical applications. Focuses on the principals and practices of implementation and design. Safety practices will be taught. Course will include lecture, one-on-one tutorials, and hands-on practical laboratory work in association with a production of the International Theatre Program. **Class Size:** 15

Department: English
Course: ENG 174
Title: Acting Techniques
Description: **Class Size:** 15
Fall 2007. Acting Techniques focuses on the students ability to analyze texts from a performers viewpoint, on heightening the actors sensitivity to language, on developing the actors physical and vocal technique, on building awareness of character and characterization, and on engaging and actively developing creativity and imagination. This is done by constant investigation, rehearsal, and presentation of assorted texts ranging from poetry to contemporary and classical scenes and monologues. No prior acting experience or classwork is required.

Department: English
Course: ENG 176
Title: Voice and Movement for the Actor
Description: **Class Size:** 15
Fall 2007. This course is aimed at helping student performers explore the full range and expressiveness of their speaking voice, explore the relationship between text and vocal expression, expand their movement ranges, while learning a descriptive system for understanding movement and meaning, and analyze their own movement profiles as actors, creating characters through clear movement choices, and embodying these characters fully.

Department: English
Course: ENG 180
Title: Directing
Instructor: Maister, N
Description: **Class Size:** 15
Fall 2007. This is an introductory course focusing on directing for the theatre. The class will guide students through the directing process: from textual interpretation and production conceptualization, through staging and visualization, to working with actors.

Department: English
Course: ENG 201
Title: Old English Literature
Cross-listed: ENG 401
Instructor: Higley, S
Description: Fall 2007. "To men I shall speak wisdom where none speak a word on earth; though sons of land-dwellers now eagerly seek after my tracks, I sometimes hide my path from everyone." Riddle 94 of the Exeter Book. In following the dark tracks of the Old English writers who left their almost unrecognizable English words on tenth-century vellum, we will have to acquire skills and tools. This course will ask you to learn the Old English language, but translations will also be provided for most of the texts as a guide only. With these in hand, we will explore the dark world of Anglo-Saxon writing for its illuminations, but our emphasis will be on loss, love, hardship, riddle, wisdom, and the spiritual and magical powers of writing in a culture that stood on the cusp of orality and literacy. Texts: King Alfred, The Chronicles, Aelfric's "Preface to Genesis," The Wanderer, The Seafarer, the Wife's Lament, Wulf and Eadwacer, Gnomes, Enigmas, The Battle of Maldon. Applicable English Cluster: Medieval Studies. Fulfills the pre-1800 requirement for the major.

Department: English
Course: ENG 206
Title: Dante's Divine Comedy I
Cross-listed: IT 196Q/221; CLT 117Q/253D; REL 198Q/286
Instructor: Stocchi-Perucchio
Description: Fall 2007. See course description for IT196Q. Fulfills the pre-1800 requirement for the English major.

Department: English
Course: ENG 208
Title: Elizabethan and Jacobean Drama
Instructor: Kegl, R
Description: Fall 2007. This course focuses on drama written by Shakespeare's contemporaries. Classes center around careful study of individual plays. We consider, among other topics, the playwrights' emphases on their characters' psychological interiority, their staging of funeral pageants and madness, their use of props, their fascination with sensational and often violent events, their interest in memory, and their insistent references to contemporary performance practices (including the Renaissance tradition of boy actors playing women's roles). We also become familiar with descriptions of sixteenth- and early seventeenth-century theatrical spaces-- their geographical location and physical properties, the composition of their audiences, the training and performance practices of their actors, and the aesthetic, economic, and political contexts of their productions. And we sort through the plays' depiction of the proper relations between ruler and subject, husband and wife, parents and children, and European and non-European characters. Readings include plays by Beaumont and Fletcher, Cary, Dekker, Ford, Jonson, Kyd, Marlowe, Middleton, Shakespeare, and Webster. Fulfills the pre-1800 requirement for the English major. Applicable English Cluster: Plays, Playwrights, and Theater.

Department: English
Course: ENG 213
Title: Metaphysical Poetry
Cross-listed: ENG 413
Description: Fall 2007. This course will study the 17th-century lyric poetry that combines the carnal and the transcendent in a manner sometimes called "metaphysical." We will discuss the historical and intellectual contexts of these poems as well as their formal and figural properties; the majority of class time will be spent on close reading. Poets will include Donne, Herbert, Crashaw, Vaughn, Traherne, and Marvell. Course requirements: a short mid-term, a non-cumulative final, and two 5-page papers. Fulfills the pre-1800 requirement for the English major.

Department: English
Course: ENG 218
Title: Early American Literature
Cross-listed: ENG 418
Instructor: Shuffelton, E
Coursework: There will be one or two short papers, a long term paper, and perhaps, an in-class presentation.
Description: Fall 2007. This course will discuss writings about America and American experience from the end of the renaissance to the beginnings of the romantic period. We will focus on representative whole texts rather than anthology selections, and we will discuss themes such as the representation of religious experience in the new world, wilderness, captivity, encountering ethnic others (native Americans and Africans, mostly) rational landscapes and irrational (or criminal) agents. We will read a selection of poets, explorers and travel writers, Indian captives, autobiographers, and novelists.

Department: English
Course: ENG 227
Title: American Moderns
Cross-listed: ENG 427
Instructor: Grella, G
Restrictions: Not open to freshmen
Description: Fall 2007. The course covers the period roughly between World War I and World War II, dealing with the rich creativity we associate with Modernism. We will read and discuss such writers as Eliot, Faulkner, Hemingway, Dos Passos, Steinbeck, etc., studying not only the works but some of the major trends in art, culture, and knowledge that make the modern period so important and exciting. The method will be a combination of close reading, lecture, and discussion with (probably) one short paper and one longish paper. Not open to freshmen. Applicable English Clusters: American and African American Studies; Modern and Contemporary Literature.

Department: English
Course: ENG 228
Title: African American Drama
Cross-listed: ENG 428; AAS 229
Instructor: Tucker, J
Description: Fall 2007. This course surveys the entire tradition of African-American drama, paying particular attention to the genre's formal characteristics. Plays will also be read and discussed with attention to specific historical and thematic contexts, such as the era of slavery, social protest, interracial relations, intra-racial differences of class, gender, and sexuality, and contemporary attitudes toward black history. Featured playwrights include James Baldwin, Amiri Baraka, Alice Childress, Charles Fuller, Lorraine Hansberry, Langston Hughes, Zora Neale Hurston, Suzan-Lori Parks, Ntozake Shange, Anna Deavere Smith, August Wilson, George C. Wolfe, and others. Required texts include "Black Theatre USA: Plays by African Americans 1847 to Today." Students will be evaluated on class participation, weekly reading responses, and two formal papers. Students will also be required to attend Wednesday evening screenings of video/film performances of (approximately) eight of the course's plays or to view these performances independently. Applicable English Clusters: American and African American Studies; Literature and Cultural Identity. May also be applied to the cluster on Plays, Playwrights, and Theater on an exceptional basis.

Department: English
Course: ENG 242
Title: Authors, Editors, and the Literary Marketplace
Cross-listed: ENG 442
Instructor: London, B
Description: Fall 2007. What is an author? This course begins with the premise that the answer to this question is anything but self-evident. How does the literary ideal of the author as solitary genius as sole creator of a unique, original work of art correspond to the actual practices of ordinary writers? And, for that matter, how does it correspond to the actual practice of even the great authors (Shakespeare, for example) it purportedly describes? Was such an ideal ever anything but a myth? What role do editors play in the practice of authorship? When does an editor count as a co-author? How do market factors and modes of publication affect what and how an author writes? How has our understanding of authorship changed in a world of virtual authors and virtual texts? How do we make sense of the journalistic scandals (involving authors, editors, and sources) that seem to have become so prevalent today? What happens when readers become authors, as in zines? For some time now, debates have raged, in both the academy and the popular media, about the nature and practice of authorship. Looking at examples drawn from both literature and journalism, this class will examine a number of sites of these debates: collaborative authorship; ghost writing; editorial theory and practice; forgeries and hoaxes; plagiarism; cult or celebrity authorship; pulp fiction, best-sellerdom, and popular authorship; authorial practices in media other than print (film, electronic and digital media, etc.); vanity presses and on-demand publishing; copyright law; readership and reception. Students will have the opportunity to do original research and pursue case studies of their own choosing. May be applied on an exception basis to the English cluster in Media, Culture and Communication.

Department: English
Course: ENG 243
Title: Jane Austen
Cross-listed: ENG 443
Instructor: Mannheimer, K
Description: Fall 2007. Blending clear-eyed social commentary with a faith in romantic love, festooning mordant satire with enchanted happy endings, Jane Austen's novels subsist on contradiction and enjoy more popularity than ever. This course will place Austen in the context of her times while also analyzing her continued appeal. Readings include *Northanger Abbey*, *Sense and Sensibility*, *Pride and Prejudice*, *Mansfield Park*, *Emma*, and *Persuasion*, as well as novels by such authors as Frances Burney, Maria Edgeworth, Anne Radcliffe, and the Brontës.

Department: English
Course: ENG 244
Title: Genealogy of Tragedy
Cross-listed: ENG 444
Instructor: Guenther, G
Description: Fall 2007. How do we account for the fact that innocent people die untimely deaths due to circumstances beyond their control? This course will examine some compelling responses to that question in the form of canonical tragedies of the western tradition, ranging from Sophocles to Beckett. (We will read at least three plays by Shakespeare so that you may use this course to satisfy your pre-1800 requirement.) To help focus our discussions, we will also read what philosophers such as Aristotle, Hegel, Kirkegaard, and Nietzsche have had to say about tragedy and what it represents. We will approach the topic both as literary critics, studying the aesthetic strategies that enable plays to move audiences to grieve over fictional people, and as cultural critics, asking how and why "tragedy" mediates historical events such as 9/11 or Katrina. Course Requirements: class attendance, two papers, and two exams composed of textual identifications.

Department: English
Course: ENG 245
Title: Studies in International Literature: 20th Century Fiction
Cross-listed: ENG 445
Instructor: Scott, J
Description: Fall 2007. What can fiction tell us about the action of imagination? Who imagines what in the formative novels and stories of the 20th century? What can we learn from imaginative literature about the idiosyncratic workings of the mind, the expressive potential of language, the relevance of the unreal? These are some of the questions we'll ask in this exploration of modern and contemporary international fiction. As we read fiction written in English and in translation, we'll pay close attention to issues of cultural transmission and influence. Authors include Beckett, Duras, Woolf, Faulkner, Atwood, Garcia Marquez, Calvino, Sebald, and Saramago.

Department: English
Course: ENG 245
Title: Comic Books
Cross-listed: ENG 445
Instructor: Tucker, J
Description: Fall 2007. Despite being (mis)understood as the lowest and most infantile of genres, comic books have recently proven themselves capable of astonishing artistic achievements and of infiltrating both Hollywood and academia. This course has two parts: 1) a formal analysis of the art of comics—a combination of text and image used to tell a story and its similarities to, and differences from, prose narrative and film; 2) a cultural history of comic books, from their modern origins during the Great Depression to World War II, the attacks on the genre in the 1950s, alternative comics, the British Invasion of the 1980s and 90s, the current state of the comics industry, and representations of race, gender and sexuality. Primary texts include (in part or whole) Ho Che Anderson's *King*, Howard Cruse's *Stuck Rubber Baby*, Neil Gaiman's *The Sandman*, Jaime & Gilbert Hernandez's *Love and Rockets*, Alan Moore & David Gibbons' *Watchmen*, Joe Sacco's *Palestine*, Denny O'Neil and Neal Adams' *Green Lantern/Green Arrow*, Marjane Satrapi's *Persepolis*, and more. Critical and historical sources include Scott McCloud's *Understanding Comics*, essays by Samuel R. Delany, Irving Howe, Robert Warshow, C.L.R. James, Umberto Eco, and more. Course requirements include attendance, class participation, weekly 1-page reading responses, and two papers.

Department: English
Course: ENG 252
Title: Theater in England
Cross-listed: ENG 452
Instructor: Peck, R
Restrictions: Permission of instructor required
Description: Fall 2007. "Theater in England will be conducted in London from Saturday, December 29, 2007, through Saturday, January 12, 2008. Students should arrive in London no later than the evening of December 28. They may return on Sunday, January 13. We will see approximately 20 plays. We will not know what the full slate of plays for the coming year will be until next November, but you can be certain that we will be seeing the best that is available in the world's theater Mecca. Last year we saw, among others, such distinguished productions as Judi Dench and Simon Callow in Shakespeare's Merry Wives of Windsor, Patrick Stewart and Harriet Walter in Antony and Cleopatra, Alan Bennett's award-winning The History Boys (2004); the Propellor all-male cast productions of Shakespeare's Twelfth Night and Taming of the Shrew, the world premiere's of Tom Stoppard's Rock 'n' Roll, Cónor McPherson's The Sea Farer, Patrick Marber's brilliant Don Juan in Soho with Rhys Ifans, John Kolvenbach's Love Song with Neve Campbell, Charlotte Jones' The Lightning Play, and Frank McGuinness' There Came a Gypsy Riding, and the London premiere of Spamalot. We also saw several stunning revivals Neil LaBute's Bash, Tony Kushner's Caroline, or Change, David Hare's Amy's View with Felicity Kendall, the National Theater's thrilling production of Coram Boy, Gershwin's Porgy and Bess. We went to Stratford-upon-Avon to do homage to Shakespeare, with a stop-off at historic Warwick Castle. Many in the group went to services at Westminster Abbey and sat in the choir in the Queen's scholar's pews right beside the choir of Christ's Church, St. Lawrence, New Zealand, as they sang the Josef Reinberger setting of Cantus Missae in E flat. I have no reason to believe that this coming year will be any less rich than this past season. You can go online to see what we have done in the previous fifteen years. But one thing is certain: We will be seeing a terrific lot of theater and get to know London like an old friend.

Department: English
Course: ENG 255
Title: Silent Cinema
Cross-listed: ENG 455; FMS 233W; AH 252
Instructor: Loughney, P
Description: Fall 2007. An introduction to the history, technology, and cultural significance of motion pictures of the pre-sound era, with screenings of 35mm prints accompanied by live music in the Dryden Theatre. Special attention will be paid to the major pioneers, Dickson, Porter, Lumiere, Melies, and Griffith, but the course will include a variety of internationally produced films selected from the world famous archival film collection of the George Eastman House. Discussion sessions will cover the origins and development of the motion picture industry and its leading genres up to the general introduction of movies with pre-recorded music, sound and dialog, beginning in 1927. Broad issues relating to the transformation of American and world popular entertainment forms and traditions, in relation to the established performing arts of the period, will also be covered. Relevant connections to preserving the world's film heritage will be highlighted and the film restoration facilities of the Motion Picture Department will be visited in the course of the semester. Students will be expected to take a mid-term exam and write one paper. Meets at George Eastman House. Applicable English Cluster: Media, Culture, and Communication.

Department: English
Course: ENG 259
Title: Popular Films Genres: Film Noir
Cross-listed: ENG 459, FMS 251F
Instructor: Grella, G
Restrictions: Not open to freshmen
Description: Fall 2007. The course will consider that large, unusual, and varied group of motion pictures known, for reasons of style and content, as film noir - dark films - which includes horror, gangster, detective, and crime movies. We will examine some of the history of the term and the kinds of movies it refers to, study some relevant primary and secondary sources, and of course, screen, analyze, and discuss a dozen or more motion pictures. Possible titles to study include "Murder, My Sweet", "Touch of Evil", "Gilda", "The Third Man", "Double Indemnity", "Night and the City". Aside from the films and the reading assignments, the course will require approximately three papers and a final examination. Although no particular expertise in film is necessary, students should be capable of writing clear, forceful, coherent analyses of narrative. Applicable English Cluster: Media, Culture, and Communication.

Department: English
Course: ENG 265
Title: Issues in Film Studies: Blurring Boundaries- Truth and Fiction in Film, Video,
Cross-listed: ENG 465, FMS 252C
Instructor: Middleton, J
Description: Fall 2007. This course explores significant movements and forms in the history of documentary film, including the social problem film, ethnographic film, and the direct cinema and cinema verite movements, in relation to more recent developments and trends including reality TV, mock documentary, and autobiographical film and video. We will screen and discuss works by filmmakers from different historical periods and national traditions, possibly including, but not limited to, Robert Flaherty, Dziga Vertov, Jean Rouch, Frederick Wiseman, Errol Morris, Michael Moore, Christopher Guest, Barbara Kopple, Cheryl Dunye, Abbas Kiarostami, Werner Herzog, Su Friedrich, and Sadie Benning. Applicable English cluster: Media, Communication, and Culture.

Department: English
Course: ENG 267
Title: Topics in Media Studies: Changing Genres of Erotica
Cross-listed: ENG 467, WST 267
Instructor: Bleich, D
Description: Fall 2007. Recently the large-scale dissemination of erotic and pornographic literature and film has begun to affect the majority of the population in the West. There are two main issues in the Course: 1) the history of the changing genres of erotica and the social changes taking place because of its wide dissemination; and 2) the proposition that if societies were different little harm and much good would come from the inclusion of erotica in peoples reading and viewing habits: erotic materials, by removing sex from the realm of the forbidden and viewing it as a species of everyday life, can contribute to the education of both sexes and people of all sexual tastes and preferences. Readings in the course will concentrate on classical, early modern, enlightenment, and contemporary erotica, with attention to the contemporary debates about pornography begun by the activism of MacKinnon and Dworkin. Of particular interest in this critique is the claim that erotic materials encourage the practice of violence against women and children, and help to promote a culture dependent on the use of force and violence. The course reviews the current debate on pornography and sexually explicit language as a context for viewing the history of the more familiar erotic materials from classical times, through the Renaissance and 18th century, to D.H. Lawrence, and Erica Jong.

Department: English
Course: ENG 270
Title: Advanced Technical Theatre
Instructor: Rice, G
Description: **Class Size:** 15
 Fall 2007. This course investigates technical theater beyond the realms of Eng 170 (Technical Theatre). It focuses on work related to the scenic design and technical production of the two Fall Theatre Program productions. Working in small seminars and one-on-one tutorials, the instructor will assist students in learning more in the chosen technical areas and about problem solving scenic and technical questions raised by the set/s being built. Course work will consist of supervisory responsibilities, one major and several smaller research projects.

Department: English
Course: ENG 286
Title: Presidential Rhetoric
Instructor: Smith, C
Description: **Class Size:** 30
 Fall 2007. "Presidential Rhetoric", taught by former Presidential speechwriter Curt Smith, helps students critically examine the public rhetoric and themes of the modern American presidency. Particular attention will be given to the symbolic nature of the office, focusing on the ability of 20th-century presidents to communicate via a variety of forums, including the press conference, inaugural and acceptance speeches, political speech, and prime-time television address. Mr. Smith will draw on many of his experiences in Washington and with ESPN/ABC Television to link the most powerful office in the world and today's dominant medium. Applicable English Cluster: Media, Culture, and Communication.

Department: English
Course: ENG 287
Title: Studies In Translation
Instructor: Michael, J
Prerequisites: Students must have knowledge of at least one language other than English adequate to complete the practical translation exercises this course requires.

Description: Fall 2007. This course will introduce students to the theoretical backgrounds, practical challenges, and creative activity of literary translation. We will survey appropriate theories of language and communication including semiotics, post-structuralism, pragmatics, discourse analysis, and cognitive linguistics. We will consider varied and conflicting descriptions by translators of what it is they believe they are doing and what they hope to accomplish by doing it; and we will study specific translations into English from a variety of sources in order to investigate the strategies and choices translators make and the implication of those choices for our developing sense of what kinds of texts translations actually are. Finally, students will, in consultation with the instructor or with another qualified faculty member, undertake exercises in translation of their own. By the end of this class each student should have a working knowledge of both the critical backgrounds and the artistic potentials of translation.

Department: English
Course: ENG 290
Title: Plays in Production
Instructor: Maister, N, Rice, G, Daniels, S
Description: Fall 2007. Each student in Plays in Production participates fully in the exciting behind-the-scenes world of theatrical production. Students build sets, create and make props and costumes, hang and rig lighting and sound equipment, and create and distribute publicity materials for the plays currently in production in Todd Theatre. The class comprises a once-weekly lecture and a series of practical labs. This 4.0-credit course meets for the entire semester. Applicable English Cluster: Plays, Playwrights, and Theater.

Department: English
Course: ENG 292
Title: Plays in Performance
Instructor: Maister, N
Restrictions: Permission of instructor required
Description: Fall 2007. Plays in Performance is a class made up of actors, assistant directors and stage managers working on the current production in Todd Theatre. Actors are cast after auditioning at the beginning of each semester. Students wishing to stage manage should approach the director of the production either at the time of auditions or before the beginning of the play's rehearsal process. Although there is no written component for this course (the performance of the play constitutes a final "exam"), a significant time commitment is required of actors and stage managers, both on weekday nights and over weekends. This class meets during the first half of the semester. Permission of instructor required. Applicable English Cluster: Plays, Playwrights, and Theater.

Department: English
Course: ENG 294
Title: Plays in Performance
Instructor: Daniels, S
Restrictions: Permission of instructor required
Description: Fall 2007. Plays in Performance is a class made up of actors and stage managers working on the current production in Todd Theatre. Actors are cast after auditioning at the beginning of each semester. Students wishing to stage manage should approach the director of the production either at the time of auditions or before the beginning of the play's rehearsal process. Although there is no written component for this course (the performance of the play constitutes a final "exam"), a significant time commitment is required of actors and stage managers, both on weekday nights and over weekends. This class meets during the first half of the semester. Permission of instructor required. Applicable English Cluster: Plays, Playwrights, and Theater.

Department: English
Course: ENG 298
Title: Performance Lab I
Instructor: Childs, R
Restrictions: Permission of instructor required
Description: Fall 2007. 1.0 credit/Pass-Fail. This class is a lab tutorial for actors cast in productions in Todd Theatre. Working one-on-one with an acting and voice coach, students tackle specific technical challenges raised by their involvement in the specific theatrical work in production.

Department: English
Course: ENG 360
Title: Special Projects: Theatre
Instructor: Maister, N, Rice, G
Description: **Class Size:** 15
 Fall 2007. This is an independently designed course, focusing on specific theatre or theatre-related projects, and demanding significant skill application or acquisition, independent and self-motivated research, including advanced written work, if appropriate. Topics may include elements of theatre related to production, management and/or design.

Department: English
Course: ENG 380
Title: Problems of Western Civilization
Cross-listed: ENG 480; AAS
Instructor: Bleich, D
Restrictions: Open only to Junior and Senior majors of the offering department
Description: Fall 2007. RESEARCH SEMINAR. This seminar stipulates the following issues as underlying problems of Western civilization: pederasty, slavery, censorship, heresy, witch-hunting, androcentrism and misogyny, violence against children, and war. It studies literary treatments of these issues as well as some nonliterary texts. Emphasis is on how literature (and our responses to it) dealing with these problems reaches forms of understanding that are distinct from what is given by critical and historical accounts. The seminar addresses how the different problems overlap and continue in contemporary societies. We will ask how they are rationalized and treated as normal or as strange aberrations, though rarely as practices that constitute civilization. The seminar proceeds in two phases. The first part, of seven or eight weeks, articulates the themes. Modern readings come from Virginia Woolf's *Three Guineas*, Kafka, Morrison, Ibsen, Dostoevsky, and Freud's commentaries on the problems of civilization. Classical readings will likely include: Plato's *Symposium* and *Republic*, Aristotle's *Biology*, Aristophanes' *Lysistrata*, Sophocles' *Oedipus Rex*. The second part of the course asks members to present research proposals related to one or more of the stipulated problems. Readings and discussions in this part of the course are determined by the students' research projects.

Department: English
Course: ENG 380
Title: Immigration, Assimilation, and American Literature
Instructor: Li, S **Class Size:** 18
Restrictions: Open only to Junior and Senior majors of the offering department
Description: Fall 2007. Research seminar. How does an American become an American? How do new immigrants adjust to life in the United States while still maintaining ties to their countries of origin? In this class, we will study contemporary autobiographies that describe experiences of immigration and assimilation into American life. What is the relationship between the immigrant and his or her home country and culture? What does it mean to become an American? We will study how immigration affects changes in language, culture, values and social relationships, and also consider how certain narrative conventions and innovations are employed to describe experiences of Americanization and alienation from the family homeland. Our exploration of these issues begins with a reading of Benjamin Franklin's autobiography, a canonical narrative of self-development that offers an important point of contrast to texts written by later American immigrants. Students will also read historical and sociological articles that provide background and analysis to the personal experiences described in the autobiographies. Writing assignments will include a variety of explorations into issues concerning immigration and Americanization and will involve working with a diverse set of research strategies in American literature, topic to be announced.

Department: English
Course: ENG 396
Title: Honors Seminar - Imaginary Language
Instructor: Higley, S **Class Size:** 18
Restrictions: Special application required
Description: Fall 2007. This course is a literary, historical, and philosophical examination of language creation and experimentation throughout western literature from ancient to modern times. The Tower of Babel is a good starting point: when humankind presumptuously built a tower to Heaven, God struck them down and shattered their single, originary language into many, a divine language sought after for centuries by medieval and renaissance scholars and necromancers. Was it Hebrew? Was it something entirely different, this language of God? Did Enoch walk and talk with God in His language? This pursuit eventually turned into the Philosophical Language creations, which in turn became the Auxilliary Language Movement (Esperanto, Occidental, Volapck, etc.) which stirred much controversy. My aim in this course is to examine language philosophy from Cratylus to Augustine to the nominalists and negative philosophers to Benveniste as it can be applied to an examination of personal (as opposed to political) language invention: Hildegard of Bingen's Unknown Language (*Lingua Ignota*); the angelic languages exhibited in the Irish Tenga Bithnua; the Apocrypha; the Pistis Sophia; the *Ars Notoria* or Solomonic texts; Trithemius conjurations; John Dees dialogues with the angels; Mores Utopian; the various Voyage Stories where Lunarian and Lilliputian inspired other novelists, notably Tolkien (whom we will examine), and who take language invention to higher developments. We will look, too, at language charlatans and hoaxers, such as George Psalmanazar and Princess Caraboo, who pretended to be from foreign lands and speaking only foreign tongues of their own invention. The medium Helene Smith, who channeled Martian, is a ripe topic, as are some of the more well-known literary languages like Nadsat in *A Clockwork Orange*. Along with the invention and structure of invented languages, we will look at invented scripts, and invented worlds, and the explosion of sophisticated language invention on the Internet. We will look at the imaginary world

Department: English
Course: ENG 398
Title: Theatre Internship: PR & Marketing
Instructor: Maister, N
Restrictions: Permission of instructor required
Description: Fall 2007. The University of Rochester International Theatre Programs PR Internship provides interested students with an introduction to all aspects of Marketing and Public Relations, from writing press releases, to scheduling photo shoots, to creating advertising banners, to developing marketing campaigns for those theatrical events in Todd Theatre. Additionally, PR interns work Front-of-House/Box Office and are responsible for the public face of the Program with regard to other university events (Alumni and Homecoming weekends/Meliora Weekend, etc.) PR Interns report weekly to the Artistic Director of the Theatre Program.

Department: English
Course: ENG 401
Title: Old English Literature
Cross-listed: ENG 201
Instructor: Higley, S **Class Size:** 5
Description: Fall 2007 Please see ENG 201 for the course description.

Department: English
Course: ENG 408
Title: Elizabethan and Jacobean Drama
Cross-listed: ENG 208W
Instructor: Kegl, R
Description: Fall 2007, Please see ENG 208W for the course description.

Department: English
Course: ENG 413
Title: Metaphysical Poetry
Cross-listed: ENG 213
Instructor: Guenther, G
Restrictions: Open only to Junior and Senior majors of the offering department
Description: Fall 2007. Please see ENG 231 for the course description.

Department: English
Course: ENG 427
Title: American Moderns
Cross-listed: ENG 227
Instructor: Grella, G
Description: Fall 2007. Please see ENG 227 for the course description.

Department: English
Course: ENG 428
Title: African American Drama
Cross-listed: ENG 228
Instructor: Tucker, J
Description: Fall 2007. Please see ENG 228 for the course description.

Department: English
Course: ENG 442
Title: Putting Modernism Together
Cross-listed: ENG 242
Instructor: London, B
Description: Fall 2007. Please see ENG 242 for the course description.

Department: English
Course: ENG 443
Title: Jane Austen
Cross-listed: ENG 243
Instructor: Mannheim, K
Description: Fall 2007. Please see ENG 243 for the course description.

Department: English
Course: ENG 444
Title: Genealogy of Tragedy
Cross-listed: ENG 244
Instructor: Guenther, G
Description: Fall 2007. Please see ENG 244 for the course description.

Department: English
Course: ENG 445
Title: International Literature: 20th Century Fiction
Cross-listed: ENG 245
Instructor: Scott, J
Description: Fall 2007. Please see ENG 245 for the course description.

Department: English
Course: ENG 452
Title: Theater in England
Cross-listed: ENG 252
Instructor: Peck, R
Description: Fall 2007. Please see ENG 252 for the course description.

Department: English
Course: ENG 455
Title: Introduction to Film History: Silent Cinema
Cross-listed: ENG 255B; ENG 255W; FMS 255B; WST 243
Instructor: Loughney, P
Description: Fall 2007. Please see ENG 255B for the course description.

Department: English
Course: ENG 459
Title: Popular Films Genres: Film Noir
Cross-listed: ENG 259
Instructor: Grella, G
Description: Fall 2007. Please see ENG 259 for the course description.

Department: English
Course: ENG 467
Title: Changing Genres of Erotica
Cross-listed: ENG 267
Instructor: Bleich, D
Description: Fall 2007. Please see ENG 267 for the course description.

Department: English
Course: ENG 487
Title: Studies in Translation
Cross-listed: ENG 287
Instructor: Michael, J
Description: Fall 2007. Please see ENG 287 for the course description.

Film and Media Studies

Department: Film and Media Studies
Course: FMS 132
Title: Introduction to the Art of Film
Cross-listed: ENG 117/AH 136
Instructor: Middleton, J.

Department: Film and Media Studies
Course: FMS 161
Title: Introductory Video & Sound
Cross-listed: SA 161
Instructor: Merola, K. **Class Size:** 10
Restrictions: Permission of instructor required
Description: This course introduces the basic aesthetic and technical elements of video production. Emphasis is on the creative use and understanding of the video medium while learning to use the video camera, video editing processes and the fundamental procedures of planning video projects. Video techniques will be studied through screenings, group discussions, readings, practice sessions and presentations of original video projects made during the course.

Department: Film and Media Studies
Course: FMS 233
Title: Introduction to Film History: Silent Cinema
Cross-listed: ENG 255/455/AH 133/233W/FMS 233W
Instructor: Loughney, P. **Class Size:** 20
Description: Please see ENG 255 for the course description.

Department: Film and Media Studies
Course: FMS 243
Title: Hollywood Behind the Wall: An Introduction to East German Cinema
Cross-listed: GER284/484/CLT212M/412M
Instructor: Creech, J.
Description: Please see GER 284 for the course description.

Department: Film and Media Studies
Course: FMS 251F
Title: Popular Film Genre: Film Noir
Cross-listed: ENG 259
Instructor: Grella, G.
Restrictions: Not open to freshmen
Description: Please see ENG 259 for the course description.

Department: Film and Media Studies
Course: FMS 252C
Title: Issues in Film: Blurring Boundaries-Truth & Fiction in Film, Video & Television
Cross-listed: ENG 265/465
Instructor: Middleton, Jason
Description: Please see ENG 265 for the course description.

Department: Film and Media Studies
Course: FMS 256B
Title: Political Film: Fascism
Cross-listed: PSC 255
Instructor: Hauser, E. **Class Size:** 30
Coursework: midterm, film reviews, final
Description: Please see PSC 255 for the course description.

Department: Film and Media Studies
Course: FMS 260A
Title: Introductory Digital Art
Cross-listed: SA 151
Instructor: Shindelman, M., Shaw, T, Frank, M. **Class Size:** 10
Prerequisites: Some familiarity with Macintosh computer required
Description: Please see SA 151 for the course description.

Department: Film and Media Studies
Course: FMS 263A
Title: 3D Digital Time-Based Media
Cross-listed: SA 263A/B/C/FMS 263B/C
Instructor: Devereaux, E. **Class Size:** 10
Prerequisites: FMS161/SA161
Restrictions: Permission of instructor required
Description: Please see SA 263A for the course description.

Department: Film and Media Studies
Course: FMS 263B
Title: 3D Digital Time-Based Media
Cross-listed: SA 263A/B/C/FMS263A/C
Instructor: Devereaux, E. **Class Size:** 10
Restrictions: Permission of instructor required
Description: Please see FMS 263A for description.

Department: Film and Media Studies
Course: FMS 263C
Title: 3D Digital Time-Based Media
Cross-listed: SA 263A/B/C/FMS 263A/B
Instructor: Devereaux, E. **Class Size:** 10
Restrictions: Permission of instructor required

Department: Film and Media Studies
Course: FMS 275
Title: Identity, Violence, Trauma
Cross-listed: FR 255/455/CLT 211F
Instructor: Willis, S.
Description: Please see FR 255 for the course description.

Department: Film and Media Studies
Course: FMS 277
Title: History of French Cinema
Cross-listed: FR 281/481/CLT 211C/411C
Instructor: Willis, S. **Class Size:** 30
Description: Please see FR 281 for the course description

Department: Film and Media Studies
Course: FMS 294
Title: Spanish Film
Cross-listed: SP 288/488/CLT 216B/416B
Instructor: Schaefer, C. **Class Size:** 40
Description: Please see SP 288 for the course description.

Health & Society

Department: Health & Society
Course: HLS 301
Title: Senior Seminar
Instructor: Harper, D.
Prerequisites: Required course of seniors majoring in health and society.
Restrictions: Open only to senior majors or by permission of instructor
Coursework: Methods of Instruction: Discussion of topics in health and disease; two or three term papers, no exams
Description: Content: This course will attempt to build on the prior courses in health and society taken by students - focusing on those topics that students wish to pursue further, such as the changing health care system of the United States, medical problems and controversies in health care research and health care delivery (Ug! - sounds like selling cars, but this term is used by many in the health and medical industries).

History

Department: History
Course: HIS 100
Title: Medieval Europe
Instructor: Kaeuper, R.
Description: An introduction to European history with an emphasis on the High Middle Ages and beginnings of the Early Modern era (late 11th-16th centuries). Beginning in the late Ancient World, the course moves swiftly toward the period of emphasis. It proceeds by thematic units with a discussion section closing each unit to help students combine lectures and readings. The emphasis will be on reading primary sources and learning to analyze them and to write about them in clear and effective prose. The skills gained should be transferable to any future study. Several papers will be required during the term and a comprehensive take-home essay at the end.

Department: History
Course: HIS 105
Title: Traditional Japan
Cross-listed: JPN 216
Instructor: Hauser, W. **Class Size:** 30
Exams: Midterm and final take-home examination
Coursework: Each student will write a term paper on a subject they choose dealing with some aspect of traditional Japanese culture or society before 1850.
Description: This lecture course will cover Japanese history from the beginning to around 1850. Emphasis will be on the changing nature of political authority, the changing roles of the aristocrats, samurai warriors, and commoners, the emergence of new cultural forms, and the transformation of traditional Japanese society. Readings will include literature, diaries, political, social, and economic history, and material on Japanese women. Several films will be shown in conjunction with the course. Readings: D. Keene, ANTHOLOGY OF JAPANESE LITERATURE; K. Brazell, Jr. THE CONFESSIONS OF LADY NJIO; G.L. Bernstein, RECREATING JAPANESE WOMEN; abridged versions of THE TALE OF GENJI and TALE OF THE HEIKE, Katsu Kokichi, MUSUJI'S STORY and a survey text among others.

Department: History
Course: HIS 106
Title: Colonial and Contemporary Africa
Cross-listed: AAS 106; ANT 248
Instructor: Mandala, E.
Exams: Midterm and final
Coursework: One 10-15 page paper
Description: This course takes a broad view of African history from the late nineteenth century to the present. Themes to be covered include the nature of European colonial domination, African resistance, the neocolonial state, and the World Bank's Agenda for the continent before and after the end of the Cold War. Through movies and novels, students will also explore such developments as transformations in gender, peasants and the cash-crop revolution, and the emergence of a new working class.

Department: History
Course: HIS 111
Title: History of Technology
Instructor: Morris Pierce
Description: This course surveys the history of technology and its impacts on agriculture, communication, transportation, housing, health, war and society. The Romans used technology to build an empire, as did Venice, Great Britain, America, and the Soviet Union, but each also discovered the limits of technology. In addition to examination of inventors and inventions, the role of government and society in technological innovation will be examined. Students will publish their final projects on the world wide web.

Department: History
Course: HIS 119
Title: The Relativity Revolution
Instructor: Segal, S.
Description: This course will attempt to place Einstein in the context of the German history of his times (as the course dealing with Newton attempts to place him in the England of his times). Einstein caused a revolution in physics in 1905 and following years, which altered the conceptions that had endured since 1678 (Newton). An attempt will also be made to explain Einstein's most famous results in accessible language without requiring any advanced mathematics or physics.

Department: History
Course: HIS 120
Title: Introduction to History
Instructor: Borus, D.
Coursework: Classes will be a combination of lectures, discussions, demonstrations, and student projects.
Description: This course is intended for students new to the study of history at the college level. It will explore what historians do, how they do it, and how students can hone their own skills. Among the topics to be explored are understanding the materials of history, a survey of approaches to the past, and the development of proper techniques.

Department: History
Course: HIS 145
Title: Early America, 1600-1800
Instructor: Jarvis, M.
Description: This course examines European expansion into the New World from Columbus's first voyage through the aftermath of the American Revolution. Throughout, we will consider the constituent elements of the multi-national and multi-ethnic Atlantic world - Africa, Europe, and America - in order to understand the character and development of colonial British America and the fledgling United States within a broader, contested and imperial New World context. We will first regionally survey England's American colonies, emphasizing how timing, geography, economic base, European background, and nature of migration produced considerable variation within colonial societies. We will next topically focus on Anglo-Indian encounters, migration, slavery and the slave trade, African-American creolization, religion and warfare in order to compare the experiences of colonial America. We conclude by examining the political and ideological crisis of American Revolution and the struggles in the 1780s to forge a politically and culturally stable republic.

Department: History
Course: HIS 147
Title: Industrial America, 1865-1929
Instructor: Rubin, J.
Exams: Mid-term and final
Coursework: Reading and discussion
Description: This course will explore the social, political, and cultural history of the United States from Reconstruction through 1929. Among the topics of particular focus will be the aftermath of the Civil War, American industrial expansion, the rise of the American city, immigration, World War I, and 1920s culture, developments that have profoundly shaped modern American society and politics. In addition, this course will assist students in developing and sharpening their reading, writing, and analytical skills.

Department: History
Course: HIS 152
Title: Soviet Russia
Instructor: Lenoë, M.
Description: This class examines the history of the Soviet Union from foundation (1917) to collapse (1991), focusing on internal developments in the Russian part of the Union. We will begin with a discussion of the background to the collapse of the imperial Russian state in 1917, including changes in Russian society and World War I. Later, the class will look at questions such as: Did the New Economic Policy of the 1920s create a stable socioeconomic order? How did Stalin defeat his political rivals and create a personal dictatorship? What were the motivations for the Great Terror of 1937-1938? How did the Soviet Union defeat Nazi Germany in World War II? We will also devote some time to the Soviet role in the Cold War and the appeal of Leninism in colonized and post-colonial societies. The course will conclude with a discussion of the collapse of the USSR and the emergence of a soft authoritarian order in post-Soviet Russia. Syllabus will emphasize primary-source readings and class discussion.

Department: History
Course: HIS 153
Title: Russia Now
Cross-listed: RST 127; RUS 127
Instructor: Parthe, K.
Description: Please see RUS 127 for the course description.

Department: History
Course: HIS 154
Title: Russia Now
Cross-listed: RST 126; RST 126Q; RUS 126
Instructor: Parthe, K.
Description: Please see RUS 126 for the course description.

Department: History
Course: HIS 155
Title: History of Russia to 1692
Cross-listed: RST 155
Instructor: Lenoë, M.
Description: This course focuses on the history of Kievan Rus beginning with the official conversion to Byzantine Christianity (988), the period of Mongol rule over Russia, the rise of the city of Moscow to a dominant position among the Russian principalities, and Muscovite society, politics, and economics in the 1500s and 1600s. We will examine the origins of Russian serfdom and Russian autocracy, Muscovite relations with other societies, including England, the role of witches in Muscovite society, and many other topics. We will also be studying the history of the *Rus* as it intertwines with the history of two neighboring Slavic peoples, the Poles and Ukrainians.

Department: History
Course: HIS 165
Title: African-American History I
Cross-listed: AAS 141
Instructor: Hudson, L.
Coursework: Two class papers of 2-3 pages (30%); Mid-Term (10%); Term paper 6-8 pages (40%); and Take Home Final Exam (20%).
Description: We will begin our survey of African-American life and culture in fifteenth-century Saharan Africa. After examining the primary features of pre-European African society we will assess the disruptions triggered by European arrival. A discussion of the "Middle Passage" -- the transportation of enslaved Africans to North America -- and the Africans' adjustment to their new environment will compose the first section of the course. We will then focus on the process of "Americanization" as the Africans became African-Americans. The struggle for freedom and citizenship will conclude our survey. The course readings will be selected from autobiographies by Africans and African-Americans, and some brief selections from secondary texts. Using the autobiographies as historical source material, we will examine the values and cultural practices of Africans in America, and the ways in which African-Americans adapted to and shaped American life and culture.

Department: History
Course: HIS 167K
Title: Speaking Stones
Cross-listed: REL 167K
Instructor: Homerin, E.
Restrictions: Special application required
Description: Please see REL 167K for the course description.

Department: History
Course: HIS 171
Title: Civil Rights in America
Instructor: Wolcott, V.
Description: This course will examine the civil rights movement in twentieth-century America, focusing on the post-1945 period. Following the call to view civil rights from a local perspective, we will study the movement in a variety of locations: from the rural south to the urban north. In addition to examining the nonviolent struggle for integration in the South we will look at activists demands for better housing, jobs, and economic parity nationwide. Rather than viewing the black power movement as separate and divisive we will intertwine the history of black power and self-determination with the history of civil rights activism. Although the course will focus on the post-World War II period, we will discuss the roots of the movement in early twentieth-century struggles for justice.

Class Size: 40

Department: History
Course: HIS 173
Title: American Military History
Instructor: Pierce, M.
Description: American history has been largely shaped by wars. This course will survey the history of American wars; the military, naval, and civil institutions that have been created to serve the changing needs of national defense; and the citizen-soldiers who have preserved the liberty of the Republic.

Class Size: 40

Department: History
Course: HIS 183
Title: Modern China, 1600-Present
Exams: Midterm and final
Coursework: Two short papers
Description: Chinese history from the Manchu conquest of the early seventeenth century through the contemporary People's Republic. The course will examine Qing (1644-1911) dynastic order, Western and Japanese imperialism, nationalism, Republican and Communist revolutions, and contemporary China's engagement with globalization. Assignments will include a core textbook as well as documents, fiction, memoirs, and documentary films.

Department: History
Course: HIS 190Q
Title: China in a Global Perspective
Restrictions: Special application required
Coursework: Course work will include active class participation, completion of research assignments, and a final paper of approximately 10 pages.
Description: To the contemporary observer, the "globalization" of China since the 1980s and 1990s presents a series of apparent contradictions: market reforms undertaken by a nominally Communist government, extremes of urban wealth and rural poverty, and a growing participation in international agreements and organizations paired with an intensifying domestic rhetoric of nationalism. As China appears poised on the brink of multiple transformations, we ask, "what next?" Yet this most recent "globalization" of China is only one of a long history of transformations that have shaped China's relationships with the rest of the world. In this course, we will examine significant changes in China's recent history that will allow us to put contemporary developments in historical perspective. Course materials will include novels, films, oral histories, and memoirs as well as sources from Western and Chinese popular culture.

Department: History
Course: HIS 197Q
Title: Religion and Society in Modern Europe
Instructor: Bakhtmeteva, T.
Restrictions: Permission of instructor required
Description: This course explores religion as both a conservative and progressive force that shaped – and continues to shape – the modern world. Topics of interest include the war against religion in the 18th century; religious revival of the 19th century; liberal and conservative tendencies in 19th century religions; popular religion as a reaction to social and political transformations (apparitions, pilgrimages); religion, class and gender; religion in totalitarian regimes; religion and national identity. The course will look at various branches of Christianity (primarily Catholicism and Orthodoxy). Students are invited to explore and present on non-Christian religions as well.

Department: History
Course: HIS 198Q
Title: The History of the Book in the West
Instructor: Alvarez, P. **Class Size:** 10
Restrictions: Special application required
Coursework: Readings, class participation, midterm exam, 1 research paper
Description: Discover the treasures in the Rush Rhees Library's Rare Book and Manuscript Collection and learn how to analyze them in their historical context. Students study how to "read" the format and design of medieval manuscripts and later publications as well as how print affected European politics and society, particularly during the first three centuries after Gutenberg. Every class meeting involves a hand-on experience with materials from the Department of Rare Books, Special Collections and Preservation. Students will also have the opportunity to learn how to compose type and print in a Type 3 Vandercook Press: A four-hour workshop will be arranged with printing instructor Mitch Cohen at the Genesee Center for the Arts (713 Monroe Avenue).

Department: History
Course: HIS 200
Title: Introduction to Archaeology
Cross-listed: AH 106; REL 200; CLA 200
Instructor: Walsh, D.
Description: Please see AH 106 for the course description.

Department: History
Course: HIS 203
Title: Economies & Societies in Latin America & the Caribbean Since 1492
Cross-listed: AAS 252; ECO 252
Instructor: Inikori, J. **Class Size:** 30
Exams: Midterm, Final
Description: The main thrust of the course is an attempt to provide an historical explanation for the general problem of material poverty and the attendant socio-political crises that characterize contemporary Latin America and the Caribbean. The course begins with an examination of the organization of the economies and societies in the region on the eve of the European conquest, and the factors determining the level of development attained by this time. This is followed by a discussion of the socio-economic processes during the colonial period. The post-colonial period (which differs from one country to another) is examined in the context of the inherited socio-economic structures of the colonial period and the changing conditions in the evolving modern global system.

Department: History
Course: HIS 204
Title: Introduction to Law - History of Federal Indian Law
Instructor: Boylan, L.
Prerequisites: Background in 100-level courses in American or American Indian history is recommended but not required.
Coursework: Students will be expected to read from primary and secondary sources, including treaties, statutes and case law, and to participate with oral presentations and writings.
Description: This seminar course is intended as an introduction to legal studying, reasoning and writing with the field of American Indian law being the focus. We will look at the impact of American law upon Indian tribes and individuals, and touch upon how Native American legal concepts intersect white man's law.

Department: History
Course: HIS 205
Title: Europe Since 1945
Cross-listed: HIS 205W
Instructor: Applegate, C.
Description: Please see HIS 205W for the course description.

Department: History
Course: HIS 205W
Title: Europe Since 1945
Cross-listed: HIS 205
Instructor: Applegate, C.
Description: What is Europe? Is it a definition of a geographical area, an economic entity, or is it a cultural formation? This course will examine both the historical development of European integration and more contemporary debates about the formation of the European Union. With an overview of both world wars and their impacts on European civilization and state system, the course will focus on the stages of European integration from the post-World War II period until now. With an introduction to the composition and role of the institutions in the EU system, its interaction with the national politics will be explored. Contemporary debates on the idea and exercise of the cultural integration of Europe will be paid special attention with comments on the European Union's expansion and future. (Note: this course may be applied to a major or minor field or to fulfill a cluster requirement for S1HIS003 Global Perspectives, S1HIS004 War & Revolution, S1HIS006 European History, or for S1HIS015 Social History).

Department: History
Course: HIS 211
Title: History from Myth - King Arthur and Robin Hood
Instructor: Kaeuper, R. **Class Size:** 20
Exams: Comprehensive Essay Final Exam
Coursework: Two essays during the term; at least 200 pages of reading per week
Exams: Comprehensive Essay Final Exam
Description: King Arthur and Robin Hood, though so popular a feature of our culture that we almost take them as 'givens,' in fact we pay serious study about them. Medieval stories can inform us about kingship, ideas of chivalry, socio-economic functioning of early legal systems. This course looks at such early stories within the contact of their historical periods.

Department: History
Course: HIS 213
Title: History of the Roman World
Cross-listed: REL 210; CLA 210
Instructor: Florence, M.
Description: Please see CLA 210 for the course description

Department: History
Course: HIS 215
Title: The Enlightenment
Instructor: Outram, Dorinda
Restrictions: Not open to freshmen
Description: This course aims to study some major changes in thought in Europe in the eighteenth-century. Emphasis will be laid on the social and economic conditions underlying such changes, and on their consequences in the fields of government, politics and social relations.

Department: History
Course: HIS 219
Title: Romanesque Europe
Cross-listed: AH 238; REL 279
Instructor: Walsh, D.
Description: Please see AH 238 for the course description.

Department: History
Course: HIS 225W
Title: Germany & Austria, 1800-1914
Instructor: Applegate, C.
Exams: 2 midterms and a final
Coursework: short reaction papers on reading, one 10-12 page research paper
Description: This course provides a thorough examination of state, society, and culture in Germany and Austria from the Napoleonic Wars to the outbreak of the First World War. It will begin with a brief consideration of the decades leading up to the central European revolutions of 1848, then will consider German Unification and the diverging, intersecting histories of the two most important states of Central Europe.

Department: History
Course: HIS 228
Title: In Arezzo (Study Abroad) - Italy from Risorgimento to Republic 1815-1948
Cross-listed: CLT 207C; IT 228
Description: Please see IT 228 for the course description.

Department: History
Course: HIS 237
Title: England and Ireland since 1800
Instructor: Weaver, S.
Exams: Midterm and final
Coursework: Two papers
Description: This course is an introductory survey of the tragically intermingled histories of England and Ireland from the end of the Napoleonic Wars to the present. Main topics include the effects of the Wars on England and Ireland; industrialization (and the lack thereof); class conflict in the 1830s and 40s; the Great Famine; the Irish emigration; Liberalism; Irish Nationalism and the IRA; the Depression; the two world wars, etc. Course consists of lectures, small-group discussions, and a few films.

Department: History
Course: HIS 243
Title: Dangerous Texts - Literature and Politics in Russia
Cross-listed: HIS 243W; CLT 265E; RST 289/W; RUS 289/W
Instructor: Parthe, K.
Description: Please see RUS 289 for the course description.

Department: History
Course: HIS 243W
Title: Dangerous Texts: Literature and Politics in Russia
Cross-listed: HIS 243; CLT 265E; RST 289/W; RUS 289/W
Instructor: Parthe, K.
Description: Please see RUS 289W for the course description.

Department: History
Course: HIS 245
Title: The City in American History
Instructor: Wolcott, V.
Exams: Midterm and Final Examination
Coursework: Two 5-7 page papers
Description: American cities reflect America's complex culture. Studying cities reveals the ideals of intellectuals, planners, reformers, and immigrants who viewed the city as a center of their utopian dreams. Studying urban life, however, also reveals how racial prejudice, concentrations of wealth, and political corruption have shaped the American city. This course will explore those contradictions through an examination of the growth and development of urban centers in the United States.

Department: History
Course: HIS 247
Title: Lincoln, Douglass, and Black Freedom
Cross-listed: AAS 257; HIS 247W
Instructor: Hudson, L.
Description: Please see HIS 247W for the course description.

Department: History
Course: HIS 247W
Title: Lincoln, Douglass, and Black Freedom
Cross-listed: AAS257 and HIS247
Instructor: Hudson, L.
Description: In what was probably the worlds greatest century, marked by a several national and international struggles for human freedom, two men stand head and shoulders above the many great men and women who participated in a civil war for American freedom: Abraham Lincoln and Frederick Douglass. At first glance, these two men had little in common: one born free on the American frontier, the other unfree in the heartland of slavery. Yet they had much in common: both largely self-educated; they both attained a mastery of words and the ability to communicate simply and directly with their fellow man. As if born to fight in one major battle for human freedom, these two men traveled diverse roads to meet on a momentous battlefield: black freedom and the future of America. Utilizing a wide range of sometimes opposing tactics, each in his own way shaped nineteenth century Americans understanding of what it meant to be free and a citizen. The course will conclude with a brief discussion of the ways in which these two American symbols of freedom and liberalism continue to influence American political behavior. This course will use the words (almost exclusively) of these two men to chart their personal and political paths to that moment in history when the questions of slavery, freedom, and the future of America rested largely in their hands.

Department: History
Course: HIS 250
Title: Women in History - US, 1600-1970
Instructor: Gordon, L.
Exams: In-class written midterm; take-home final essay
Coursework: One 7-10 page paper. Attendance at lectures and films and informed participation in discussions is expected.
Description: "Women in History" surveys the historical experiences of American women from the era of colonization in the 17th century through the feminist movement of the 1970s. Topics for lecture and discussion include women's work in and outside of the home, women in the family; women in social reform movements, education, and the professions; changing views of sexuality; and suffrage/feminist politics. Throughout the course we will also consider such themes/issues as differences of class, ethnicity, race, and religion among American women; the nature of sources for the study of women's history; changing literary and visual "images" of American women; and how knowledge of women's history affects traditional interpretations of American history. May be used to fulfill a requirement in the Women's History cluster (S1HIS005) or the Social History cluster (S1HIS015).

Department: History
Course: HIS 255
Title: Economic and Social Conditions of African-Americans in the 20th Century
Cross-listed: AAS 253; ECO 253W
Instructor: Engerman, S.; Wolkoff, M.
Description: Please see ECO 253W for the course description.

Department: History
Course: HIS 262
Title: Gender and Representation in Native American Art
Cross-listed: AH 276; AH 476; ANT 276; WST 224
Instructor: Berlo, J.
Description: Please see AH 276 for the course description.

Department: History
Course: HIS 268
Title: American Thought, 1865-1990
Instructor: Westbrook, R.
Exams: Take-home midterm; take-home final
Coursework: Weekly comments, a short paper (1500 words)
Description: This course is a survey of leading American ideas about God, nature, the self, society, and politics from the mid-nineteenth century to the end of the twentieth century. Topics include the challenge of secular modernism (and "post-modernism") to mid-nineteenth century Christian and Enlightenment certainties; the rise and fall of social-democratic liberalism and the criticism of its radical and conservative adversaries; the course of debates over cultural pluralism and feminism; and the resilience of anti-modern strains in American social thought. Primary source readings from figures such as Jane Addams, Daniel Bell, Edward Bellamy, Randolph Bourne, Judith Butler, John Dewey, W.E.B. DuBois, Milton Friedman, Charlotte Perkins Gilman, William James, Martin Luther King, Jr., Thomas Kuhn, Christopher Lasch, Walter Lippmann, Malcolm X, Reinhold Niebuhr, Charles Sanders Peirce, John Rawls, Richard Rorty, William Graham Sumner, Thorstein Veblen, and Michael Walzer.

Department: History
Course: HIS 273
Title: The Making of the Modern Middle East
Cross-listed: AAS 273; HIS 273W
Instructor: Mandala, E.
Description: Please see HIS 273W for the course description.

Department: History
Course: HIS 273W
Title: The Making of the Modern Middle East
Cross-listed: AAS 273; HIS 273
Instructor: Mandala, E.
Description: An introduction to the economic and political history of the Middle East since the early nineteenth century, this course provides a context for understanding the US invasion of Iraq in 2003. After a brief survey of Islamic accomplishments in the arts and sciences under the Abbasids of Baghdad, the seminar examines the British campaign for "free" trade, the region's integration into world markets, the oil industry, and the Arab-Israeli conflict. The land of the Bible and the Koran, of Cotton and Oil, and a gateway to Asia, the Middle East has always occupied a center stage in the expansion of the West.

Department: History
Course: HIS 276
Title: The Culture of Urban Japan
Cross-listed: JPN 220/W; CLT 208B/408B; AH 234
Instructor: Pollack, D.
Description: Please see JPN 220 for the course description.

Department: History
Course: HIS 279
Title: Japan at War and After
Instructor: Hauser, W.
Coursework: Each student will write two short papers based on the assigned readings in the course and one final paper based on a topic selected in consultation with the instructor. The first two papers will be 5-8 pages in length, and the third 10-15
Description: The class will cover the period from 1937 to the 1960s. The focus will be Japan's participation in the Pacific War, the social and cultural impacts of the war, and the social and cultural transformation of Japan in the postwar era. Readings will include: Ienaga Saburo, THE PACIFIC WAR; John Dower, WAR WITHOUT MERCY and EMBRACING DEFEAT; Samuel Yamashita, LEAVES FROM AN AUTUMN OF EMERGENCIES; Ishikawa Tatsuz, SOLDIERS ALIVE; Dazai Osamu, THE SETTING SUN; Richard Minear, VICTORS JUSTICE; and other selections. Feature films on the war and the postwar period will also be extensively used in the course and will include: Mishima Yukio, dir. RITE OF LOVE AND DEATH; Kobayashi Masaki, dir. THE HUMAN CONDITION, Part II; Ichikawa Kon, FIRES ON THE PLAINS and HARP OF BURMA; Kurosawa Akira, STRAY DOG, IKIRU and DRUNKEN ANGEL; Shohei Imamura, BLACK RAIN, and Ozu Yasujiro, TOKYO STORY, and others, depending on availability.

Department: History
Course: HIS 282
Title: The Samurai
Cross-listed: HIS 282W
Instructor: Hauser, W.
Coursework: Students will be expected to attend all classes, participate in class discussions, and write three, 5-8 page papers on assigned readings and films. For upper-level writing credit, students must revise the first two papers and resubmit them
Description: "The Samurai" will examine the emergence of the warrior class in the 10th and 11th centuries, its evolution from rustic warriors to medieval military power holders, and military bureaucratic administrators. The class will include readings in the history, literature, philosophy, and sociology of the samurai class. Films treating the popular imagery of the samurai will be projected in class. Various representations of the samurai will be compared and contrasted.

Department: History
Course: HIS 282W
Title: The Samurai
Cross-listed: HIS 282
Instructor: Hauser, W.
Description: Please see HIS 282 for the course description.

Department: History
Course: HIS 288
Title: Secret Nation: Russia's Hidden Past
Cross-listed: HIS 288W; JST 249; RST 247/W; RUS 247/W
Instructor: Parthe, K.
Description: Please see RUS 247 for the course description.

Department: History
Course: HIS 288W
Title: Secret Nation: Russia's Hidden Past
Cross-listed: HIS 288; JST 249; RST 247/W; RUS 247/W
Instructor: Parthe, K.
Description: Please see RUS 247 for the course description.

Department: History
Course: HIS 301W
Title: History Seminar - Silent Film in America
Instructor: Borus, D.
Restrictions: Permission of instructor required
Description: This research seminar is designed to explore a crucial juncture in American cultural life: the solidification of a mass or popular culture with a new art form. The course begins with a brief overview of the technical and commercial bases for the movies. It will then examine the politics of movies, paying special attention to efforts to censor or suppress them. It will also explore how to interpret movies historically. Among the films we shall see are Keystone comedies, Charlie Chaplin's <i>Gold Rush</i>, Buster Keaton's <i>Sherlock, Jr.</i>, D.W. Griffith's <i>Birth of a Nation</i>, and Erich von Stroheim's <i>Greed</i>.

Department: History
Course: HIS 301W
Title: History Seminar - The Holocaust
Instructor: Applegate, C.
Restrictions: Permission of instructor required
Coursework: 20-page research paper
Description: This course investigates aspects of the history of the Holocaust, the murder of European Jews between 1939 and 1945. We will focus on a series of topics which each have 1) the origins of the Holocaust, with particular attention to antisemitism in European society and culture; 2) the nature of popular support for the National Socialist state, which undertook these murders; 3) the actual planning of what the German state called the "Final Solution"; 4) the people who undertook to carry out this plan, usually known in the literature on the Holocaust as the perpetrators; 5) the victims of this onslaught, and their responses, including 6) resistance to Nazism, particularly on the part of the Jews of Europe; 7) survivors of the Holocaust, and how they have understood and tried to write about the experience; 8) the post-war efforts of the victorious powers, Israel, and the post-war German states to dispense judgment on those who planned, carried out, and aided in these murders.

Department: History
Course: HIS 304W
Title: The Beats & Beyond
Cross-listed: HIS 404
Instructor: Wolcott, V.
Restrictions: Permission of instructor required for undergraduates
Description: The 1950s was a decade rife with contradictions. On the one hand the dawning of the Cold War led to a culture and politics of conservatism. Many American families withdrew into a private world of suburbia, corporate culture, and consumerism. At the same time counter-culture movements such as the Beats challenged the status quo. Most significantly, the Civil Rights Movement revealed fundamental injustices in American society. This course will explore the contradictions of the 1950s through an examination of social, political, and cultural history. We will explore the complexity of the decade through fiction, autobiography, film, and music. We will also discuss the significance of the 1950s for understanding contemporary American politics and culture.

Department: History
Course: HIS 305W
Title: American Health Policy & Politics
Cross-listed: HIS 405; PM 420
Instructor: Brown, T.
Restrictions: Permission of instructor required
Coursework: Weekly seminar discussion. One 5-page analytical paper and one 20-page research paper required.
Description: This course examines the formation and evolution of American health policy from a political and historical perspective. Concentrating primarily on developments from 1932 to the mid-1990s, readings and seminar discussions focus on political forces and institutions and on historical and cultural contexts. Among the topics covered are periodic campaigns for national health insurance, efforts to rationalize and regionalize health care institutions, the creation of Medicare and Medicaid and the further evolution of these programs, the rise of dominance of economists and economic analysis in the shaping of health policy, incremental and state-based vs. universal and federal initiatives, and the formation and failure of the Clinton administration's health reform agenda.

Department: History
Course: HIS 308W
Title: Modernity and Modernism: Liberalism
Cross-listed: HIS 408
Instructor: Westbrook, R.
Coursework: Two short papers (1000-1500 words) and one longer paper (4000-5000 words). No prerequisites.
Description: A study of selected topics in the history of modern thought and culture in Europe and the United States. Topic for Fall 2006: Liberalism. Investigation of major themes, texts, and contexts in the history of liberal political theory since the late seventeenth century--mostly but not entirely Anglo-American. Readings from Locke, Kant, Jefferson, Tocqueville, Mill, Dewey, Rawls, Habermas, Rorty--among others.

Department: History
Course: HIS 310W
Title: World War II - The Eastern Front
Cross-listed: HIS 410; RST 310
Instructor: Leno, M.
Description: This course is centered on class discussion of the readings. There will be little lecture time. We will focus on the history of the Soviet Union's struggle with Nazi Germany from 1941-1945, the largest and bloodiest military conflict in human history. Readings will deal with the Holocaust, the history of military operations, the Red Army's "learning curve" in its battle with the Wehrmacht, and everyday life on Nazi-occupied territory as well as the Soviet "home front." Viewing and discussion of documentary and fictional films will be a significant part of the class.

Department: History
Course: HIS 330W
Title: Russia in East Asia
Instructor: Leno, M.
Restrictions: Permission of instructor required
Description: Russia in East Asia is an advanced seminar for students who are familiar with the outlines of 20th century international history in East Asia and Europe. Some knowledge of internal Russian and Soviet history is desirable but not required. The class will begin with study of various approaches for analyzing the relations between societies: balance of power realism, world systems theory, and anthropological/cultural analyses. We will then use these analytical tools to examine relations between Russia and neighboring societies in East Asia over the last 150 years, beginning with the Chinese cession of the Amur region to Russia in 1858 and concluding with discussion of current competition for access to fossil fuel resources in the region. We will discuss episodes such as the Russian-Chinese-Japanese competition for influence in Korea in the 1880s, the construction of the Trans-Siberian Railway, the Russo-Japanese War, Soviet border policy and the undeclared war with Japan in the 1930s, the Soviet deportation of 700,000 Koreans from border regions in 1937-1938, the Korean War of 1950-1953, and Sino-Soviet relations after the victory of the Chinese Communist revolution in 1949. class will be mostly devoted to discussion of readings and preparation of a final paper.

Department: History
Course: HIS 333W
Title: US Colloquium I
Cross-listed: HIS 433
Instructor: Hudson, L.
Restrictions: Permission of Department required
Description: This seminar surveys the historiography of colonial and Antebellum America, stressing the ways in which scholarly interpretations of topics and events in these periods have changed over the last century. Through reading a blend of classic works and recent studies, we will explore the history of pre-1865 history by examining changing research questions, theory, philosophy and methodology.

Department: History
Course: HIS 343W
Title: Race and the American City
Cross-listed: AAS 343; HIS 443
Instructor: Wolcott, V.
Restrictions: Permission of instructor required for undergraduates
Exams: Midterm and Final Examination
Coursework: Two papers, 5-7 pages
Description: Race has played a major role in defining the physical, cultural, and political environment of American cities. This course will explore the role of race in urban history in the nineteenth and twentieth centuries. Cities were utopian destinations for generations of immigrants and native-born African-Americans. Yet, those same cities were marked by racial prejudice, concentrations of poverty, and political corruption. We will examine these contradictions by analyzing the experiences of African American, Latino, and Asian residents of urban centers.

Department: History
Course: HIS 350W
Title: Topics in Medieval History - The Autumn of the Middle Ages?
Cross-listed: HIS 450
Instructor: Kaeuper, R.
Prerequisites: Several courses in Medieval history
Restrictions: Permission of instructor required for undergraduates
Description: With a focus on such essential themes as governance, public order, and the nature of lived religion, this seminar examines issues currently under intense historical debate in relation to the era traditionally considered the close of the Middle Ages. The geographical focus will be on northwestern Europe (but not limited there, if student interest lies elsewhere in Europe). Specifically we will investigate the idea of a late medieval crisis of public order, arguments over supposed New Monarchies, and the state of popular piety in the late medieval church on the eve of the Protestant Reformation.

Department: History
Course: HIS 356W
Title: The Atlantic Slave Trade and Africa, 1650-1850
Cross-listed: AAS 375W; ECO 385W; HIS 456
Instructor: Inikori, J.
Exams: No mid-term, no final exam
Coursework: Weekly literature summaries, three three-page conference papers, and one book review
Description: By the middle decades of the nineteenth century a highly integrated economic system, appropriately called the Atlantic Economic Order, had emerged, linking together through a web of multilateral trade the economies of the Atlantic basin that had remained unconnected in the late fifteenth century. The economies of Africa occupied the lowest position within this mid-nineteenth century economic order. The course examines the extent to which the Trans-Atlantic Slave Trade could help explain this weak position of the African economies. The course begins with a general view of the level of socioeconomic development in Africa by the late fifteenth century, relative to that of other regions in the Atlantic basin. It proceeds to examine the impact of the Atlantic slave trade on the competitive development of commodity production in Africa for the evolving Atlantic market of the period, as well as the socioeconomic and political consequences of the export slave trade within Africa. One major theme of the course is the extent to which the Trans-Atlantic Slave Trade limited the development of capitalism in Africa during the period in question.

Department: History
Course: HIS 360W
Title: War, Money, and Ordinary People - Topics in European History, 1648-1789
Cross-listed: HIS 460
Instructor: Outram, D. **Class Size:** 20
Restrictions: Permission of instructor required for undergraduates
Description: This course covers topics such as the changing nature of warfare, the lives of ordinary people, how the state attempted to control their private lives. It also looks at the global world which had emerged along with the growth of national feeling.

Department: History
Course: HIS 377W
Title: Topics in Early American History
Cross-listed: HIS 477
Instructor: Jarvis, M.
Restrictions: Permission of instructor required
Description: This seminar introduces students to recent scholarship in the study of early America. Topics and approaches may include slavery and the formation of African-American culture, Revolutionary resistance, Euro-Indian encounters, religion and witchcraft, micro-history, gender roles, warfare, and environmental history. Using selected monographs, we will not only examine various interpretations of past events, but also dissect texts to discern how historians use evidence from the past to construct historical narratives - how historians "make" history.

Department: History
Course: HIS 384W
Title: Urban Change and City Politics
Cross-listed: HIS 484; PSC 241W
Instructor: Gamm, G.
Description: Please see PSC 241W for the course description.

Department: History
Course: HIS 404
Title: The Beats & Beyond
Cross-listed: HIS 304W
Instructor: Wolcott, V.
Description: Please see HIS 304W for the course description

Department: History
Course: HIS 405
Title: American Health Policy & Politics
Cross-listed: HIS 305W; PM 420
Instructor: Brown, T.
Description: Please see HIS 305W for the course description.

Department: History
Course: HIS 408
Title: Modernity and Modernism: Liberalism
Instructor: Westbrook, R.
Description: Please see HIS 308W for the course description.

Department: History
Course: HIS 410
Title: World War II - The Eastern Front
Cross-listed: HIS 310W; RST 310
Instructor: Leno, M.
Description: Please see HIS 310W for the course description.

Department: History
Course: HIS 430
Title: Russia in East Asia
Instructor: Leno, M.
Description: Please see HIS 330W for the course description.

Department: History
Course: HIS 433
Title: US Colloquium I
Cross-listed: HIS 333W
Instructor: Hudson, L.
Description: Please see HIS 333W for the course description.

Department: History
Course: HIS 439
Title: America at War - The Civil War & Reconstruction
Cross-listed: HIS 339
Instructor: Hudson, L.
Description: As is so often the case, a nation experiences profound changes during a major war. This course will examine the major events that led to the Civil War and consider the war's impact on the nation's political, social, and economic order. The course will be organized around a set of readings that suggest there existed two distinct views as to how the new nation would be organized. Once these views clashed, the nation was thrown into a bloody war the demands of which led to the incorporation of changes that had the effect of resolving the very issues that had propelled the nation into war. The readings will, therefore, suggest that not only was the Civil War inevitable but that it was a prerequisite for lasting national unity. We will examine the changing ideas about nation, place, race, and gender, and ask: did the North and South differ in their interpretations of concepts such as democracy, self-government, self-control, individualism, egalitarianism and freedom?

Department: History
Course: HIS 443
Title: Race and the American City
Cross-listed: AAS 343; HIS 343W
Instructor: Wolcott, V.
Description: Please see HIS 343W for the course description.

Department: History
Course: HIS 450
Title: Topics in Medieval History - The Autumn of the Middle Ages
Cross-listed: HIS 350W
Instructor: Kaeuper, R.
Description: Please see HIS 350W for the course description.

Department: History
Course: HIS 456
Title: The Atlantic Slave Trade and Africa, 1650-1850
Cross-listed: AAS 375W; ECO 385W; HIS 356W
Instructor: Inikori, J.
Description: Please see HIS 356W for the course description.

Department: History
Course: HIS 460
Title: War, Money, and Ordinary People: Topics in European History, 1648-1789
Cross-listed: HIS 360W
Instructor: Outram, D.
Description: Please see HIS 360W for the course description.

Department: History
Course: HIS 477
Title: Topics in Early America
Cross-listed: HIS 377W
Instructor: Jarvis, M.
Description: Please see HIS 377W for the course description.

Department: History
Course: HIS 484
Title: Urban Change & City Politics
Cross-listed: HIS 384W; PSC 241W
Instructor: Gamm, G.
Description: Please see PSC 241W for the course description.

Department: History
Course: HIS 500
Title: Problems in Historical Analysis
Instructor: Outram, D.
Coursework: Students will write reports in rotation on the assigned topics and deliver them orally, and will write a final paper on a theme arising from those discussed in the course.
Description: This course is required of incoming graduate students in their first semester in the Department of History. It aims to introduce graduate students about to make a commitment to historical study to major questions in the field, and to the history of the profession. The course is envisaged as a reading and discussion seminar.

Judaic Studies

Department: Judaic Studies
Course: JST 101
Title: Elementary Hebrew I
Cross-listed: HEB 101
Instructor: Fix, T.
Description: Please see HEB 101 for the course description.

Department: Judaic Studies
Course: JST 103
Title: Intermediate Hebrew
Cross-listed: HEB 103
Instructor: Fix, T.
Description: Please see HEB 103 for the course description.

Department: Judaic Studies
Course: JST 106
Title: Intro to Hebrew Bible
Cross-listed: REL 101
Instructor: Meredith, A.
Description: Please see REL 101 for the course description.

Department: Judaic Studies
Course: JST 203
Title: History of Judaism
Cross-listed: REL 103
Description: Please see REL 103 for the course description.

Linguistics

Department: Linguistics
Course: LIN 101
Title: People and Their Language
Exams: Midterm, Final
Coursework: Weekly readings and assignments, term project.
Description: This introductory level course is designed for students who have no background in linguistics, with some new topics for students who do. The course addresses the basic question "What is Language?" from a broad variety of perspectives including linguistics, sociolinguistics, historical linguistics, sign language linguistics and gesture study. We will consider questions such as: What elements are found in all human languages? Are they systematically organized or random? Are some languages/dialects better than others? What is the relationship between written and spoken language? How does manual gesture relate to spoken language, and to sign language? How do languages develop? Die? How are they related? In exploring these questions we will confront a variety of common misperceptions about language. Each lecture has reading assignments drawn from the textbook and published articles. Class discussion will be encouraged as much as possible. Part of Clusters S1LIN006, S1LIN002

Department: Linguistics
Course: LIN 103
Title: Language and Sexuality
Cross-listed: WST 103
Instructor: Runner, J.
Description: This course will investigate various aspects of language as used by members of sexual minority groups, focusing on language of and about gay men, lesbians, bisexuals and transgendered people, including "reclaimed epithets" (e.g., 'dyke' and 'queer'), gender vs. sexuality vs. sex, and the role of language in creating/maintaining sexual categories and identities. Part of Cluster S1LIN006

Department: Linguistics
Course: LIN 110
Title: Introduction to Linguistic Analysis
Cross-listed: ANT 110
Instructor: Gunlogson, C. **Class Size:** 30
Description: This course investigates the structure of human language, covering the basic techniques and concepts in the subfields of contemporary linguistic analysis. The course emphasizes work in primary material and data analysis, and focuses on developing skills in data collection and defining relevant questions for the purpose of seeking evidence that will bear on resolving theoretical and empirical questions in analysis of language. Part of Clusters S1LIN004, S1LIN002, S1LIN007, S1LIN001, S1LIN005

Department: Linguistics
Course: LIN 205
Title: Historical Linguistics
Instructor: Paauw, S. **Class Size:** 30
Description: Examination of language change through time.

Department: Linguistics
Course: LIN 210
Title: Introduction to Language Sound Systems
Cross-listed: LIN 410
Instructor: McDonough, J. **Class Size:** 30
Prerequisites: LIN 110 or permission of instructor
Coursework: Weekly homeworks, final project and problem set.
Description: Introduces students to the principles underlying sound systems in human language. Attention will be given to articulatory phonetics, with some discussion of acoustic phonetics; practice in the production, recognition, and transcription of sounds in various languages of the world, and to the fundamentals of phonological analysis and argumentation through hands-on investigation of language sound systems. Part of Clusters S1LIN004, S1LIN002, S1LIN001

Department: Linguistics
Course: LIN 225
Title: Introduction to Semantic Analysis
Cross-listed: LIN 425
Instructor: Carlson, G. **Class Size:** 30
Description: This course introduces students to the basic logical notation and techniques used in formal analysis of natural language meaning, primarily in terms of truth-conditions. We will discuss the basics of first-order logic and set theory, and begin to investigate how meanings represented in these terms correlate with the syntactic and lexical structures of sentences of natural language. Topics include such notions as negation, conjunction and disjunction, plurality, quantification, indexicality, entailment, implicature, and presupposition. Students of graduate standing or those with strong formal backgrounds should consider starting with LIN 265/465 instead, for which this course is ordinarily prerequisite. This course counts towards satisfying the core course requirement for majors. Part of Clusters S1LIN002, S1LIN004, L1LIN005

Department: Linguistics
Course: LIN 226
Title: Morphology
Instructor: Paaaw, S. **Class Size:** 30
Restrictions: See course description for specific prerequisites required
Description: The course examines the structure and definition of the linguistic unit "word" its typology and the relationship of the morphological component to other levels in the grammar. The course includes an introduction to analytical techniques with emphasis placed on an examination of data from a range of languages. The building blocks of words will be analyzed and topics such as affixation, reduplication and inflectional and derivational morphology will be covered. We will examine the properties of words and how they fit into the larger structure of linguistic knowledge, including the relationship between words and syntactic structure (ex., phrases and sentences) and the relationship between words and phonological structure (ex., phonological rules and prosodic structure).

Department: Linguistics
Course: LIN 410
Title: Introduction to Language Sound Systems
Cross-listed: LIN 210
Instructor: McDonough, J. **Class Size:** 30
Description: Please see LIN 210 for the course description

Department: Linguistics
Course: LIN 448
Title: Speech Recognition and Statistical Language Models
Cross-listed: CSC 448 BCS 533 BCS 233 LIN 248
Instructor: Allen, J.
Prerequisites: CSC 172 and either CSC 240 or CSC 242
Description: Please see LIN 248 for the course description.

Mathematics

Department: Mathematics
Course: MTH 140A
Title: Calculus With Foundations
Exams: Two or three hourly exams and weekly quizzes.
Description: A two-semester course integrating the learning of calculus with precalculus mathematics. It is intended for students who lack the algebra and trigonometry skills necessary to perform successfully in MTH 141. When followed by MTH 141A, MTH 140A and MTH 141A together will cover all the material in MTH 141, together with a thorough presentation of the standard 'precalculus' material. When taken alone, MTH 140A covers, in addition to precalculus material, the theory and techniques of differential calculus, but no material on the integral calculus.

Department: Mathematics
Course: MTH 141
Title: Calculus I
Coursework: Homework and quizzes
Description: Analysis of the elementary real functions: algebraic, trigonometric, exponentials and their inverses and composites. Their graphs, derivatives, and integrals. Mean value theorem, maxima and minima, curve plotting. The fundamental theorem of calculus, with geometric and physical applications. MTH 141, 142, and 143 is a three semester sequence that covers, at a slower pace, exactly the same material as the two semester sequence MTH 161 and 162.

Department: Mathematics
Course: MTH 142
Title: Calculus II
Prerequisites: MTH 141
Exams: Hourly exams and a final exam
Coursework: Homework and quizzes
Description: This course will consist of applications of the finite integrals, techniques of integration, calculus of the transcendental functions, improper integrals and the use of l'Hopital's rule.

Department: Mathematics
Course: MTH 143
Title: Calculus III
Prerequisites: MTH 141, MTH 142
Exams: Hourly exams and a final exam
Coursework: Homework and quizzes
Description: Textbook is a standard calculus text. This is the third semester of a three-semester calculus sequence. Topics include improper integrals, l'Hopital's rules, infinite sequences and series, Taylor's series, three-dimensional geometry and vector algebra, curves in space, partial derivatives. Weekly lists of exercises form the syllabus for the weekly quizzes.

Department: Mathematics
Course: MTH 150
Title: Discrete Mathematics
Description: Logic, functions, algorithms, mathematical reasoning, mathematical induction, recurrence relations, techniques of counting, equivalence relations, graphs, trees, as well as specific questions given by the "Towers of Hanoi", and Euler's "7 bridges of Konigsberg problem". Required for Computer Science majors.

Department: Mathematics
Course: MTH 161
Title: Calculus IA
Exams: Two or three hourly exams and a final exam
Coursework: Lectures with assignments or problems to be discussed in weekly recitation sections. Quizzes given in recitations.
Description: This is an introductory calculus course, intended for students whose interests lie in the physical sciences and engineering. The course requires a thorough command of high school algebra and some knowledge of trigonometry. Topics include: analysis of the elementary real functions; algebraic, trigonometric, exponentials and their inverses and composites; their graphs, derivatives and integrals; Limits, l'Hopital's rules, Mean value theorem, maxima and minima, curve plotting. The fundamental theorem of calculus, with geometric and physical applications.

Department: Mathematics
Course: MTH 161Q
Title: Quest Calculus IA
Coursework: Homework includes more challenging and occasionally more theoretical problems.
Description: This is the first semester of the Quest version of MTH 161-162 which places emphasis on understanding concepts as well as on learning techniques. Students contemplating majoring in mathematics as well as others desiring a strong foundation in calculus are encouraged to take this course or the honors sequence. The Quest versions of MTH 161-2 are considered to be year long courses; both semesters will be taught by the same professor and students are strongly encouraged to stay with that professor for the entire year. The course introduces the techniques of the differential and integral calculus of functions; reinforces algebraic manipulation and trig techniques learned in high school; provides tools for use in other disciplines; uses proofs to help make the techniques a coherent whole, rather than a set of isolated tricks; rigorous proofs, providing guarantees that the techniques always work. Topics covered: Analysis of the elementary real functions: algebraic, trigonometric, exponentials and their inverses and composites. Their graphs, derivatives, and integrals. Mean value theorem, maxima and minima, curve plotting. The fundamental theorem of calculus, with geometric and physical applications.

Department: Mathematics
Course: MTH 162
Title: Calculus IIA
Prerequisites: MTH 161
Exams: Hourly exams, final exam
Coursework: Homework and quizzes
Description: This course is a continuation of MTH 161. It covers techniques of integration, improper integrals, applications of integration, parametric and polar equations, infinite series, Taylor's series, vectors in two and three dimensions, lines and planes,

Department: Mathematics
Course: MTH 162Q
Title: Quest Calculus IIA
Prerequisites: Quest Calculus IA
Exams: Two or three exams and a final
Description: This is the second semester of the Quest version of MTH 161-162 which places emphasis on understanding concepts as well as on learning techniques. Homework includes more challenging and occasionally more theoretical problems. Students contemplating majoring in mathematics as well as others desiring a strong foundation in calculus are encouraged to take this course or the honors calculus course. The Quest versions of MTH 161-2 are considered to be year-long courses; both semesters will be taught by the same professor and students are strongly encouraged to stay with the same professor for the entire year. The course introduces the techniques of the differential and integral calculus of functions; reinforces algebraic manipulation and trig techniques learned in high school; provides tools for use in other disciplines; uses proofs to help make the techniques a coherent whole rather than a set of isolated tricks; rigorous proofs. Topics covered: analysis of the elementary real functions: algebraic, trigonometric, exponentials and their inverse and composites. Their graphs, derivatives, and integrals. Mean value theorem, maxima and minima, curve plotting. The fundamental theorem of calculus, with geometric and physical applications.

Department: Mathematics
Course: MTH 163
Title: Ordinary Differential Equations
Prerequisites: MTH 143, MTH 162 or MTH 172.
Exams: Two or three hourly exams and a final
Coursework: Homework and weekly quizzes
Description: This course concentrates on the foundations of the subject, emphasizing those techniques which are important in physics and engineering. The emphasis in this course, as in the other calculus courses, is on learning techniques for solving, or at least understanding, certain equations (which occur frequently in physics and engineering), rather than on the theoretical aspects of the subject. Topics covered: First order differential equations, linear equations, and systems with constant coefficients, solutions in series, phase plane analysis and stability.

Department: Mathematics
Course: MTH 164
Title: Multidimensional Calculus
Prerequisites: MTH 143, MTH 162, or MTH 172.
Exams: Two or three hourly exams and a final exam
Coursework: Lectures, homework and quizzes
Description: This course studies the calculus in more than one dimension. Topics include partial derivatives, multiple integrals, and the major theorems of Green, Gauss, and Stokes. NOTE: Either MTH 164 or MTH 163 can be taken after MTH 162 or MTH 143. The usual procedure would be to take MTH 164 followed by MTH 163. USUALLY MTH 164 (Multidimensional Calculus) is taken first since its subject matter is more closely related to MTH 162. However, some Engineering majors require MTH 163 (Differential Equations) to be completed by the end of the fall semester of the sophomore year.

Department: Mathematics
Course: MTH 165
Title: Linear Algebra with Differential Equations
Prerequisites: MTH 143, 162, or MTH 172Q. However, MTH 164 is not a prerequisite for MTH 165.
Exams: Two or three hourly exams and a final
Description: An introduction to the basic concepts of linear algebra: matrices, determinants, vector spaces and linear transformations, as well as to ordinary differential equations with an emphasis on linear differential equations, second order equations with constant coefficients and systems of differential equations. Applications to physical, engineering, and life sciences. This course differs from MTH163 in that it has more material on linear algebra (including a discussion of eigenvalues), and the only differential equations covered are linear ones with constant coefficients, along with systems thereof. For many students, taking MTH165 will eliminate the need to take MTH235 (linear algebra). Topics covered: Elementary methods, linear equations, and systems with constant coefficients, solutions in series, special functions, phase plane analysis and stability, Laplace transform, extremal problems.

Department: Mathematics
Course: MTH 171Q
Title: Honors Calculus I
Exams: Hourly exams and a final.
Description: This sequence teaches calculus as an interesting subject in its own right. There is comparatively more emphasis on understanding why the calculus works and less on applications to physical sciences. The emphasis is quite different from most high school courses which bothers some students and excites others. Students completing this sequence successfully will earn 20 credits (5 credits per semester) and will have covered the material in MTH235. In addition it is possible to receive 4 credits for AP courses. Students completing the sequence will have completed all of the foundation requirements for a major or minor in mathematics. It is possible to switch from MTH171 sequence to the MTH161 sequence anytime in the first year without much trouble. It would be unusual to transfer from the MTH161 sequence to the MTH171 sequence.

Department: Mathematics
Course: MTH 173Q
Title: Honors Calculus III
Prerequisites: MTH 162
Description: Elementary methods; linear equations of first order; linear equations and systems of higher order with constant coefficients. Oscillation theorems. Solutions in series, special functions; the Laplace transforms, existence and uniqueness theorems.

Department: Mathematics
Course: MTH 190
Title: Topics in Problem Solving
Instructor: Geba, D.
Prerequisites: none
Description: This course is intended for students interested in developing problem solving skills in Mathematics. This course will also prepare the students for college-level mathematical competitions (e.g. Putnam).

Department: Mathematics
Course: MTH 201
Title: Introduction to Probability
Prerequisites: MTH 162 or equivalent, MTH 164 recommended. Same as STT 201.
Description: This course is an introduction to probability theory. The following topics are discussed: probability spaces; combinatorial problems; random variables and expectations; discrete and continuous distributions; generating functions; independence and dependence; binomial, normal, and Poisson laws; laws of large numbers. Required by Electrical and Computer Engineering majors.

Department: Mathematics
Course: MTH 208
Title: Operation Research
Description: This course is an introduction to operations research. The following topics are discussed: linear programming, simplex method, duality theory, sensitivity analysis, transportation problem, assignment problem, Karmakar's algorithm, genetic algorithms, game theory, networks.

Department: Mathematics
Course: MTH 210
Title: Introduction to Financial Mathematics
Prerequisites: MTH 201
Description: An introduction to some of the mathematical concepts and techniques underlying finance theory. The main financial applications will be to arbitrage pricing theory and option pricing.

Department: Mathematics
Course: MTH 217
Title: Mathematical Modeling in Political Science
Description: Elementary game theory applications (Nash Equilibria, Prisoner's Dilemma, Chicken); measures of voting power; social choice (Arrow's Theorem), conflict escalation.

Department: Mathematics
Course: MTH 230
Title: Number Theory w/Applications
Description: The theory of numbers is a broad subject with many connections to other parts of mathematics as well as to computer science, physics, and cryptography. It is the study of the properties of the natural numbers. Partial list of topics to be covered: Divisibility theory and Euclid's algorithm, the theory of congruences, The distribution of prime numbers, primitive roots, the law of quadratic reciprocity, sums of squares, factoring and primality testing, public key cryptosystems.

Department: Mathematics
Course: MTH 235
Title: Linear Algebra
Prerequisites: MTH 165
Description: In this course we develop matrix methods for determining the solvability of and finding solutions to systems of linear equations in several variables. We study linear transformations on finite-dimensional vector spaces over \mathbb{R} (real numbers) and \mathbb{C} (complex numbers), which includes a development of the concepts of an inner product, orthogonality, a basis of a vector space, and eigenspaces of linear transformations.

Department: Mathematics
Course: MTH 237
Title: Intro to Algebra II
Prerequisites: MTH 236
Description: MTH 237 is a continuation of MTH 236, group theory. Topics include commutative rings, principal ideal domains, and algebraic extension fields. Any one considering graduate work in mathematics should know this material. If time permits, the course will give proofs using field theory of the unsolvability of the classical problems of "trisecting angles", "doubling the cube", "squaring the circle", and "solving 5th degree polynomials".

Department: Mathematics
Course: MTH 255
Title: Differential Geometry I
Prerequisites: MTH 164 and MTH 235, or MTH 174
Description: This course builds on MTH 164 to describe calculus on curves, surfaces, and higher-dimensional manifolds. It provides useful tools for theoretical physics (in particular relativity theory) and the theory of hydrodynamics. It is also a useful basis for computer graphics. Topics covered include inverse and implicit function theorems; submanifolds of Euclidean spaces in nonparametric, parametric and implicit forms; differential forms and calculus on manifolds.

Department: Mathematics
Course: MTH 265
Title: Functions of a Real Variable I
Prerequisites: MTH 163 and MTH 164 or 174, or equivalent.
Description: This course will provide a rigorous introduction to the study of functions of a real variable. Topics include uniform continuity, mean value theorems, convergence theorems, and integration. Students will be expected to prove theorems and give mathematically rigorous arguments.

Department: Mathematics
Course: MTH 265H
Title: Functions of a Real Variable I (Honors)
Prerequisites: MTH 163 or MTH 164 or MTH 174.
Description: Honors version of MTH 265.

Department: Mathematics
Course: MTH 280
Title: Introduction to Numerical Analysis
Cross-listed: STT 280
Prerequisites: MTH 162 or equivalent
Description: The numerical solution to mathematical problems by computer. Linear systems, approximation, integration, and differential equations. Floating point arithmetic and consequent pitfalls of computation.

Department: Mathematics
Course: MTH 281
Title: Introduction to Fourier Analysis
Cross-listed: ME 201
Prerequisites: (MTH 163 or MTH 173) and (MTH 164 or MTH 174). Equivalent to ME 201.
Description: Fourier Series and convergent theorems. Orthogonal polynomials. Applications to partial differential equations. Fourier transforms.

Department: Mathematics
Course: MTH 436
Title: Algebra I
Prerequisites: MTH 237
Restrictions: Permission of instructor required for undergraduates
Description: Rings and modules, group theory, Galois theory.

Department: Mathematics
Course: MTH 440
Title: General Topology I
Prerequisites: MTH 265
Restrictions: Permission of instructor required for undergraduates
Description: Continuity. Compactness, connectedness, metrizable. Product spaces.

Department: Mathematics
Course: MTH 467
Title: Theory of Analytic Functions I
Prerequisites: MTH 265 or equivalent
Restrictions: Permission of instructor required for undergraduates
Description: Cauchy theorems, Taylor and Laurent series, residues, conformal mapping, analytic continuation, product theorems.

Department: Mathematics
Course: MTH 472
Title: Functional Analysis I
Prerequisites: MTH 471
Restrictions: Permission of instructor required for undergraduates
Description: Banach spaces. Dual spaces. Riesz theorem. Hilbert space. Fourier series. Projective and unitary operators. Spectral analysis of completely continuous self-adjoint operators. Applications.

Modern Languages & Cultures -- Chinese

Department: Modern Languages & Cultures -- Chinese
Course: CHI 101
Title: Elementary Chinese I
Instructor: Yu, S.
Description: This 6-credit course is designed for beginners of Chinese. It introduces to students the sounds, basic sentence structures and the writing system of Mandarin Chinese. Pinyin, the phonetic translation system is taught and required throughout the course. Emphasis will be on developing listening and speaking skills as well as building a vocabulary based on 400 ideographic characters. Course work includes 3 weekly recitation sessions.

Department: Modern Languages & Cultures -- Chinese
Course: CHI 114
Title: Conversational Chinese
Instructor: Yu, S. **Class Size:** 15
Prerequisites: CHI 102 or equivalent, 800 characters.
Description: This is a 2 credit course which may be taken twice for credit. Emphasis on speaking skills with a focus on current issues in Chinese culture and society. May be taken concurrently with CHI 151 or CHI 152.

Department: Modern Languages & Cultures -- Chinese
Course: CHI 151
Title: Intermediate Chinese I
Instructor: Yu, S. **Class Size:** 20
Prerequisites: CHI 102 or permission of instructor, 800 characters.
Description: This 6 credit course is the continuation of CHI 102. Knowledge of the Pinyin system is required for the purpose of pronunciation. The course continues to focus on developing communicating skills with an increasing emphasis on reading and writing in ideographic characters and expanding vocabulary. Course work includes 3 weekly recitation sessions. It aims to build a vocabulary based on 1200 characters.

Department: Modern Languages & Cultures -- Chinese
Course: CHI 202
Title: Advanced Intermediate Chinese
Instructor: Yu, S.
Prerequisites: CHI 152 or equivalent, 1600 characters.
Description: This 4 credit course covers various aspects of contemporary Chinese culture as found in magazines, journals, television, film and videos. Class taught in Chinese.

Department: Modern Languages & Cultures -- Chinese
Course: CHI 232
Title: Asian Calligraphy: Structure
Cross-listed: JPN 232
Instructor: Spence, Y. **Class Size:** 20
Description: Please see JPN 232 for the course description.

Modern Languages & Cultures - Comparative Literature

Department: Modern Languages & Cultures - Comparative Literature
Course: CLT 101B
Title: Barcelona & Mediterranean Culture
Cross-listed: SP 290
Instructor: Schaefer, C. **Class Size:** 20
Coursework: Five short papers; final paper.
Description: This course examines the long and complex culture and history of Barcelona, from its origins as a Roman military outpost through two millennia of fiercely independent culture to its modern incarnation as one of Mediterranean Europe's most dynamic international cities. A site of superb architectural treasures from the Barri Gotic to Gaudi's most exotic fantasies, this capital of Catalunya has been driven by a deep-rooted sense of regional identity, a rich literary tradition, a powerful entrepreneurial spirit, a politics interwoven with anarchist zeal, and a connection both geographically and culturally to the rest of the Mediterranean. Called "the great enchantress" by those inexorably drawn to her, Barcelona has produced writers, artists, performers, and philosophers of world renown, including Ramon Llull, Joan Maragall, Pablo Picasso, Joan Miró, Salvador Dalí, Antoni Gaudí, philosopher Eugeni d'Ors, novelist Merce Rodoreda, and film directors Bigas Luna and Ventura Pons. Course includes written texts (history, literature, culture), films, art and art history, politics (from Francoist times to today), and popular culture in order to discuss what makes Barcelona a Mediterranean City and what links it to Valencia, the Islas Baleares, Southern France, Italy, and beyond. Taught in English. Written work in Spanish for SP 290 credit.

Department: Modern Languages & Cultures - Comparative Literature
Course: CLT 101Z
Title: Power of Popular Culture
Cross-listed: SP 271
Instructor: Schaefer, C.
Description: Popular culture can be considered as referring to the artifacts produced and consumed by the people or, conversely, as an inferior mode if compared to quality artistic products marketed to limited audiences. This course examines the interaction between positions of power and social control and the production of culture in modern societies, especially Hispanic societies but in the broader U.S. context as well. What is authentic culture and whose interests does it serve? What does commercialism have to do with these forms of expression? Using the analytical tools of feminism, Marxism, cultural populism, and semiotics we study popular genres such as comics and cartoons, detective stories, graphic novels and the fotonovela, telenovelas (soap operas), the novela rosa (romance novels), Cold War propaganda posters, graffiti art, and even Bugs Bunny to assess the uses and abuses of popular power. We also explore the subversion of popular genres for lucrative ends (how to make money off Spider Man, for example). Theories of popular culture will be compared and contrasted; texts are drawn from a variety of written and visual sources. Class taught in English. Some readings and all papers may be done in Spanish for SP credit.

Department: Modern Languages & Cultures -- Comparative Literature
Course: CLT 116Q
Title: Dante's Divine Comedy I, Inferno and Purgatorio
Cross-listed: IT 195Q, 220/REL 197Q, 285/CLT 253C/ENG
Instructor: Stocchi-Perucchio, D.
Description: Please see IT 220 for the course description.

Department: Modern Languages & Cultures - Comparative Literature
Course: CLT 207B
Title: In Arezzo - Italy: A Cultural Mosaic in an Intercultural Context
Cross-listed: IT 276, IT 228
Instructor: Aviani, M., Cseri-Briones, P., Gross, K., Siniscalco, F., Stocchi-Perucchio, D.
Description: Please see IT 276 for the course description.

Department: Modern Languages & Cultures - Comparative Literature
Course: CLT 207C
Title: Great Moments in the Formation of Modern Italy - (Arezzo, Italy)
Cross-listed: IT 228/HIS 228
Description: Please see IT 228 for the course description.

Department: Modern Languages & Cultures - Comparative Literature
Course: CLT 208E
Title: Great Cities: Tokyo
Cross-listed: JPN 262
Instructor: Pollack, D.
Description: Please see JPN 262 for course description.

Department: Modern Languages & Cultures -- Comparative Literature
Course: CLT 211B
Title: French Film: The New Wave
Cross-listed: FR 280, 480/CLT 411B/FMS 280
Instructor: Willis, S.
Description: Please see FR 280 for the course description.

Department: Modern Languages & Cultures -- Comparative Literature
Course: CLT 211C
Title: History of French Film
Cross-listed: FR 281/481/CLT 411C/FMS 277
Instructor: Willis, S.
Description: Please see FR 281 for the course description.

Department: Modern Languages & Cultures - Comparative Literature
Course: CLT 211F
Title: Identity, Violence, Trauma
Cross-listed: FR 255, FMS 275
Instructor: Willis, S.
Description: Please see FR 255 for the course description.

Department: Modern Languages & Cultures -- Comparative Literature
Course: CLT 212D
Title: German Directors: Fassbinder
Cross-listed: GER 289, 489/CLT 412D/FMS 235
Instructor: Halle, R.
Description: Please see GER 289 for the course description.

Department:	Modern Languages & Cultures - Comparative Literature	Department:	Modern Languages & Cultures -- Comparative Literature
Course:	CLT 212M	Course:	CLT 265E
Title:	Hollywood Behind The Wall: An Introduction to East German Cinema	Title:	Dangerous Texts: Literature and Politics in Russia
Cross-listed:	GER 284/484, CLT 412M, FMS 243	Cross-listed:	RUS 289/289W, RST 289/289W, HIS 243/243W
Description:	Please see GER 284 for the course description.	Instructor:	Parthe, K.
		Description:	Please see RUS 289 for the course description.
Department:	Modern Languages & Cultures - Comparative Literature	Department:	Modern Languages & Cultures - Comparative Literature
Course:	CLT 214N	Course:	CLT 265F
Title:	Tourist Japan	Title:	St. Petersburg In Russian Culture
Cross-listed:	JPN 219A, 219W, 419A/CLT 414N, FMS 298	Cross-listed:	RUS 229/RST 229
Instructor:	Bernardi, J.	Instructor:	Masiennikova, A.
Description:	Please see JPN 219A for the course description	Description:	Please see RUS 229 for course description
Department:	Modern Languages & Cultures - Comparative Literature	Department:	Modern Languages & Cultures - Comparative Literature
Course:	CLT 216A	Course:	CLT 411B
Title:	Mexican Film	Title:	French Film: The New Wave
Cross-listed:	CLT 416A/SP 287A, 487A/FMS 297	Cross-listed:	CLT 211B/FR 280, 480/FMS 280
Instructor:	Rodríguez, R.	Instructor:	Willis, S.
Description:	Please see SP 287A for the course description	Description:	Please see FR 280 for course description.
Department:	Modern Languages & Cultures - Comparative Literature	Department:	Modern Languages & Cultures - Comparative Literature
Course:	CLT 216B	Course:	CLT 412D
Title:	Spanish Film	Title:	German Directors: Fassbinder
Cross-listed:	SP 288/488, CLT 416B, FMS 294	Cross-listed:	CLT 212D/GER 289, 489/FMS 235
Instructor:	Schaefer, C.	Instructor:	Halle, R
Description:	Please see SP 288 for the course description	Description:	Please see GER 289 for course description
Department:	Modern Languages & Cultures - Comparative Literature	Department:	Modern Languages & Cultures - Comparative Literature
Course:	CLT 222B	Course:	CLT 412M
Title:	Gender and Sexuality in the 20th Century	Title:	Hollywood Behind The Wall: An Introduction to East German Cinema
Cross-listed:	CLT 422B/GER 272/WST 272	Cross-listed:	GER 284/484, CLT 212M, FMS 243
Description:	Please see GER 272 for the course description	Description:	Please see GER 284 for Course Description.
Department:	Modern Languages & Cultures -- Comparative Literature	Department:	Modern Languages & Cultures - Comparative Literature
Course:	CLT 241J	Course:	CLT 414N
Title:	Caribbean Novel and Theory	Title:	Tourist Japan
Cross-listed:	CLT 441J/FR 274, 474	Cross-listed:	CLT 214N/JPN 219A, 219W, 419A/FMS 298
Instructor:	Kemedjio, C.	Instructor:	Bernardi, J.
Description:	Please see FR 274 for the course description.	Description:	Please see JPN 219A for course description
Department:	Modern Languages & Cultures -- Comparative Literature	Department:	Modern Languages & Cultures - Comparative Literature
Course:	CLT 246B	Course:	CLT 416A
Title:	Facing Facts: Nonfiction Writing in 20th Century Latin America	Title:	Mexican Film
Cross-listed:	CLT 446B/SP 261, 461/WST 270	Cross-listed:	CLT 216A/SP 287A, 487A/FMS 297
Instructor:	Jorgensen, B.	Instructor:	Rodríguez, R.
Description:	Please see SP 261 for the course description.	Description:	Please see SP 287A for course description
Department:	Modern Languages & Cultures -- Comparative Literature	Department:	Modern Languages & Cultures - Comparative Literature
Course:	CLT 253C	Course:	CLT 422B
Title:	Dante's Divine Comedy I	Title:	Gender and Sexuality In The 20th Century
Cross-listed:	CLT 116Q, 253C/IT 195Q, 220/ENG 206/REL	Cross-listed:	CLT 222B/GER 272/WST 272
Instructor:	Stocchi-Perucchio, D.	Description:	Please see GER 272 for course description
Description:	Please see IT 220 for the course description.		
Department:	Modern Languages & Cultures - Comparative Literature	Department:	Modern Languages & Cultures - Comparative Literature
Course:	CLT 255A	Course:	CLT 446B
Title:	Great Russian Writers	Title:	Facing Facts: Nonfiction Writing in 20th Century Latin America
Cross-listed:	RUS 231, 231W/RST 231, 231W	Cross-listed:	CLT 246B/SP 261, 461/WST 270
Instructor:	Givens, J.	Instructor:	Jorgensen, B.
Description:	Please see RUS 231 for course description	Description:	Please see SP 261 for course description
Department:	Modern Languages & Cultures - Comparative Literature	Department:	Modern Languages & Cultures - Comparative Literature
Course:	CLT 255D	Course:	CLT 462
Title:	Dostoevsky	Title:	Visual & Cultural Studies
Cross-listed:	RST 191Q, RUS 191Q, RUS 237/237W, RST 23	Cross-listed:	AH 383, 583
Instructor:	Givens, J.	Instructor:	Crimp, D
Description:	Please see RST 191Q for the course description.	Description:	Please see AH 383 for course description
Department:	Modern Languages & Cultures -- Comparative Literature	Department:	Modern Languages & Cultures - Comparative Literature
Course:	CLT 257A	Course:	CLT 592
Title:	The Arabian Nights	Title:	Languages Learning and Teaching
Cross-listed:	REL 148/ARA 148	Instructor:	Lutkus, A.
Instructor:	Beaumont, D.	Description:	This course treats of the theory and practice of second language learning and teaching. Students are responsible for in-class discussions of theoretical questions and classroom applications. Grade is based on class participation, a brief oral presentation and written reports on visits to foreign language classes.
Description:	Please see ARA 148 for the course description.		
Department:	Modern Languages & Cultures -- Comparative Literature		
Course:	CLT 264B		
Title:	Modern Japanese Literature		
Cross-listed:	JPN 254/CLT 464B		
Instructor:	Pollack, D.		
Description:	Please see JPN 254 for the course description.		

Modern Languages & Cultures -- French

Department: Modern Languages & Cultures -- French
Course: FR 101
Title: Elementary French I
Instructor: Lutkus, A. **Class Size:** 23
Exams: Occasional quizzes, final exam
Description: French 101 is an introductory language course. Students learn fundamentals of the grammar, culture, and pronunciation of the French language. Emphasis is on developing communicating skills, principally speaking but including listening, reading and writing. There is an obligatory recitation section twice a week in addition to the main class and the work in the multimedia center.

Department: Modern Languages & Cultures -- French
Course: FR 114
Title: Conversational French (2 credits)
Instructor: Lutkus, A. **Class Size:** 15
Prerequisites: FR 102, 151, or equivalent
Exams: Oral Examinations
Description: This course will use short readings on a variety of topics to encourage development of speaking skills. Emphasis on oral practice and acquisition of vocabulary from the book. May be taken concurrently with FR 151 or FR 152 and may be taken twice for credit.

Department: Modern Languages & Cultures -- French
Course: FR 151
Title: Intermediate French I
Instructor: Lutkus, A. **Class Size:** 15
Prerequisites: ETS score of 500 or permission of instructor
Exams: Quizzes, compositions, hour exams
Description: Continuing study of French in its spoken and written forms. Readings in modern French culture and literature will provide a basis for improvement of language skills. Stress will be placed on both personal expression and the development of critical reading technique.

Department: Modern Languages & Cultures -- French
Course: FR 152
Title: Intermediate French II
Instructor: Douchin, A. **Class Size:** 15
Prerequisites: FR 151, or ETS score of 550
Exams: Quizzes, compositions, final exam
Description: A continuation of French 151, this course further develops language skills in the context of readings on French culture and literature. A major work of literature will be read in its entirety.

Department: Modern Languages & Cultures -- French
Course: FR 155
Title: French Conversation and Composition
Description: The most advanced conversation and composition course aims to bring students to a level of proficiency with the spoken language, including its idiomatic forms, and to refine composition skills. Course materials include extensive use of popular French culture, including film.

Department: Modern Languages & Cultures -- French
Course: FR 200
Title: Advanced French I
Instructor: DiPiero, T. **Class Size:** 20
Prerequisites: FR 152 or equivalent
Description: Intensive practice in reading, writing, and speaking French, based on rigorous grammar review and on close readings of short literary and cultural texts. Classroom work emphasizes grammar, speaking, reading and writing French.

Department: Modern Languages & Cultures -- French
Course: FR 204
Title: Contemporary French Culture
Cross-listed: FR 404
Instructor: Kemedjio, C. **Class Size:** 30
Prerequisites: FR 114, 200 or permission of instructor.
Description: This course is designed to provide students with a comprehensive view of French Contemporary culture through major trends of French cultural, political, and intellectual life in the recent years. While we cannot study factual representations of French culture, we will attempt to establish a conceptual framework that would help us in the understanding of complex questions such as: What does it mean to be French?, What is France? What is French culture?, etc.

Department: Modern Languages & Cultures -- French
Course: FR 240
Title: Le Roman francais
Cross-listed: FR 440
Instructor: DiPiero, T.
Description: This course looks at the history of the French novel, from its early history in the late 17th century, through the philosophic and great realistic traditions of the 18th and 19th centuries, and up to and including recent works of fiction. We will study the form and function of the novel, as well as the narrative structures and forms of verisimilitude that authors chose to develop. Authors will include Mme de Lafayette, Voltaire, Diderot, Flaubert, Robbe-Grillet, and others. Readings and class discussion primarily in French.

Department: Modern Languages & Cultures -- French
Course: FR 255
Title: Identity, Violence, Trauma
Cross-listed: FMS 275, CLT 211F
Instructor: Willis, S.
Description: Using memoirs and films, as well as recent theoretical treatments of identity and ethnic conflict and violence, this course will examine representations of traumatic violence generated around identity questions. We will concern ourselves specifically with the conflict and violence that has marked the history of Europe since the mid-the 20th century. We will examine questions of identity in the French context through the work of such theorists as Julia Kristeva, Steven Ungar and Tom Conley, and Amin Maalouf. We will expand from identity theories to testimony from and about the Holocaust--Charlotte Delbo, Primo Levi, Sarah Kofman, Giorgio Agamben, and Wladislaw Szpilman--and to trauma theory as elaborated by Cathy Carruth and Shoshana Felman. Films will include Les Violons du Bal, Au revoir les enfants, The Pianist, The Gray Zone, After the Rain, No Mans Land. Like these last two films, the material for the latter part of the course turns to recent representations of ethnic violence in the Balkans, and to the theoretical work of Ammiel Alcalay and Slavoj Zizek.

Department: Modern Languages & Cultures -- French
Course: FR 274
Title: Caribbean Novel & Theory
Cross-listed: FR 474/CLT 241I/44 II
Instructor: Kemedjio, C.
Description: This course is a study of major Caribbean novels and major theoretical texts. The reading will be structured around the notion of Antillanite or Creolization elaborated by Martinican Edouard Glissant and his heirs Chamoiseau and Confiant of the Creolite movement. The controversial presence of the Other (Africa and France) in the Caribbean, the need to build a Caribbean authenticity in order to participate freely in what Glissant Glissant terms Relation planetaire (Planetary Relations) will also be thoroughly examined.

Department: Modern Languages & Cultures -- French
Course: FR 277
Title: French Colonialism & Its Aftermath
Cross-listed: FR 477
Instructor: Healey, K.
Description: This course will focus on colonial and post-colonial novels from the twentieth century. We will read novels that directly respond to such events as the Colonial Exhibitions, wars of decolonization, neo-colonialism and what has been called cultural colonialism. The course will primarily focus on novels in French that directly respond to changing notions of French imperialism and French national identity. Course readings will begin in the 1930s and end with discussions of contemporary ramifications of these problems in French culture. Writers to be read include Michele Desbordes, Didier van Cauwelaert, Michel Leiris, Lisa Bresner, Amelie Nothomb, Andre Gide, Victor Segalen, Didier Daeninckx, Andree Viollis, Jean-Paul Sartre, and others. Course and readings in French.

Department: Modern Languages & Cultures -- French
Course: FR 280
Title: French Film - The New Wave
Cross-listed: CLT 211B, 411B/FR 480/FMS 280
Instructor: Willis, S. **Class Size:** 30
Description: This course provides a detailed examination of the French filmmakers of the New Wave, from 1959 to 1967. We will examine the work of Jean-Pierre Melville, Claude Chabrol, Francois Truffaut, Jean-Luc Godard, Eric Rohmer, Angès Varda, and Jacques Rivette. We will also explore the films' historical context and influence through some attention to their predecessors and successors. Knowledge of French helpful but

Department: Modern Languages & Cultures -- French
Course: FR 281
Title: History of French Cinema
Cross-listed: FR 481/CLT 211C/411C/FMS 277
Instructor: Willis, S.
Description: This course surveys the history of French cinema from its early experiments through the "Tradition of Quality" to the moment immediately preceding the emergence of the New Wave. We will study films selected from the work of the following directors: Lumiere, Melies, Gance, Dulac, Leger, Clair, Vigo, Renoir, Carné, Ophuls, Pagnol, Clement, and Bresson. Readings will include contemporary critical and theoretical discussions, as well as historical analyses. Knowledge of French is helpful but not necessary.

Department: Modern Languages & Cultures -- French
Course: FR 404
Title: Contemporary French Culture
Cross-listed: FR 204
Instructor: Kemedjo, C.
Description: Please see FR 204 for the course description

Department: Modern Languages & Cultures -- French
Course: FR 440
Title: Le Roman francais
Cross-listed: FR 240
Instructor: DiPiero, T.
Description: Please see FR 240 for the course description

Department: Modern Languages & Cultures -- French
Course: FR 480
Title: French Film: The New Wave
Cross-listed: CLT 211B, 411B/FR 280/FMS 280
Instructor: Willis, S.
Description: Please see FR 280 for the course description

Modern Languages & Cultures -- German

Department: Modern Languages & Cultures -- German
Course: GER 101
Title: Elementary German I
Instructor: Kuzmich, A.,
Exams: At least 4 quizzes; midterm; final exam
Description: This is the first semester of a two-semester sequence using an exciting new interactive approach to language learning. Students are encouraged, right from the start, to communicate in German utilizing basic vocabulary and authentic expressions in their spoken and written work. Listening comprehension is honed using audio taped material featuring a variety of native speakers, while a series of video tapes provide a basic introduction to the cultures of German speaking countries.

Department: Modern Languages & Cultures -- German
Course: GER 151
Title: Intermediate German I
Instructor: Kuzmich, A. **Class Size:** 15
Prerequisites: GER 102 or permission of instructor
Exams: 4-5 quizzes, final exam
Description: Process writing, reading, and listening exercises provide the context in this course for a thorough review of German grammatical structures. Students are expected to write short, weekly essays, complete weekly assignments in listening, and hone their speaking skills through active class participation.

Department: Modern Languages & Cultures -- German
Course: GER 200
Title: Advanced Conversation and Composition
Cross-listed: GER 200W **Class Size:** 25
Prerequisites: GER 152 or equivalent
Exams: Midterm and final
Description: This class assumes enough knowledge of the German language for reading somewhat longer fictional and nonfictional texts and viewing films in the original. The class is organized around general topics and themes. Students will write short, weekly essays in German on select topics. Class taught in German.

Department: Modern Languages & Cultures -- German
Course: GER 203
Title: Introduction to German Literature
Cross-listed: GER 203W
Prerequisites: GER 152 or equivalent
Description: Everything you ever wanted to know about German literature but were afraid to ask. This course looks at German poems, plays and novellas from various historical periods and within the context of several techniques of interpretation. It is designed to prepare students for sophisticated analysis of literary texts. This course is taught in German.

Department: Modern Languages & Cultures -- German
Course: GER 214
Title: Fairy Tales, Myths & Legends
Cross-listed: CLT 212H, 412H/GER 414
Description: From Grimm's fairy tales to urban legends, this course will examine the stories we love to tell ourselves. They horrify us and, yet, strangely comfort us as well. What is it that causes this effect? How do these tales help us shape the world around us? This course is part of the humanities cluster "Horror in Literature and Film." It is designed to familiarize students with the tools of cultural studies.

Department: Modern Languages & Cultures -- German
Course: GER 215
Title: Conversational German For Special Purposes
Description: This course is primarily a conversation course in which the students will be exposed to topics that are drawn from specialized areas, for instance, Art, Music, Science, History and so on.

Department: Modern Languages & Cultures -- German
Course: GER 272
Title: Gender and Sexuality in the 20th Century
Cross-listed: CLT 222B, 422B/WST 272
Description: This course will examine literary, artistic, and theoretical representations of gender and sexuality as they have changed in the course of the 20th Century. The focus will be on texts from Western Europe and the US, but we will also consider other perspectives. From the New Woman to French Feminists and transnational feminism, from homophile societies to "queer nation" and gay marriage, from Sigmund Freud to Michel Foucault and Judith Butler, we will explore the contested and politically charged debates around gender and sexuality that have shaped our views of identity over the last century.

Department: Modern Languages & Cultures -- German
Course: GER 284
Title: Hollywood Behind The Wall: An Introduction to East German Cinema
Cross-listed: GER 484, CLT 212M/412M, FMS 243
Instructor: Creech, J.
Description: The East German film studio, DEFA, was the second largest studio system in the former Eastern bloc, and produced more than 650 films between the years 1946 and 1990. This course will explore major developments in the East German cinema during the four decades of its existence. The course will engage with issues such as coming to terms with the fascist past, popular filmmaking and art cinema, cinema as a pedagogical tool, artistic dissent and state censorship, socialist ideologies of gender, and the politics of documentary. Each film will be explored in relation to its socio-historical context, providing students with an overview of East German film and culture. This course will coincide with the University of Rochester's fall film event, which will feature select films from East Germany, as well as guest appearances by East German film historian, Ralf Schenk, and director, Egon Gnther.

Department: Modern Languages & Cultures -- German
Course: GER 289
Title: German Directors: Fassbinder
Cross-listed: CLT 212D, 412D/GER 489/FMS 235
Instructor: Halle, R.
Description: This course concentrates on the works of one or two German film makers who have contributed substantially to the art of film. The course will combine close readings with cultural history and theoretical analysis. All films will be subtitled. Students may repeat the course as the directors studied will differ each time. This semester the course will concentrate on one of the most prolific and influential directors of the New Wave, Rainer Werner Fassbinder ('45-'82). From '66 until his death in '82 Fassbinder produced over 40 films. They contain intense melodrama, precise camera work, vivid colors, and the biggest stars of the era. His films also confront questions of racism, anti-Semitism, gender, and sexuality with an enduring critical perspective.

Department: Modern Languages & Cultures - German
Course: GER 484
Title: Hollywood Behind The Wall: An Introduction to East German Cinema
Cross-listed: GER 284, CLT 212M/412M, FMS 243
Instructor: Creech, J.
Description: Please see GER 284 for the course description.

Department: Modern Languages & Cultures -- German
Course: GER 489
Title: German Directors: Fassbinder
Cross-listed: CLT 212D, 412D/GER 289/FMS 235
Instructor: Halle, R.
Description: Please see GER 289 for the course description

Modern Languages & Cultures -- Italian

Department: Modern Languages & Cultures -- Italian
Course: IT 101
Title: Elementary Italian I
Instructor: O'Keefe, L.
Exams: Four quizzes, four exams, final
Description: The objective of the course is to provide beginners with a thorough grounding in all language skills: listening, speaking, reading and writing. Emphasis is placed on both grammar and cultural information. Classes meet five times a week and combine language theory and practice. Each class is fifty minutes long. Students must sign up for both a MWF and a TR block. As far as Italian is concerned, the terms lecture and recitation conventionally used to identify the blocks have a purely bureaucratic significance and do not reflect in any way the pedagogical approach of the course.

Department: Modern Languages & Cultures -- Italian
Course: IT 111
Title: In Arezzo - Elementary Italian
Instructor: Lupini, L.
Exams: Five quizzes
Coursework: One final 1-2 page written report in Italian
Description: The course offers both an intensive training in communication skills and an introduction to basic Italian grammar. The first component serves the purpose of facilitating students' experience of full immersion in Italian language and culture. Emphasis is mainly on speaking and comprehension. Language training is geared toward the practical needs of everyday life. The second component teaches how the language works in terms of grammatical structures and linguistic principles. Its objective is the achievement of correctness in both speaking and writing.

Department: Modern Languages & Cultures -- Italian
Course: IT 114
Title: Conversational Italian (2 credits)
Instructor: D'Amada, E. **Class Size:** 15
Prerequisites: At least one semester of College Italian or equivalent, with permission of the instructor.
Description: This conversation course designed to help students with some knowledge of Italian grammar develop facility with the spoken language. Emphasis is placed on vocabulary-building. Class time devoted to debate, discussions, and conversations about current topics and aspects of contemporary Italian culture. Themes for discussion are both extemporaneous and planned. Students are expected to prepare for the assigned themes in advance. Recommended in conjunction with any Italian course, except for IT 101, for extra oral practice. May be taken twice.

Department: Modern Languages & Cultures -- Italian
Course: IT 151
Title: Intermediate Italian I
Instructor: O'Keefe, L. **Class Size:** 15
Prerequisites: Two semesters of college-level Italian.
Exams: Seven exams, one final paper
Coursework: Daily oral and written preparation for class.
Description: The aim of the course is to reinforce the student's reading, writing, listening and speaking skills in a meaningful cultural context. This objective is achieved through both a systematic study of the fundamentals of grammar and the analysis of a variety of cultural materials. Topics for study, writing practice, through compositions, and discussion include literature, history, and popular culture.

Department: Modern Languages & Cultures - Italian
Course: IT 153
Title: In Arezzo - Accelerated Italian
Instructor: Convertito, G.
Coursework: Three 200 word reports to be presented in class. Three quizzes.
Description: The course enhances comprehension and communication skills as well as knowledge of Italian grammar. Emphasis is on reading, vocabulary building, and perfecting oral and written skills.

Department: Modern Languages & Cultures -- Italian
Course: IT 155
Title: Advanced Italian Conversation and Composition
Instructor: Stocchi-Perucchio, D.
Prerequisites: IT 152, or 4 semesters of college Italian for transfers, or 3 semesters of Italian and 1 semester of study abroad.
Description: The goal of this course is to bring students to a level of proficiency in the spoken language and to refine their writing skills. The course addresses a great variety of contemporary cultural issues concerning family, society, education, religion, art, music, style, and entertainment. Course materials may include newspapers, magazines, the Internet, and satellite television.

Department: Modern Languages & Cultures -- Italian
Course: IT 159
Title: Roman Structures: Engineering in the Classical World
Cross-listed: ME 105/ME105A, CLA 213, AH 189
Instructor: Perucchio, R.
Restrictions: Special application required
Description: Please see ME 105 for the course description.

Department: Modern Languages & Cultures -- Italian
Course: IT 195Q
Title: Dante's Divine Comedy I, Inferno and Purgatorio
Cross-listed: CLT 116Q, 253C/ENG 206/IT 220/REL 197Q.
Instructor: Stocchi-Perucchio, D.
Description: This course is the first segment of a two-semester sequence on The Divine Comedy. The purpose of the sequence is to introduce students to the liberal arts through one of the most significant texts in Western civilization. While reading about Dante's adventurous journey from Inferno to Paradise, students will gain a perspective on the Biblical, Christian, and Classical traditions, and on the political, literary, philosophical, and theological dimensions of medieval European culture. The sequence will also provide students with an avenue of investigation on the problem of knowledge--one of the poem's central concerns--and guide them in developing critical tools and research skills. We will begin the course by building a historical and intellectual frame of reference in which to locate The Divine Comedy. We will then proceed to a close reading of Inferno and a few cantos of Purgatory. Lectures and class discussion will be complemented by a weekly recitation session. Students with background or interest in the following areas are particularly encouraged to apply: Italian, history, classics, religion, philosophy, poetry, medieval studies, interdisciplinary studies. Students enrolled for the upper level cross listings will be assigned a separate complementary reading list with additional primary and secondary sources. Continuation with Dante's Divine Comedy II is recommended but not required.

Department: Modern Languages & Cultures -- Italian
Course: IT 220
Title: Dante's Divine Comedy I, Inferno & Purgatorio
Cross-listed: CLT 116Q, 253C/ENG 206/IT 195Q/REL 197Q,
Instructor: Stocchi-Perucchio, D.
Description: This course is the first segment of a two-semester sequence on the Divine Comedy. The purpose of the sequence is to introduce students to the liberal arts through one of the most significant texts in Western civilization. While reading about Dante's adventurous journey from Inferno to Paradise, students will gain a perspective on the Biblical, Christian, and Classical traditions, and on the political, literary, philosophical, and theological dimensions of medieval European culture. The sequence will also provide students with an avenue of investigation on the problem of knowledge--one of the poem's central concerns--and guide them in developing critical tools and research skills. We will begin the course by building a historical and intellectual frame of reference in which to locate The Divine Comedy. We will then proceed to a close reading of Inferno and a few cantos of Purgatory. Lectures and class discussion will be complemented by a weekly recitation session. Students with background or interest in the following areas are particularly encouraged to apply: Italian, history, classics, religion, philosophy, poetry, medieval studies, interdisciplinary studies. Students enrolled for the upper level cross listings will be assigned a separate complementary reading list with additional primary and secondary sources. Continuation with Dantes Divine Comedy II is recommended but not required.

Department: Modern Languages & Cultures - Italian
Course: IT 228
Title: In Arezzo - Italy from Risorgimento to Republic 1815-1948
Cross-listed: CLT 207C/HIS 228
Instructor: Conti, G.
Exams: Mid-term and final exam
Coursework: Term paper and oral presentation.
Description: To set the stage for the unfolding of the Risorgimento and Italy's continuing search for a national political identity in the nineteenth and twentieth centuries, the course begins with a two-week introduction to contemporary Italian society, national and local political institutions, geography, and a panoramic view of the historical development of the Italian peninsula from the fall of the Roman empire to the French Revolution. After this introduction the course follows a multidisciplinary approach to the study of united Italy's political, social, and cultural history, through the adoption of the anti-fascist constitution of 1948.

Department: Modern Languages & Cultures -- Italian
Course: IT 244
Title: In Arezzo - Tuscan Renaissance Painting, 1250-1450
Cross-listed: AH 244
Exams: A mid-term; and a final exam.
Coursework: Two short presentations.
Description: When we look at works of art in museums, galleries, and churches we are, in most cases, looking at them out of context. Furthermore, when we look at early Renaissance paintings we do not see them through the eyes of the people who produced them or for whom they were produced. We have to learn to see them as they might have been seen. We can begin to do this by learning how to read and to interpret the complex elements at play beneath the immediate surface by setting the artist, his work, and his public in their social and religious historical contexts, and by exploring the universal unspoken language of signs and symbols used by artists. The course content is based on painted forms, i.e., panels, canvases, and frescos from the Trecento and Quattrocento with an emphasis on Tuscan painting. The selection, as far as possible, takes advantage of the availability of works in churches, museums, and galleries within easy visiting distance of Arezzo.

Department: Modern Languages & Cultures - Italian
Course: IT 276
Title: In Arezzo - Italy: A Cultural Mosaic in an Intercultural Context
Cross-listed: CLT 207B
Description: The course consists of four units taught sequentially by American, Italian, and Israeli professors. It will be coordinated by Professor Donna Logan, Director of the Arezzo Program on location. Classroom instruction will be enhanced by field trips. Requirements: class attendance and participation, final paper/test on mosaic segment.

Modern Languages & Cultures -- Japanese

Department: Modern Languages & Cultures -- Japanese
Course: JPN 101
Title: Elementary Japanese I
Instructor: McLaughlin-Fumino, S. **Class Size:** 40
Prerequisites: Quizzes, lesson tests, final exam
Description: STUDENTS MUST REGISTER FOR BOTH LECTURE AND RECITATION. Designed to help beginners acquire a basic command of Japanese. Speaking and listening are emphasized. The classes will be conducted in English and Japanese, shifting from the former to the latter. In the beginning, students will master the Japanese "hiragana" writing system, which they will use in the rest of the course. Students will learn various sentence and phrase particles, basic word order, basic conjugation, and number systems. As the course progresses, katakana syllabaries and kanji (Chinese characters) will be also introduced. Requirements include regular assignments, quizzes, a final exam and language lab. Video and audio tapes are frequently used. Six credits.

Department: Modern Languages & Cultures -- Japanese
Course: JPN 114
Title: Intermediate Conversational Japanese
Instructor: Tamate, M.
Prerequisites: JPN 102 or equivalent
Description: Emphasis on speaking skills with focus on current issues in Japanese culture and society. May be taken concurrently with JPN 151 or JPN 152. This is a two-credit course which may be taken twice for credit.

Department: Modern Languages & Cultures -- Japanese
Course: JPN 151
Title: Intermediate Japanese I
Instructor: Tamate, M. **Class Size:** 30
Prerequisites: JPN 102 or instructor's permission
Description: STUDENTS MUST REGISTER FOR BOTH LECTURE AND RECITATION. Sequel to Japanese 102. Lecture and recitation designed to help the students at the intermediate level acquire a practical command of modern Japanese in all areas. Although speaking and listening will remain the main skills to be worked on, the amount of reading and writing will be significantly increased compared to Japanese 102. The classes will be conducted in Japanese except in the grammar lecture. Requirements include daily kanji quizzes and performing skits. Text: An Integrated Approach to Intermediate Japanese by Akira Miura & Naomo Hanaoka McGloin (The Japan Time). This course covers L.1 through 6 of the textbook. 6 credits.

Department: Modern Languages & Cultures -- Japanese
Course: JPN 202
Title: Advanced Intermediate Japanese I
Instructor: Tamate, M. **Class Size:** 20
Prerequisites: JPN 152 or instructor's permission
Exams: Kanji quizzes, Unite quizzes, a comprehensive final.
Coursework: Essay assignments will be given to students regularly in order to brush up their writing skills.
Description: This course aims at the improvement of students' overall proficiency in the Japanese language. More weight will be placed on reading and writing with the aid of dictionaries. Listening and speaking skills will be improved through watching a Japanese drama. Class taught in Japanese.

Department: Modern Languages & Cultures -- Japanese
Course: JPN 204
Title: Advanced Conversational Japanese (two credits)
Instructor: Tamate, M. **Class Size:** 20
Prerequisites: JPN 152 or Permission of Instructor
Description: Provides students of JPN 202 level or higher with the opportunity to improve their speaking skills. Class activities include discussion of current issues and oral drills. The class will be conducted in Japanese, and is not intended for students who have already acquired near-native fluency.

Department: Modern Languages & Cultures -- Japanese
Course: JPN 205
Title: Advanced Japanese I
Cross-listed: JPN 205W
Instructor: Tamate, M. **Class Size:** 30
Prerequisites: JPN 203 or equivalent
Exams: Kanji quizzes, Unite quizzes, a comprehensive final.
Coursework: Presentations
Description: This course covers various aspects of contemporary Japanese language culture as found in magazines, journals, television. Taught in Japanese.

Department: Modern Languages & Cultures -- Japanese
Course: JPN 216
Title: Traditional Japan
Cross-listed: HIS 105
Instructor: Hauser, W.
Description: Please see HIS 105 for the course description.

Department: Modern Languages & Cultures -- Japanese
Course: JPN 219A
Title: Tourist Japan
Cross-listed: CLT 214N, 414N/FMS 298/JPN 219W, 419A
Instructor: Bernardi, J.
Description: A study of Japan as a tourist destination, focusing on the late nineteenth century to the present, with an emphasis on the role of visual culture (images generated by the tourist industry as well as those that advertise and promote Japan as a tourist destination more inadvertently). We will look at the ways in which the

Department: Modern Languages & Cultures -- Japanese
Course: JPN 232
Title: Asian Calligraphy: Structure
Cross-listed: CHI 232
Instructor: Spence, Y. **Class Size:** 20
Description: East Asian calligraphy is the oldest continuous writing system in the world, and ranks as an art with poetry and painting. This innovative course joins the two components by offering one class period of writing with a licensed teacher of calligraphy, and one dealing with the history and art of calligraphy each week. Students must attend and are graded on both parts. The course is restricted to those who have completed at least one year of formal Chinese or Japanese language instruction. Enrollment is limited and preference will be given to those currently enrolled in Asian language study.

Department: Modern Languages & Cultures -- Japanese
Course: JPN 254
Title: Modern Japanese Literature
Cross-listed: CLT 264B/464B
Instructor: Pollack, D.
Description: Examines Japan's experience of modernity through the major novels of the period 1900-1970. Includes works by Natsume Soseki, Mori Ogai, Tanizaki Jun'ichiro, Kawabata Yasunari, Abe Kobo, Mishima Yukio, Oe Kenzaburo, and Kaiko Takeshi. Class taught in English with additional instruction in Japanese as required for majors.

Department: Modern Languages & Cultures -- Japanese
Course: JPN 262
Title: Great Cities: Tokyo
Cross-listed: CLT 208E
Description: Edo (modern Tokyo) began around 1600 as the shogun's administrative center for all Japan. For centuries only a tiny fishing port, Edo quickly became a bustling and picturesque urban center, and by 1750 was the largest city in the world. Against the background of Mt. Fuji and the city's huge central castle complex radiated stately samurai mansions, imposing Buddhist temples and Shinto shrines, prosperous merchant areas, and bustling theaters and pleasure quarters, all connected by wide canals and elegant bridges, a city often referred to "the Venice of the Orient." This course examines Edo as historical, political, urban, social, religious, and artistic artifact, exploring the various forces contributing to the creation and shaping of the city, to discover how people lived in and understood this novel environment. The course is taught in English.

Department: Modern Languages & Cultures -- Japanese
Course: JPN 263
Title: The Tale of Genji: The Japanese Courtly Novel
Instructor: Pollack, D.
Description: Murasaki Shikibu's Tale of Genji is ranked as a masterpiece of world literature. Composed in the early eleventh-century by a lady-in-waiting to an empress, this complex work offers an insiders view into the lives of Japans aristocratic and royal families. In the novel the brutal and sometimes deadly realities of political power are played out in terms of the delicate aesthetic perceptions and pursuits for which the ancient Japanese court has best been known. Readings and lectures are in English, and the novel will be discussed in the context of the material culture, literature and art of the period.

Department: Modern Languages & Cultures -- Japanese
Course: JPN 419A
Title: Tourist Japan
Cross-listed: CLT 214N, 414N/FMS 298/JPN 219A, 219W
Instructor: Bernardi, J.
Description: Please see JPN 219A for the course description.

Modern Languages & Cultures -- Polish

Department: Modern Languages & Cultures -- Polish
Course: POL 101
Title: Elementary Polish I
Description: The main objective of the Elementary Polish course for beginners is to provide the basic uses of Polish syntax, the cases and prepositions as well as word-formative process. Polish grammar is presented as an integral part of the basic textbook. Two consecutive semesters of Elementary Polish will include; sounds and spellings, relationships between sounds and inflection as well as basic knowledge of Polish nouns, pronouns, adjectives, numbers and verbs.

Department: Modern Languages & Cultures -- Polish
Course: POL 103
Title: Polish Review
Description: Builds on basic speaking and conversation skills learned in introductory level Polish courses taken at the University of Rochester or at Study Abroad programs.

Department: Modern Languages & Cultures -- Polish
Course: POL 151
Title: Intermediate Polish
Instructor: Polakowski, K.
Description: While the main focus of the Elementary Polish Course was put on word-formative process, the basic use of the cases and prepositions as well as the essential aspects of Polish syntax, the intermediate course will focus on active use of contemporary Polish, written and colloquial. The main objective, based on basic knowledge of grammatical rules is to achieve independence in communication. Summer courses of the Polish language in Krakow, facilitated by the Skalny Center for Polish and Central European Studies at U.R. is highly recommended after completion of the intermediate course.

Modern Languages & Cultures - Russian Studies

Department: Modern Languages & Cultures -- Russian Studies
Course: RST 126
Title: Russia Now (4-credits)
Cross-listed: RUS 126/HIS 154
Instructor: Parthe, K. **Class Size:** 20
Description: Please see RUS 126 for the course description. Please contact the department or instructor during the first week of classes.

Department: Modern Languages & Cultures -- Russian Studies
Course: RST 127
Title: Russia Now (2 credits)
Cross-listed: RUS 127/HIS 153
Instructor: Parthe, K. **Class Size:** 30
Description: Please see RUS 127 for the course description. Please contact the department or instructor during the first week of classes.

Department: Modern Languages & Cultures -- Russian Studies
Course: RST 152
Title: Soviet Russia
Cross-listed: HIS 152
Instructor: Lenoe, M.
Description: Please see HIS 152 for the course description.

Department: Modern Languages & Cultures - Russian Studies
Course: RST 191Q
Title: Dostoevsky
Cross-listed: RUS 191Q, CLT 255D, RUS 237/237W, RST 237/237W
Instructor: Givens, J.
Description: Dostoevsky has been called "a sick, cruel talent," "a prophet of God," "the Shakespeare of the lunatic asylum," and "Russia's evil genius." The Russian writer Ivan Turgenev called him "the nastiest Christian" he'd ever met. Henry James described Dostoevsky's works as "baggy monsters" while Joseph Conrad called *The Brothers Karamazov* "an impossible lump of valuable matter. It's terrifically bad and impressive and exasperating." We will test these statements and form our own hypotheses as we unpack the writer's life and works, beginning with *Notes from the House of the Dead* and including *Notes from Underground*, "Dream of a Ridiculous Man." *The Idiot* and *Brothers Karamazov*. We will also view a film version of *Crime and Punishment*. Students will write four 5-6 page essays. In English.

Department: Modern Languages & Cultures -- Russian Studies
Course: RST 229
Title: St. Petersburg In Russian Culture
Cross-listed: RUS 229/CLT 265F
Instructor: Maslennikova, A.
Description: Please see RUS 229 for the course description

Department: Modern Languages & Cultures -- Russian Studies
Course: RST 231
Title: Great Russian Writers
Cross-listed: RST 231W/RUS 231, 231W/CLT 255A
Instructor: Givens, J.
Description: Please see RUS 231 for the course description.

Department: Modern Languages & Cultures -- Russian Studies
Course: RST 237
Title: Dostoevsky
Cross-listed: RUS 191Q/RUS 237, 237W/RST 237W/RST 191Q
Instructor: Givens, J.
Description: Please see RUS 191Q for the course description.

Department: Modern Languages & Cultures -- Russian Studies
Course: RST 247
Title: Secret Nation
Cross-listed: RST247W/RUS 247,247W/HIS 288,288W/JST249
Instructor: Parthe, K.
Description: Please see RUS 247 for the course description.

Department: Modern Languages & Cultures -- Russian Studies
Course: RST 394
Title: Russian Studies Internship
Instructor: Parthe, K.
Coursework: Contact Prof. Kathleen Parthe during the first week of classes at 275-4176 or parthe@mail.rochester.edu

Description: This 2 or 4 credit-bearing internship involves (a) weekly visits with a Russian emigre family of one or more hours, (b) doing readings provided by Professor Parthe on the experience of emigration from Russia to the US, and (c) keeping a journal of your experiences which will be handed in at the end of the term along with a short essay connecting what you observed on your visits to the readings. This internship has two purposes. The first is to help Russian Jewish immigrants with their English language skills and their overall adjustment to life in this country. The second is to give students the incomparable experience of hearing about Russian/Russian Jewish culture and family life from people who hope to preserve the best of that life in America. This work could also help launch a research project in a number of different areas (for example, Anthropology, History, or Judaic Studies). SEE ALSO JST (JUDAIC STUDIES) 394.

Modern Languages & Cultures -- Russian

Department: Modern Languages & Cultures -- Russian
Course: RUS 101
Title: Elementary Russian I
Instructor: Givens, J.
Exams: 6-8 chapter tests
Description: Introduction to Russian grammar, phonetics, and conversation. Emphasis will be on practical Russian language skills. Lectures will combine drills in Russian with presentations in English. Recitations will be conducted in Russian. Students must sign up for lecture and recitation section.

Class Size: 45

Department: Modern Languages & Cultures -- Russian
Course: RUS 126
Title: Russia Now (4 credits)
Cross-listed: RST 126/HIS 154
Instructor: Parthe, K.
Description: In "Russia Now" we follow current events in Russia through internet, print, and other sources and keep a journal of significant developments which forms the basis for class participation. At the end of the term, students write a 20-page analysis of what has gone on in Russia during the semester and what is likely to happen next, emphasizing areas of their own special interest. At the end of this course students will be familiar with the most important issues facing Russia and its neighbors today, and with the variety of available resources and the strategies required for judging between contradictory reports on the situation in Russia. Please contact the dept. or instructor during the first week of classes.

Class Size: 20

Department: Modern Languages & Cultures -- Russian
Course: RUS 127
Title: Russia Now (2 credits)
Cross-listed: RST 127/HIS 153
Instructor: Parthe, K.
Coursework: The 2-credit version of RUS 126. (Qualifies for RUS major/minor, RST major/minor and RUS and RST cluster credit when taken twice or in conjunction with another 2-credit course in this area, such as RUS 114 or RUS 124).
Description: Please see RUS 126 for course description. The two-credit RUS 127 requires a ten-page paper at the end of the term. Please contact the department or instructor during the first week of classes.

Class Size: 30

Department: Modern Languages & Cultures -- Russian
Course: RUS 151
Title: Intermediate Russian I
Instructor: Givens, L.
Prerequisites: RUS 102 or equivalent
Exams: Two hour tests and final exam
Coursework: Weekly vocabulary dictations
Description: Emphasis on reading, writing, conversation and further development of grammatical concepts introduced in first-year Russian. The building of vocabulary and comprehension skills will also be stressed.

Class Size: 25

Department: Modern Languages & Cultures -- Russian
Course: RUS 190Q
Title: Tolstoy's War and Peace
Cross-listed: RST 190Q/235/235W, CLT 113Q, RUS 235/235
Instructor: Givens, J.
Description: A semester-long exploration of the world of War and Peace, a novel that begins with characters speaking French, fights its way across battlefields both personal and national, and ends with a complete philosophy of history that is both complex and strangely moving. The class will work its way through the novel (in English) over the term, while looking at materials that will help "unpack" it, including historical accounts of the same events and attempts by Russian, English, and American directors to capture the essence of the novel on film. (In English)

Department: Modern Languages & Cultures -- Russian
Course: RUS 191Q
Title: Dostoevsky
Cross-listed: RST 191Q, RUS 191Q, RUS 237/237W, RST 237
Instructor: Givens, J.
Description: Please see RST 191Q for the course description.

Department: Modern Languages & Cultures -- Russian
Course: RUS 202
Title: Advanced Readings in Russian
Instructor: Maslennikova, A.
Description: This course concentrates on increasing speed and comprehension in reading Russian. Students will read a variety of texts, both fiction and non-fiction from the early nineteenth century up to the present. We will discuss the texts, translate excerpts, focus on difficult grammatical constructions, build reading vocabulary through attention to identifying roots and endings, and write short essays in Russian about the readings. Class is conducted primarily in Russian.

Class Size: 15

Department: Modern Languages & Cultures -- Russian
Course: RUS 212
Title: Advanced Literature and Culture in Original
Instructor: Maslennikova, A. **Class Size:** 30
Description: This course is designed for students who can read Russian at an advanced level and wish to pursue particular areas of interest. Each student will draw up a reading list for the term with the help of the instructor. We will meet individually each week and periodically as a group at a time convenient to members of the class. Students will write essays in Russian on their area of interest.

Department: Modern Languages & Cultures -- Russian
Course: RUS 224
Title: Russian Art
Cross-listed: RST 224, AH 224
Instructor: Maslennikova, A.
Description: This course focuses on the history of Russian art and architecture from the Christianization of Russia through the twentieth century. Students will learn how to read icons, discern the major features of Russian churches, and follow the development of Russian painting from the age of realism to modern times. The course is taught with reference to the major events in Russian history. No knowledge of Russian required.

Department: Modern Languages & Cultures -- Russian
Course: RUS 229
Title: St. Petersburg In Russian Culture
Cross-listed: CLT 265F/RST 229
Instructor: Maslennikova, A.
Description: St. Petersburg (founded 1703), its contributions to literature, art, and architecture, the rivalry with Moscow, and its role in building and defending Russia.

Department: Modern Languages & Cultures - Russian
Course: RUS 231
Title: Great Russians Writers
Cross-listed: CLT 255A/RUS 231W/RST 231, 231W
Instructor: Givens, J.
Description: A survey of Russian literature from the beginning of the realistic period in the early nineteenth century to the rise of modernism at the turn of the twentieth century. We will read a broad variety of works by the most important writers, including Alexander Pushkin's novel in verse *Eugene Onegin*; the novel *Hero of Our Time* by the Russian Byron, Mikhail Lermontov; Nikolai Gogol's comic narrative *Dead Souls*; Ivan Goncharov's novel *Oblomov* about a man who cannot get out of bed; *The Gambler* by Fyodor Dostoevsky; *The Death of Ivan Ilych* by Leo Tolstoy; and two plays by Anton Chekhov, *Uncle Vanya* and *Three Sisters*. We will examine each work within the context of Russian literary and cultural history, paying particular attention to questions of structure and theme. All readings will be in translation.

Department: Modern Languages & Cultures -- Russian
Course: RUS 247
Title: Secret Nation
Cross-listed: RUS247W/RST 247,247W/HIS 288,288W/JST249
Instructor: Parthe, K.
Prerequisites: None.
Description: The cult and culture of secrecy in Russia from Ivan the Terrible to the present. Russia's profile was always that of a carefully-constructed enigma, as the government - tsarist and Soviet - went to great trouble to both gather (through the secret police at home and espionage abroad) and manipulate (through state control of printing and censorship) information. But the Russian people were also keeping a lot of information from the government, and foreign states sent out disinformation of their own to and about Russia. It is very clear that there was an active underground in religion, literature, politics, the economy and many other areas. With the policy of *glasnost*, Gorbachev began the painful process of uncovering secrets from above, and a freer press began to do the same from below. This course will use materials from history, religion, literature, film, political science, and economics to give a broad and yet richly detailed picture of the information that was hidden and the means by which this was accomplished. The official secrecy that was originally a defensive move came to undermine the state it sought to protect. At the end of the semester we will see to what extent old habits of secrecy persist in post-Soviet Russia. The course will be in English.

Department: Modern Languages & Cultures -- Russian
Course: RUS 289
Title: Dangerous Texts: Literature and Politics in Russia
Cross-listed: RST 289/289W, HIS 243/243W, CLT 265E, RUS 289W
Instructor: Parthe, K. **Class Size:** 30
Exams: Four short papers (4-5 pp. each)
Description: When modern Russian literature began to evolve in the mid-1600s, the printed or written text was immediately seen as a potential danger to the power of Church and State. In this course we will examine dangerous texts' from the 17th century to the present to see what aspects of texts and their authors were seen as threats and how these threats were dealt with. We will also see the ways in which writers did indeed perceive themselves as a second government' and how this changed the way they wrote. The reading list will include works by: Avvakum, Radishchev, Pushkin, Lermontov, Gogol, Turgenev, Dostoevsky, Tolstoy, Babel, Mayakovsky, Mandelstam, Pasternak, Yevtushenko, Solzhenitsyn, Voinovich, Grossman, and Sinyavsky/Tertz. The goal of this course is to arrive at an understanding of the unique role played by literature in Russian history. In English.

Modern Languages & Cultures -- Spanish

Department: Modern Languages & Cultures -- Spanish
Course: SP 101
Title: Elementary Spanish I
Instructor: Kouroublakis, B. **Class Size:** 20
Exams: Frequent quizzes, midterm, final.
Coursework: Daily assignments.
Description: Intended for students with no background in Spanish, or whose background does not make placement in a higher-level course advisable. Training in speaking, comprehension, reading and writing through classroom instruction and recitation periods. Students must also register for an associated recitation section.

Department: Modern Languages & Cultures -- Spanish
Course: SP 102
Title: Elementary Spanish II
Instructor: Cole, A. **Class Size:** 20
Prerequisites: SP 101 or equivalent
Exams: Frequent quizzes, midterm, final. Daily assignments.
Description: Spanish 102 continues the work of the beginning course Spanish 101. There is added emphasis on reading comprehension, vocabulary building, and culture. Students must also register for an associated recitation session.

Department: Modern Languages & Cultures -- Spanish
Course: SP 151
Title: Intermediate Spanish I
Instructor: Cole, A. **Class Size:** 20
Prerequisites: SP 102, ETS score of 500 or Placement by dept.
Exams: Midterm, Final.
Coursework: Four Compositions and rewrites. Daily assignments.
Description: Continuing study of modern Spanish in its spoken and written forms. Emphasis is given to cultural and literary readings and discussions, as well as basic composition writing skills and Multimedia Center activities related to the text.

Department: Modern Languages & Cultures -- Spanish
Course: SP 152
Title: Intermediate Spanish II
Instructor: Kouroublakis, B. **Class Size:** 20
Exams: Midterm and Final.
Coursework: Four compositions and rewrites. Daily assignments.
Description: Continuation of SP 151. Intended to advance conversational skills and refine writing techniques through cultural and literary readings, discussions, and Multimedia Center assignments related to the text.

Department: Modern Languages & Cultures -- Spanish
Course: SP 200
Title: Advanced Spanish Composition **Class Size:** 15
Instructor: Jorgensen, B., Rodriguez, R., Prendergast, R.
Prerequisites: SP 151, SP 152 or equivalent, permission SP section.
Exams: Midterm and Final.
Coursework: Four compositions and rewrites. Film review. Daily assignments.
Description: This course is designed to refine the student's writing and reading skills in Spanish in preparation for entering upper-level Spanish courses. The class time and the assignments are divided between developing composition-writing skills, a variety of readings in Hispanic literature and culture, and some review of targeted grammatical structures. Class taught in Spanish. This course counts as upper-level writing for the SP major.

Department: Modern Languages & Cultures -- Spanish
Course: SP 202
Title: Intro to Modern Spanish Literature
Instructor: Rodriguez, R.
Prerequisites: SP 200 or SP 201 or permission of instructor.
Coursework: Several short papers; one bibliographic project.
Description: Introduction to key works of 19th and 20th century Spanish literature, including short fiction, theater, and poetry. Emphasis on terms and techniques of literary analysis, and on the texts themselves within the changing culture of modern Spain. Class taught in Spanish.

Department: Modern Languages & Cultures -- Spanish
Course: SP 249E
Title: Reading Fables and Telling Tales in Early Modern Spain
Cross-listed: SP 449E
Instructor: Prendergast, R.
Prerequisites: SP 200
Description: This course will examine the rich tradition of short stories and fables in Spain, beginning in medieval times and ending in the eighteenth century. We will examine the different ways in which a story can be presented as well as the purposes (didactic, entertainment, etc.) behind a variety of shorter works produced. Some of the themes that will be addressed are: exemplarity, love, social class, marriage, revenge, gender and miracles. We will also consider the shift from an oral culture to a written one and the implications of the invention of the printing press and rising literacy rates on the short story as a genre and reading as a pastime. Special emphasis will be placed on the *Novelas ejemplares* by Miguel de Cervantes and the *Desenganos amorosos* by Maria de Zayas. Other authors include the *Arcipreste de Hita*, Don Juan Manuel and Tomas de Iriarte. IN SPANISH

Department: Modern Languages & Cultures -- Spanish
Course: SP 257
Title: Latin-American Theater and Poetry
Cross-listed: SP 457
Instructor: Jorgensen, B.
Description: Poetry is often thought to be the most private or intimate of the literary genres, and theater, the most public. Spanish-American poets and dramatists of the twentieth century stretched the limits of "everyday" language and literary conventions in order to give original expression to both private passions and public conflicts and to challenge the boundaries between them. This course will study the major works and the cultural contexts of ground-breaking voices from a variety of Spanish-American countries; Pablo Neruda, Cesar Vallejo, Alfonsina Storni, Rosario Castellanos, Jorge Diaz, Griselda Gambaro, and Jose Triana.

Department: Modern Languages & Cultures -- Spanish
Course: SP 288
Title: Spanish Film
Cross-listed: SP 488/CLT 216 B/FMS 294/CLT 416B
Coursework: Several short papers and reviews; final paper.
Description: Devoted to the critical analysis of recent Spanish cinema within its cultural contexts. Beginning with the early post-Civil War period, the focus is on film as the narrative representation of radical changes and transitions in Spanish society. Considers the translation of other media (literary, theatrical, etc.) into film and the problematic relationship between historical reality and the aesthetics of cinema. Emphasis on films from the democratic transition to today. Includes films by directors such as Buñuel, Erice, Saura, Trueba, Garcia Sanchez, Almodovar, de la Iglesia, Amenabar. Class taught in English. Written work in Spanish for SP credit.

Department: Modern Languages & Cultures -- Spanish
Course: SP 290
Title: Barcelona & Mediterranean CLTR
Cross-listed: CLT 101B
Instructor: Schaefer, C.
Description: Five short papers; final paper. This course examines the long and complex culture and history of Barcelona, from its origins as a Roman military outpost through two millennia of fiercely independent culture to its modern incarnation as one of Mediterranean Europe's most dynamic international cities. A site of superb architectural treasures from the Barri Gotic to Gaudi's most exotic fantasies, this capital of Catalunya has been driven by a deep-rooted sense of regional identity, a rich literary tradition, a powerful entrepreneurial spirit, a politics interwoven with anarchist zeal, and connection both geographically and culturally to the rest of the Mediterranean. Called "the great enchantress" by those inexorably drawn to her, Barcelona has produced writers, artists, performers, and philosophers of world renown, including Ramon Llull, Joan Maragall, Pablo Picasso, Joan Miro, Salvador Dali, Antoni Gaudi philosopher Eugeni d'Ors, novelist Merce Rodoreda, and film directors Bigas Luna and Venura Pons. Course includes written texts (history, literature, culture), films, art and art history, politics (from Francoist times to today), and popular culture in order to discuss what makes Barcelona a Mediterranean city and what links it to Valencia, the Islas Baleares, southern France, Italy, and beyond. Taught in English. Written work in Spanish for SP 290 credit.

Department: Modern Languages & Cultures -- Spanish
Course: SP 449E
Title: Reading Fables and Telling Tales in Early Modern Spain
Cross-listed: SP 249E
Instructor: Prendergast, R.
Description: Please see SP 249E for the course description.

Department: Modern Languages & Cultures -- Spanish
Course: SP 457
Title: Latin American Theater and Poetry
Cross-listed: SP 257
Instructor: Jorgensen, B.
Description: Please see SP 257 for the course description.

Department: Modern Languages & Cultures -- Spanish
Course: SP 488
Title: Spanish Film
Cross-listed: SP 288, CLT 216B/416B, FMS 294
Description: Please see SP 288 for the course description.

Music

Department: Music
Course: MUR 101
Title: Elements of Music
Instructor: Scott, L **Class Size:** 30
Prerequisites: Inability to read music
Exams: Mid-term, final, some quizzes
Description: A course for the student with no previous musical experience. Topics include notation, intervals, chords, and other basic concepts of tonal harmony, with application to the study of a wide range of styles including popular idioms.

Department: Music
Course: MUR 109
Title: Musicianship I -- Literacy Skills **Class Size:** 10
Prerequisites: Prior experience in reading music notation in treble or bass clef.
Description: Extensive work with clefs, notation, intervals, and scales. Aural work through sight-singing and dictation, emphasizing melody and rhythm. Music-reading work emphasizes speed and fluency in recognizing structures in musical score. (1 credit)

Department: Music
Course: MUR 110
Title: Introduction to Music Theory **Class Size:** 30
Prerequisites: Ability to read music, preferably both treble & bass clefs
Exams: Mid-term, final, quizzes
Description: Basic concepts of music theory, addressing students with some musical experience in an instrument or voice, but little or no music theory. Scales, keys, intervals, chords, basic part-writing, and other fundamental aspects of musical structure. Some ear training and aural skills. Students who have completed MUR 101 should NOT register for MUR 110.

Department: Music
Course: MUR 111
Title: Theory I **Class Size:** 25
Prerequisites: MUR 101 or MUR 110, or permission of instructor (placement test)
Exams: Mid-term, final
Description: The first in a four-course sequence. Deals with basic elements of harmony, voice-leading, and analysis. Part-writing in chorale style teaches elementary aspects of tonal theory. Prospective music majors should begin their theory requirement with this course. (Fall only)

Department: Music
Course: MUR 113
Title: Musicianship II **Class Size:** 10
Prerequisites: MUR 109 or permission of theory coordinator
Description: Continuation of MUR 109. Also open to students who have some knowledge of treble and bass clefs, scales, and intervals. Concurrent enrollment in MUR 111 recommended. (1 credit)

Department: Music
Course: MUR 114
Title: Musicianship III **Class Size:** 10
Prerequisites: MUR 113 or permission of theory coordinator
Description: Continuation of MUR 113. Introduction to harmonic dictation and polyphonic sight-singing. Concurrent enrollment in MUR 112 recommended. (1 credit)

Department: Music
Course: MUR 115
Title: Musicianship IV **Class Size:** 10
Prerequisites: MUR 114 or permission of theory coordinator
Description: Continuation of MUR 114. Concurrent enrollment in MUR 211 recommended. (1 credit)

Department: Music
Course: MUR 116
Title: Keyboard Skills I **Class Size:** 6
Restrictions: Permission of instructor required
Description: Introduces students to the keyboard as a vehicle for broader musical development. Covers basic piano technique, sight-reading of simple chord progressions, realization of figured bass, and basic improvisation. No prior keyboard training required.

Department: Music
Course: MUR 117
Title: Keyboard Skills II **Class Size:** 6
Prerequisites: MUR 116 or permission of instructor.
Restrictions: Permission of instructor required
Description: Continuation of MUR 116.

Department: Music
Course: MUR 118
Title: Beginning Piano for Non-Music Majors I **Class Size:** 10
Prerequisites: FOR RIVER CAMPUS STUDENTS ONLY
Description: An elective course for non-music majors from River Campus who have little or no previous keyboard instruction. The course will include technique, fundamental skills, and repertoire. (Fall only) (2 credits)

Department: Music
Course: MUR 119
Title: Keyboard Skills 2 **Class Size:** 10
Prerequisites: MUR 116 or permission of instructor
Restrictions: Permission of instructor required
Description: Continuation of MUR 116

Department: Music
Course: MUR 122
Title: History of Jazz **Class Size:** 60
Cross-listed: AAS 122
Instructor: Burgett P
Prerequisites: None
Exams: two exams
Coursework: reading and listening assignments; several brief written assignments
Description: This study of jazz, as an American musical art form, will be structured around the lives and music of jazz musicians, across a range of instrumental, vocal, and ensemble genres. Less a strictly chronological approach, this course focuses first on jazz titans, those individuals and musical groups distinguished by their seminal and permanent influences, either with long tenures such as Louis Armstrong, Miles Davis, or Coleman Hawkins or shorter but intense careers, such as Charlie Parker. Integrated with the jazz titans will be consideration of the music of other important jazz musicians whose contributions are essential to helping shape and inform the vast jazz landscape of the 20th century. Blues, ragtime, swing, bebop, cool, progressive, and free jazz are landmark terms that will help define that landscape. The influence of jazz on composers in European "classical" traditions will also be considered. And finally, study of the musical history will be enhanced by considerations from sociological, linguistic, and philosophical perspectives. The instructional format includes class lectures and discussion and an intense emphasis on listening. This course is designed for students with little or no musical training; simple technical, musical vocabulary and concepts will be provided. In addition to reading and listening assignments, there will be several brief written assignments and two exams. No prerequisites. (Fall only)

Department: Music
Course: MUR125
Title: History of Rock Music **Class Size:** 300
Instructor: Covach, J
Description: This course will explore the history of rock music, emphasizing primarily the period between 1955 and 1990. The periods preceding (1900-1955) and following (1990-present) will be considered to a limited extent. Discussion and reading will focus mostly on the music, identifying a wide variety of rock-music styles within the historical context of the development, transformation, and interaction of pop styles of these decades in general. Issues of technological development, social, political, and cultural context, race and gender, and music-business practices will also be considered. No Prerequisites: Knowledge of technical musical terms and an ability to read music are NOT required for this course.

Department: Music
Course: MUR 126
Title: Opera **Class Size:** 25
Instructor: Meconi, H
Prerequisites: Ability to read music.
Description: A small number of representative operas will be used to highlight the history of this controversial 400-year old art form and its creators, performers, and audiences. Drama, music, staging, spectacle, and dance will all be examined as components of production. Prerequisite: ability to read music.

Department: Music
Course: MUR 128
Title: Women and Music **Class Size:** 25
Instructor: Meconi, H
Description: The course will focus primarily on women composers but will also include material on women as performers, patrons, and consumers, as well as consideration of the role that gender plays in the experience of music. No prerequisites.

Department: Music
Course: MUR 150
Title: Women's Chorus **Class Size:** 40
Instructor: Scott, L
Prerequisites: Audition
Restrictions: Permission of instructor required
Coursework: participation in all rehearsals, dress rehearsals, and concerts
Description: The Women's Chorus, a group of students, alumni, faculty, staff and community members, performs a wide variety of music. Joint concerts with the Men's Chorus and various instrumental groups within the college are regularly programmed. To join, simply register for the class. Auditions will be held during the first class.

Department: Music
Course: MUR 151
Title: Men's Chorus
Instructor: Scott, L **Class Size:** 40
Prerequisites: Audition
Coursework: Participation in all regular rehearsals, dress rehearsals, and concerts.
Description: The Men's Chorus continues the century-old tradition of singing at the University of Rochester. This group of students, faculty, staff and community members performs a wide repertoire of music. The men's and women's choruses regularly combine with various instrumental groups to perform large oratorio-style works. To join, simply register for the class. Auditions will be held during the first class.

Department: Music
Course: MUR 152
Title: Chamber Singers
Instructor: Scott, L **Class Size:** 30
Prerequisites: Audition
Restrictions: Permission of instructor required
Coursework: Participate in all regular rehearsals, dress rehearsals, and concerts
Description: Chamber Singers is a select 28- to 32-member ensemble which performs a cappella and chamber music from the 14th to 21st centuries -- and the group is as comfortable singing jazz as performing Renaissance motets. All members of the undergraduate and graduate student body are welcome to audition for the ensemble. Auditions are held every semester.

Department: Music
Course: MUR 153
Title: Symphony Orchestra
Instructor: Harman, D **Class Size:** 100
Prerequisites: Limited number of players. Admission by audition only.
Coursework: One rehearsal per week; individual practice; two concerts each semester
Description: URSO (University of Rochester Symphony Orchestra) is a university-civic orchestra whose members are selected from both UR student body and greater Rochester community. The orchestra has been a vital part of Rochester's cultural community for nearly 50 years. Membership is granted by the Music Director through auditions, which occur prior to the first scheduled rehearsal of each season. Other auditions may be held as needed throughout the season. For more info: <http://www.rochester.edu/College/MUR/ensembles/urso/ursource/index.html>.

Department: Music
Course: MUR 154
Title: Chamber Orchestra
Instructor: Harman D **Class Size:** 40
Prerequisites: Limited number of players. Admission by audition only.
Coursework: Two rehearsals per week; individual practice. At least four concerts per academic year. Also, off-campus performances in local schools. Some touring (the orchestra has toured to Italy, Jamaica, Cayman Islands, Montreal, and Cleveland).
Description: URCO (University of Rochester Chamber Orchestra) draws its membership primarily from UR's River Campus student body. Membership is limited and is granted by the music director through competitive auditions, which occur prior to the first scheduled rehearsal of each season. Other auditions may be held as needed during the year. For more info: <http://www.rochester.edu/College/MUR/ensembles/ursource/index.html>.

Department: Music
Course: MUR 155
Title: Chamber Ensembles
Instructor: Harman, D **Class Size:** 20
Prerequisites: Advanced accomplishment on an instrument or voice; permission of the coordinator (an audition may be required).
Exams: At least once concert appearance each semester
Coursework: One performance each semester. Students are encouraged to obtain and promote formal or informal performances on and off campus (retirement homes, hospitals, and other venues). May also be opportunities to perform as part of Alumni Office's
Description: The chamber music program facilitates formation and coaching of serious advanced chamber ensembles. One academic credit may be earned by registering and successfully completing all requirements listed under course work. Admission by permission of the coordinator.

Department: Music
Course: MUR 156
Title: Wind Symphony
Instructor: Tiberio, W **Class Size:** 60
Prerequisites: Admission by audition only
Restrictions: Permission of instructor required
Description: Wind Symphony draws its membership primarily from the student body on River Campus and performs music of various styles, genres, and eras. Membership by audition. Coursework: One rehearsal per week; individual practice. At least four concerts per academic year. May also be some off-campus performances locally and on tour. Attendance required at all rehearsals, dress rehearsals, and concerts, unless excused in advance by conductor.

Department: Music
Course: MUR 157
Title: Jazz Ensemble **Class Size:** 21
Prerequisites: Audition
Coursework: Rehearsals (2 per week), dress rehearsals, concerts
Description: The Jazz Ensemble is open by audition to all members of the University community. Performs a wide variety of music, Occasional guest artists and clinicians.

Department: Music
Course: MUR 158
Title: Gospel Choir
Instructor: Parris, A **Class Size:** 25
Prerequisites: A strong sense of pitch. A good rhythmic "feel." Membership by audition. (Auditions held at first rehearsal each semester.)
Coursework: One rehearsal per week. Two concerts per semester. In addition, there may be off-campus performances in local colleges, churches, and other venues in the greater Rochester community.
Description: The Gospel Choir, a group of 25-40 students, performs a varied repertoire of sacred music -- spirituals, hymns, traditional and contemporary Gospel, music of the praise-and-worship genre. Students may register for credit or simply sing as choir participants.

Department: Music
Course: MUR 159
Title: Gamelan Ensemble
Cross-listed: 6ENS 215
Instructor: Koskoff, E
Description: The Eastman Gamelan (anklung) performs traditional ceremonial music and new-style music (keybar) from Bali as well as new compositions for Gamelan. May be repeated for credit.

Department: Music
Course: MUR 160
Title: Advanced Piano Study
Instructor: Mihailovich, Z **Class Size:** 5
Prerequisites: Audition
Restrictions: Permission of instructor required
Description: Weekly one-hour private studio instruction, comparable to ESM's PA 160, with occasional master classes, group workshops and coaching. Course is designed for advanced students to develop their abilities for piano performance by learning new repertoire, improving piano skills/technique and learning how to practice efficiently. Repertoire will be selected based on individual student's level and will include pieces of different styles and characters.

Department: Music
Course: MUR 201
Title: Basic Jazz Theory & Improv I **Class Size:** 10
Prerequisites: MUR 111 or permission of instructor
Description: Rudiments of jazz, including chord and scale spellings, chord/scale relationships, jazz/pop chord symbol nomenclature, basic forms, chord substitutions, piano voicing; strong emphasis on ear training and vocalization and transcription from records of jazz solos. (Fall only) (2 credits)

Department: Music
Course: MUR 211
Title: Theory III **Class Size:** 20
Prerequisites: MUR 112
Exams: Mid-term, finals
Description: Continuation of MUR 112. Focuses on analysis of large forms, such as sonata, rondo, and song forms. Includes advanced study of chromatic harmony and modulation to remote keys. (Fall only)

Department: Music
Course: MUR 223
Title: History of Western Music: 1730-1850 **Class Size:** 35
Prerequisites: MUR 112
Exams: mid-term, final
Coursework: several essays
Description: The history of western art music from approximately 1730 through 1850, with an emphasis on analysis of the masterpieces of tonal music and their relationship to society and the other arts. Lecture, with extensive listening, reading, and analysis. (Fall only)

Naval Science

Department: Naval Science
Course: NAV 093
Title: Introduction to Naval Science
Instructor: Reynolds, Ryan LT, USN **Class Size:** 35
Exams: 3 Exams, Various quizzes
Description: An introduction to the U.S. Navy, including organization, administration, customs, careers, warfare platforms and basic leadership fundamentals. Students are also introduced to joint warfare and national military strategy. Current world events are discussed as applicable.

Department: Naval Science
Course: NAV 094
Title: Ship Systems I (Engineering) **Class Size:** 30
Exams: 2 exams; quizzes
Description: This course is a detailed study of ship characteristics and types including ship design, hydrodynamic forces, stability, compartmentation, propulsion, electrical and auxiliary systems interior communications, ship control, and damage control. Included are basic concepts and theory and design of steam, gas turbine, diesel and nuclear propulsion.

Department: Naval Science
Course: NAV 222
Title: Navigation II
Instructor: McFarlin, Robert, LT, USN, Shuma, Andrew, CDR, USN
Prerequisites: None **Class Size:** 30
Coursework: This course further develops knowledge and practical skills learned in Navigation I (NAV 098). It is a general
Description: This course further develops knowledge and practical skills learned in Navigation I (NAV 098). It is a general introduction to Naval Operations at sea and will cover topics in four broad sections including: 1) Advanced Navigation; charts, maneuvering board, formation sailing, nautical rules of the road and international laws of the seas; 2) Communications security, radio procedures, tactical communications and maneuvering; 3) Evolutions Operations shipboard watch-standing, ship-handling evolutions; 4) Naval Doctrine and Joint/Combined Operations. This class will prepare midshipmen for a first tour in the active surface ship fleet.

Department: Naval Science
Course: NAV 265
Title: Leadership and Management
Instructor: Saunders, K.T., CAPT, USMC **Class Size:** 35
Exams: 2 exams
Coursework: 1 research project 1 short essay
Description: This course is designed to arm the student with an understanding of the fundamental theoretical concepts of leadership management, and to give students a set of practical leadership tools that can be derived from the theoretical concepts.

Neuroscience

Department: Neuroscience
Course: NSC 201
Title: Basic Neurobiology
Cross-listed: BCS 240
Instructor: Nordeen, E., O'Neill, W., Kellogg, C. **Class Size:** 60
Prerequisites: BIO 110 or BIO 112 AND BIO 111 with 111L or BIO 113 with 111L
Exams: 4-5 mid-term exams and a cumulative final
Coursework: Lectures and two (4-5 page) papers. There is an associated laboratory for students intending to concentrate in Neuroscience and/or take the spring Lab in Neurobiology, NSC/BCS 203.

Description: Explores fundamental concepts of neural organization and function. Covers gross and cellular neuroanatomy, neuronal cell biology, the electrophysiology of neurons and synapses, neurochemistry, spinal circuitry, sensory and motor systems, and higher functions including learning and memory. Includes labs on gross anatomy of the brain and computer simulation of neuronal electrophysiology.

Department: Neuroscience
Course: NSC 243
Title: Neurochemical Foundations of Behavior
Cross-listed: BCS 243
Instructor: Kellogg, C. **Class Size:** 20
Prerequisites: NSC 201 or equivalent background; biochemistry recommended.

Exams: 3 exams, a take home final.
Coursework: Lectures, problem sets/data analysis; 1 paper.
Description: Introduces the field of neurochemistry with an emphasis on cellular and molecular neurochemistry. Topics range from study of neurochemical mechanisms that underlie normal neural function to discussion of behavioral disturbances that result from neurochemical abnormalities. Considers neurochemical mechanisms of adaptive behavior, learning and memory, behavioral disorders, gender differences, and drug seeking behavior.

Department: Neuroscience
Course: NSC 246
Title: The Biology of Mental Disorders
Cross-listed: BCS/PSY 246
Instructor: Kellogg, C., Como, P. **Class Size:** 40
Prerequisites: NSC 201/BCS 240, or equivalent background with permission of instructor.

Exams: 5 exams, a combination of take-home and in-class
Description: Examines the neurobiology of anxiety/phobic conditions, mood disorders, and chronic psychotic states, particularly schizophrenia. Considers definitions of psychiatric syndromes, the problems of diagnosis, brain organization, and neurotransmitter systems involved in state functions. Introduces research approaches including epidemiologic, phenomenologic, family/adoption, longitudinal descriptive, psychophysiologic, neuropharmacologic, genetic linkage, and postmortem studies; emphasizes recent in vivo brain imaging and neuroreceptor studies.

Department: Neuroscience
Course: NSC 301
Title: Senior Seminar in Neuroscience
Instructor: Holtzman, D. **Class Size:** 6-12
Prerequisites: Senior Neuroscience concentrators.
Restrictions: Open only to senior majors or by permission of instructor
Exams: Oral and written reports, but no formal examinations
Coursework: Oral and written reports
Description: To be taken for one semester (2 credits). Emphasizes "Neuroscience as a scientific career." Students read and lead discussions of issues of general professional concern: peer review and the evaluation of research; the function of federal research agencies; science education and teaching; and scientific ethics, and biomedical research and neuroscience in the news. Students also prepare brief reviews of current research problems for class presentation, discussion and critique.

W. Allen Wallis Institute Of Political Economy

Department: Political Economy
Course: PEC 575
Title: Theory of Voting and Elections
Cross-listed: ECO 575, PSC 575
Instructor: Fey, M.
Description: This course covers much of the modern game-theoretic literature on models of voting and elections. It is meant to expose students to the techniques and models used in this line of research. Some of the topics covered include probabilistic voting, policy-motivated candidates, candidate entry, strategic voting, and issues of information in elections, including uncertainty on the part of voters and candidates, and problems associated with private information in elections. The course covers both complete and incomplete information models and thus students must have a working knowledge of Bayesian games prior to taking this course or be on currently taking a course covering Bayesian games such as PSC 584.

Philosophy

Department: Philosophy
Course: PHL 101
Title: Introduction to Philosophy
Instructor: Ney, A. **Class Size:** 100
Exams: Pop Quizzes, Midterm, Final
Coursework: 2 essays
Description: This course will introduce the methods of contemporary philosophical reasoning. After an introduction to the basics of logic and argumentation, we will use these methods to enter several hot debates in the areas of epistemology, metaphysics, and the philosophy of mind. Topics include knowledge and skepticism, the value of truth, personal identity, and the problem of free will and determinism.

Department: Philosophy
Course: PHL 102
Title: Ethics
Instructor: Conee, E. **Class Size:** 100
Exams: Three in class tests, not cumulative, no comprehensive final
Description: This course is an introduction to basic issues in the philosophical investigation of ethics. Topics include general theories of the nature of right and wrong and theories of the functions of ethical language. Classes are in the lecture and question format. The texts are Introductory Ethics by Fred Feldman, and an anthology of brief readings on some of our topics. Assignments are readings from these texts.

Department: Philosophy
Course: PHL 103A
Title: Moral Problems
Instructor: Curren, R. **Class Size:** 30
Exams: 4 unit exams
Coursework: For each topic the instructor will assign readings and cases to be analyzed and discussed.
Description: In this course we examine and discuss contemporary moral issues such as abortion, the death penalty, gay marriage, terrorism and civil liberties, starvation, and environmental damage. We will learn to think about such issues analytically and with an eye to the deeper moral concepts and principles at stake, as well as the kinds of decisions individuals must make. 103A is not a prerequisite for 103B.

Department: Philosophy
Course: PHL 105
Title: Reason and Argument
Instructor: Feldman, R. **Class Size:**
Coursework: Three quizzes, frequent short homework assignments, and a final paper.
Description: Arguments are used both to try to persuade people and to try to establish the truth about a topic. In this course we will examine these different uses of arguments and then examine in detail the criteria for assessing arguments. We will then develop a method for identifying, interpreting, and evaluating arguments of the sort you found in speeches, newspaper editorials, letters to the editor, magazine articles, and scientific reports. The final project for the course will require applying this method to arguments about a significant contemporary issue.

Department: Philosophy
Course: PHL 110
Title: Introductory Logic
Instructor: Bennett, J. **Class Size:** 30
Exams: Three mid-terms and a final exam.
Coursework: Weekly exercise assignments.
Description: Philosophy 110 is a first course in symbolic logic through first order quantification theory. It treats deductive inference through the mechanism of an artificial language; the language is rigorously defined, and students learn to translate English arguments into this artificial language, to construct proofs in this language using a rigorously defined stock of inference rules, and to use models to show the invalidity of arguments.

Department: Philosophy
Course: PHL 111
Title: Philosophy of Religion
Cross-listed: REL 111
Instructor: Wierenga, E. **Class Size:** 30
Description: Please see REL 111 for the course description.

Department: Philosophy
Course: PHL 115
Title: Philosophy in Literature
Instructor: Meerbote, R. **Class Size:** 30
Exams: There may be a final exam.
Coursework: Three short papers.
Description: In this course we will be studying philosophical issues concerning morality, human action, and happiness, as seen by three 18th-century and several later writers. We will read works by Defoe, Voltaire, Lessing, Shelley, Gide, and Camus. The course readings are literary, but our discussions and methods will be analytical-philosophical. There will be both lectures and in-class discussions.

Department: Philosophy
Course: PHL 116Q
Title: Philosophy, History, and Practice of Non-violence
Instructor: Holmes, R. **Class Size:** 30
Restrictions: Open to freshmen only
Coursework: Several Papers and a journal
Description: This course will study the origins and historical development of nonviolence and its 20th century manifestations, particularly in the works of Gandhi and Martin Luther King Jr., and its prospects for the future in interpersonal, social, and international affairs. The moral assessment of nonviolence will be of paramount concern. There will be extensive class discussions and an emphasis on independent thought and research. Text: "Nonviolence in Theory and Practice."

Department: Philosophy
Course: PHL 201
Title: History of Ancient Philosophy
Instructor: Modrak, D. **Class Size:** 30
Exams: Three examinations, including a final exam.
Description: Survey of the origins of Western philosophy. The course begins with the Presocratics and ends six centuries later with the Hellenistic philosophers. The great philosophers of the Classical period, Socrates, Plato, Aristotle, are studied in detail.

Department: Philosophy
Course: PHL 217
Title: Uncertain Inference
Cross-listed: PHL 417/CSC 217/CSC 417 **Class Size:** 30
Prerequisites: PHL 110 or permission of instructor; 216 recommended.
Coursework: Class discussion, problem sets, short homework papers, and a longer final paper will constitute the method. Some acquaintance with probability will be assumed.
Description: The course is concerned with the analysis of uncertain inference, which covers all inference outside logic and mathematics. Real inference is uncertain either because its premises are uncertain, or because the rule of inference employed is not truth preserving. Probability theory and nonmonotonic logic are among the ways of dealing with this uncertainty. Evidential probability, as described in the text "Uncertain Inference", Kyburg and Teng, will play a large role.

Department: Philosophy
Course: PHL 226
Title: Philosophy of Law
Cross-listed: PHL 226W, PHL 426
Instructor: Bennett, J. **Class Size:** 40
Prerequisites: One previous course in philosophy.
Description: The course will discuss philosophical issues in various particular areas of law, including criminal law, contracts, constitutional law, and the theory of legal interpretation. Readings will be from recent or contemporary sources. Topics may include plea bargaining, whether attempts should be punished less seriously than completed crimes, paternalism and unconscionability, free speech, and original intent in interpretation.

Department: Philosophy
Course: PHL 243
Title: Theory of Knowledge
Cross-listed: PHL 243/PHL 243W/PHL 443
Instructor: Feldman, R. **Class Size:** 30
Prerequisites: One previous course in philosophy.
Exams: Several short papers, mid-term exam, final exam or paper.
Description: People often claim to know various things to be true. Science is said to advance our knowledge and there is, it seems, a vast body of common sense knowledge about a wide variety of topics. Statements such as these raise several philosophical questions which will be the subject matter of this course. These questions include: 1) What is knowledge? 2) Do people really know anything? Can our claims to knowledge be defended from skeptical attacks? 3) What is the nature of our evidence for our claims to knowledge? How can we distinguish good evidence from evidence that is not good? 4) What does it mean to say that some belief, or body of beliefs, is reasonable and rational? Readings will be from contemporary philosophical sources. A writing-intensive version of this course may be taken for upper-level writing credit.

Department: Philosophy
Course: PHL 247
Title: Philosophy of Language
Cross-listed: PHL 247W, PHL 447
Instructor: Braun, D. **Class Size:** 30
Prerequisites: 1 previous course in philosophy; PHL 110 is recommended
Exams: Mid-term exam, three papers, a final exam
Description: This course is about meaning. Speakers of natural language are capable of understanding sentences they've never heard before, so somehow they must derive the meaning of a sentence from the meanings of the words in that sentence. But what is the meaning of a word, and what are those rules? Readings will be from figures such as Frege, Russell, Quine, Kripke and Putnam. This course may be taken for upper level writing credit with permission of instructor.

Department: Philosophy
Course: PHL 265
Title: Selected Topics in Ancient Philosophy
Cross-listed: PHL 265W, PHL 465
Instructor: Modrak, D. **Class Size:** 25
Prerequisites: PHL 201 or permission of instructor
Exams: One mid-term exam.
Coursework: Final research paper, two short papers on assigned topics, and class participation.
Description: Foundations of Ancient Greek philosophy from Presocratic to Hellenistic philosophers. Covers ancient Greek ethics, metaphysics and epistemology, and philosophy of mind. Special attention to Plato and Aristotle. This course may be taken for upper-level writing credit.

Department: Philosophy
Course: PHL 266
Title: Rationalism
Cross-listed: PHL 266/466
Instructor: Meerbote, R.
Prerequisites: PHL 202
Exams: There may be a final exam.
Coursework: Several papers.
Description: We will study Descartes, Spinoza, and Leibniz, three leading rationalist philosophers. Readings consist of some of their major works, concentrating on issues in metaphysics, epistemology, logic, and the philosophy of mind. The course consists of lectures and discussions.

Department: Philosophy
Course: PHL 268
Title: Augustine, Anselm, and Aquinas
Cross-listed: PHL 468
Instructor: Wierenga, E. **Class Size:** 35
Description: Please see REL 230 for the course description.

Department: Philosophy
Course: PHL 301
Title: Selected Topics in the Ethics of Non-violence
Instructor: Holmes, R. **Class Size:** 15
Prerequisites: PHL 116Q or permission of the instructor
Exams: a series of short papers and one term paper
Description: This course will deal with variable topics in the ethics of nonviolence. In Fall 2007, the course will do an in-depth examination of the nonviolence philosophies of Leo Tolstoy, Mahatma Gandhi, and Martin Luther King, Jr. and their influence in the contemporary world.

Department: Philosophy
Course: PHL 324
Title: Rousseau to Revolution
Cross-listed: PSC 292
Instructor: Dees, R. **Class Size:** 18
Prerequisites: One previous course in philosophy or permission of instructor
Exams: Three papers
Coursework: Weekly assignments
Description: In 1750, Jean-Jacques Rousseau published his Discourse on the Arts and Sciences and began a controversial literary career that defined a generation and inspired the revolutionaries of 1789. But Rousseau's works are an interesting combination of republicanism, romanticism, and resignation, and all these elements found their way into revolutionary discourse. Rousseau and the revolution that followed him precipitated a general crisis in Europe of legitimacy of existing governments and, more generally, of the authority of existing social structures. We will look at Rousseau's central works and those of his contemporaries, like Voltaire and Denis Diderot, and we will then look at the philosophical debates surrounding the French Revolution itself, including works by Edmund Burke, Thomas Paine, and Mary Wollstonecraft.

Physics and Astronomy -- Astronomy

Department: Physics and Astronomy -- Astronomy
Course: AST 104
Title: The Solar System
Instructor: Blackman, E.
Prerequisites: High school math through intermediate algebra. No physics prerequisites.
Coursework: Mid-term and final exams and weekly homework.
Description: To acquaint the nonphysical science concentrator with aspects of the historical and modern study of the solar system, including results from space probe studies, and with theories dealing with the evolution of the solar system. (Usually, alternates with AST 105 and AST 102, offered Spring 2003).

Department: Physics and Astronomy
Course: AST 111
Title: Elementary Astronomy I
Instructor: Watson, D.
Prerequisites: High school physics, MTH 141 or MTH 161, may be taken concurrently.
Coursework: Laboratory required and included. Recitations available.
Description: An introduction to the tools, methods and concepts of astronomy, using the Solar system as the main subject. Observations of planetary and satellite motion, and Newton's laws of motion and of gravity, are used as the foundation of a full physical description of the dynamics of the Solar system. The structure and evolution of the individual planets and moons is discussed as well in somewhat less detail. A focus of the course will be the Search of Origins theme. Labs will reinforce many of the concepts learned in class, and will introduce others. Nighttime use of the 24" telescope at the University's C.E.K. Mees Observatory, in South Bristol, NY, is required as part of the lab experiments. There are no formal prerequisites, but the course is intended for science majors, so calculus-based formulations of physics are introduced in order to describe planetary phenomena.

Physics and Astronomy

Department: Physics and Astronomy
Course: PHY 100
Title: The Nature of the Physical World
Instructor: Manly, S.
Exams: Two in-class exams and one final
Coursework: Weekly homework assignments will be given.
Description: This is an introductory course designed especially for students in the humanities and other non-scientific fields who are interested in learning something about the physical world in perspective. Topics include the scale of the universe from galaxies to atoms and quarks; the fundamental forces of nature, motion and relativity, energy, electromagnetism and its everyday applications, the structure of matter, atoms, light and quantum mechanics. There are no prerequisites, no background knowledge is required and the material will be presented essentially without mathematics. Substantial use will be made of demonstrations and movies.

Department: Physics and Astronomy
Course: PHY 113
Title: General Physics I
Instructor: Rajeev, S. **Class Size:** 200
Prerequisites: MTH 141 or MTH 161 (may be taken concurrently)
Coursework: Five three-hour laboratories are required, as are weekly workshop or recitations. Workshop or recitation times are determined by the instructor.
Description: First course of a two-semester sequence suitable for students in the life sciences. Newtonian particle mechanics, Newton's laws and their applications to straight-line and circular motions, energy, linear momentum, angular momentum, harmonic motions, Kepler's laws, planetary and satellite motions. Students must register for a PHY-113 laboratory during course registration. Calculus used and introduced as needed. In addition to a Two 75-minute lectures, one approximate two-hour and forty-minute laboratory every other week and one workshop or recitation per week are required

Department: Physics and Astronomy
Course: PHY 122
Title: Electricity and Magnetism
Instructor: Eberly, J. **Class Size:** 125
Prerequisites: PHY 121, MTH 143, or MTH 162 (may be taken concurrently).
Coursework: Five three-hour laboratories are required, as are weekly workshop/recitations.
Description: Second semester of a three-course sequence for students intending to major in physics, other physical sciences and engineering. Coulomb's Law through Maxwell's equations; electrostatics, electrical potential; capacitors; electric fields in matter; current and circuits; magnetostatics; magnetic fields in matter; induction; A.C. circuits; electromagnetic waves. Students must register for PHY 122/142-Laboratory during course registration. In addition to Two 75-minute lectures each week, one approximate two-hour and forty-minute laboratory every other week is required

Department: Physics and Astronomy
Course: PHY 141
Title: Mechanics (Honors)
Instructor: Wolfs, F. **Class Size:** 75
Prerequisites: MTH 141, or 161, (maybe taken concurrently); prior knowledge of introductory calculus (simple integration and differentiation)
Exams: 3 Midterm Exams + 1 Final Exam
Coursework: Five three-hour laboratories are required, as are weekly workshop or recitations.
Description: First course for all students (PHY 141, 143, 142). Recommended for prospective departmental concentrators and other science or engineering students with a strong interest in physics and mathematics. Topics are the same as those in PHY 121, but in greater depth. Motion in one and two dimensions, Newton's laws, work and energy, conservation of energy, systems of particles, rotations, oscillations, gravity, and thermodynamics. Students must register for PHY 141 Laboratory during course registration. In addition to Two 75-minute lectures each week, one workshop or recitation each week and one approximate two-hour and forty-minute laboratory every other week are required.

Department: Physics and Astronomy
Course: PHY 181
Title: Mechanics Laboratory
Instructor: Demina R.
Prerequisites: For transfer students that have taken the equivalent of PHY 113 or PHY 121, but have not taken to laboratories.
Description: Laboratories experiments in Mechanics, statistics and measurement, acceleration of gravity, conservation of energy and momentum, moment of inertia, oscillations, and mechanical equivalent of heat. Students must contact physlabs@pas.rochester.edu to sign up for a laboratory section.

Department: Physics and Astronomy
Course: PHY 182
Title: Electricity & Magnetism Laboratory
Instructor: Demina R. **Class Size:** 16
Prerequisites: For transfer students who have taken a course equivalent to PHY 122 but have not taken the laboratories.
Description: Laboratory experiments in electricity and magnetism, Coulomb's Law, electric fields, measurement of the absolute voltage and capacitance, electricity and magnetism of the electron, superconductivity and electric circuits. Not open to students who have taken PHY 122. Students must contact Laboratory Administrator at physlabs@pas.rochester.edu to sign up for a laboratory.

Department: Physics and Astronomy
Course: PHY 217
Title: Electricity and Magnetism I
Instructor: Hagen R. **Class Size:** 20
Prerequisites: PHY 122 or 142; and MTH 281 (may be taken concurrently).
Description: Review of vector calculus; electrostatic field and potential; boundary value problems solved with orthogonal functions; the multipole expansion and dielectrics; the magnetic field and vector potential.

Department: Physics and Astronomy
Course: PHY 235W
Title: Classical Mechanics I
Instructor: Cline D.
Prerequisites: MTH 281 or ME 201 (may be taken concurrently); PHY 121 or 141
Description: Mathematical introduction; review of elementary mechanics; central force problems; conservation theorems and applications; Fourier and Green's functions; variational calculus and Lagrange multipliers; Lagrangian and Hamiltonian formulation of mechanics is introduced and applied; oscillations; normal mode theory; rigid body dynamics. The course is designed to satisfy part of the upper-level writing requirement.

Department: Physics and Astronomy
Course: PHY 243W
Title: Advanced Experimental Techniques I
Instructor: Demina, R.
Prerequisites: PHY 217, PHY 237 (may be taken concurrently).
Description: Students work in pairs and each team is expected to do three or four experiments from a variety of available setups such as Berry's phase with light, Universal chaos, lifetime of cosmic ray muons, optical pumping, electron diffraction's etc. This is a hands-on laboratory with most experiments under computer control. This course may also be taken as a two-credit, half semester course. Please see instructor for this option. This course can be used to satisfy part of the upper-level writing requirement.

Department: Physics and Astronomy
Course: PHY 244W
Title: Advanced Experimental Techniques II
Instructor: Demina, R.
Prerequisites: PHY 243W, PHY 217, PHY 237 and MTH 164.
Description: A continuation of PHY 243W with greater emphasis on independent research and construction of more complicated instrumentation. Students work in pairs and each team is expected to do three or four experiments from a variety of available setups. This course can be used to satisfy part of the upper-level writing requirement

Department: Physics and Astronomy
Course: PHY 245W
Title: Advanced Experiment in Nuclear, Particle, and Electron Spin Resonance
Instructor: Demina, R. **Class Size:** 10
Prerequisites: PHY 217, 237, and MTH 164 (may be taken concurrently).
Description: Similar to PHY 243W, except with experiments that have applications in the Medical Physics. This course can be used to satisfy part of the upper-level writing requirement. (Cross-listed with PHY 445).

Department: Physics and Astronomy
Course: PHY 254
Title: 20th Century Particle Physics
Instructor: Rajeev, S.
Prerequisites: PHY 237.
Description: This course is designed for physics majors interested in nuclear and particle physics. The course describes the properties of the nuclei and various models used to describe nuclear matter, including the liquid drop model, shell model, collective model, radioactivity, fission, and fusion. Properties of particle interactions with matter are covered, and used to describe the principles of detections used in nuclear and particle experiments. In addition, the principle of operation of various existing accelerators are discussed. Finally, the fundamental interactions of elementary particles and their constituents are reviewed, with emphasis on conservation of quantum numbers and symmetries observed in high-energy collisions.

Department: Physics and Astronomy
Course: PHY 302
Title: Reading Course: Topics in Health Physics
Instructor: Foster, T.
Restrictions: Permission of instructor required
Description: The Health Physics Reading 2-credit Course will give the student opportunity to investigate an assortment of topics which include: The history of health physics, Interaction of charge particles with matter, Operational dosimetry (dose measurements, dose calculations, and dose modeling of charged particle interactions with matter), Radiation shielding, The theory and practice of radion detection, Biological effects of radiation, federal and state regulations. This course is restricted to Physics students who plan to get a Certificate in Biological or Medical Physics, or students who are in the BS/MS Physics 3-2 program (and plan to do an MS thesis in Medical Physics). (Cross-listed with PHY 423). (Offered every other Fall).

Department: Physics and Astronomy
Course: PHY 327
Title: Radiobiology I
Instructor: Keng, P.
Description: This 2-credit course evaluates the effects of radiation in mammalian cell systems ranging from cell cultures to whole animals. Emphasis is on the application of radiobiological principles to radiotherapy practices in the clinical treatment of cancer. Topics include: Mechanism of radiation damage and repair, cell cycle effects, influence of oxygen, and tumor versus normal tissue effects of radiation. (Cross-listed with PHY427). (Course offered every other Fall, alternates with PHY325/PHY425).

Department: Physics and Astronomy
Course: PHY 331A
Title: Intro. To Quantum Optics
Instructor: Stroud, C.
Prerequisites: Contact instructor.
Restrictions: Permission of instructor required
Description: This course is a 2-credit version of the corresponding graduate-level course PHY 531/OPT 551. The course is offered th first half of the semester and is identical to the first half of the graduate course.

Department: Physics and Astronomy
Course: PHY 381A
Title: Intro to Particle Physics
Instructor: Thorndike E.
Restrictions: Permission of instructor required
Description: This is a 2-credit version of the corresponding graduate-level course PHY 581. The course is offered the first half of the semester and is identical to the first half of the graduate course.

Department: Physics and Astronomy
Course: PHY 386
Title: Teaching Internship I, Pedagogy Training
Instructor: Manly, S.
Restrictions: Permission of instructor required
Description: This course is designed for an undergraduate planning to be a Workshop Leader, Laboratory or Recitation Teaching Intern (TI), and who plans to use this experience to fulfill part of the requirements for the Citation for achievement in College Leadership. The TI is expected to attend the weekly Leader Training meeting which offers specialized support and feedback, as well as training/ seminars in group dynamics, learning theory, and science pedagogy. The TI teaches one workshop, laboratory, or recitation in the fall semester introductory physics courses: PHY 113, PHY 122, PHY 141 or PHY 142. Additional requirements are: Attendance of weekly content meetings with supervising professor, giving feedback to other leaders in a constructive evaluation process and a project designed in concert with the supervising professor and the PHY 386 instructor. (Course similar to CAS 352). Note: Students are required in April or August, to attend a two-day rigorous training program. Students prepare and present short model recitation and are video taped for self-evaluation.

Department: Physics and Astronomy
Course: PHY 390
Title: Supervised Teaching
Instructor: Manly, S., Demina, R., Bigelow, N
Prerequisites: Permission of the instructor and department
Description: Two credit course. Introduction to the techniques of physics instruction, active observation, and participation in the teaching of an undergraduate course under the guidance of a faculty member.

Department: Physics and Astronomy
Course: PHY 396A
Title: Supervised Science Writing I
Instructor: Bodek, A.
Prerequisites: Primary writing requirement and instructor permission
Restrictions: Permission of instructor required
Description: First course of a two-semester sequence. Students will learn to write science articles and proposals aimed at non-specialists (e.g., popular science articles and general grants). As part of the course, each student will be asked to write a draft science feature article about current research in his/her home department, aiming towards professional publication of the final article on the new UR Science, Technology, Engineering, and Mathematics Portal.(Course is cross-listed with PHY 496A).

Political Science

Department: Political Science
Course: PSC 101
Title: Introduction to Comparative Politics
Instructor: Meguid, B.
Restrictions: Open to freshmen only
Description: This course is an introduction to the study of political science and comparative politics. It focuses on how citizens may be able to control public policies in different modern democracies. The course begins by applying some of these ideas briefly to the American political system. It then turns explicitly to the politics of contemporary Britain, Russia and Germany, examining the political culture, the basic institutional arrangements, the party system, the voters' choices, and the policymaking system in each country. These systems will be compared to each other, to the United States and, occasionally, to other democracies. This course is recommended for those thinking about a major, minor, or cluster in political science and others who are simply interested in learning more about the politics of democracies.

Department: Political Science
Course: PSC 107
Title: Introduction to Positive Political Theory
Instructor: Primo, D.
Description: This course introduces students to positive political theory, a rigorous set of tools that helps clarify key questions in political science. Through examples drawn from all aspects of the political process (from elections to lawmaking to regulation) as well as from everyday life (where should we go for dinner?) and Hollywood (Russell Crowe and Reese Witherspoon as political scientists?), we will study how the rules of the game affect the decisions politicians make as well as the policy

Department: Political Science
Course: PSC 200
Title: Applied Data Analysis
Instructor: Peress, M.
Description: An introduction to the understanding of politics through data analysis. No prior computer or statistical expertise is expected. PSC 200 satisfies the Techniques of Analysis requirement for undergraduate majors and minors in political science.

Department: Political Science
Course: PSC 201
Title: Political Inquiry
Instructor: Clarke, K.
Description: This course introduces students to data analysis in political science. We begin by learning how to describe political data, and then move on to making inferences about political phenomena. Along the way, we address the "science" in political science and the development of hypotheses about political behavior. We will read published research from political science journals that use the techniques we discuss in class. No mathematical knowledge beyond high school algebra is assumed. PSC 201 satisfies the Techniques of Analysis requirement for undergraduate majors and minors in Political Science.

Department: Political Science
Course: PSC 202
Title: Argument in Political Science
Instructor: Gamm, G.
Restrictions: Permission of instructor required for freshmen
Description: Students generally take PSC 202 in their sophomore year, but the course is also open to juniors and seniors. The course introduces students to the questions, concepts, and analytical approaches of political scientists. This version of the course focuses on the tension between majority rule and minority rights in the American political tradition. Issues include tyranny of the majority, slavery, individual rights, civic engagement, parties and interest groups, international diplomacy, legislative organization, and representation. Readings are drawn from classic texts in American thought--the Declaration of Independence, "The Federalist," Tocqueville's "Democracy in America," the Gettysburg Address--as well as from books and articles written by contemporary political scientists.

Department: Political Science
Course: PSC 209
Title: Interest Groups in America
Instructor: Rothenberg, L. **Class Size:** 30-50
Prerequisites: PSC 202 is suggested
Description: Introduces students to issues of concern to political scientists (especially) and economists about the role played by interest groups in American politics. The goal of the course is to provide a better substantive and conceptual understanding of interest groups specifically and the political system more generally. Foci include the historical development of the interest group system, the formation and maintenance of organizations, the relationship between associations and formal political institutions, money and politics, and group efforts to mobilize public and consumer opinion to achieve policy goals. Instruction is primarily through lectures, although class participation is strongly encouraged.

Department: Political Science
Course: PSC 222
Title: The U.S. Presidency
Instructor: Jordan, S.
Exams: midterm and final exams
Description: This course introduces the major topics and theoretical perspectives in the study of the U.S. presidency. Topics include: rationales for and effects of separation of powers; the presidency in comparative perspective; the nature and origin of the president's influence on policy; the president's role in lawmaking and the veto; presidential management of the executive branch; war powers and the president's role in national security.

Department: Political Science
Course: PSC 223
Title: Constitutional Structure and Rights
Instructor: Jackson, T.
Description: In this course, through the lens of the Constitution and Supreme Court cases, we examine the essential structure of the American legal system (both separation of powers at the federal level and the authority of, and relationship among, states and the federal government), as well as the essential nature of civil rights of citizens vis--vis the political order. Topics covered include the nature of the Supreme Courts authority; separation of powers; federal limits on state powers; and individual rights, including economic rights, certain of the rights embraced by the First, Fourth, and Fifth Amendments, and equal protection rights under the Fourteenth Amendment. The ability to read and discuss (as well as place in perspective and disagree with) Supreme Court opinions is an essential part of the course.

Department: Political Science
Course: PSC 225W
Title: Race and Political Representation
Cross-listed: PSC 225W (cap 5), AAS 225
Instructor: Sinclair-Chapman, V. **Class Size:** cap 20
Description: Despite gains made by racial and ethnic minorities in the areas of civil and voting rights, race remains a major source of cleavage in American politics. This upper-level course introduces students to the concepts, theories, and methodological approaches that political scientists use to examine the intersection of racial politics and political representation in the American political context. We will examine democratic theory, the Voting Rights Act, public opinion and electoral behavior, elected officials and public policies, and the effect of electoral rules and districting decisions on minority representation in Congress. This course has considerable reading, writing, and discussion requirements and may best suit experienced juniors and seniors.

Department: Political Science
Course: PSC 237
Title: Domestic Social Policy
Cross-listed: PSC 237W
Instructor: Jacobs, B.
Description: An examination of major policy issues at the federal level. The normative justifications for governmental actions are discussed as well as the limitations imposed by bureaucracy and the decision-making process. Governmental processes that affect the poor are examined in detail, with special attention paid to an assessment of their impact and alternatives now under consideration.

Department: Political Science
Course: PSC 241W
Title: Urban Change and City Politics
Cross-listed: PSC 530, HIS 384W, HIS 484
Instructor: Gamm, G.
Restrictions: Permission of Instructor for Freshman & Sophomores
Description: Through intensive reading and discussion, we examine the politics and history of American cities. The course emphasizes the ways in which ethnicity, race, and class shape battles over housing, neighborhoods, workplaces, schools, and governmental institutions. We examine the relationship between urban neighborhoods and suburbs, the sources of inner-city poverty and residential segregation, city services, economic constraints, and the nature of political alliances. In exploring these topics, we analyze how institutions--governments, party organizations, reform movements, churches and synagogues, city charters--shape the decisions that urban residents can make. This is an advanced seminar. It is open to juniors and seniors with substantial background in political science and/or history.

Department: Political Science
Course: PSC 246
Title: Women in Politics
Cross-listed: WST 203F
Instructor: Bredes, N. **Class Size:** cap 18
Exams: final exam
Coursework: 15-page research paper and a required three-hour field-work experience with a political campaign, followed by an oral presentation about the experience

Description: This course will explore women's evolving roles in American politics. Topics include: a brief historical review of women's rights; women's roles in social movements; and women in electoral politics and as elected officials. Students will examine the quality of women's political leadership, comparing and contrasting it to the traditional gender-based models. Course readings will be supplemented by video presentations and guest lectures.

Department: Political Science
Course: PSC 253
Title: Comparative Political Parties
Cross-listed: PSC 253W
Instructor: Meguid, B.
Prerequisites: PSC 101, 103, 105, 202 or permission of the instructor
Description: This seminar examines the nature of political parties and political competition across democracies in the developed and developing worlds. Issues analyzed include the formation of different types of parties, their role in agenda-setting, policy-making and representation, and their transformation in the post-World War II era.

Department: Political Science
Course: PSC 255
Title: Political Films
Cross-listed: FMS 256B
Instructor: Hauser, E.
Description: The course will examine film as the dominant form of political expression under state patronage, with examples from the Soviet Union, Nazi Germany, and, after World War II, from Poland, Hungary, Czechoslovakia, and the former Yugoslavia. The course will also examine the transformation of political film in post-communist Eastern Europe.

Department: Political Science
Course: PSC 261
Title: Latin American Politics
Cross-listed: PSC 261W
Instructor: Helmke, G.
Description: This course provides an introduction to political institutions and institutional reform in contemporary Latin America. The central theme of the course will be to focus on the emergence and functioning of key political institutions in Latin America, including the presidency, the legislature, the system of electoral rules, political parties, the judiciary, and the bureaucracy. The course will draw on a broad range of theoretical perspectives to analyze institutional choice and performance. In addition, the course will consider competing definitions of institutions, evaluate the trade-offs posed by institutional choice, and consider the prospects for institutional reform in the region.

Department: Political Science
Course: PSC 262
Title: Globalization Past and Present
Instructor: Kayser, M.
Description: This course examines the implications of economic globalization for domestic and international politics. Emphasis will be given to the lessons of 19th-century globalization for politically relevant issues of the present such as the effect of greater factor mobility on income distribution, economic growth, political coalitions, policy-setting autonomy, and the viability of the welfare state. Classes will feature a short introductory lecture followed by active discussion of the week's topic(s) and readings.

Department: Political Science
Course: PSC 272
Title: Theories of International Relations
Cross-listed: PSC 272W
Instructor: Stone, R.
Description: How do we explain patterns of war and peace? Why do states with common interests often fail to cooperate? This course surveys theories of international relations, focusing on explanations of conflict and cooperation. In particular, it examines the roles of individual choice, strategic interaction, uncertainty, power, domestic politics, and anarchy. Students participate in an internet-based simulation of an international crisis. The course also serves as an introduction to game theory, and students will be expected to solve game theory problems in homework and exams. Students taking the course for writing credit register for PSC 272W and write a substantial research paper in addition to the other course requirements.

Department: Political Science
Course: PSC 280
Title: The Politics of Delegation
Instructor: Jordan, S.
Description: Delegation is a pervasive feature of representative democracy. For instance, voters delegate public policy choices to elected politicians, elected politicians delegate choices of electoral strategy to party leaders, and elected politicians delegate the details of public policy to non-elected bureaucrats. This course introduces students to some of the big questions raised by political delegation, and to the basic tools that positive political theorists use to grapple with these questions. Finally, it surveys the use of these tools in a wide range of applications, including elections and electoral accountability, legislative politics, bureaucratic politics, federalism, and the politics of economic policy.

Department: Political Science
Course: PSC 283
Title: Contemporary Political Theory
Instructor: Johnson, J.
Description: This course deals with the role of vision and representation in current political thought. This is a broad theme. To explore it we will read a variety of critics and theorists such as John Dewey, Michel Foucault, and Susan Sontag. We also will explore efforts in a broad range of visual media such as graphics and photography to envision such matters as race and color, migrations and boundaries, material inequality, and so forth. By analyzing these resources, students will develop their skills, both oral and written, at formulating their own arguments on important political themes.

Department: Political Science
Course: PSC 288
Title: Game Theory
Cross-listed: ECO 288
Instructor: Kalandrakis, A.
Description: Game theory, despite its frivolous-sounding name, gives us a unified approach to understanding social phenomena. It helps us understand not just the way people play games in the usual sense, like tic-tac-toe, chess or poker, but the way they behave in complex social situations as well. Examples of situations to which we will apply the theory include (but are not limited to): arms races, provision of public goods, competition between firms, electoral campaigns, voting, auctions, and bargaining. There are no formal prerequisites, but some aptitude for logical or mathematical reasoning is desirable.

Department: Political Science
Course: PSC 292
Title: Rousseau to Revolution
Cross-listed: PHL 324
Instructor: Dees, R.
Description: This course will study the political philosophy of Rousseau and the French Revolution.

Department: Political Science
Course: PSC 380
Title: The Scope of Political Science
Cross-listed: PSC 480
Instructor: Powell, GB
Restrictions: Permission of instructor required
Description: The aim of the seminar is to encourage students to examine political science in a reflective, disciplined, critical way. It is primarily designed for entering Ph.D. students, but may be appropriate for undergraduate seniors considering graduate work in political science. We use basic concepts in the philosophy of science to explore a range of specific examples of research in the discipline with the aim of discerning more clearly what it means to say that social and political inquiry is scientific.

Department: Political Science
Course: PSC 393
Title: Senior Honors Project
Instructor: Department Faculty
Restrictions: Permission of instructor required
Description: The Honors Project is a year-long research project supervised by a faculty member in the department and culminating in a written work. It begins, in most instances, with enrollment in the Junior Honors Seminar. Registration in PSC 393 requires approval of the faculty member who will supervise the honors project.

Department: Political Science
Course: PSC 394
Title: Local Law and Politics Internships
Instructor: Powell, L.
Description: Most internship placements are in the District Attorney's or Public Defender's offices. Occasionally one or two other law placements are available. Students may also propose an alternative political or law placement. Interns work 10-12 hours per week through the entire semester. Grades are primarily based on a research paper. Applicants should have an appropriate course background for the internship and at least a B average. Students must be accepted in the course before approaching an agency for an internship. Students interested in an internship should pick up an application in the Political Science office (Harkness 333). Applications are available a week before registration starts, and an interest meeting is also held at that time.

Department: Political Science
Course: PSC 397
Title: European Political Internships
Instructor: Powell, L.
Description: Internships are available for students in London, Brussels, Paris, Bonn, and Madrid. Students need a modest amount of French in Brussels and need substantial fluency in the language for the latter three placements. For applications and information, students should contact the Study Abroad Office.

Psychology

Department: Psychology
Course: PSY 100
Title: Psychology Here & Now
Instructor: McAdam, D.
Restrictions: Permission of instructor required
Description: Psychology 100 is intended to acquaint Freshman coming with backgrounds in psychology with psychology as it is done here at the University of Rochester.

Department: Psychology
Course: PSY 101
Title: Introduction to Psychology
Instructor: McAdam, D.
Restrictions: Open to freshmen only
Description: The course will survey the various subdisciplines of psychology and their interrelationships. The application of the laws, theories and observation of psychology to the understanding of human behavior and mental life will be emphasized. There will be three weekly lectures and optional weekly recitations. A comprehensive text of about 600 pages will be required. The course grade will be based primarily on exam performance as measured against an absolute scale (i.e., grades will not be curved). There will also be opportunities to earn credit with short reports. Note: The Department of Psychology requires students in Psychology 101 participate for a few hours as subjects in ongoing research.

Department: Psychology
Course: PSY 101
Title: Introduction to Psychology
Instructor: Huta, V.
Description: Provides familiarity with the major domains of, and the methods of discovery used in, the field of psychology. Topics covered include biopsychology, cognition and intelligence, child development, social processes, personality, and clinical psychology. The course provides an opportunity to "sample" many of the domains of psychology, both in preparation for taking more focused courses in the discipline, and to permit the application of psychological insights to other fields of endeavor.

Department: Psychology
Course: PSY 110
Title: Neural Foundations of Behavior
Cross-listed: BCS 110
Instructor: Pouget, A., Holtzman, D. **Class Size:** 200
Description: Please see BCS 110 for the course description.

Department: Psychology
Course: PSY 151
Title: Perception and Action
Cross-listed: BCS/CVS 151
Instructor: Williams, D. **Class Size:** 60
Prerequisites: PSY/BCS 110 or BCS 111 or PSY/BCS 112
Description: Please see BCS 151 for the course description.

Department: Psychology
Course: PSY 152
Title: Language and Psycholinguistics **Class Size:** 30
Prerequisites: PSY/BCS 110 OR 112
Description: Please see BCS 152 for the course description.

Department: Psychology
Course: PSY 171
Title: Social and Emotional Development
Description: Please see CSP 171 for the course description.

Department: Psychology
Course: PSY 181
Title: Theories of Personality & Psychotherapy
Cross-listed: CSP 181
Description: Please see CSP 181 for the course description.

Department: Psychology
Course: PSY 183
Title: Animal Minds
Cross-listed: BCS 183
Instructor: Faber, B.
Description: Please see BCS 183 for the course description.

Department: Psychology
Course: PSY 205W
Title: Lab in Development and Learning
Cross-listed: BCS 205
Instructor: Aslin, R. **Class Size:** 15
Prerequisites: BCS 200 (or approved course in statistics) and one of PSY 151, 152, 153, 172, or equivalent background with approval of instructor
Description: Please see BCS 205 for the course description.

Department: Psychology
Course: PSY 211
Title: Introduction to Statistical Methods in Psychology
Cross-listed: CSP 211
Instructor: Huta, V. **Class Size:** 60
Description: Please see CSP 211 for the course description.

Department: Psychology
Course: PSY 219W
Title: Research Methods of Psychology
Cross-listed: CSP 219W
Instructor: Rogge, R. **Class Size:** 25
Prerequisites: PSY 101
Description: Please see CSP 219W for the course description.

Department: Psychology
Course: PSY 242
Title: Neuropsychology
Cross-listed: BCS/NSC 242
Instructor: Como, P. **Class Size:** 35
Prerequisites: PSY 110 or BCS 240 (NSC 201) or permission of the instructor.

Department: Psychology
Course: PSY 263
Title: Relationship Process and Emotions
Cross-listed: CSP 263
Description: Please see CSP 263 for the course description.

Department: Psychology
Course: PSY 264
Title: Industrial and Organizational Psychology
Cross-listed: CSP 264
Instructor: Cook, G.
Exams: 3 exams
Description: Please see CSP 264 for the course description.

Department: Psychology
Course: PSY 267
Title: Psychology of Gender
Cross-listed: CSP 267
Description: Please see CSP 267 for the course description.

Department: Psychology
Course: PSY 276
Title: Psychology of Parenting
Cross-listed: CSP 276
Instructor: Mc Dowell, D.
Prerequisites: CSP/PSY 171 Social and Emotional Development
Description: Please see CSP 276 for the course description.

Department: Psychology
Course: PSY 301W
Title: Teaching Psychology
Instructor: McAdam, D.
Restrictions: Permission of instructor required
Description: Please see CSP 301W for the course description.

Department: Psychology
Course: PSY 310W
Title: Honors Research
Cross-listed: CSP 310W
Instructor: Klorman, R.
Restrictions: Permission of instructor required
Description: Please see CSP 310W for the course description.

Department: Psychology
Course: PSY368W
Title: Seminar in Humanistic Psychology
Cross-listed: CSP 368W
Instructor: Deci, E.
Restrictions: Permission of instructor required
Description: Please see CSP 368W for the course description.

Department: Psychology
Course: PSY 373
Title: Exploring Research in Social Psychology
Instructor: Elliot, A.
Restrictions: Permission of instructor required
Description: Please see CSP 373 for the course description.

Department: Psychology
Course: PSY 375
Title: Advanced Topics: Relationships & Emotions
Cross-listed: CSP 375
Instructor: Reis, H. **Class Size: 16**
Prerequisites: CSP/PSY 263
Description: Please see CSP 375 for the course description.

Department: Psychology
Course: PSY 377
Title: Exploring Research in Family Psychology I
Cross-listed: CSP 377
Instructor: Davies, P.
Description: Please see CSP 377 for the course description.

Department: Psychology
Course: PSY 383
Title: Moral Development
Instructor: Smetana, J.
Description: Please see CSP 383 for the course description.

Department: Psychology
Course: PSY 384
Title: Practicum in Developmental Disabilities
Cross-listed: CSP 384
Instructor: Bennetto, L.
Restrictions: Permission of instructor required

Religion & Classics

Department: Religion & Classics
Course: REL 101
Title: Introduction to the Old Testament
Cross-listed: JST 106
Instructor: Merideth, A.
Description: In this course, we will examine the texts of the Hebrew Bible in their social, historical, and religious contexts. We will read major biblical books and examine their major themes against the background of Ancient Near Eastern culture. We will approach the texts of the Hebrew Bible as we would any other historical documents. Students will be exposed to the methods of modern biblical scholarship as well. No previous knowledge of the Hebrew Bible or of Judaism is presupposed. Requirements for the course include one paper analyzing a biblical text, a midterm quiz, and a final exam. Upper-level writing credit available (REL 101W).

Department: Religion & Classics
Course: REL 103
Title: History of Judaism
Cross-listed: JST 203
Description: This course will provide an introduction to the morphology, history, and intellectual development of Judaism from its biblical beginnings up to the modern period. It will also introduce the major holidays, life cycle events, and rituals that are a central part of Jewish life.

Department: Religion & Classics
Course: REL 105
Title: The Asian Search for Self
Instructor: Brooks, D.
Exams: Mid-term, final
Coursework: Term paper
Description: An introduction to the intellectual and religious history of India. We shall investigate particularly the ways in which early Vedism, classical Hinduism, Buddhism, and Jainism conceive of the cosmos, meaningful human existence and life's ultimate goals. Readings include original sources in translation, such as the Upanisads, the Bhagavadgita and Buddhist scriptures in both Mahayana and Nikaya-based traditions.

Department: Religion & Classics
Course: REL 107
Title: History of Islam
Cross-listed: AAS 107, HIS 117
Instructor: Homerin, Th. E.
Exams: 3 exams; 3 quizzes
Description: This course will trace the development of the religion of Islam from its origins in the Qur'an and Muhammad's teachings, through the codification of the classical tradition in its various forms, and finally to the living Islam of the contemporary world.

Department: Religion & Classics
Course: REL 111
Title: Philosophy of Religion
Cross-listed: PHL 111
Instructor: Wierenga, E.
Exams: Three 50-minute tests
Coursework: short paper (6-10 pages)
Description: Topics include the existence of God, the nature of God, and the relation of God to the world. We will examine traditional arguments for and against God's existence, we will consider divine attributes such as omnipotence and omniscience, and we will discuss such topics as miracles and the relation of religion and morality. Three lectures per week with opportunity for discussion. Text: Philosophy of Religion, ed., Louis Pojman.

Department: Religion & Classics
Course: REL 142
Title: The Ideas of the Greeks
Cross-listed: CLA 142
Instructor: Geier, A.
Exams: two essay exams, two papers
Description: Please see CLA 142 for the course description.

Department: Religion and Classics
Course: REL 149
Title: Contemporary Fiction from the Arab World in Translation
Cross-listed: ARA 149
Instructor: Beaumont, D.
Description: Please see ARA 149 for the course description.

Department: Religion & Classics
Course: REL 167K
Title: Speaking Stones
Instructor: Homerin, T.E.
Description: This course will examine grave stones and funerary architecture in Rochester's historic Mt. Hope Cemetery. Students will be introduced to western funeral ritual and practice, with a particular focus on funerary architecture and cemeteries in the United States, and the place of graves and graveyards in popular fiction and culture. Then they will examine the iconography and epigraphy of graves and funerary monuments in terms of their function of forging symbolic connections among the living and the dead. Case studies will be drawn from Mt. Hope Cemetery, which will further serve to illuminate both Rochester's history, and American religious belief and practice.

Department: Religion & Classics
Course: REL 188
Title: The Burnt Over District: 19th Century Religion in Western NY
Instructor: Butler, A.
Description: Upstate New York in the 19th Century was a hot bed of Religious Fervor and the birthplace of religious movements such as Mormonism, Spiritualism, and Millennialism. This course will investigate the religious movements that originated and thrived in Upstate New York, the leaders and followers of the various movements, and the impact that this religious fervor has on religion in America today. The course also includes at least 1-2 site visits to various historic sites that are integral to the history of religion in Upstate New York.

Department: Religion & Classics
Course: REL 197Q
Title: Dante's Divine Comedy I
Cross-listed: REL 285/CLT 116Q/CLT 253C/IT 195Q/IT 220
Instructor: Stocchi, D.
Restrictions: Open to freshmen only
Description: Please see IT 220 for the course description.

Department: Religion & Classics
Course: REL 208
Title: Medicine, Magic, and Miracle in the Greco-Roman World
Cross-listed: CLA 208
Instructor: Merideth, A.
Restrictions: Not open to freshmen
Description: Using a wide range of materials (medical treatises, magical papyri, gospel stories, inscriptions, etc.), we will examine the range of understandings of disease and of healing practices in the Greco-Roman world. We will focus on the development of competing healing cults in antiquity (such as the Asklepios cult, early Christianity) as well as the development of the medical "profession" during this period. Additionally, we will examine and critique both ancient and modern debates over the differences between science, magic, and religion.

Department: Religion & Classics
Course: REL 226
Title: Martin & Malcolm in America: Religion in the Civil Rights Movement
Cross-listed: AAS 228
Instructor: Butler, A.
Description: Martin Luther King Jr. and Malcolm X are icons of the civil rights movement, in part because of their religious beliefs and their deployment of belief in advocating for civil rights for African Americans. This course will explore the religious biographies of MLK and Malcolm X, placing their lives in comparison to the broader civil rights movement and the roots of religious motivation and dissent that fueled the ferment of change.

Department: Religion & Classics
Course: REL 230
Title: Augustine, Anselm, and Aquinas
Cross-listed: PHL 268/468
Instructor: Wierenga, E.
Exams: mid-term, final test, and two or three 6-8 page papers.
Description: Critical examination of the writings of these important philosophers/theologians, with particular attention to their views that are relevant to the philosophy of religion. Topics to be discussed include the nature of knowledge, the relation of faith and reason, the attempt to prove that God exists, the nature of God, and the analysis of divine attributes, such as omnipotence.

Department: Religion & Classics
Course: REL 231
Title: Christian History Part I
Instructor: Cadorette, C.
Description: This course will examine the origin and evolution of Christianity, juxtaposing Christian belief and behavior with the historical environments Christianity existed in until 1500. Multiple short papers are required.

Department: Religion & Classics
Course: REL 236
Title: Catholicism in American Life
Instructor: Cadorette, C.
Exams: mid-term and final examination
Coursework: Readings will average about eighty pages per week. Students may choose between three five to seven page essays or a twenty-five page research paper. There will be a mid-term and a final examination.

Description: In this course we will explore the history of Catholic Christianity over the past five centuries, focusing on its growth and evolution in the United States. We will begin with an examination of Catholicism as a colonial religion brought by Spanish, French, and English colonists, trying to grasp its common characteristics and cultural variants. We will then examine the history of Catholicism in the United States from the Revolutionary War until the Kennedy presidency when Catholics entered the mainstream of American social life. Finally, we will examine some of the issues that both characterize and divide the contemporary Catholic community as it tries to define itself in relationship to American society as a whole.

Department: Religion & Classics
Course: REL 250
Title: Shiva & Shakti
Instructor: Muller-Ortega, P.
Description: Known as Mahadeva, the Great God of Hinduism, Shiva appears in myriad forms and disguises, but always as the erotic ascetic, the paradoxical exemplar of the contradictions and contraries of human and cosmic existence. His spouse and consort is the divine Shakti, who is the embodiment of every form of power. This divine couple exemplifies the great and cosmic union of male and female, later celebrated and philosophically interpreted by the Hindu Tantra. By an examination of the mythology, stories, poems, artistic representations, and temple lore of Shiva, as well as of the tantric philosophies of Shaivism, we will immerse ourselves in the delightful and enticing nature of this God and Goddess. Readings will range from translations of the famed Shiva Sutras of Kashmir Shaivism to several works of modern interpretive scholarship on the nature of Shiva. No previous knowledge is presumed by this course, and it has no prerequisites, though a previous introductory course in Hinduism might be helpful.

Department: Religion & Classics
Course: REL 260
Title: Hindu Ascetics, Mystics and Doctors
Instructor: Brooks, D.
Prerequisites: Either 104, 241, 243 or permission of the instructor
Coursework: 2 papers, 2 in-class presentations
Description: A close study of primary sources in translation and recent scholarship on the Hindu traditions focused on the ascetic god Siva and the Great Goddess. Special attention will be paid to the theories and practices of esoteric Yoga, Tantra, and Ayurvedic medicine as well as the ideology of Kashmir Saivism and goddess-centered Srividya.

Department: Religion & Classics
Course: REL 285
Title: Dante's Divine Comedy I
Cross-listed: REL 197Q/CLT 116Q/CLT 253C/IT 195Q/IT 22
Instructor: Stocchi, D.
Description: Please see IT 220 for the course description.

Department: Religion & Classics
Course: REL 293W
Title: Theories of Religion
Instructor: Muller-Ortega, P.
Description: An investigation of important methodological contributions to the critical study of religion. The class will be conducted as a seminar. In class, papers and discussion will constitute the work of the course. One hundred and fifty pages of reading per week. Restricted to Religion majors and minors only.

Religion & Classics - Arabic

Department: Religion & Classics -- Arabic
Course: ARA 101
Title: Elementary Arabic I
Instructor: Beaumont, C.
Exams: Weekly quizzes; final exam.
Description: An introduction to the written language of the Arab Middle East. Students learn the Arabic alphabet and begin the study of grammar and syntax. Class time is divided between lectures, drills, and reading texts. In addition to written exercises, it is expected that students will work on their reading skills outside of class.

Department: Religion & Classics -- Arabic
Course: ARA 103
Title: Intermediate Arabic
Instructor: Beaumont, C.
Prerequisites: 101 & 102 (ARA) or passing placement exam.
Exams: Quizzes every two weeks; midterm and final.
Description: Continue ARA 101 and ARA 102. The "weak" verb is introduced, which completes the basic grammar. Class-time is devoted to grammar, conversation, reading and drills.

Department: Religion and Classics - Arabic
Course: ARA 149
Title: Contemporary Fiction from the Arab World in Translation
Cross-listed: REL 149
Instructor: Beaumont, D.
Description: This course introduces the students to major Arab authors of contemporary novels and short stories in excellent translations. Works include Palace Walk by the Nobel Prize winner Naguib Mahfouz, prize-winning short stories of Yusuf Idris, Abdurahman al-Munif's classic vision of Saudi Arabia Cities of Salt, as well as works by Ghassan Kanafani, Gamal Al-Ghitani and many others. The goal is to give the student an understanding of life in the contemporary Arab World that transcends mass media stereotypes. The selected works reflect literary merit, but the readings also attempt to bring in lesser-known voices from places such as Libya, the Sudan and the Gulf states. Classes will be in seminar form, and class participation and written essays will form the basis of the grade.

Department: Religion & Classics -- Arabic
Course: ARA 201
Title: Arabic Prose Seminar I
Instructor: Beaumont, D.
Prerequisites: ARA 103
Exams: 2 Midterm and 1 Final
Description: The course emphasizes readings in literary Arabic to strengthen the vocabulary of students who have completed study of the basic grammar. Further instruction in the grammar is based on the readings. The selection of texts will take into account students' interests.

Religion & Classics -- Classical Greek

Department: Religion & Classics -- Classical Greek
Course: CGR 101
Title: New Testament & Classical Greek I
Instructor: Argetsinger, K.
Description: This course provides an introduction to ancient Greek, the language used by classical Attic authors as well as the writers of the New Testament and other early Christian texts. We will work toward a mastery of forms and vocabulary, an understanding of syntax, and a habit of precise reading. Supplemental readings will be drawn from a broad range of ancient Greek literature. Attendance in recitation is required.

Department: Religion & Classics -- Classical Greek
Course: CGR 103
Title: Intermediate Greek
Instructor: Florence, M.
Description: This course offers an intensive review of Greek grammar combined with readings in Greek prose in order to strengthen the students knowledge of Classical Greek and improve translation skills. We will translate and discuss Xenophon's Memorabilia, a dialogue about Socrates.

Department: Religion & Classics -- Classical Greek
Course: CGR 209
Title: Plato's Meno
Instructor: Geier, A.
Prerequisites: One year of Classical Greek.
Description: Translation and close study of Plato's Meno. One year of Classical Greek a prerequisite. Skill in translating and advancement of the knowledge of Greek will be stressed.

Religion & Classics -- Classical Studies

Department: Religion & Classics -- Classical Studies
Course: CLA 208
Title: Medicine, Magic, and Miracle in the Greco-Roman World
Cross-listed: REL 208
Instructor: Merideth, A.
Restrictions: Not open to freshmen
Description: Please see REL 208 for the course description.

Department: Religion & Classics -- Classical Studies
Course: CLA 142
Title: The Ideas of the Greeks
Cross-listed: REL 142
Instructor: Geier, A.
Exams: two essay exams, two papers
Description: A study of the major themes and ideas (literary, philosophical, religious, and historical) from Homer to Aristotle (e.g. excellence, fate, the gods, being, tragedy, comedy, Kosmos, logos, intellect, history, family, beauty, matter, nature, etc.) Lecture and discussion.

Department: Religion & Classics -- Classical Studies
Course: CLA 210
Title: Roman World
Instructor: Florence, M.
Description: The course offers a comprehensive account of the history of Rome. It first deals with her humble beginnings as a small city-state in central Italy, continuing with the process of Roman hegemony in the Italian peninsula and the Mediterranean world. Lastly, the course ends with the times that led to the fall of the Roman empire in the west in AD 476. Overall, the student will be introduced to the analysis of written and archaeological sources in order to answer the basic question: how do we know about the Romans? Thus, the analysis of the evidence will be the foundation to discuss major topics of Roman civilization. For instance, an examination of the city of Pompeii will allow us to reconstruct the daily life of a wealthy Roman city. As regards written sources, Cicero's speeches and letters, for example, provides us with an unparalleled picture of the last years of the Roman republic.

Department: Religion & Classics -- Classical Studies
Course: CLA 213
Title: Roman Structures: Engineering in the Classical World
Cross-listed: ME 105
Instructor: Perucchio, R.
Restrictions: Special application required
Description: Please see ME 105 for the course description.

Religion & Classics -- Hebrew

Department: Religion & Classics -- Hebrew
Course: HEB 101
Title: Elementary Hebrew I
Cross-listed: JST 101
Instructor: Fix, T.
Exams: no final
Description: Introduction to the structure of modern Hebrew. Practice in speaking, reading and writing. Several exams and quizzes throughout the semester. No final. Textbook: The New Ivrit min Hhatchala (Hebrew from scratch) level 1/Shlomit Chayat, Sara Israeli and Hella Kobliner. Hebrew 101 may not be taken by anyone who has successfully completed Hebrew 102 or higher.

Department: Religion & Classics -- Hebrew
Course: HEB 103
Title: Intermediate Hebrew
Cross-listed: IST 103
Instructor: Fix, T.
Prerequisites: HEB 102 or equivalent
Description: Continuation of Hebrew 102 with emphasis on enhancing reading comprehension, writing and speaking skills. Students are expected to have good understanding in structure of Hebrew and familiarity with Hebrew verb forms. Several exams and quizzes throughout the semester. No final. Textbook: Lessons in Modern Hebrew, level 1/Edna Amir Coffin, and material from other sources (e.g. newspaper). Hebrew 103 may not be taken by anyone who has successfully completed Hebrew 204.

Religion & Classics -- Latin

Department: Religion & Classics -- Latin
Course: LAT 101
Title: Elementary Latin I
Instructor: Argetsinger, K.
Description: Come learn the language of Vergil, Cicero, and St. Augustine. Latin has been the western world's learned language for 2000 years and is the source for most of the scholarly and technical vocabulary of English. The elementary Latin sequence (LAT 101, LAT 102, LAT 103) is designed to get you reading authentic materials quickly. For Latin 101, no Latin background is required or assumed.

Department: Religion & Classics -- Latin
Course: LAT 103
Title: Intermediate Latin
Instructor: Florence, M.
Prerequisites: LAT 102 or a minimum of 420 on the College Proficiency Exam, or permission of the instructor.
Description: This course, the third in the introductory sequence, consists of readings from a selection of Latin prose and poetry, with accompanying grammar review.

Department: Religion & Classics - Latin
Course: LAT 206
Title: Vergil's Aeneid
Instructor: Geier, A.
Prerequisites: LAT 103 or permission of instructor
Description: A study of books 1, 2, 4, 6 of Vergil's Aeneid. Concentration on translation and interpretation of the work and improving linguistic and critical skills in the student. Some discussion of the similarities and differences between the Aeneid and Homer's Iliad and Odyssey, the epic form and content.

Department: Religion & Classics -- Latin
Course: LAT 250
Title: Latin Skills
Cross-listed: LAT 450
Instructor: Argetsinger, K.
Description: This course focuses on the development of listening, speaking, and writing skills for Latin students and prospective teachers. Topics to be covered include Oral Latin, Latin Prose Composition, Active Learning in the Latin Classroom, and Latin Curricula and Lesson Design.

Department: Religion & Classics -- Latin
Course: LAT 251
Title: Latin Prose Composition
Instructor: Argetsinger, K.
Description: Students will translate progressively more complex sentences and passages from English into Latin and will try their hand at free composition. Includes a thorough review of Latin syntax and idiom.

Department: Religion & Classics -- Latin
Course: LAT 450
Title: Latin Skills
Cross-listed: LAT 250
Instructor: Argetsinger, K.
Description: Please see LAT 250 for the course description.

Religion & Classics - Sanskrit

Department: Religion & Classics - Sanskrit
Course: SKT 101
Title: Introductory Sanskrit I
Instructor: Brooks, D.
Description: This course is an introduction to the Sanskrit language, with emphasis upon rudimentary grammar and syntax. Absolutely no prior knowledge of Sanskrit is required. The course is appropriate for those who wish to pursue proficiency in this language, but also for those looking for some experience of an ancient Indo-European language, or those interested in gaining a deeper appreciation of South Asian Sanskrit literature.

Russian Studies - Please see Modern Languages & Cultures

Sociology

Department: Sociology
Course: SOC 101
Title: Introduction to Sociology
Instructor: Harper, D. **Class Size:** 50
Exams: Two midterms, Final Examination
Description: Content: For the student, the objectives of the course are: (1) to acquire a sociological perspective, (2) to learn and understand the major sociological ideas and research findings, and (3) to develop a critical and questioning stance towards public pronouncements about social phenomena. Sociology is the study of rule governed behavior (and, hence is the study of systems of morality), of conformity and deviance, of social inequality and of social change. The lectures, readings and class discussion focus on these matters, which refer to different aspects of the social interactions. **METHOD OF INSTRUCTION:** Lectures; some class discussion of reading. **READINGS:** No single textbook is assigned. Rather, six to eight research monographs and book length essays are assigned. Examples are Zellner, Extraordinary Groups (a study of different groups, such as the Old Order Amish, who have unconventional life styles; Bosk, Forgive and Remember, (a study of surgical residents in a teaching hospital); Beeghley, Homicide: a Sociological Explanation; Newman, No Shame in my Game: the working poor in the inner city; Goffman, Behavior in Public Places, (an essay on how people conduct themselves in public.)

Department: Sociology
Course: SOC 205
Title: Microsociology
Instructor: Smith, T.
Exams: No exams, three term papers
Description: Microsociology gives students hands-on experience using theories to interpret ongoing small group processes. Weekly student meetings are videotaped, and the videotapes are subsequently studied with the professor. Students read widely from literature on small group processes, group psychotherapy, and social psychology. Weekly student discussions.

Department: Sociology
Course: SOC 206
Title: Advanced Microsociology
Instructor: Smith, T.
Prerequisites: SOC 205
Description: This course is limited to those students who have taken SOC 205 Microsociology. This course again focuses on group development; students will work at understanding themselves in social settings. New methods of observing and analyzing interaction will be introduced. Students will read further in the literature of small groups. Each self analytic group will analyze tapes from meetings of groups other than own.

Department: Sociology
Course: SOC 221
Title: Love, Friendship and Community
Cross-listed: ANT 214
Instructor: Smith, T.
Exams: None; Two written presentations; class presentation.
Coursework: Lectures at beginning of semester; class presentations and discussion in later part of semester.
Description: This course introduces students to a neurosociological perspective on strong interaction and strong personal ties—high frequency social dynamics marked by strong mutual coupling. Traditional subjects such as love, friendship, and community are examined in this new perspective, and the mainstream literature in sociology and social psychology is sampled in weekly readings. The course format in mixed: lectures at the beginning of the semester give way to increased class presentations and discussion. Grades are assigned on the basis of two written assignments and class presentations.

Department: Sociology
Course: SOC 314K
Title: Business Beyond Books: Entrepreneurial Practice
Instructor: Smith, T.
Description: Introduction to entrepreneurial practice, using archival resources from the Churchill Club, Silicon Valley's premier networking organization for business.

Statistics

Department: Statistics
Course: STT 201
Title: Introduction to Probability
Cross-listed: MTH 201
Prerequisites: MTH 162 or equivalent, MTH 164 recommended
Exams: 2-3 exams
Description: Please see MTH 201 for this course description.

Department: Statistics
Course: STT 211
Title: Applied Statistics for the Social Sciences I
Exams: 2 midterms and a final
Coursework: Lectures plus weekly recitation section meeting. Weekly homework.
Description: Descriptive statistics, statistical analysis, and statistical inference as used in the social sciences; including elements of correlation, regression, and analysis of variance. Excel, Minitab and similar programs.

Department: Statistics
Course: STT 212
Title: Applied Statistics for the Biological & Physical Sciences I
Exams: Two mid-terms and a final **Class Size:** 75-100
Coursework: Lectures plus a weekly recitation section. Weekly homework.
Description: Descriptive statistics, statistical analysis, and statistical inference as used in the biological and physical sciences; including elements of correlation, regression, and analysis of variance. Excel, Minitab and similar programs.

Department: Statistics
Course: STT 213
Title: Elements of Probability and Statistics **Class Size:** 100
Prerequisites: MTH 141 or equivalent.
Exams: 2 mid-terms and a final exam
Coursework: Lectures plus weekly recitation section meeting. Weekly homework.
Description: Descriptive statistics; probability; binomial, Poisson, normal distributions; estimation of means, proportions, and their differences; confidence limits; tests of hypotheses; chi-square tests of association; introduction to regression analysis. Computing with Minitab. (MTH 165 was renumbered STT 213, eff. Fall 2003.)

Department: Statistics
Course: STT 221W
Title: Sampling Techniques **Class Size:** 15
Prerequisites: STT 211, STT 212 or STT 213, and 203 or equivalent.
Exams: Weekly assignments, 2 exams, & a final
Description: Simple random, stratified, systematic, and cluster sampling; estimation of the means, proportions, variance, and ratios of a finite population. Ratio and regression methods of estimation and the use of auxiliary information. The nonresponse problem. Prerequisite: Familiarity with the concepts of expectation, variance, covariance and correlation.

Department: Statistics
Course: STT 226W
Title: Introduction to Linear Models **Class Size:** 20
Prerequisites: STT 212 or 213, and STT 203.
Exams: Two mid-terms & a final
Description: (2 credits; first half of the semester) Simple linear, multiple, and polynomial regression methods and applications; ordinary and generalized least squares, estimation, tests of hypotheses, and confidence intervals, and simultaneous inference, and computer packages. Computer programs including JMP and SAS.

Department: Statistics
Course: STT 277
Title: Computing: Introduction to Statistical Software
Cross-listed: STT 477
Prerequisites: STT 212 and either 216 or STT 226. **Class Size:** 20
Exams: Final
Description: Introduction to the MINITAB, SAS, and S programming environments. Some general theoretical and practical topics in computing are also presented. Individual projects on some advanced topics. (Course offered first half of the semester, 2 credits.)

Department: Statistics
Course: STT 278
Title: Methods of Data Analysis **Class Size:** 20
Cross-listed: STT 478
Prerequisites: STT 277.
Exams: Final
Description: Philosophy and the techniques of exploratory data analysis. Each student analyses a single real-life data set in some depth and discusses his/her work with the class. Extra instruction in S as needed. (Course offered second half of the semester, 2 credits.)

Women's Studies

Department: Women's Studies
Course: WST 100
Title: Intro to Women's Studies: Fighting Femmes: Action Heroines in American Culture
Instructor: Dove-Viebahn, A. **Class Size:** 25
Description: What is a hero? How does gender influence the cultural criterion denoting who is considered a hero or heroine (and is "heroine" even an applicable term or does it intrinsically imply gender inequality)? How have the women's movement and feminism in its many forms influenced the representation and reception of female heroes in the popular imagination? These and other questions will form the foundation of this class, which aims to explore the role of the hero/heroine as it has been interpreted in popular culture from the late 1960s to the present. During the course of the semester, we will consider a number of films and television shows which depict women in "heroic" roles - whether as detectives, vigilantes, saviors, or soldiers. Accompanying texts will include selections from feminist manifestos, feminist criticism and theory, psychoanalytic texts, historical accounts, and the popular press. While this course will focus on female heroes, we will also examine several texts and films that will allow us to discuss the differing conventions which accompany the male action hero. Besides its emphasis on visual media, this course will also have a strong cultural slant, encouraging students to interpret each film and show through the lens of its historical and/or social context.

Department: Women's Studies
Course: WST 103
Title: Language and Sexuality
Cross-listed: LIN 103
Instructor: Runner, J.
Description: Please see LIN 103 for the course description.

Department: Women's Studies
Course: WST 115
Title: Introduction to Medical Anthropology
Cross-listed: ANT 102
Instructor: Metcalf, L. **Class Size:** 30
Coursework: Lectures, discussions, readings, films
Description: Please see ANT 102 for the course description.

Department: Women's Studies
Course: WST 129
Title: Women and Music
Cross-listed: MUR 128
Instructor: Mecconi, H.
Description: Please see MUR 128 for the course description.

Department: Women's Studies
Course: WST 203F
Title: Women in Politics
Cross-listed: PSC 246
Instructor: Bredes, N.
Exams: Midterm and final class exam
Coursework: 5-page paper analyzing a specific campaign and a 10-page research paper
Description: Please see PSC 246 for the course description.

Department: Women's Studies
Course: WST 214
Title: Woman as Image and Text
Cross-listed: AH 210/410
Instructor: Seiberling, G. **Class Size:** 25
Description: Please see AH 210 for the course description.

Department: Women's Studies
Course: WST 215
Title: Community, Earth, and Body
Cross-listed: DAN 214
Instructor: Hook, J.
Description: Please see DAN 214 for the course description.

Department: Women Studies
Course: WST 217
Title: Birth and Death: Anthropology of Vital Events
Cross-listed: ANT 218
Instructor: Carter, A.
Restrictions: Permission of instructor required for freshmen
Coursework: Two hourly and one final exam; optional research paper
Description: Please see ANT 218 for the course description

Department: Women's Studies
Course: WST 218
Title: Marriage, Family & Community in a Global Perspective
Cross-listed: ANT 244, AAS 248
Instructor: Emmett, A. **Class Size:** 30
Description: Please see ANT 244 for the course description.

Department: Women's Studies
Course: WST 267
Title: Topics in Media Studies: Changing Genres of Erotica
Cross-listed: ENG 267, ENG 467
Instructor: Bleich, D.
Description: Please see ENG 267 for the course description.

Department: Women's Studies
Course: WST 272
Title: Gender and Sexuality in the 20th Century
Cross-listed: GER 272, CLT 222B, CLT 422B
Instructor: Nader, A.
Description: Please see GER 272 for the course description.

Department: Women's Studies
Course: WST 391
Title: INDEPENDENT STUDY
Restrictions: Permission of instructor required
Coursework: Students interested in Independent Study should contact the Women's Studies Curriculum Director.

Department: Women's Studies
Course: WST 393
Title: INDEPENDENT RESEARCH
Restrictions: Open only to senior majors or by permission of instructor
Description: Independent research with substantial supervised research and written work in gender and women's studies. This research should be directed toward work in WST 397.

Department: Women's Studies
Course: WST 393H
Title: Independent Research
Restrictions: Open only to senior majors or by permission of instructor
Description: Honors - see WST 397 Independent research with substantial supervised research and written work in gender and women's studies. This research should be directed toward work in WST 397.

Department: Women's Studies
Course: WST 394
Title: Women's Studies Internship
Instructor: see description
Restrictions: Permission of instructor required
Description: WST 394 It is the Student's responsibility to arrange the internship with the organization and to find a professor as an advisor for the internship. Organizations/Companies currently offering internships (Descriptions available in Lattimore 538) Afterimage, Alternatives for Battered Women, Center for Dispute Settlement, City Council of Rochester, Division of Human Rights, New York, Gay Alliance of Genesee Valley, Monroe County District Attorney's Office, Planned Parenthood, St. Joseph's Villa, Sojourner House, Susan B. Anthony House, TV Dinner/Metro Justice, Urban League of Rochester, Visual Studies Workshop (Media Center) (1-2 positions), Wheatley Branch Library, YWCA.

Department: Women's Studies
Course: WST 394H
Title: Internship - Honors
Restrictions: Open only to senior majors or by permission of instructor
Description: Honors - see WST 397 Independent internship with substantial supervised research and written work in gender and women's studies. This research should be directed toward work in WST 397

THE COLLEGE: SCHOOL OF ENGINEERING AND APPLIED SCIENCES

Fall of 2007

COURSE REF. NO.	DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
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BIOMEDICAL ENGINEERING

19370	4BME	101	INTRO TO BIOMEDICAL ENGR	04.0	MWF	1300	1350	DALECKI D		
STUDENTS MUST REGISTER FOR A RECITATION WHEN REGISTERING FOR THE MAIN SECTION.										
19388	4BME	101	INTRO TO BIOMEDICAL ENGR-REC	REC	T	1525	1640			
19397	4BME	101	INTRO TO BIOMEDICAL ENGR-REC	REC	T	1400	1515			
19401	4BME	101	INTRO TO BIOMEDICAL ENGR-REC	REC	W	1400	1515			
19416	4BME	101	INTRO TO BIOMEDICAL ENGR-REC	REC	W	1100	1215			
19427	4BME	101	INTRO TO BIOMEDICAL ENGR-REC	REC	T	0940	1055			
92620	4BME	101	INTRO TO BIOMEDICAL ENGR-REC	REC	W	1526	1640			
19438	4BME	201	FUNDAMENTALS OF BIOMECHANICS	04.0	MWF	1100	1150	MCGRATH J		
19440	4BME	201	FUNDAMNTLS OF BIOMECHNS-REC	REC	F	1400	1515			
19452	4BME	201L	BIOMECHANICS LAB LECTURE	01.0	TBA			MCGRATH J		
STUDENTS MUST REGISTER FOR A LAB WHEN REGISTERING FOR THE MAIN SECTION.										
19469	4BME	201L	BIOMECHANICS LAB	LAB	TR	1230	1345	MCGRATH J		
19474	4BME	201L	BIOMECHANICS LAB	LAB	TR	1650	1805	MCGRATH J		
92636	4BME	201L	BIOMECHANICS LAB	LAB	TR	1100	1150	MCGRATH J		
92647	4BME	201L	BIOMECHANICS LAB	LAB	MW	1650	1805	MCGRATH J		
19483	4BME	221	BIOMEDICAL COMPUTATION	04.0	MWF	0900	0950	KING M	3	
19495	4BME	221	BIOMEDICAL COMPUTATION-LAB	LAB	R	1525	1640			
19502	4BME	221	BIOMEDICAL COMPUTATION-LAB	LAB	R	1400	1515			
92663	4BME	221	BIOMEDICAL COMPUTATION-LAB	LAB	M	1400	1515			
19517	4BME	260	QUANTITATIVE PHYSIOLOGY LAB	LAB	F	1300	1600			
19526	4BME	260	QUANTITATIVE PHYSIOLOGY	04.0	TR	1525	1640	SEIDMAN S		
19534	4BME	283	BIOSOLID MECHANICS	04.0	TR	1105	1220	LERNER A		
CROSS-LISTED: 61109 4ME 483 19789 4BME 483										
19543	4BME	283	BIOSOLID MECHANICS - LAB	LAB	F	1300	1515			
19551	4BME	295	BME DESIGN SEMINAR	02.0	W	1400	1515			
19565	4BME	390	SUPERVISED TEACHING	00.0	TBA					GJ
19580	4BME	391	INDEPENDENT READINGS	00.0	TBA					GJ
19736	4BME	394	INTERNSHIP	00.0	TBA					GJ
19754	4BME	395	HONORS SEMINAR	00.0	TBA					GJ
19772	4BME	453	ADV BIOMEDICAL ULTRASOUND	04.0	TR	1650	1805	MC ALEAVEY S		
19789	4BME	483	BIOSOLID MECHANICS	04.0	TR	1105	1220	LERNER A		
CROSS-LISTED: 19534 4BME 283 61109 4ME 483										
19809	4BME	491	MASTER'S READING IN BME	00.0	TBA					GJ
19823	4BME	493	MASTER'S ESSAY	00.0	TBA					
19837	4BME	495	MASTER'S RESEARCH IN BME	00.0	TBA					
19973	4BME	502	ANALYTIC FOUNDATIONS IN BME	04.0	MWF	0900	0950	WAUGH R		
19984	4BME	503	INTRODUCTION TO FACULTY	00.0	TBA			WAUGH R		
19996	4BME	511	CELL & MOLECULAR FOUNDATIONS	04.0	MWF	1100	1150	LUEBKE A		
CROSS-LISTED: 11982 7ANA 511										
20004	4BME	591	PHD READINGS IN BME	00.0	TBA					GJ
20049	4BME	592	SPEICAL TOPICS	02.0	TBA					
20055	4BME	593	LABORATORY ROTATIONS IN BME	02.0	TBA					
20093	4BME	595	PHD RESEARCH	00.0	TBA					
20400	4BME	595A	PHD RESEARCH IN ABSENTIA	00.0	TBA					GJ
20411	4BME	895	CONT OF MASTER'S ENROLLMENT	00.0	TBA					
20425	4BME	897	MASTER'S DISSERTATION	00.0	TBA					
20444	4BME	899	MASTER'S DISSERTATION	00.0	TBA					
20539	4BME	985	LEAVE OF ABSENCE	00.0	TBA					
20542	4BME	995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA					
20550	4BME	997	DOCTORAL DISSERTATION	00.0	TBA					
20786	4BME	999	DOCTORAL DISSERTATION	00.0	TBA					

CHEMICAL ENGINEERING

27714	4CHE	113	CHEMICAL PROCESS ANALYSIS	04.0	MW	1525	1640	WU J		
27723	4CHE	113	CHEMICAL PROCESS ANAL-REC	REC	F	1400	1515			
27737	4CHE	225	CHE THERMODYNAMICS	04.0	TR	1230	1345	YATES M		
27746	4CHE	225	CHE THERMODYNAMICS - REC	REC	M	1400	1515			
92414	4CHE	242	INTRO TO MOLECULAR SIMULATN	02.0	TR	1105	1220	CHIMOWITZ E		
CROSS-LISTED: 92423 4CHE 442 COURSE OFFERED 2ND HALF OF THE SEMESTER										
27758	4CHE	244	HEAT & MASS TRANSFER	04.0	TR	1400	1515	ANTHAMATTEN M		
27760	4CHE	244	HEAT & MASS TRANSFER - REC	REC	F	1200	1250			

THE COLLEGE: SCHOOL OF ENGINEERING AND APPLIED SCIENCE Continued

COURSE REF. NO.	DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
27771	4CHE	255		CHE PROCESSES LAB - LECTURE	03.0	T	1400 1515	EBENHACK B		
27785	4CHE	255		CHE PROCESSES LAB	LAB	R	1400 1700	OLSEN T		
27792	4CHE	255		CHE PROCESSES LAB	LAB	M	1400 1700			
27805	4CHE	258		ELECTROCHEM&ENGG & FUEL CELL CROSS-LISTED: 28118 4CHE 458 62923 4MSC 458 COURSE OFFERED 2ND HALF OF THE SEMESTER	02.0	TR	1815 1930	JORNE J		
27818	4CHE	259		TRANSPORT PHENOMAN BIO SYS	04.0	TR	1650 1805	FOSTER D		
27820	4CHE	273		PROCESS DESIGN	04.0	MWF	1000 1050	CHIMOWITZ E		
27836	4CHE	273		PROCESS DESIGN - REC	REC	W	1400 1515			
27847	4CHE	278		ENERGY ALTERNATIVE LAB	04.0	TR	1105 1220	EBENHACK B		
27854	4CHE	280		CHEM OF ADVANCED MATERIALS CROSS-LISTED: 28120 4CHE 480 62909 4MSC 431	04.0	MW	1525 1640	YANG H		
27863	4CHE	282		PROC MICROELEC DEVICE CROSS-LISTED: 28136 4CHE 482 62946 4MSC 482 COURSE OFFERED 1ST HALF OF THE SEMESTER	02.0	TR	1815 1930	JORNE J		
92437	4CHE	286		POLYMER SCIENCE & TECH CROSS-LISTED: 28147 4CHE 486 62914 4MSC 433	04.0	TR	1400 1515	CHEN S		
27872	4CHE	391		INDEPENDENT READING	00.0	TBA				GJ
27953	4CHE	393		SPECIAL ESSAY	00.0	TBA				GJ
27988	4CHE	395		RESEARCH	00.0	TBA				GJ
28031	4CHE	396		SPECIAL PROJECTS	00.0	TBA				GJ
28105	4CHE	441		ADVANCED FLUID DYNAMICS	04.0	TR	1525 1640	WEINSTEIN S		
92458	4CHE	441		ADVANCED FLUID DYNAMICS- REC	REC	F	1300 1400			
92423	4CHE	442		INTRO TO MOLECULAR SIMULATN CROSS-LISTED: 92414 4CHE 242 COURSE OFFERED 2ND HALF OF THE SEMESTER	02.0	TR	1105 1220	CHIMOWITZ E		
28118	4CHE	458		ELECTROCHEM&ENGG & FUEL CELL CROSS-LISTED: 27805 4CHE 258 62923 4MSC 458 COURSE OFFERED 2ND HALF OF THE SEMESTER	02.0	TR	1815 1930	JORNE J		
28120	4CHE	480		CHEM OF ADVANCED MATERIALS CROSS-LISTED: 27854 4CHE 280 62909 4MSC 431	04.0	MW	1525 1640	YANG H		
28136	4CHE	482		PROC MICROELEC DEVICE CROSS-LISTED: 27863 4CHE 282 62946 4MSC 482 COURSE OFFERED 1ST HALF OF THE SEMESTER	02.0	TR	1815 1930	JORNE J		
28147	4CHE	486		POLYMER SCIENCE & TECH CROSS-LISTED: 62914 4MSC 433 92437 4CHE 286	04.0	TR	1400 1515	CHEN S		
28154	4CHE	491		MASTER'S READING COURSE CHE	00.0	TBA				GJ
28200	4CHE	493		MASTER'S ESSAY	00.0	TBA				GJ
28233	4CHE	495		MASTER'S RESEARCH IN CHEM EN	00.0	TBA				GJ
28334	4CHE	496		RESEARCH SEMINAR	00.0	W	1400 1500			
28343	4CHE	497		TEACHING CHEM ENGR	00.0	TBA				
28412	4CHE	507		ADVANCED GENETICS CROSS-LISTED: 51545 7GEN 507	04.0	TR	0940 1055	LI W		
28429	4CHE	591		READING COURSE	00.0	TBA				GJ
28519	4CHE	595		PHD RESEARCH IN CHEM ENGR	00.0	TBA				GJ
28674	4CHE	595A		PHD RESEARCH IN ABSSENTIA	00.0	TBA				GJ
28695	4CHE	895		CONT OF MASTER'S ENROLLMENT	00.0	TBA				
28704	4CHE	897		MASTERS DISSERTATION	00.0	TBA				
28732	4CHE	899		MASTER'S DISSERTATION	00.0	TBA				
28842	4CHE	985		LEAVE OF ABSENCE	00.0	TBA				
28850	4CHE	995		CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
28868	4CHE	997		DOCTORAL DISSERTATION	00.0	TBA				
28992	4CHE	997A		DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ
29015	4CHE	999		DOCTORAL DISSERTATION	00.0	TBA				
29165	4CHE	999A		DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ

ELECTRICAL & COMPUTER ENGINEERING

37907	4ECE	111		INTRO TO SIGNALS & CIRCUITS	04.0	MWF	1000 1050	JONEST		
37915	4ECE	111		INTR TO SIGNALS&CIRCUITS-LAB	LAB	T	1400 1640			
37921	4ECE	111		INTR TO SIGNALS&CIRCUITS-LAB	LAB	F	1400 1640			
37939	4ECE	111		INTR TO SIGNALS&CIRCUITS-REC	REC	R	1815 1930			
37942	4ECE	111		INTR TO SIGNALS&CIRCUITS-LAB	LAB	W	1400 1640			
37950	4ECE	112		LOGIC DESIGN	04.0	MWF	0900 0950	DEREFINKOV		
37968	4ECE	112		LOGIC DESIGN - REC	REC	T	1815 1930			
37973	4ECE	112		LOGIC DESIGN - LAB	LAB	W	1700 1900			
37984	4ECE	112		LOGIC DESIGN - REC	REC	T	1230 1345			
37996	4ECE	112		LOGIC DESIGN - LAB	LAB	F	1400 1600			
38004	4ECE	201		ADV COMPUTER ARCHITECTURE CROSS-LISTED: 38383 4ECE 401	04.0	TR	1650 1805	HUANG M		

THE COLLEGE: SCHOOL OF ENGINEERING AND APPLIED SCIENCES Continued

COURSE REF. NO.	DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
38010	4ECE	221		ELECTRONIC DEVICES&CIRCUITS	04.0	MWF	1000 1050	IGNJATOVIC Z		
38028	4ECE	221		ELECTRNIC DEVICES&CIRCTS-LAB	LAB	W	1400 1640			
38032	4ECE	221		ELECTRNIC DEVICES&CIRCTS-REC	REC	T	1650 1805			
38049	4ECE	221		ELECTRNIC DEVICES&CIRCTS-LAB	LAB	M	1400 1640			
38055	4ECE	221		ELECTRNIC DEVICES&CIRCTS-REC	REC	M	1940 2055			
38061	4ECE	223		SEMICONDUCTOR DEVICES CROSS-LISTED: 38395 4ECE 423 62896 4MSC 426	04.0	TR	1400 1515	SOBOLEWSKI R		
38076	4ECE	230		ELECTROMAGNETIC WAVES	04.0	TR	0940 1055	SOBOLEWSKI R		
38087	4ECE	230		ELECTROMAGNETIC WAVES - LAB	LAB	M	1650 1930			
38093	4ECE	230		ELECTROMAGNETIC WAVES - LAB	LAB	W	1650 1930			
38109	4ECE	230		ELECTROMAGNETIC WAVES - REC	REC	T	1525 1640			
38114	4ECE	231		MICROWAVES & WIRELESS CROSS-LISTED: 38400 4ECE 431	04.0	TR	1525 1640	FELDMAN M		
38123	4ECE	235		INTRO TO OPTOELECTRONICS CROSS-LISTED: 38411 4ECE 435 62937 4MSC 473	04.0	TR	1230 1345	HSIANG T		
38137	4ECE	241		SIGNALS WHEN REGISTERING FOR THE MAIN SECTION, YOU MUST REGISTER FOR THE RECITATION AND LAB.	04.0	TR	1230 1345	TITLEBAUM E		
38146	4ECE	241		SIGNALS - LAB	LAB	TBA				
38158	4ECE	241		SIGNALS - REC	REC	W	1815 1930			
38160	4ECE	244		DIGITAL COMMUNICATIONS CROSS-LISTED: 38444 4ECE 444	04.0	TR	1650 1805	SHARMA G		
38171	4ECE	246		DIGITAL SIGNAL PROCESSING CROSS-LISTED: 38457 4ECE 446	04.0	TR	1105 1220	HEINZELMAN W		
38185	4ECE	261		DIG ITEG CIRCUIT DESIGN CROSS-LISTED: 38482 4ECE 461	04.0	MWF	1000 1050			
38192	4ECE	261		DIG ITEG CIRCUIT DESIGN-LAB	LAB	F	1400 1640			
38203	4ECE	266		RF INTEGRATED CIRCUITS CROSS-LISTED: 38498 4ECE 466	04.0	MW	1525 1640	WU H		
38212	4ECE	391		INDEPENDENT STUDY	00.0	TBA				GJ
38275	4ECE	391W		INDEPENDENT STUDY	00.0	TBA				GJ
38294	4ECE	392		SPECIAL TOPICS	02.0	TBA				GJ
38301	4ECE	393		SPECIAL ESSAY	00.0	TBA				GJ
38327	4ECE	395		SPECIAL PROJECTS	00.0	TBA				GJ
38340	4ECE	396		SPECIAL PROJECTS	04.0	TBA				GJ
92460	4ECE	397A		SUPERVISED SCI WRITING II CROSS-LISTED: 92471 4ECE 497B 92485 1PHY 397A 92492 1PHY 497B	02.0	TBA		BOCKO M		
38374	4ECE	398		DESIGN SEMINAR	02.0	W	1400 1515			
38383	4ECE	401		ADV COMPUTER ARCHITECTURE CROSS-LISTED: 38004 4ECE 201	04.0	TR	1650 1805	HUANG M		
38395	4ECE	423		SEMICONDUCTOR DEVICES CROSS-LISTED: 38061 4ECE 223 62896 4MSC 426	04.0	TR	1400 1515	SOBOLEWSKI R		
93809	4ECE	425		SUPERCONDUCTIVITY&JOSEPH EFF	04.0	TR	0940 1055	HSIANG T		
38400	4ECE	431		MICROWAVES & WIRELESS CROSS-LISTED: 38114 4ECE 231	04.0	TR	1525 1640	FELDMAN M		
38411	4ECE	435		INTRO TO OPTOELECTRONICS CROSS-LISTED: 38123 4ECE 235 62937 4MSC 473	04.0	TR	1230 1345	HSIANG T		
38425	4ECE	440		INTRO TO RANDOM PROCESSES	04.0	MW	1650 1805	VOSOUGHIA		
38433	4ECE	441		DECECTION & ESTIMATION THRY	04.0	MWF	1230 1345	TITLEBAUM E		
38444	4ECE	444		DIGITAL COMMUNICATIONS CROSS-LISTED: 38160 4ECE 244	04.0	TR	1650 1805	SHARMA G		
38457	4ECE	446		DIGITAL SIGNAL PROCESSING CROSS-LISTED: 38171 4ECE 246	04.0	TR	1105 1220	HEINZELMAN W		
38466	4ECE	447		DIGITAL IMAGE PROCCESS	04.0	TR	1230 1345	ASTHEIMER J		
38479	4ECE	461		DIG ITEG CIRCUIT DESIGN-LAB	LAB	F	1400 1640			
38482	4ECE	461		DIG ITEG CIRCUIT DESIGN CROSS-LISTED: 38185 4ECE 261	04.0	MWF	1000 1050			
38498	4ECE	466		RF INTEGRATED CIRCUITS CROSS-LISTED: 38203 4ECE 266	04.0	MW	1525 1640	WU H		
38507	4ECE	491		MASTER'S READING COURSE ECE	00.0	TBA				GJ
38584	4ECE	492		QUANTUM OPTICS LABORATORY CROSS-LISTED: 70057 4OPT 263K 70416 4OPT 492 76948 1PHY 434	04.0	TBA		LUKISHOVA S		A
38602	4ECE	493		MASTER'S ESSAY	00.0	TBA				GJ
38617	4ECE	495		MASTER'S RESEARCH IN ECE	00.0	TBA				GJ
38806	4ECE	496		SPECIAL PROJECTS IN ECE	00.0	TBA				GJ
92471	4ECE	497B		SUPERVISED SCI WRITING II CROSS-LISTED: 92460 4ECE 397A 92485 1PHY 397A 92492 1PHY 497B	02.0	TBA		BOCKO M		
38819	4ECE	589		PRE FORACAD CAREERS IN ENGI	02.0	M	1230 1430	FAUCHET P		
38822	4ECE	591		PHD READING COURSE IN ECE	00.0	TBA				GJ
38853	4ECE	594		PHD RESEARCH INTERNSHIP	00.0	TBA				GJ
38918	4ECE	595		PHD RESEARCH IN ECE	00.0	TBA				GJ

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COURSE REF. NO.

DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
39138	4	ECE 595A	PHD RESEARCH IN ABSENTIA	00.0	TBA			GJ	
39140	4	ECE 597	ECE COLLOQUIUM	00.0	W	1100 1250			
39152	4	ECE 895	CONT OF MASTER'S ENROLLMENT	00.0	TBA				
39169	4	ECE 899	MASTER'S DISSERTATION	00.0	TBA				
39273	4	ECE 899A	MASTER'S DISSERTATION	00.0	TBA			GJ	
39296	4	ECE 985	LEAVE OF ABSENCE	00.0	TBA				
39304	4	ECE 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
39310	4	ECE 997	DOCTORAL DISSERTATION	00.0	TBA				
39485	4	ECE 997A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA			GJ	
39513	4	ECE 999	DOCTORAL DISSERTATION	00.0	TBA				
39717	4	ECE 999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA			GJ	

MATERIALS SCIENCE

62842	4	MSC 202	INTRO TO MATERIALS SCIENCE CROSS-LISTED: 60852 4ME 280 STUDENTS MUST REGISTER FOR A RECITATION WHEN REGISTERING FOR THE MAIN SECTION.	04.0	TR	0940 1055	LAMBROPOULOS		
62868	4	MSC 407	SOLIDS & MATERIALS LAB CROSS-LISTED: 60801 4ME 242 61093 4ME 462 STUDENTS MUST REGISTER FOR A LAB WHEN REGISTERING FOR THE MAIN SECTION.	04.0	TR	0940 1055	LI J		
62896	4	MSC 426	SEMICONDUCTOR DEVICES CROSS-LISTED: 38061 4ECE 223 38395 4ECE 423	04.0	TR	1400 1515	SOBOLEWSKI R		
62909	4	MSC 431	CHEM OF ADVANCED MATERIALS CROSS-LISTED: 28120 4CHE 480 27854 4CHE 280	04.0	MW	1525 1640	YANG H		
62914	4	MSC 433	POLYMER SCIENCE & TECH CROSS-LISTED: 28147 4CHE 486 92437 4CHE 286	04.0	TR	1400 1515	CHEN S		
62923	4	MSC 458	ELECTROCHEM&ENGG & FUEL CELL CROSS-LISTED: 27805 4CHE 258 28118 4CHE 458 COURSE OFFERED 2ND HALF OF THE SEMESTER	04.0	TR	1815 1930	JORNE J		
62937	4	MSC 473	INTRO TO OPTOELECTRONICS CROSS-LISTED: 38123 4ECE 235 38411 4ECE 435	04.0	TR	1230 1345	HSIANG T		
62946	4	MSC 482	PROC MICROELEC DEVICE CROSS-LISTED: 27863 4CHE 282 28136 4CHE 482 COURSE OFFERED 1ST HALF OF THE SEMESTER	04.0	TR	1815 1930	JORNE J		
62958	4	MSC 491	MASTERS READING COURSE	00.0	TBA			GJ	
62971	4	MSC 492	SPECIAL TOPICS	04.0	TBA				
62992	4	MSC 493	MASTERS ESSAY	00.0	TBA				
63134	4	MSC 591	PHD READING COURSE	00.0	TBA			GJ	
63199	4	MSC 595	RES IN MATERIALS SCIENCES	00.0	TBA				
63386	4	MSC 595A	PHD RESEARCH IN ABSENTIA	00.0	TBA			GJ	
63405	4	MSC 895	CONT OF MASTER'S ENROLLMENT	00.0	TBA				
63418	4	MSC 899	MASTER'S DISSERTATION	00.0	TBA				
63436	4	MSC 985	LEAVE OF ABSENCE	00.0	TBA				
63447	4	MSC 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
63454	4	MSC 997	DOCTORAL DISSERTATION	00.0	TBA				
63561	4	MSC 999	DOCTORAL DISSERTATION	00.0	TBA				
63658	4	MSC 999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA			GJ	

MECHANICAL ENGINEERING

60589	4	ME 104Q	INTRO TO MECHANICAL DESIGN	04.0	TR	0940 1055	PERUCCHIO R	P	
60591	4	ME 104Q	INTRO MECHANICAL DESIGN-REC	REC	W	1525 1640			
60607	4	ME 104Q	INTRO MECHANICAL DESIGN-REC	REC	T	1940 2055			
60615	4	ME 105	ROMAN STRCT:ENG IN CLA WRLD CROSS-LISTED: 32046 1CLA 213 56217 1IT 159 60621 4ME 105A 10500 1AH 189	04.0	TBA		PERUCCHIO R	A	
60621	4	ME 105A	ROMAN STRCT:ENG IN CLA WRLD CROSS-LISTED: 32046 1CLA 213 56217 1IT 159 60615 4ME 105 10500 1AH 189	04.0	TBA		PERUCCHIO R	A	
60639	4	ME 110	INTRO TO CAD AND DRAWING	02.0	R	1525 1640	RONALD C		
60642	4	ME 120	ENGINEERING MECHANICS I	04.0	TR	1650 1805	RONALD C		
60650	4	ME 120	ENGINEERING MECHANICS I-REC	REC	W	1815 1930			
60668	4	ME 121	ENGINEERING MECHANICS II STUDENTS MUST REGISTER FOR THE RECITATION WHEN REGISTERING FOR THE MAIN SECTION.	04.0	MWF	1100 1150	FUNKENBUSCH P		
60673	4	ME 121	ENGINEERING MECHANICS II-REC	REC	M	1400 1515			
60684	4	ME 201	APPLIED BOUNDARY VALUE PROB CROSS-LISTED: 64636 1MTH 281	04.0	MWF	1100 1150	CLARK A		

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COURSE REF. NO.

DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM	DEGREE TO	INSTRUCTOR	RES	AUDIT
60696	4ME	201	BOUNDARY VALUE PROBLEMS-REC CROSS-LISTED: 64654 1MTH 281	REC	R	1525	1640	CLARK A		
60703	4ME	201	APPBOUNDARY VALUE PROB-REC CROSS-LISTED: 64647 1MTH 281	REC	R	1400	1515	CLARK A		
60712	4ME	204	MECHANICAL DESIGN	04.0	MW	1650	1805	MUIR C		
60729	4ME	204	MECHANICAL DESIGN-REC	REC	M	1940	2055			
60730	4ME	204	MECHANICAL DESIGN-REC	REC	W	1940	2055			
60748	4ME	211	COMPUTATIONAL METHODS	04.0	MWF	1000	1050	GRACEWSKI S		
60756	4ME	211	COMPUTATIONAL METHODS-REC	REC	R	1400	1515			
60767	4ME	225	INTRO FLUID DYNAMICS STUDENTS MUST REGISTER FOR THE RECITATION WHEN REGISTERING FOR THE MAIN SECTION.	04.0	MWF	0900	0950	THOMAS J		
60775	4ME	225	INTRO FLUID DYNAMICS- REC	REC	T	1400	1515			
60801	4ME	242	SOLIDS & MATERIALS LAB CROSS-LISTED: 61093 4ME 462 62868 4MSC 407 STUDENTS MUST REGISTER FOR A LAB WHEN REGISTERING FOR THE MAIN SECTION.	04.0	TR	0940	1055	LIJ		
91026	4ME	242	SOLIDS & MATERIALS LAB	LAB	M	1300	1640			
91034	4ME	242	SOLIDS & MATERIALS LAB	LAB	W	1300	1640			
60816	4ME	251	HEAT POWER APPLICATION	04.0	TR	1105	1220	BETTI R		
60827	4ME	251	HEAT POWER APPLICATION-REC	REC	F	1400	1515			
60852	4ME	280	INTRO TO MATERIALS SCIENCE CROSS-LISTED: 62842 4MSC 202 STUDENTS MUST REGISTER FOR A RECITATION WHEN REGISTERING FOR THE MAIN SECTION.	04.0	TR	0940	1055	LAMBROPOULOS		
60869	4ME	280	INTRO TO MATERIALS SCI- REC	REC	W	1400	1515			
91043	4ME	280	INTRO TO MATERIALS SCI- REC	REC	M	1400	1515			
60874	4ME	390	SUPERVISED TEACHING	00.0	TBA				GJ	
60883	4ME	391	INDEPENDENT READING	00.0	TBA				GJ	
60924	4ME	393	SPECIAL ESSAY OR THESIS	00.0	TBA				GJ	
60945	4ME	394	INTERNSHIP	00.0	TBA				GJ	
60986	4ME	395	INDEPENDENT RESEARCH	00.0	TBA				GJ	
61032	4ME	396	SPECIAL PROJECTS	01.0	TBA				GJ	
94013	4ME	402	PARTIAL DIFF EQUATIONS	04.0	TR	1650	1805	GONCHAROV V		
61055	4ME	434	INTRO TO PLASMA PHYSICS CROSS-LISTED: 76975 1PHY 454	04.0	MW	1525	1640	REN C		
94024	4ME	440	MECHANICS OF STRUCTURES	04.0	TR	1525	1640	LAMBROPOULOS		
92545	4ME	444	CONTINUUM MECHANICS	04.0	MW	1650	1805	GANS R		
92559	4ME	460	THERMODYNAMICS OF SOLIDS	04.0	TR	1650	1805			
61093	4ME	462	SOLIDS & MATERIALS LAB CROSS-LISTED: 60801 4ME 242 62868 4MSC 407 STUDENTS MUST REGISTER FOR A LAB WHEN REGISTERING FOR THE MAIN SECTION.	04.0	TR	0940	1055	LIJ		
61109	4ME	483	BIOSOLID MECHANICS CROSS-LISTED: 19534 4BME 283 19789 4BME 483	04.0	TR	1105	1220	LERNER A		
61114	4ME	491	MASTER'S READING COURSE ME	00.0	TBA				GJ	
61212	4ME	492	CORROSION	04.0	MW	1400	1515	QUESNEL D		
61248	4ME	493	MASTER'S ESSAY	00.0	TBA					
61256	4ME	495	MASTER'S RESEARCH IN ME	00.0	TBA					
61411	4ME	591	PHD READING COURSE IN ME	00.0	TBA				GJ	
61482	4ME	594	RESEARCH INTERNSHIP	00.0	TBA				GJ	
61515	4ME	595	PHD RESEARCH IN ME	00.0	TBA					
61699	4ME	595A	PHD RESEARCH IN ABSENTIA	00.0	TBA				GJ	
61708	4ME	895	CONT OF MASTER'S ENROLLMENT	00.0	TBA					
61713	4ME	899	MASTER'S DISSERTATION	00.0	TBA					
61819	4ME	985	LEAVE OF ABSENCE	00.0	TBA					
61822	4ME	995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA					
61835	4ME	997	DOCTORAL DISSERTATION	00.0	TBA					
62013	4ME	997A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ	
62031	4ME	999	DOCTORAL DISSERTATION	00.0	TBA					
62233	4ME	999A	DOCT DISSERTATN IN ABSENTIA	00.0	TBA				GJ	

OPTICS

69993	4OPT	101	OPTICS IN THE INFORMATN AGE	04.0	TR	1400	1515	KNOX W		
70000	4OPT	211	COMPUTATIONAL METHODS IN OPT CROSS-LISTED: 76361 1PHY 263	04.0	TR	0940	1055	BROWN T		
70011	4OPT	224	LASER SYSTEMS CROSS-LISTED: 76376 1PHY 264	04.0	TR	1105	1220	GUO C		
70025	4OPT	226	OPTOELECTRONICS I: DEVICES	04.0	TR	0940	1055	BOYD R		
93720	4OPT	226	OPTOELECTRONICS I: DEVICE-REC	REC	F	1400	1515			
70033	4OPT	242	ABERRATIONS, INTRFER METRS	04.0	TR	1230	1345	ZAVISLAN J		
70044	4OPT	256	OPTICS LABORATORY	04.0	MW	1400	1700	BERGER A		
70057	4OPT	263K	QUANTUM OPTICS LABORATORY CROSS-LISTED: 38584 4ECE 492 70416 4OPT 492 76948 1PHY 434	04.0	TBA			LUKISHOVA S	A	

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COURSE REF. NO.	DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
70079	4OPT	391		INDEPENDENT READING	00.0	TBA			GJ	
70128	4OPT	393		SPECIAL ESSAY	00.0	TBA			GJ	
70155	4OPT	394		INTERNSHIP	00.0	TBA			GJ	
70187	4OPT	395		UNDERGRADUATE REARCH PROJECT	00.0	TBA			GJ	
70245	4OPT	396		HONORS PROJECTS	00.0	TBA			GJ	
70341	4OPT	411		MATH METH OF OPTICS & PHY CROSS-LISTED: 76866 1PHY 401	04.0	MW	0930 1045	ALONSO M		
70353	4OPT	425		RADIATION & DETECTORS	04.0	TR	1105 1220	WICKS G		
70364	4OPT	428		OPTICAL COMMUNICATIONS SYSTM CROSS-LISTED: 76956 1PHY 438	04.0	TR	1525 1640	AGRAWAL G		
70370	4OPT	441		GEOMETRICAL OPTICS	04.0	MW	1330 1445	MOORE D		
70388	4OPT	461		PHYSICAL OPTICS	04.0	MW	1100 1215	FIENUP J		
70397	4OPT	463		NANO-OPTICS CROSS-LISTED: 76930 1PHY 431	04.0	TR	1230 1345	NOVOTNY L		
70416	4OPT	492		QUANTUM OPTICS LABORATORY CROSS-LISTED: 38584 4ECE 492 70057 4OPT 263K 76948 1PHY 434	04.0	TBA		LUKISHOVA S	A	
70427	4OPT	493		MASTER'S ESSAY	00.0	TBA				
70440	4OPT	495		MASTER'S RESEARCH IN OPTICS	00.0	TBA				
70551	4OPT	551		INTRO TO QUANTUM OPTICS CROSS-LISTED: 76414 1PHY 331A 77154 1PHY 531 SEPTEMBER 5 - OCTOBER 24	04.0	MWF	0815 0950	STROUD C		
70578	4OPT	591		PHD READING COURSE	00.0	TBA			GJ	
70791	4OPT	595		PHD RESEARCH IN OPTICS	00.0	TBA			GJ	
71069	4OPT	595A		PHD RESEARCH IN ABSSENTIA	00.0	TBA			GJ	
71083	4OPT	596		OPTICS COLLOQUIUM	00.0	F	1000 1200			
71095	4OPT	890		M.S. CO-OP PROGRAM IN OPT	00.0	TBA				
71100	4OPT	895		CONT OF MASTER'S ENROLLMENT	00.0	TBA				
71111	4OPT	899		MASTER'S DISSERTATION	00.0	TBA				
71218	4OPT	985		LEAVE OF ABSENCE	00.0	TBA				
71220	4OPT	995		CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
71236	4OPT	997		DOCTORAL DISSERTATION	00.0	TBA				
71419	4OPT	997A		DOCT DISSERTATN IN ABSENTIA	00.0	TBA			GJ	
71435	4OPT	999		DOCTORAL DISSERTATION	00.0	TBA				
71677	4OPT	999A		DOCT DISSERTATN IN ABSENTIA	00.0	TBA			GJ	

ENGINEERING AND APPLIED SCIENCE

37860	4EAS	392		INDUSTRY PRACTICUM	00.0	TBA			GJ	
37885	4EAS	398		INTERNSHIP	00.0	TBA				



School of Engineering and Applied Sciences

Biomedical Engineering

Department: Biomedical Engineering
Course: BME 101
Title: Intro to Biomedical Engineering
Instructor: Dalecki, D **Class Size:** 50
Prerequisites: permission of instructor if not freshman
Restrictions: Open only to freshmen & sophomores
Exams: 2 exams and a final project
Coursework: Includes weekly problem assignments
Description: An introductory overview of the multi-disciplinary field of biomedical engineering. Application of elementary engineering principles to the analysis of physiological systems. Includes basic introduction to the use of computers as tools for solving engineering problems. Course topics include biomechanics, cell and tissue engineering, biosignals and bioinstrumentation, medical imaging, medical optics and bioethics. Includes some guest lectures by biomedical engineering faculty. 4 Credits

Department: Biomedical Engineering
Course: BME 201
Title: Fundamentals of Biomechanics
Instructor: McGrath, J **Class Size:** 60
Prerequisites: MTH 161 and 162, BME 101, PHY 121
Exams: 3 one hour in class exams, 1 comprehensive exam
Coursework: Homework and examples will be taken from the fields of ergonomics, human movement and injury, and prosthetics and exercise equipment design. In an additional semester-long homework series students will perform a computational simulation.

Description: This course teaches the elementary analysis of mechanical equilibrium and motion with extended applications to biology. Lectures present a traditional analysis of idealized particles and rigid bodies. Syllabus topics include force and moment balances, the analysis of frames, trusses and pulleys, the analysis of systems with friction, mass centers, area moments, and the linear and rotational kinetics and kinematics of rigid bodies. Weekly exercises apply these principles in non-biological problems in two and three dimensions. Weekly problems extend the application to biological problems ranging from human motion to the mechanics of cells. In an end-of-term project students use and extend a computational simulation of human motion written in the MATLAB programming language. 4 credits

Department: Biomedical Engineering
Course: BME 201L
Title: MATLAB for Biomechanics
Instructor: McGrath J **Class Size:** 40
Prerequisites: Co-requisite for BME 201
Coursework: This laboratory supports the curricular goals of BME201 as well as other courses in the BME core curriculum by providing students with the foundation in computer programming required to complete the BME201 student project.

Description: This half-semester laboratory provides students with the foundation in computer programming required to complete the BME201 student project. The lab will introduce the MATLAB interpreted language through lectures, computer laboratory procedures and assignments. Particular emphasis will be placed on the use of MATLAB for both the computation and the effective presentation of scientific data and results. Topics include variables, functions, vector and matrix syntax, flow control, logical tests, graphics, and data file access.

Department: Biomedical Engineering
Course: BME 221
Title: Biomedical Computation
Instructor: King, M **Class Size:** 45
Prerequisites: BME 201 and 201 L or permission of instructor
Exams: one midterm, a final exam, and a final project
Coursework: weekly programming assignments
Description: The application of numerical and statistical methods to model biological systems and interpret biological data, using the MATLAB programming language.

Department: Biomedical Engineering
Course: BME 260
Title: Quantitative Physiology with lab
Instructor: Seidman, S, Davis, K **Class Size:** 30
Prerequisites: ECE 113 or ECE 210, or permission of instructor
Description: A quantitative, model-oriented approach to physiological systems is presented. Topics include: muscle and nerve tissue, the cardiovascular system, the respiratory system, the renal system, and a variety of neural systems. 4 credits

Department: Biomedical Engineering
Course: BME 283
Title: Biosolid Mechanics
Cross-listed: ME483, BPH483
Instructor: Lerner, A **Class Size:** 40
Prerequisites: ME 226, BME 201 & 201L or ME 120
Exams: Midterm, Final project
Coursework: 6-7 homework assignments
Description: Application of engineering mechanics to biological tissues including bone, soft tissue, cell membranes, and muscle. Realistic modeling of biological structures, including musculoskeletal joints and tissues. Investigations of the responses of biological tissues to mechanical factors. Experimental methods and material models.

Department: Biomedical Engineering
Course: BME 295
Title: BME Design Seminar
Instructor: Lerner, A **Class Size:** 50
Prerequisites: math, science, and engineering courses appropriate for fourth-year students in BME
Restrictions: Open only to senior majors or by permission of instructor
Coursework: written memos, teamwork, design proposal, oral presentations
Description: Introduction to design of medical devices and instruments. Students are introduced to methods and strategies for creative design while considering ethical, economic, regulatory and safety issues. In addition to benchmarking existing devices, students prepare for a design project to be completed in the following semester. 2 credits

Department: Biomedical Engineering
Course: BME 453
Title: Advanced Biomedical Ultrasound
Instructor: McAleavey, S **Class Size:** 30
Prerequisites: BME 451 or permission of instructor
Description: This course investigates the imaging techniques applied in state-of-the-art ultrasound imaging and their theoretical bases. Topics include linear acoustic systems, spatial impulse responses, the k-space formulation, methods of acoustic field calculation, dynamic focusing and apodization, scattering, the statistics of acoustic speckle, speckle correlation, compounding techniques, phase aberration correction, velocity estimation, and flow imaging. A strong emphasis is placed on readings of original sources and student assignments and projects based on realistic acoustic simulations.

Department: Biomedical Engineering
Course: BME 483
Title: Biosolid Mechanics
Cross-listed: ME 483, BPH 483
Instructor: Lerner, A **Class Size:** 30
Prerequisites: ME 226, BME 201 or ME 120
Exams: Midterm, Final Project
Coursework: 6-7 homework assignments. Course assignments and projects are advanced in comparison to the undergraduate level course.
Description: Please see BME 283 for the course description.

Chemical Engineering

Department: Chemical Engineering
Course: CHE 113
Title: Chemical Process Analysis
Instructor: Wu, JHD
Prerequisites: Freshman Chemistry, MTH 161 - MTH 162, or permission of instructor
Restrictions: Open only to freshmen & sophomores
Exams: Three quizzes.
Coursework: Assignments: Problem sets, and textbook readings.
Description: Course Content and Method of Instruction: Lectures and discussion. Methodology and problem solving techniques in chemical engineering; the concepts of mass and energy conservation in both reacting and non-reacting chemical systems; the concept of equilibrium in chemical and physical systems and the basic principles of thermodynamics are presented; both steady state and transient behavior are discussed for some special systems. Not open to seniors 4-credits

Department: Chemical Engineering
Course: CHE 225
Title: Chemical Engineering Thermodynamics
Instructor: Yates, M
Prerequisites: Junior standing
Restrictions: Permission of instructor required
Exams: 3 exams
Coursework: Classroom discussions strongly encouraged. Problem sets and analysis-based project assignments are important components of the course.
Description: Lectures on the origin and use of the first and second laws of thermodynamics, followed by a discussion of equilibrium criteria. Thermodynamic descriptions of (real) gases and liquids are developed and applications of thermodynamics to phase and chemical equilibria complete the course. 4-credits

Department: Chemical Engineering
Course: CHE 242
Title: Introduction to Molecular Simulation
Cross-listed: CHE 442
Instructor: Chimowitz, E.
Prerequisites: Statistical Mechanics and have basic programming skills
Coursework: Project as well as regular homework assignments
Description: This course will provide an introduction to the field of molecular simulation based upon the Monte Carlo method used in statistical mechanics. We will study the ideas in the context of computer simulations in Ising and Lattice-gas systems and also discuss the use of random walk methods for simulating diffusion in disordered media, including percolation clusters. 2-Credits (alternate semesters)

Department: Chemical Engineering
Course: CHE 244
Title: Heat and Mass Transfer
Instructor: Anthamatten, M
Prerequisites: CHE 243, fluid mechanics, differential equations
Exams: Typically two or three hourly exams and a final
Coursework: Assignments: Weekly homework sets, a few open-ended problems or a design project of limited scope.
Description: A fundamental course in heat transfer processes and an introduction to mass transfer. Topics include equations of energy conservation, conduction, convection, radiation; equations for chemical species conservation, diffusion, macroscopic balances. Emphasis on problem solving, especially for purposes of design. 4-credits

Department: Chemical Engineering
Course: CHE 255
Title: Laboratory in Chemical Engineering Processes
Instructor: Ebenhack, B, Olsen, T
Prerequisites: CHE 243, CHE 244, CHE 231, CHE 250
Exams: Three oral presentations per group per semester
Coursework: Exploratory experiments and preliminary experimental design, as well as oral and written reports are required. Weekly progress review meetings are also required.
Description: Operation and scale-up of chemical process equipment for chemical reaction and purification. Examination of the factors that affect performance in practice. Exploratory experiments and preliminary experimental design, as well as oral and written reports are required. 3-credits

Department: Chemical Engineering
Course: CHE 258
Title: Electrochemistry and Fuel Cells
Cross-listed: CHE 458
Instructor: Jorne, J.
Restrictions: Permission of instructor required
Description: The course will concentrate on presenting the principles of electrochemistry and electrochemical engineering, and the design considerations for the development of fuel cells capable of satisfying the projected performance of an electric car. The course is expected to prepare you for the challenges of energy conversion and storage and the environment in the 21st century. 2-Credits

Department: Chemical Engineering
Course: CHE 259
Title: Transport Phenomena in Biological Systems
Instructor: Foster, D.
Prerequisites: CHE 243
Exams: In class quizzes and final exam
Coursework: Homework assignments and a technical paper or presentation are required
Description: This course will provide an overview of transport phenomena in biological systems that are critical to the function of all living organisms. The fundamental laws and equations of transport phenomena will be applied to topics including cellular, cardiovascular, respiratory, liver and kidney transport, blood flow and rheology, and circulation in tissues and arteries. 4-Credits (alternate semesters)

Department: Chemical Engineering
Course: CHE 273
Title: Chemical Engineering Process Design
Instructor: Chimowitz, E
Prerequisites: Senior standing in CHE
Exams: 2 exams + design project
Description: The course will cover material related to the conception and design of chemical processes. Topics will include energy systems analysis, the attainability region approach for reactor network synthesis and the effects of statistical uncertainty on decision making when evaluating alternative designs. Modern techniques for stochastic simulation of random processes will also be studied. The use of computational software packages like MATHCAD and DESIGN II will be expected in doing many of the homework assignments. In addition to two examinations, a computer-oriented design project will be assigned involving the use of chemical engineering principles for the solution of a process flowsheet problem. A good background in computer programming is necessary since many of the course assignments make use of numerical techniques. 4-credits

Department: Chemical Engineering
Course: CHE 278
Title: Energy Alternatives Lab
Instructor: Ebenhack, B
Restrictions: See course description for specific prerequisites required
Description: The students will be presented with issues and technical problems in developing a more sustainable energy mix for a variety of societal needs. They will conduct and design experiments which test various kinds of alternatives, including conservation technologies. The first few weeks will involve discussion of the issues and two or three common experiments for the entire class. One project will involve numerical modeling of a system. The remainder of the course will involve extensive design and evaluation of a concept chosen by the student group. Open to Juniors and Seniors. Sophomores can register with permission of the instructor. 4-credits

Department: Chemical Engineering
Course: CHE 280
Title: Chemistry of Advanced Materials
Cross-listed: CHE 480, MSC 431
Instructor: Yang, H
Description: Preparation, structure, composition, and properties of advanced materials with emphasis on the underlying chemistry. Atomic structure and bonding of crystalline and amorphous solids and crystalline defect. Materials synthesis and processing by chemical and physical deposition methods. Focus on the relation of structure to properties of materials. Selected topics to illustrate the basic concepts and principles will include thin film materials, nanostructure/ nanoscale/ nanocomposite materials, and bulk materials. 4-credits

Department: Chemical Engineering
Course: CHE 282
Title: Processing of Microelectronic Devices
Cross-listed: CHE 482
Instructor: Jorne, J
Description: An overview of processes used in the fabrication of microelectronic devices, with emphasis on chemical engineering principles and methods of analysis, Modeling and processing of microelectronic devices. Includes introduction to physics and technology of solid state devices grade silicon, microlithography, thermal processing, chemical vapor deposition, etching and ion implantation and damascene processing. 2-Credits

Department: Chemical Engineering
Course: CHE 286
Title: Polymer Science & Technology
Cross-listed: CHE 486, MSC 433
Instructor: Chen, S.
Description: This course features the science and technology of synthetic macromolecules. Topics include polymerization reactions, structure and properties of semicrystalline and amorphous polymers, characterization of structure and properties, structure-property relationship in polymers, and applications of polymeric materials. 4-credits

Department: Chemical Engineering
Course: CHE 441
Title: Advanced Fluid Dynamics
Prerequisites: Senior standing in CHE
Description: The study of the fundamental principle of fluid flow. The microscopic conservation equations will be developed and represented in vector notation. Techniques for simplifying and solving well defined, yet industrially significant problems, will be presented. Time permitting, additional topics such as turbulent flow, non-Newtonian fluids, and computational fluid dynamics will be included. 4-credits

Department: Chemical Engineering
Course: CHE 442
Title: Introduction to Molecular Simulation
Cross-listed: CHE 242
Instructor: Chimowitz, E
Description: Please see CHE 242 for the course description.

Department: Chemical Engineering
Course: CHE 458
Title: Electrochemical Engineering and Fuel Cells
Cross-listed: CHE 258
Instructor: Jorne, J
Description: Please see CHE 258 for the course description.

Department: Chemical Engineering
Course: CHE 480
Title: Chemistry of Advanced Materials
Cross-listed: CHE 280, MSC 431
Instructor: Yang, H.
Description: Please see CHE 280 for the course description.

Department: Chemical Engineering
Course: CHE 482
Title: Processing of Microelectronic Devices
Cross-listed: CHE 282
Instructor: Jorne, J
Description: Please see CHE 282 for the course description.

Department: Chemical Engineering
Course: CHE 486
Title: Polymer Science & Technology
Cross-listed: CHE 286, MSC 433
Instructor: Chen, S
Description: Please see CHE 286 for the course description.

Electrical & Computer Engineering

Department: Electrical & Computer Engineering
Course: ECE 111
Title: Introduction to Signals and Circuits
Instructor: Mottley, J. **Class Size:** 50
Prerequisites: Concurrent registration in MTH 163 or 165 and PHY 122
Exams: 2 exams and a final
Coursework: Laboratory: Electrical measurement instruments and techniques.
Description: Analysis techniques for DC and AC circuits.

Department: Electrical & Computer Engineering
Course: ECE 112
Title: Logic Design
Instructor: Derefinko, V. **Class Size:** 60
Prerequisites: One semester of college mathematics. Ability to operate computers.
Exams: final exam
Coursework: Seven lab experiments and homework. One 4 week long project. Lab includes FPGA designs of various complexity.
Description: Fundamentals of digital logic design methodology including analysis, synthesis, optimization, simulation, and implementation. Multi-level combinational circuits, synchronous sequential circuits, and Finite State Machines. Programmable logic devices (PLD's), Computer Aided Design tools (CAD) and Very High Speed IC Hardware Description Language (VHDL) and schematic capture.

Department: Electrical & Computer Engineering
Course: ECE 201
Title: Advanced Computer Architecture
Cross-listed: ECE401
Instructor: Huang, M. **Class Size:** 42
Prerequisites: ECE 200 or equivalent
Description: Instruction set architectures. Advanced pipelining techniques. Instruction level parallelism. Memory hierarchy design. Multiprocessing. Storage systems. Interconnection network.

Department: Electrical & Computer Engineering
Course: ECE 221
Title: Electronic Devices and Circuits
Instructor: Ignjatovic, Z. **Class Size:** 60
Prerequisites: ECE 113
Exams: Three
Description: Introduction to the physics and operation of semiconductor devices and to the design and analysis of basic electronic circuits. Semiconductor transport properties. P-n junction diodes and diode circuits. Bipolar junction transistors. Single- and multi- stage BJT amplifiers. Differential amplifiers. Small-signal analysis, bias design, time and frequency response of BJT circuits. Laboratory.

Department: Electrical & Computer Engineering
Course: ECE 223
Title: Semiconductor Devices
Cross-listed: ECE 423 and MSC426
Instructor: Sobolewski, R. **Class Size:** 50
Prerequisites: ECE 221, ECE 230, and PHY 123 or instructor's approval
Exams: Midterm; library research/review project; presentation and written report
Coursework: 6 homework assignments; research/review project
Description: Review of modern solid state devices, their physics and principles of operation. Solid state physics fundamentals, free electrons, band theory, transport properties of semiconductors, tunneling, semiconductor junctions and translators. Compound and semi-magnetic semiconductors. Optoelectronic and ultrafast devices.

Department: Electrical & Computer Engineering
Course: ECE 230
Title: Electromagnetic Waves
Instructor: Sobolewski, R. **Class Size:** 30
Prerequisites: MTH 163, MTH 164, PHY 122, ECE 113
Exams: Two in class exams and final exam
Coursework: weekly homework assignments, 3 lab, plus 3 pre-lab assignments
Description: TEM waves in transmission line structures, transient and steady state solutions. Applications in digital circuits, RF equipment, and optical communication networks. Maxwell's equations and wave equation in homogeneous media. Plane waves in homogenous loss-less and low-loss media. Linear and circular polarization. Wave propagation in lossy/conducting media and skin effect. Dipole radiation, transceiver and receiver antennas, and antenna arrays. Satellite communications and fiber optical communications. Quantum communications.

Department: Electrical & Computer Engineering
Course: ECE 231
Title: Microwaves & Wireless
Cross-listed: ECE 431
Instructor: Feldman, M. **Class Size:** 20
Prerequisites: ECE 230 or permission of instructor
Exams: one final exam
Coursework: homework assignments
Description: Generation, transmission, control, and detection of electromagnetic waves. Antennas, filters, couplers. Path loss, multipath, fading, MIMO. this course covers the electromagnetic foundation of wireless and other modern communication systems.

Department: Electrical & Computer Engineering
Course: ECE 235
Title: Introduction to Opto-Electronics
Cross-listed: ECE 435, MSC 473
Instructor: Hsiang, T. **Class Size:** 30
Prerequisites: ECE 230 and ECE 221 or equivalent/permission of instructor
Description: Introduction to fundamentals of wave propagation in materials, waveguides and fibers, generation, modulation and detection of light using semiconductor devices, and elements of optocommunication systems.

Department: Electrical & Computer Engineering
Course: ECE 241
Title: Signals
Instructor: Titlebaum, E. **Class Size:** 60
Prerequisites: MTH 164, MTH 165 and ECE 113
Exams: three midterms. five laboratory projects based on MATLAB 6.0
Coursework: Weekly homeworks, Six laboratory projects throughout the semester
Description: Introduction to continuous and discrete time signal theory and analysis of linear time-invariant systems. Signal representations, convolution, Fourier analysis, filtering of continuous and discrete time signals, Laplace and Z transforms. Laboratory.

Department: Electrical & Computer Engineering
Course: ECE 244
Title: Digital Communications
Cross-listed: ECE 444
Instructor: Sharma, G. **Class Size:** 30
Prerequisites: ECE242 and ECE440 and instructor permission
Exams: Mid-term and final exams
Coursework: Matlab-band lab. assignments; MATLAB programming required
Description: Digital communication system elements, characterization and representation of communication signals and systems. Digital transmission, binary and M-ary modulation schemes, demodulation and detection, coherent and incoherent demodulators, error performance. Channel capacity, mutual information, simple discrete channels and the AWGN channel. Basics of channel coding and error correction codes.

Department: Electrical & Computer Engineering
Course: ECE 246
Title: Digital Signal Processing
Cross-listed: ECE 446
Instructor: Heintzman, W. **Class Size:** 20
Prerequisites: ECE 241
Exams: two mid-terms and a final exam
Coursework: Weekly homeworks, monthly Matlab assignments.
Description: This course will begin with a review of discrete-time signals and systems. Following this, the course will cover topics related to the analysis and design of discrete-time signals and systems, including: difference equations, discrete-time filtering, z-transforms, A/D and D/A conversions, multi-rate signal processing, FIR and IIR filter design, the Discrete Fourier Transform (DFT), circular convolution, Fast Fourier Transform (FFT) algorithms, windowing, and classical spectral analysis.

Department: Electrical & Computer Engineering
Course: ECE 261
Title: Digital Integrated Circuit Design
Cross-listed: ECE 461
Prerequisites: ECE 221 and ECE 112 **Class Size:** 20
Exams: final exam
Coursework: Extensive work in the lab is required
Description: Issues in digital integrated circuit design. The devices, CMOS Inverter. Combinational logic gates in CMOS. Designing sequential logic circuits. Designing arithmetic building blocks. Timing issues in digital circuits. Memories and array structures. Design verification and testing. Design projects using computer aided design tools: SPICE, MAGIC, IRSTUM, OCTTOOLS.

Department: Electrical & Computer Engineering
Course: ECE 266
Title: RF and Microwave Integrated Circuits
Cross-listed: ECE466
Instructor: Wu, H. **Class Size:** 30
Prerequisites: ECE222, ECE230 or equivalent. Permission of instructor
Coursework: Bi-weekly design lab; term project using EDA tools
Description: This course involves the analysis and design of radio-frequency (RF) and microwave integrated circuits at the transistor level. We begin with a review of electromagnetics and transmission line theory. Several concepts and techniques are then introduced, including Smith chart, s-parameters, and EM simulation. After discussion of RLC circuits, high-frequency narrow-band amplifiers are studied, followed by wideband amplifiers. Then we examine the important issue of noise with the design example of low-noise amplifiers (LNA). Nonlinear circuits are studied next with the examples of mixers and RF power amplifiers. A study of oscillators and phase noise follows. Afterwards we introduce phase-locked loops (PLL) and frequency synthesizers. The course concludes with an overview of transceivers architectures. The course emphasizes the development of both circuit design intuition and analytical skills. There are bi-weekly design labs and a term project using industry-standard EDA tools (ADS, Asitic).

Department; Electrical & Computer Engineering
Course: ECE 397A
Title: Supervised Science Writing II
Instructor: M. Bocko
Prerequisites: ECE396/496 or equivalent, Instructor Permission and first draft of a scientific article
Description: Students will learn to write science articles aimed at professional scientists (e.g., a scientific publication). The course is aimed at students who already have a draft article (or BS/MS thesis) that they would like to improve and submit for publication in a professional journal and Web archives.

Department; Electrical & Computer Engineering
Course: ECE 398
Title: Design Seminar
Instructor: Mottley, J.
Prerequisites: ECE111, 112, 113, 114
Restrictions: Not open to freshmen and sophomores
Coursework: Prepare a proposal for a Design project that will be carried out the next semester, depending on the area of concentration. Elements of the proposal include: definition of project requirements and product specifications and clarification.
Description: Students majoring in Electrical and Computer Engineering will take this course at the same time as their concentration elective and prepare a proposal for the Design Project to be carried out in the Spring semester. Students and instructor will consult with design project supervisors in various areas to devise a plan. Proposal might include: definition of project requirements and product specifications, clarification and verification of end user requirements, subsystem definition and interfaces, generation of project and testing plans, reliability analysis, product safety, compliance issues, manufacturability, cost, and documentation.

Department: Electrical & Computer Engineering
Course: ECE 401
Title: Advanced Computer Architecture
Cross-listed: ECE 201
Instructor: Huang, M. **Class Size:** 42
Prerequisites: ECE200 or equivalent.
Description: Please see ECE 201 for the course description

Department: Electrical & Computer Engineering
Course: ECE 423
Title: Semiconductor Devices
Cross-listed: ECE 223 and MSC426
Instructor: Sobolewski, R. **Class Size:** 50
Prerequisites: Instructor's approval
Exams: Midterm; Library research/review project-required; presentaon and written repor
Coursework: 6 homework assignments, research /review project
Description: Review of modern solid state devices, their physics and principles of operation. Solid state physics fundamentals, free electrons, band theory, transport properties of semiconductors, tunneling, semiconductor junctions and translators. Compound and semi-magnetic semiconductors. Optpelectronic and ultrafast devices.

Department: Electrical & Computer Engineering
Course: ECE 425
Title: Superconductivity & Josephson Effect
Cross-listed: MSC 422
Instructor: Hsiang, T. **Class Size:** 15
Prerequisites: Permission of instructor
Restrictions: Permission of instructor required
Description: Introduction to superconductivity, electron tunneling, and properties of barriers between superconductors, including the DC and AC Josephson effects, superconducting digital and analog devices.

Department: Electrical & Computer Engineering
Course: ECE 431
Title: Microwaves & Wireless
Cross-listed: ECE231
Instructor: Feldman, M. **Class Size:** 20
Prerequisites: ECE 230 or permission of instructor
Description: Please see ECE 231 for the course description

Department: Electrical & Computer Engineering
Course: ECE 435
Title: Intro to Optoelectronics
Cross-listed: ECE 235
Instructor: Hsiang, T. **Class Size:** 20
Prerequisites: ECE 230 and ECE 221 equivalent or permission of instructor
Description: Please see ECE 235 for the course description

Department: Electrical & Computer Engineering
Course: ECE 440
Title: Introduction to Random Processes
Instructor: Vosoughi, A.
Prerequisites: ECE242 or equivalent
Exams: Midterm and final
Coursework: About ten homework assignments
Description: An introduction to random signals and noise in linear systems. This knowledge will prove useful in the design and analysis of communication systems and signal processing. Review of selected topics in probability theory, random variables, random vectors, random sequences (random walk, Martingales, ARMA model, Markov chains), random processes (Poisson process, Gaussian process, Wiener process, Markov process), stationary and cyclostoatony processes, random process inputs to linear systems, ergodicity, filtering, linear estimation, bandlimited and bandpass processes.

Department: Electrical & Computer Engineering
Course: ECE 441
Title: Detection & Estimation Theory
Instructor: Tillebaum, E. **Class Size:** 20
Prerequisites: ECE440 or permission of instructor
Exams: midterm, term project, final
Coursework: Homework assignments and term project
Description: Classical detection and estimation theory (binary hypothesis tests, M hypothesis, Bayes estimation, maximum likelihood estimation), minimum variance unbiased estimators, Cramer-Rao lower bound, best linear unbiased estimators, least squares estimation, applications to detection of signals in noise and estimation of signal parameters. The role of signal design in Radar, Sonar and wireless communications will be discussed.

Department: Electrical & Computer Engineering
Course: ECE 444
Title: Digital Communications
Cross-listed: ECE 244
Instructor: Sharma, G. **Class Size:** 30
Prerequisites: ECE242 and ECE 440 and instructor permission
Exams: Mid-term and final exams
Coursework: MATLAB - band lab assignments; MATLAB programming required

Department: Electrical & Computer Engineering
Course: ECE 446
Title: Digital Signal Processing
Cross-listed: ECE246
Instructor: Heinzelman, W. **Class Size:** 20
Prerequisites: ECE241
Exams: two mid-terms and a final exam
Coursework: Weekly homeworks, monthly MATLAB assignments
Description: Please see ECE 246 for the course description

Department: Electrical & Computer Engineering
Course: ECE 447
Title: Digital Image Processing
Instructor: Astheimer, J. **Class Size:** 30
Prerequisites: ECE242 with ECE440 and ECE446 recommended or permission of instructor
Exams: Midterm, term project and final
Coursework: homework and project assignments
Description: Digital image fundamentals. Elements of image processing systems. Image model and imaging geometry. Image sampling and quantization. 2D image transforms. Image enhancement and filter. Image degradation models and image restoration techniques. Image segmentation and classification. Image compression.

Department: Electrical & Computer Engineering
Course: ECE 461
Title: Digital Integrated Circuit Design
Cross-listed: ECE 261 **Class Size:** 20
Prerequisites: ECE 221 and ECE 112
Exams: final exam
Coursework: Extensive work in the lab is required
Description: Please see ECE 261 for the course description

Department: Electrical & Computer Engineering
Course: ECE 466
Title: RF I and Microwave Integrated Circuits
Cross-listed: ECE266
Instructor: Wu, H. **Class Size:** 30
Prerequisites: ECE222, ECE230 or equivalent. Permission of instructor
Coursework: Bi-weekly design lab; term project using EDA to
Description: Please see ECE 266 for the course description

Department: Electrical & Computer Engineering
Course: ECE 497B
Title: Supervised Scientific Writing II
Cross-listed: ECE397A; PHY397B/497B
Instructor: Bocko, M. **Class Size:** 15
Prerequisites: PHY396/496 or equivalent, Instructor Permission, and a first draft of a scientific article.
Description: Please see ECE 397A for the course description

Department: Electrical & Computer Engineering
Course: ECE 589
Title: Preparing for Academic Careers in Engineering and Science
Instructor: Fauchet, P.
Prerequisites: Restricted to advanced graduate students in engineering and the sciences who have completed at least two years of full-time stud
Coursework: One two-hour meeting each week-attendance required Weekly reading from the textbook and from the additional texts or handouts Term paper Survey of faculty and students within and outside the University of Rochester
Description: This course is intended for advanced graduate students (and post-docs) interested in pursuing a career as science or engineering professors. Topics to be covered include: the academic enterprise (the new challenges in the 21st century), securing a faculty position, (how to interview and negotiate), the juggling act of the assistant professor (teaching, research, service; academic freedom vs. academic duty; professional development; grant writing; achieving tenure).

Mechanical Engineering

Department: Course: Title: Instructor: Description:	Mechanical Engineering ME 104Q Life's Structures: Mechanical Design in Nature and in the Technological World Perucchio, R. Mechanical aspects of design in the context of two areas in which most students have a very good intuitive understanding: structures built and used by humankind over the centuries, and human and animal bodies. We examine how Newtonian Mechanics, material behavior, energy requirements, size and dimensional considerations define the boundaries of mechanical design in nature and in human technology. On the side of technology, the course studies the evolution of masonry buildings, of bridges, and of other structures. In the case of biological design, topics include bones and the skeletal system, the heart and the circulatory system, muscles and soft tissues. Students work in teams on several design projects, including written reports, model constructions, poster presentation.	Class Size: 50	Department: Course: Title: Instructor: Prerequisites: Exams: Coursework: Description:	Mechanical Engineering ME 201 Boundary Value Problems Clark, A. MTH 163 and MTH 164 3 Midterms and an optional Final Weekly homework Formulation of partial differential equations for physical The course covers the classical partial differential equations of mathematical physics: the heat equation, the wave equation and Laplace's equation and their solution by separation of variables leading to the study of eigenfunctions and eigenvalues. I. One dimensional eigenfunctions and Fourier series. Infinite domains and Fourier transforms. II. Multidimensional (Cartesian) systems: eigenfunctions and eigenvalues. Solutions in terms of multidimensional eigenfunctions and multidimensional Fourier transforms. III. Curvilinear coordinates. Sturm-Liouville theory. Eigenfunctions and eigenvalues. Special functions of mathematical physics. Illustrations and applications chosen from among heat conduction, fluid flow, acoustics and other topics as time and interest warrant.	Class Size: 50
Department: Course: Title: Cross-listed: Instructor: Description:	Mechanical Engineering ME 105 Roman Structures: Engineering in the Classical World CLA213 Perucchio, R. A study on location of Roman engineering focused primarily on civil engineering structures, but also including topics in mechanics, hydraulics and materials. Modern theories in structural mechanics and strength of materials are used to analyze the practice, the achievements, and the limitations of Roman engineering. Topics include the development of structural form in antiquity, building and manufacturing techniques, construction machines and war implements, bridges, aqueducts, monumental buildings, vaults and domes. The course begins with a mandatory three-week long program of study-on-location in Italy during the month of August, which includes extensive visits to Roman monuments, archeological sites, and museums in Rome. This course is part of a new interdisciplinary program between the Department of Mechanical Engineering and the Department of Religion and Classics. An additional program fee is required. Same as CLA213.	Class Size: 20	Department: Course: Title: Instructor: Prerequisites: Exams: Coursework: Description:	Mechanical Engineering ME 204 Mechanical Design Muir, C. ME 226 (ME 211 recommended) 2 exams term project, weekly homework The theory and application of structural mechanics to mechanical design. Topics include: matrix structural analysis and finite element techniques. Students will use the NASTRAN finite element program to solve a variety of design and analysis problems. The term project consists of a team competition to design, analyze build, and test a lightweight structure.	Class Size: 45
Department: Course: Title: Instructor: Restrictions: Exams: Description:	Mechanical Engineering ME 110 Introduction to CAD Ronald, C. Permission of Department required 2 exams, midterm and a final This course covers engineering drawing, and modeling using the Computer Aided Design software Pro/ENGINEER. Topics include orthographic projections, solid modeling, assemblies, and dimensioning. Students will complete the course with a fundamental ability to create and understand solid modeling, and engineering drawings using state of the art PC CAD software. Lectures will make use of a computer projection screen as well as 30 individual computers.	Class Size: 30	Department: Course: Title: Instructor: Prerequisites: Exams: Coursework: Description:	Mechanical Engineering ME 211 Computational Methods in Engineering Gracowski, S. MTH 163, MTH 164 Three exams. Eight homework assignments, each including programming assignments, term project. Introduction to Matlab: solution of linear equations; interpolation; numerical differentiation and integration; root finding; data fitting; numerical solution of ordinary differential equations.	Class Size: 45
Department: Course: Title: Instructor: Prerequisites: Exams: Description:	Mechanical Engineering ME 120 Engineering Mechanics I Statics Ronald, C. MTH 161 3 midterms and 1 final Basic concepts; units; vector algebra; forces; moments; force systems; equilibrium. Plane trusses; method of joints; method of sections; space trusses; frames and machines. Centroids of lines, areas, and volumes; center of mass. Distributed loads on beams; internal forces in beams; distributed loads on cables; hydrostatics. Basic concepts of friction; dry friction; friction in machines.	Class Size: 90	Department: Course: Title: Instructor: Prerequisites: Exams: Coursework: Description:	Mechanical Engineering ME 225 Introduction to Fluid Dynamics Thomas, J. MTH 163, MTH 164; PHY 121, ME 120, ME 123 Two or three in-class exams, final exam. Weekly problem sets. Fluid properties; fluid statics; kinematics of moving fluids; the Bernoulli equation and applications; control volume analysis; differential analysis of fluid flow; inviscid flow, plane potential flow; viscous flow, the Navier-Stokes equation; dimensional analysis, similitude; empirical analysis of pipe flows; flow over immersed bodies, boundary layers, lift and drag.	Class Size: 60
Department: Course: Title: Instructor: Prerequisites: Exams: Description:	Mechanical Engineering ME 121 Engineering Mechanics II Perucchio, R. MTH 161 and MTH 162 or their equivalents, ME 120 This is the third course taken by Mechanical Engineers at the University of Rochester. It covers the engineering approach to the solution of dynamics problems with an emphasis on understanding the concepts. Topics include kinematics and kinetics of particles and rigid bodies with an introduction to vibration.	Class Size: 70	Department: Course: Title: Cross-listed: Instructor: Prerequisites: Coursework: Description:	Mechanical Engineering ME 242 Solids and Materials Laboratory ME 462, MSC 407 Li, J. C. M. Maximum ME 280, ME 226 Laboratory Projects Lecture and laboratory. Lecture: engineering problem solving methodologies and review of basic statistics (homework and test). Laboratory: small (one week) laboratories dealing with solids/materials instrumentation (completion of several required), and an independent project (including proposal, experimentation, and final report). Most students will work in groups of three during much of the class.	Class Size: 42

Department: Mechanical Engineering
Course: ME 251
Title: Heat Power Applications **Class Size:** 60
Prerequisites: ME 123, ME 225 (may be taken concurrently)
Exams: One midterm exam and a final exam
Coursework: Design project
Description: Vapor power systems, gas power systems, refrigeration and heat pumps, internal combustion engines, compressors and turbines.

Department: Mechanical Engineering
Course: ME 280
Title: Introduction to Materials Science
Cross-listed: MSC 202
Instructor: Lambropoulos, J **Class Size:** 40
Prerequisites: ME 226, PHY 122
Exams: 1 - 2 midterms, one final
Description: Properties of engineering materials including metals, alloys, ceramics, polymers and composites. Relationship of properties to the materials microstructure including atomic bonding, atomic arrangement, crystal structure, co-existing phases, interfaces, defects and impurities. Processing techniques for altering the microstructure and properties.

Department: Mechanical Engineering
Course: ME 402
Title: Partial Differential Equations
Instructor: Goncharov, V. **Class Size:** 15
Prerequisites: ME 201, MTH 282
Exams: Midterm and final
Description: Formulation of a typical problem; review of Sturm-Liouville theory. Occurrence of Laplace and Poisson equations; Greens functions; solutions in rectangular, cylindrical, and spherical coordinates. Occurrence of diffusion equation; Greens functions; scale relations in diffusion; vector fields and spherical decay modes; diffusion in moving materials; Burgers equation; Fishers equation. First order equations and the theory of characteristics; examples of kinematical waves. Wave equation and propagation; use of characteristics with wave equation; Helmholtz equation; combination of propagation and diffusion. Dispersive waves; dispersion relations; Fourier integral and stationary phase; group velocity and wave trains; Kramers-Kronig relations. Boundary layers and multiple scales; matched asymptotic expansions.

Department: Mechanical Engineering
Course: ME 434
Title: Introduction to Plasma Physics I
Cross-listed: PHY 454
Instructor: Ren, C. **Class Size:** 10
Prerequisites: PHY 217 or OPT 262
Exams: 1 midterm, 1 final
Description: Basic plasma parameters; quasi-neutrality, Debye length, plasma frequency, plasma parameter, Charged particle motion; orbit theory. Basic plasma equations; derivation of fluid equations from the Vlasov equation. Waves in plasmas. MHD theory.

Department: Mechanical Engineering
Course: ME 440
Title: Mechanics of Structures
Instructor: Lambropoulos, J. **Class Size:** 15
Prerequisites: ME 226 or equivalent
Exams: Two exams
Description: Application of direct and indirect methods of the calculus of variations to the stress, deflection, and dynamic analysis of beam, ring and plate elements. Strain energy and complementary strain energy; variational principles; Lagrange multipliers, Rayleigh-Ritz method; Galerkin Method.

Department: Mechanical Engineering
Course: ME 444
Title: Continuum Mechanics
Instructor: Gans, R. **Class Size:** 10-20
Prerequisites: ME/MTH 164, ME 201, ME 225, ME 226, mathematical maturity
Exams: 2 exams and project report
Description: The mechanics of continuous media. Introduction to tensors in the context of deformation, stress, and strain. Eulerian and Lagrangian formulations. Constitutive laws for elastic, viscoelastic, plastic solid media and Newtonian fluids. Material symmetry and anisotropy. Balance of mass, momentum, and energy. The emphasis is on fundamentals and applications to engineering problems. Differential geometry may be covered if there is interest and time.

Department: Mechanical Engineering
Course: ME 462
Title: Experimental Materials Science
Cross-listed: ME 242, MSC 407
Instructor: Li, J. **Class Size:** 42
Prerequisites: ME 280, ME 226
Coursework: Laboratory Projects
Description: Please see ME 242 for the course description.

Department: Mechanical Engineering
Course: ME 483
Title: Biosolid Mechanics
Cross-listed: BME 483
Instructor: Lerner, A. **Class Size:** 25
Prerequisites: ME 226 or equivalent
Exams: 1 exam, 1 term project, 6 homework assignments
Description: Please see BME 483 for the course description.

Optics

Department: Optics
Course: OPT 101
Title: Optics in the Information Age
Instructor: Knox, W. **Class Size:** no limit
Prerequisites: None
Description: Forget glasses. This course begins with a discussion of the properties of Light: refraction, imaging, diffraction, interference, the historical development of optical instruments (the microscope, telescope, laser) then moves into topics not limited to the Internet, high-speed information access, information storage and display, as well as new medical instruments, therapies and applications. Several demonstrations and conceptual models are presented.

Department: Optics
Course: OPT 211
Title: Computational Methods in Optics
Instructor: Brown, T. **Class Size:** 35
Prerequisites: MTH 162 and concurrent enrollment in MTH 164
Description: This course introduces techniques of transforming continuous problems to discrete mathematical models. Students learn computational methods for solving problems in optics using high level software. Includes labs.

Department: Optics
Course: OPT 224
Title: Laser Systems
Instructor: Boyd, R. **Class Size:** 35
Prerequisites: OPT 241 and OPT 261. MTH 163 or 165 recommended.
Description: Fundamentals and applications of lasers and laser systems, including optical amplification, cavity design, beam propagation and modulation. Emphasis is placed on developing the basic principles needed to design new systems as well as an understanding of the operation of those currently in use. Some knowledge of simple quantum mechanics and scalar diffraction theory is assumed.

Department: Optics
Course: OPT 226
Title: Optoelectronics I
Instructor: Guo, C. **Class Size:** 35
Prerequisites: OPT 261, OPT 262
Restrictions: Open only to senior majors or by permission of instructor
Description: Introduction to the physics of optoelectronics. Light propagation in restricted geometries including waveguides and optical fibers. Dispersion and loss in linear and nonlinear pulse propagation. Passive optoelectronic devices: detectors and couplers. Active optoelectronic devices: lasers and modulators. Coupling between passive and between active and passive elements.

Department: Optics
Course: OPT 242
Title: Aberrations, Interferometry and Testing
Instructor: Zavislan, J.
Prerequisites: OPT 241 OPT 261 OPT 241, OPT 261
Description: Geometrical and diffraction theory of image formation. Optical transfer functions. Measurement of first-order properties. Seidel aberrations. Tests of aberrated systems. Seidel contribution formulae. Two beam interferometry. Interferometers in optical testing. Shearing, point diffraction, and heterodyne interferometers.

Department: Optics
Course: OPT 256
Title: Optics Laboratory
Instructor: Teegarden, K. Berg, D. **Class Size:** 16
Prerequisites: OPT 242, OPT 261, OPT 262
Restrictions: Open only to senior majors or by permission of instructor
Description: Intensive laboratory course with experiments on optical imaging systems, testing of optical instruments, diffraction, interference, holography, lasers, detectors, spectroscopic instruments. Optics Seniors should take this course in the Fall semester. OPT 257 Optics Laboratory II is offered along with OPT 256 in the spring

Department: Optics
Course: OPT 263K
Title: Quantum Optics and Quantum Information Laboratory
Instructor: Lukishova, S. **Class Size:** 6
Prerequisites: PHY 123 or 143
Restrictions: Permission of instructor required
Description: This advanced optics teaching laboratory course will expose students to cutting-edge photon counting instrumentation and methods with applications ranging from quantum information to biotechnology and medicine. It will be based on quantum information, the new, exciting application of photon counting instrumentation. As much as wireless communication has impacted daily life already, the abstract theory of quantum mechanics promises solutions to a series of problems with similar impact on the twenty-first century. Major topics will be entanglement and Bells inequalities, single-photon interference, single-emitter confocal fluorescence microscopy, Hanbury Brown and Twiss correlations/photon antibunching. Photonic based quantum computing and quantum cryptography will be outlined in the course manuals as possible applications of these concepts and tools. The full course will consist of four laboratory experiments and a special final meeting of students oral presentations. It will be taught twice per week for three hours (total twelve weeks). Learning technical skills on cutting-edge instrumentation, students will be simultaneously exposed to case studies of how real companies are using these instruments to create a market value from the ideas, and what challenges they are faced with. This course will have an entrepreneurial component as well with the so-called summary business plan. In addition to technical lab reports all students should submit a one, ~ 10-pages summary business plan at the end of semester. It will contain all elements of a real business plan for a company involved in the photon-counting instrumentation business, but a much shorter version than a full-fledged business plan. The example of a full-fledged business plan will be provided for a technological company as prepared by students taking the entrepreneurial course at Business School.

Department: Optics
Course: OPT 396
Title: Honors Project
Instructor: Brown, T.
Restrictions: Permission of instructor required
Description: The Undergraduate Honors Program at The Institute of Optics is offered to those seniors who have qualified for the optics major and have an overall grade point average of at least 3.6 after the fall semester of their junior year. Qualifying students will spend two semesters (8 semester hours of credit) doing research under the supervision of an optics faculty member.

Department: Optics
Course: OPT 411
Title: Complex Analysis and Mathematical Methods
Cross-listed: PHY 401
Instructor: Alonso, M. **Class Size:** 35
Prerequisites: ME 201, 202 or equivalent; or permission of the Instructor
Restrictions: Open only to graduate students in offering department
Description: Study of mathematical techniques such as contour integration, transform theory, Fourier transforms, asymptotic expansions, and Green's functions, as applied to differential, difference, and integral equations.

Department: Optics
Course: OPT 425
Title: Radiation and Detectors
Instructor: Wicks, G. **Class Size:** 30
Restrictions: Permission of instructor required for undergraduates
Description: The generation, detection, and measurement of optical radiation. The following topics are covered: definitions of radiance, intensity, irradiance, exitance, solid angle; the Planck radiation law; approximations to the radiation law and their

use in engineering calculations; emissivity and properties of radiation sources; Kirchoff's law; irradiance in optical imaging systems; detector responsivity; noise in the detection process; the Fowler-Einstein equation and Poisson statistics; the spectral density of bandlimited noise; Carson's theorem; shot noise; temperature noise in thermal and quantum detectors; Johnson noise in electric circuits; direct and heterodyne detection schemes; transient response of detectors; detective quantum efficiency; thermal detectors; photoemissive detectors; photoconductive and photovoltaic detectors; television camera tubes; and charge-coupled detector arrays; photometry; and colorimetry.

Department: Optics
Course: OPT 441
Title: Geometrical and Instrumental Optics I
Instructor: Moore, D. **Class Size:** 35
Description: These courses are designed to give the student a basic working knowledge of image-forming optical systems. They are designed to be taken sequentially: 441 is a prerequisite for 442. The courses are oriented toward problem solving. Material covered in the first term includes: image formation, raytracing and first-order properties of systems; magnification, F/number, and numerical aperture; stops and pupils, telecentricity vignetting; telescopes, microscopes, magnifiers, and projection systems; the Delano diagram; the eye and visual systems, field lenses; optical glasses, the chromatic aberrations, and their correction; derivation of the monochromatic wavefront aberrations and study of their effects upon the image; third order properties of systems of thin lenses; effects of stop position and lens bending; aplanatic, image centered, and pupil centered surfaces; and field flatteners.

Department: Optics
Course: OPT 461
Title: Physical Optics I
Instructor: Fienuip, J. **Class Size:** 60
Prerequisites: Undergraduate electromagnetic theory, advanced calculus, linear algebra
Restrictions: Permission of instructor required for undergraduates
Description: The principles of physical optics including diffraction and propagation based on Fourier transform theory; integral formulation of electromagnetic propagation; diffraction from apertures and scattering objects; applications to optics of Fourier transform theory, sampling expansions, impulse response, propagation through optical systems, imaging and transforming, optical transfer function, optical filtering; and selected topics of current research interest.

Department: Optics
Course: OPT 551
Title: Introduction to Quantum Optics
Instructor: Eberly, J. **Class Size:** 35
Prerequisites: OPT 412 or PHY 407/408 or permission of the instructor.
Description: This course gives an introduction to modern theoretical methods in quantum electronics and quantum optics. It is designed to provide a background for theoretical or experimental work in these areas. Topics discussed include: Absorption and emission of radiation by atoms both far from and near to resonance, using the Lorentz model and the two-level model of an atom, the optical Bloch equations and the atomic density matrix, relaxation phenomena and linewidths, optical pulse propagation, nonlinear coherence effects, saturation spectroscopy, Raman processes, photoionization and multiphoton effects.

Department: Optics
Course: OPT 553
Title: Quantum Optics II
Cross-listed: PHY 533
Instructor: Stroud, C. **Class Size:** 35
Restrictions: Permission of instructor required for undergraduates
Description: Topics covered include: quantum properties of the free E.M. Field; coherent states and quantum coherence theory; quantum correlation functions; thermal radiation; coherence properties of blackbody radiation, statistics of thermal light beams; photon statistics of quantum fields; interaction of radiation with atoms and charges; theory of photodetection; interaction of radiation with two-level atoms; theory of resonance fluorescence, photon statistics, and anti-bunching; the Scully-Lamb approach to the quantum theory

WILLIAM E. SIMON GRADUATE SCHOOL OF BUSINESS

Fall of 2007

COURSE REF. NO. DEPT. CREDIT COURSE NUMBER	COURSE TITLE	HOURS HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
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WILLIAM E. SIMON GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

ALL SIMON SCHOOL STUDENTS (MATRICULATED AND NON-MATRICULATED) AND STUDENTS OF OTHER GRADUATE COLLEGES OF THE UNIVERSITY OF ROCHESTER SHOULD REGISTER AT THE SIMON SCHOOL FOR SIMON SCHOOL GRADUATE LEVEL (400 AND 500 NUMBERED) COURSES, IN ACCORDANCE WITH THE SIMON SCHOOL REGISTRATION SCHEDULE.

THE SIMON SCHOOL WILL OFFER COURSES ON BOTH THE SEMESTER AND QUARTER SCHEDULES. COURSES TO BE OFFERED IN THE FALL SEMESTER AND THE SPRING SEMESTER ARE 100 AND 200 LEVEL COURSES (WHICH ARE NOT OPEN TO MBA STUDENTS) AND APS 500 LEVEL COURSES.

ALL OTHER SIMON SCHOOL 400 AND 500 LEVEL COURSES WILL BE OFFERED ON THE QUARTER SCHEDULE.

<i>QUARTER</i>	<i>QUARTER DATES</i>
<i>FALL:</i>	<i>SEPT. 17 - DEC. 08</i>
<i>WINTER:</i>	<i>JAN. 07 - MARCH 16</i>
<i>SPRING:</i>	<i>MARCH 24 - JUNE 02</i>

FIRST TIME STUDENTS SHOULD REGISTER IN PERSON IN ACCORDANCE WITH THE SIMON SCHOOL REGISTRATION SCHEDULE. FOR ON GOING STUDENTS THERE IS ON-LINE REGISTRATION FOR THE FALL, WINTER, AND SPRING QUARTERS. FURTHER INFORMATION MAY BE OBTAINED IN SCHLEGEL HALL, ROOM 304 AND AT THE SCHLEGEL HALL RECEPTION DESK, OR BY CALLING (585) 275-3580.

ACCOUNTING

10246 2ACC 201	PRINCIPLES OF ACCOUNTING	04.0	TR	1230	1345	WOJDAT K	E
10223 2ACC 201	PRINCIPLES OF ACCOUNTING	04.0	TR	1105	1220	WOJDAT K	E
10237 2ACC 201	PRINCIPLES OF ACCOUNTING LAB	LAB	M	1650	1805		E
10214 2ACC 201	PRINCIPLES OF ACCOUNTING LAB	LAB	R	1650	1805		
10258 2ACC 401	CORP FINANCIAL ACCOUNTING	03.0	TBA				N
10260 2ACC 401	CORP FINANCIAL ACCOUNTING	03.0	TBA				N
10271 2ACC 401A	CORP FIN ACCTG LAB	01.0	TBA				N
10285 2ACC 401A	CORP FIN ACCTG LAB	01.0	TBA				N
10292 2ACC 417	AUDITING	03.0	TBA				N
10305 2ACC 436	ADV ACCOUNTING RESEARCH	03.0	TBA				N

APPLIED ECONOMICS

10439 2AEC 510	PHD WORKSHOP IN APPL ECON	03.0	TBA				N
10442 2AEC 511	ADVANCED PRICE THEORY I	03.0	TBA				N

BUSINESS ENVIRONMENT & PUBLIC POLICY

21814 2BPP 432	BASIC BUSINESS LAW	03.0	TBA				N
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EXECUTIVE PROGRAM IN BERN SWITZERLAND

21823 2BRN 416	ECON ENVIRONMENT	03.0	TBA				N
21837 2BRN 461	OPERATIONS MGMT	03.0	TBA				N
21846 2BRN 483	INT'L FINANCE	03.0	TBA				N

COMPUTERS & INFORMATION SYSTEMS

31805 2CIS 215	FDN OF MGMT INFO SYSTEMS	04.0	TR	1105	1220	SCHENK W	
31818 2CIS 391	INDEPENDENT STUDY	00.0	TBA				GJ
31836 2CIS 400	COMPUTER REVIEW	00.0	TBA				N
31847 2CIS 401	INFORMATN SYS FOR MANAGEMNT	03.0	TBA				N
31854 2CIS 401A	INFOR SYS FOR MGMT LAB	01.0	TBA				N
31863 2CIS 415	BUS PROC ANALYSIS & DESIGN	03.0	TBA				N
31872 2CIS 501	PHD SEMINAR IN CIS	03.0	TBA				N
31889 2CIS 521	PHD SEMINAR IN CIS	03.0	TBA				N

WM. SIMON

WILLIAM E. SIMON GRADUATE SCHOOL OF BUSINESS Continued

COURSE REF. NO.

DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
ELECTRONIC COMMERCE									
		39799 2ECM 415	ELECTRONIC COMMERCE	03.0	TBA			N	
EXECUTIVE DEVELOPMENT PROGRAM									
		49505 2EXP 410	MANAGERIAL ECONOMICS	04.0	F	0800 1630		N	
		49518 2EXP 420	MANAGERIAL DECISION ANALYSIS	04.0	F	0800 1630		N	
		49520 2EXP 455	MANAGERIAL ACCOUNTING	04.0	F	0800 1630		N	
		49536 2EXP 462	MANUF & SERVICE STRATEGY	03.0	F	0800 1630		N	
		49547 2EXP 475	MARKETING I	04.0	F	0800 1630		N	
FINANCE									
		49554 2FIN 205	FINANCIAL MANAGEMENT	04.0	MW	1400 1515	WOJDAT K	E	
		49563 2FIN 391	INDEPENDENT STUDY	00.0	TBA			GJ	
		49589 2FIN 394	INTERNSHIP	00.0	TBA			GJ	
		49615 2FIN 402	CAP BUD & CORP OBJ	03.0	TBA			N	
		49621 2FIN 402	CAP BUD & CORP OBJ - LAB	LAB	TBA			N	
		49639 2FIN 402	CAPITAL BUDGET & CORP OBJ	LAB	TBA			N	
		49642 2FIN 402	CAPITAL BUDGET & CORP OBJ	03.0	TBA			N	
		49650 2FIN 411	INVESTMENTS	03.0	TBA			N	
		49668 2FIN 411	INVESTMENTS	03.0	TBA			N	
		49673 2FIN 411	INVESTMENTS LAB	LAB	TBA			N	
		49684 2FIN 413	CORPORATE FINANCE	03.0	TBA			N	
		49696 2FIN 423	CORP FIN POLICY & CONTROL	03.0	TBA			N	
		49703 2FIN 430	FINANCIAL INSTITUTIONS	03.0	TBA			N	
		49712 2FIN 433	CASES IN FINANCE	03.0	TBA			N	
		49729 2FIN 505	THEORY OF FINANCE	03.0	TBA			N	
GENERAL BUSINESS ADMINISTRATION									
		50631 2GBA 157	FUNDAMENTALS OF BUSINESS ADM	04.0	TR	1400 1515	GILBERT B		
		50645 2GBA 291	REVIEW OF ENTREPRENEURSHIP	04.0	TBA				
		50659 2GBA 291	READING IN BUSINESS ADMIN	04.0	TBA				
		50662 2GBA 391	INDEPENDENT STUDY	00.0	TBA			GJ	
		50721 2GBA 392	PRACTICUM	00.0	TBA			GJ	
		50742 2GBA 394	INTERNSHIP	00.0	TBA			GJ	
		50804 2GBA 397	SENIORS SCHOLARS RESEARCH	16.0	TBA			GJ	
		50810 2GBA 409	ENG LANGUAGE & US CULTURE C	00.0	TBA		ZUROSKI E	N	
		50828 2GBA 411	FRAMING & ANALYZING BUS PROB	03.0	TBA			N	
		50832 2GBA 411	FRAMING & ANALYZING BUS PROB	03.0	TBA			N	
		50849 2GBA 411A	FRAMING&ANALY BUS PROB LAB	01.0	TBA			N	
		50855 2GBA 411A	FRAMING&ANALY BUS PROB LAB	01.0	TBA			N	
		50861 2GBA 422	ENTRP IN VALUE CREATION	03.0	TBA			N	
		50876 2GBA 423	NEW VENTURE MGMT & ENTREPRE	03.0	TBA			N	
		50887 2GBA 490	AMERICAN BUSINESS PRACTICE	01.0	TBA			N	
		50893 2GBA 491	MASTER'S READING COURSE	00.0	TBA			GJ	
		51006 2GBA 492	INTERNATIONAL EXCHANGE PROG	06.0	TBA			N	
		51019 2GBA 493	INTERNATIONAL EXCHANGE PROG	09.0	TBA			N	
		51022 2GBA 494	FOREIGN LANGUAGE STUDY	03.0	TBA			N	
		51035 2GBA 591	PHD READING COURSE	00.0	TBA			GJ	
		51097 2GBA 594	PHD INDEPENDENT STUDY	03.0	TBA			N	
		51101 2GBA 595	PHD RESEARCH	00.0	TBA			GJ	
		51304 2GBA 985	LEAVE OF ABSENCE	00.0	TBA			N	
		51310 2GBA 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA			N	
		51328 2GBA 999	DOCTORAL DISSERTATION	00.0	TBA			N	
HEALTH SCIENCES									
		55010 2HSM 431	CORP FIN&GOVERN TO HLTH CARE	03.0	TBA			N	
		55028 2HSM 451	STRATEGY AND MARKETING	03.0	TBA			N	
		55032 2HSM 455	HEALTH CARE PRACTICUM I	03.0	TBA		WEDIG G	N	
		55049 2HSM 456	HEALTH CARE PRACTICUM II	03.0	TBA		WEDIG G	N	

WILLIAM E. SIMON GRADUATE SCHOOL OF BUSINESS Continued

COURSE REF. NO.

DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
LAW									
		57843 2LAW 205	BUSINESS LAW	04.0	TR	1230 1345	PLACE R		B
		57851 2LAW 205	BUSINESS LAW	04.0	TR	1815 1930	SHANAHAN P		B
		57865 2LAW 390	SUPERVISED TEACHING	00.0	TBA				GJ
		57880 2LAW 391	INDEPENDENT STUDY	00.0	TBA				GJ
		57910 2LAW 394	INTERNSHIP	00.0	TBA				GJ
MANAGEMENT COMMUNICATION									
		62279 2MGC 401	INTERPERSONAL COMM STRAT	01.0	T	1330 1625			N
		62282 2MGC 401	INTERPERSONAL COMM STRAT	01.0	T	1330 1625			N
		62298 2MGC 401	INTERPERSONAL COMM STRAT	01.0	T	1330 1625			N
		62302 2MGC 401	INTERPERSONAL COMM STRAT	01.0	T	1330 1625			N
		62317 2MGC 401	INTERPERSONAL COMM STRAT	01.0	M	1330 1625			N
		62326 2MGC 401	INTERPERSONAL COMM STRAT	01.0	T	1330 1625			N
		62334 2MGC 401	INTERPERSONAL COMM STRAT	01.0	M	1330 1625			N
		62343 2MGC 401	INTERPERSONAL COMM STRAT	01.0	M	1330 1625			N
		62351 2MGC 535	TEACHING PROFESSIONAL COMM	05.0	TBA				N
MANAGEMENT SCIENCE MODEL									
		63671 2MSM 400	MATHEMATICS REVIEW	00.0	TBA				N
		63685 2MSM 401	STATISTICS REVIEW	00.0	TBA				N
		63692 2MSM 504	THRY OF PROBABILITY&STOCHAST	03.0	TBA				N
		63701 2MSM 509	INFOMATION SCIENCE&LARGE SCA	03.0	TBA				N
		63716 2MSM 535	NETWORK&INTEGER PROGRAMMING	03.0	TBA				N
		63727 2MSM 542	QUEUING THEORY & APPLICATION	03.0	TBA				N
MARKETING									
		62669 2MKT 203	PRINCIPLES OF MARKETING	04.0	TR	0940 1055	COOK G		E
		62674 2MKT 203	PRINCIPLES OF MARKETING	04.0	MW	1815 1930	HOPEV		E
		62683 2MKT 390	SUPERVISED TEACHING	00.0	TBA				GJ
		62704 2MKT 391	INDEPENDENT STUDY	00.0	TBA				GJ
		62749 2MKT 394	INTERNSHIP	04.0	TBA				GJ
		62793 2MKT 402	MARKETING MANAGEMENT	03.0	TBA				N
		62807 2MKT 432	PRODUCT PLAN & DEVELOP	03.0	TBA				N
		62815 2MKT 441	BRAND MGMT WORKSHOP	03.0	TBA				N
		62821 2MKT 449	GLOBAL MARKETING STRATEGY	03.0	TBA				N
		62839 2MKT 511	ADVANCED TOPICS IN MARKETING	03.0	TBA				N
OPERATIONS MANAGEMENT									
		69851 2OMG 231	OPERATIONS MANAGEMENT	04.0	T	1650 1930			N
		69865 2OMG 402	OPERATIONS MGMT	03.0	TBA				N
		69878 2OMG 402	OPERATIONS MGMT - LAB	LAB	TBA				N
		69880 2OMG 412	SERVICE MGMT & SCHEDULING	03.0	TBA				N
		69899 2OMG 501	PHD SEMINAR IN OMG	03.0	TBA				N
		69904 2OMG 521	ADVANCED RESEARCH SEMINAR	03.0	TBA				N
COMPETITIVE & ORGANIZATIONAL STRATEGY									
		87957 2STR 401	MANAGERIAL ECONOMICS	03.0	TBA				N
		87966 2STR 401	MANAGERIAL ECONOMIC2S	03.0	TBA				N
		87979 2STR 401	MANAGERIAL ECONOMICS	03.0	TBA				N
		87982 2STR 401A	MANAGERIAL ECONOMICS LAB	01.0	TBA				N
		87998 2STR 401A	MANAGERIAL ECONOMICS LAB	01.0	TBA				N
		88002 2STR 401A	MANAGERIAL ECONOMICS LAB	01.0	TBA				N
		88017 2STR 425	ORGANIZATN OF INDUSTRY&MKTS	03.0	TBA				N
		88026 2STR 427	FNDS OF ORGANIZ BEHAVIOR	03.0	TBA				N
		88034 2STR 441	EXECUTIVE STRATEGY SEMINAR	03.0	TBA				N
		88043 2STR 501	SEM IN ECO AND MANAGEMENT	03.0	TBA				N
		88051 2STR 510	RES IN ORGINIZATNAL&COMP STR	03.0	TBA				N

William E. Simon School of Business Administration

Department: Simon School
Course: ACC 201
Title: Principles of Accounting **Class Size:** 40-60
Restrictions: Permission of instructor required for freshmen
Description: An introduction to the principles and procedures used by organizations to record economic transactions that affect them, and to report the net effect of these transactions to interested external parties. The course will cover the judgment inherent in certain aspects of the recording and reporting process, the acceptable alternatives for recording a given transaction, and the effect these judgments and alternatives have on comparisons of financial reports for different organizations, and on the usefulness of financial reports in general. Also covered will be cases where the financial reports fail to fully incorporate the economic condition of an organization, and why.

Department: Simon School
Course: CIS 215
Title: Management Information Systems **Class Size:** 15
Prerequisites: one of ECE114 or CSC 170 or CSC171 courses
Description: A survey of information system technology and its application to the various functional areas of business. Topics include a complete overview of computer hardware and software, introduction to systems analysis, database management systems, data communications, system development and acquisition, e-commerce, management of enterprise computing resources and an analysis of the strategic considerations of information systems for business.

Department: Simon School
Course: FIN 205
Title: Financial Management **Class Size:** 45-55
Prerequisites: ACC 201; ECO 207 or equivalent
Description: This course provides a market oriented framework for analyzing the major types of financial decisions made by corporations. Discounted cashflow techniques are introduced and applied to the capital budgeting problem (the choice among alternative investment projects) and financial asset valuation. Security markets are discussed and topics of capital market efficiency and portfolio theory introduced. The effects of capital structure and dividend policy on the value of the firm are analyzed.

Department: Simon School
Course: GBA 257 **Class Size:** 30-40
Title: Fundamentals of Business - Why Businesses Succeed and Fail
Restrictions: Not open to freshmen and sophomores
Description: An introduction to the principles of business, examining a wide range of problems businesses face today using commercial successes and failures to illustrate the issues including: how companies should consider identifying the markets for their products, leadership and motivation of employees, fund raising considerations and ethical issues facing businessmen and women. The class concludes with small group preparation and presentation of a modified business plan which integrates information studied during the semester.

Department: Simon School
Course: LAW 205
Title: Business Law **Class Size:** 30-40
Restrictions: Not open to freshmen and sophomores
Description: A study of basic principles in several fields of law of significance to businesses, including the formation and legal liability of business organizations. This will be preceded by a review of certain environmental and historical aspects of the law, including the legal processes by which our laws are created, the functions of the courts and the rule of law in American society. Throughout, the emphasis is on developing an understanding of the reasoning process used by the courts to resolve disputes and define new law.

Department: Simon School
Course: MKT 203
Title: Principles of Marketing **Class Size:** 30
Prerequisites: ACC 201; ECO 207 or equivalent
Description: A broad overview of the marketing function in the modern organization, with a central focus on customers and the management of response to their needs, expectations and behaviors. Study covers the evolution of 20th century marketing theory and practice, the emergence of technology-driven relationship marketing, and the robust nature of traditional marketing theory. Students gain practical experience applying strategic knowledge and tools to the market planning process. Upon completion students understand marketing's deep impact within organizations, with ability to recognize and use marketing concepts in real world settings.

Department: Simon School
Course: OMG 231
Title: Operations Management **Class Size:** 15
Restrictions: Not open to freshmen
Description: This course discusses problems encountered in managing the production of goods and services, and models and techniques for dealing with these problems. Emphasis is on developing analytic insight into selected models. Topics include strategy and tactics, decision theory, forecasting, production management, supply chain management and project control. The dynamics of global operations and marketplace are also discussed at length. Video presentations and case discussions are also included to gain practical insights into the operations function. Students are also required to work on a library research paper.

MARGARET WARNER GRADUATE SCHOOL OF EDUCATION & HUMAN DEVELOPMENT

Fall of 2007

Because numerous scheduling changes occur between the time the University's Course Schedule booklet goes to print and the beginning of the semester, Warner School has chosen to publish the Official Warner School Course Schedule independent of this printing. The Official Warner School Course Schedule is available in online version on the Warner website: <http://www.rochester.edu/warner/programs/courses/index.html> (select term in either MS Excel or PDF formats). The online version is always the most current and accurate, as it is updated immediately when changes occur.

Most course descriptions can also be found on the Warner website under Programs & Courses: <http://www.rochester.edu/Warner/programs/courses/masterlist.html>. To view full descriptions, click on the area of interest (e.g., Teaching & Curriculum).

REGISTRATION INFORMATION:

PLEASE NOTE: for all but matriculated Warner School Students and unless otherwise noted on the Official Warner Course Schedule, Warner requires written permission of the Counseling & Human Development Department Chair in order to register for counseling classes (e-mailed permission is acceptable but verbal is not).

MATRICULATED WARNER SCHOOL STUDENTS: must now register online.

MATRICULATED NON-WARNER GRADUATE STUDENTS: may also register online but must contact the Warner School Registrar's Office for IPC's (instructor permission codes) in order to do so.

MATRICULATED JUNIOR* or SENIOR* UNDERGRADUATE STUDENTS: may not register for Warner classes online; they must bring a completed Drop/Add Form (available from any Registrar's Office or on the Warner website: <http://www.rochester.edu/warner/student-services/forms/dropadd.doc>) to the Warner Registrar for permission before attending class. We ask that students not approach the instructor for permission on the first day of class.

* In some rare instances, underclassmen are allowed to register for Warner classes, but Warner will make that determination on a case-by-case basis.

NON-MATRICULATED GRADUATE STUDENTS: may not register online but may obtain the three required Warner forms on its website:

Non-Matriculated Graduate Registration Form: <http://www.rochester.edu/warner/student-services/forms/nonmatreg.pdf>;

Non-Matriculated Graduate Financial Statement: <http://www.rochester.edu/warner/student-services/forms/nonmatfin.pdf>;

Non-Matriculated Payment Agreement:

<http://www.rochester.edu/warner/student-services/forms/nonmatpay.doc>.

All three completed forms must be mailed or hand-delivered to the Warner Registrar (Warner School Registrar's Office, 2-160A Dewey Hall, R.C. Box 270425, Rochester, NY 14627-0425 - walk-in office hours 10:30 a.m. - 5:30 p.m., Monday to Friday). **PLEASE NOTE:** Warner School utilizes its own unique registration forms and processes all registration-related forms for its students (no need for students to go to the Bursar's or HR Offices before registering, as long as payment or proof of funding accompanies registration).

Should a prospective or non-matriculated student wish to be added to Warner's e-mailing list to receive notification when registration is open, s/he should complete the required fields at the bottom of this page on Warner's website and submit the form: <http://www.rochester.edu/Warner/student-services/nonmatric.html>.

Eastman School of Music

Fall 2007

Numerous changes occur between the time the University of Rochester Course Schedule booklet goes to print and the beginning of the semester. Therefore, the Eastman School of Music publishes a separate schedule of courses. Printed copies are available at the Eastman Registrar's office located in Miller Center, on-line in PDF format, and as part of the University course schedule at www.esm.rochester.edu/registrar. (Go to the "Calendars & Schedules" link).

Arts Leadership courses offered through the Eastman School's Institute for Music Leadership, including those funded through the Ewing Marion Kauffman Foundation to support entrepreneurship education, are included in this publication.

Registration for Private Music Lesson Instruction

- Secondary lessons are available to students studying bassoon, cello, clarinet, double bass, euphonium, flute, guitar (classical or jazz), harp, harpsichord, horn, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, or voice who are not currently enrolled in an Eastman degree program.

Eligibility for Lesson Instruction at Eastman

- University of Rochester students who have achieved at least an intermediate level in an instrument or voice, may request half-hour lessons at Eastman, provided sufficient studio space exists.
- Students who take Eastman lessons must show evidence of progress and accomplishment by playing a jury or its equivalent each spring. If no jury is played the student will receive a grade of incomplete and will not be allowed to continue with lessons.
- Secondary lessons are usually taught by doctoral teaching assistants (TA's). Students who are interested in taking one-hour lessons should contact the Office of Academic Affairs of the Eastman School to determine if space is available.
- Students may take as many as 8 semesters of half-hour lessons with doctoral TA's. Exceptional students who place into faculty studios may take up to 4 semesters of half-hour lessons. BA music majors may take up to 8 semesters of half-hour lessons in faculty studios (or 4 semesters of primary lessons) depending on space availability.
- Half-hour lessons are numbered 130 - One-hour lessons are numbered 160.

Registration Process

- Students requesting Eastman lessons for the first time must obtain an audition form from the College Music Department-- Todd 207. The student will be informed of the appropriate Eastman auditioner's name, phone number and the date, time and place of the audition.
- The audition will be the basis for placing students in a doctoral studio, class instruction, or in exceptional cases, with Eastman faculty.
- A student auditioning below the intermediate level will not be eligible for collegiate instruction. He/she may be recommended to the Community Education Division at Eastman for non-credit lessons
- The audition form will serve as the registration form for FIRST TIME STUDENTS who pass the required audition.
- Students taking half-hour lessons during the fall semester should pre-register for the spring semester during the appropriate pre-registration period.
- Students re-registering for fall half-hour lessons should pre-register during the spring semester for "UR STAFF" instruction. Students will be informed of their TA assignment prior to the start of fall lessons.

Student Responsibilities

- The Eastman auditioner will inform the student of the name and phone number of the teaching assistant (TA) to whom he/she is assigned. The student must contact the TA as soon as possible to arrange for a mutually agreeable weekly lesson time so that lessons may begin as soon as possible in the semester.

Eastman School of Music Course Schedule FALL 2007

crn	subject	course	title	credit	days1	time	location	instructor	restr
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Arts Leadership Curriculum

The Catherine Filene Shouse Arts Leadership Program Curriculum offers 7-week, half-semester courses and whole-semester courses on a variety of career-related topics relevant to professional musicians and music educators. ALP courses are open to all current graduate students and undergraduate seniors, juniors and sophomores. Students participating in the Undergraduate and Graduate Certificate Programs have preference in registering for these courses. Freshmen can register for these courses only with the permission of their advisor and the Operations Manager of the Arts Leadership Program. ALP Certificate Requirements: Please see web at www.rochester.edu/eastman/iml/ALRequirements.html

Full Semester: Wednesday, September 5 - Tuesday, December 21

	Monday Classes	Tuesday Classes	Wed/Thurs/Fri. Classes
Early Fall:	9/10 - 10/29	9/11 - 10/30	9/5 - 10/19
Late Fall:	11/5 - 12/17	11/6 - 12/18	10/24 - 12/14

11489	6ALC	211K	ARTS MEDIA & PROMOTION	1.0	R	1700	1900	ESM	305	Brondyke A
11658	6ALC	411K	ARTS MEDIA & PROMOTION	1.0	R	1700	1900	ESM	305	Brondyke A

ARTS MEDIA AND PROMOTION: "PERFECTING & PITCHING YOUR MESSAGE"

Kauffman Entrepreneurial cluster course

Half-semester Early Fall (9/5-10/25) Enrollment Limit: 12

Whether your career path leads you to a string quartet, a jazz trio, the opera stage, or a major orchestra, you'll need to know how to inform potential audiences about you and your performances. In this course, you'll explore the fundamentals of public relations, promotion, and advertising as they relate to a musician. Learn how to write an effective news release, construct a bio, assemble a press kit, create a promotional plan, and work with the print and broadcast media. Guests will include members of the local media and other public relations professionals. (Students who take this class should also consider ALC 240 - "THE MUSICIANS GUIDE TO ONLINE SELF-PROMOTION".)

Amy Brondyke, Director of Marketing & Public Relations for the Rochester Philharmonic Orchestra, is responsible for positioning the Orchestra and its events through marketing, advertising and media relations. A graduate of DePauw University, she worked for the Tulsa Philharmonic, Alabama Symphony, Grand Rapids Symphony and Memphis Symphony before joining the RPO staff in 2000.

11504	6ALC	211K	INDIVIDUAL GRANT SEEKING	1.0	M	1035	1225	MC	320	Schwartz R
11660	6ALC	411K	INDIVIDUAL GRANT SEEKING	1.0	M	1035	1225	MC	320	Schwartz R

INDIVIDUAL GRANTSEEKING

Half-semester Late Fall (11/5-12/17) Enrollment Limit: 15

Are you determined but ill equipped to find funding to support your education or a particular project? Structured for individuals not affiliated with non profits, such as students, musicians and researchers, this grant-writing course teaches you how to compile a reliable and current list of prospective funders and to structure compelling proposals, both of which will strengthen your capacity to support your studies and your work.

Roberta Schwartz is a professional writer, editor, and art historian, Roberta M. Schwartz has taught grant-writing for the Eastman School of Music and professional writing for Well-Read, a firm specializing in the development of writing, speaking, and listening skills for business people. Since 1996, she has built a grant-writing business; the Persuasive Pen provides research, writing, and advocacy for nonprofit organizations. She has also taught art and architectural history at Hunter College, the University of Rochester, Syracuse University, St. John Fisher College, and Nazareth College.

11510	6ALC	212K	CAREER SKILLS FOR THE 21ST C	2.0	F	1235	1425	NSL	404	Daly A	D
11671	6ALC	412K	CAREER SKILLS FOR THE 21ST C	2.0	F	1235	1425	NSL	404	Daly A	D

CAREER SKILLS FOR THE 21ST CENTURY - From Interviewing to Internet to Networking to Working

Kauffman Entrepreneurial cluster course

Full Semester Enrollment Limit: 20

It's never too early to start thinking about your career, but how do you get started on your career path? This career skills course focuses not only on the "nuts and bolts" of getting a job, but helps to give you some of the skills needed for creating your own career. It will include a combination of lectures on specific career paths with guest lecturers and projects designed to prepare students for life after Eastman. Students will craft resumes, cover letters, bios and press releases, use the Internet as a career development tool, and develop fundraising projects and awareness. It will also help to identify today's job market, assist with fundamental job skills such as networking and interviewing, and explore financial management and planning. Additionally, the course will focus on some of the typical and non-typical career paths that Eastman graduates have pursued and will offer individualized advising to graduating students to assist them in meeting their immediate career objectives. RESTRICTED TO SENIORS AND GRADUATE STUDENTS ONLY.

Adrian Daly is the Associate Dean of Admissions & Retention at the Eastman School. He received his DMA in piano performance from Eastman, is a Fulbright scholar, and teaches as an Associate in the Eastman Community Music School.

11528	6ALC	221	HOW TO MANAGE ARTS CAREER	1.0	M	1800	2000	ESM	209	Hildebrandt N
11685	6ALC	421	HOW TO MANAGE ARTS CAREER	1.0	M	1800	2000	ESM	209	Hildebrandt N

HOW TO MANAGE YOUR ARTS CAREER: PROBLEM SOLVING IN THE ARTS

Half-Semester Early Fall (9/10-10/29) Enrollment Limit: 15

This course will help you work well with others, be they students, parents, faculty, trustees, donors or colleagues. You'll learn how to plot your course by gaining the coping and relationship skills necessary to successfully solve problems and plan for success. Communication is key; and you'll experience - through role playing and developing creative scenarios - how to deal with a wide variety of constituencies.

Nan Hildebrandt has over 15 years of executive level experience in arts management. She currently serves as Executive Director of Geva Theatre Center. Prior to joining the staff at Geva Nan was CEO of the Jacksonville (FL) Symphony Orchestra, President & CEO of the Rochester Philharmonic Orchestra and Artistic Administrator for the Louisville Orchestra (KY). Nan has been a National Endowment for the Arts review panelist; has been Project Director for a highly acclaimed international music festival; has served as host for NPR affiliate classical music radio programs; and has been a frequent speaker on arts/education programming at national conferences. She also served as project director for Louisville Orchestra recordings on the First Edition/Albany Records label. Nan has a BA in Flute Performance from Colorado State University and did her MA and doctoral course work in Music Theory at the University of Connecticut.

11532	6ALC	221	OPPORTUNITIES STUDIO TEACHIN	1.0	R	0935	1125	ESM	209	Cahn R
11692	6ALC	421	OPPORTUNITIES STUDIO TEACHIN	1.0	R	0935	1125	ESM	209	Cahn R

THE JOYS & OPPORTUNITIES OF STUDIO TEACHING

Half-semester Early Fall (9/5 - 10/19) Enrollment Limit: 15

Many if not most musicians find that teaching is one of their essential career components. Join the Senior Instructors from Eastman's Community Music School for an in depth view of the enormous opportunities in studio teaching. Are there unique advantages/responsibilities for the teacher in: maintaining an independent studio, teaching at a music store or affiliating with a University or Community Music school? How do these choices influence the learning environment and opportunities for your students? What strategies are effective in motivating your students and deepening both their performance skills and enjoyment of music? Our goal is to help you become a most creative and effective teacher by sharing our experiences, strategies and "joy of teaching".

Ruth Cahn is the Summer Session Director for the Eastman School of Music and has been a member of the Eastman Community Music School for 28 years. Formerly, she was a full time member of the Rochester Philharmonic Orchestra for 32 years. She has also served as Artist in Residence for the City School District and has chaired the national Education Committee for the Percussive Arts Society. The course will include additional guests from among the Jack Frank Instructors of the ECMS.

11549	6ALC	221K	LEADERSHIP ISSUES IN MUSIC	1.0	T	1545	1745	MC	320	Rossi J
11701	6ALC	421K	LEADERSHIP ISSUES IN MUSIC	1.0	T	1545	1745	MC	320	Rossi J

LEADERSHIP ISSUES IN MUSIC (formerly TRENDS IN AMERICAN MUSIC PRESENTATION & TEACHING)

Arts Leadership Basic Certificate Core Course Keystone Course Leadership & Administration Kauffman Entrepreneurial cluster course

Half-semester Early Spring (9/11 - 10/30) Enrollment Limit: 15

This course will provide an understanding of what drives trends in professional performance and teaching in North America, and proposes ways in which young professional musicians can exercise leadership in shaping these trends to insure a healthy and productive musical future.

Jamal Rossi, Interim Dean of the Eastman School of Music.

crn	subject	course	title	credit	days1	time	location	instructor	restr
11555	6ALC	222	PREPARE FUTURE MUSIC FACULTY	2.0	T	1235 1425	ET	412 Conkling S	
11716	6ALC	422	PREPARE FUTURE MUSIC FACULTY	2.0	T	1235 1425	ET	412 Conkling S	

PREPARING FUTURE MUSIC FACULTY

Full Semester Enrollment Limit: 15

Is musical talent all you need to teach music well? For those graduate students who plan to teach in a college or community music school, even on a part-time basis, this course will help you answer that question. During the course, you will learn to develop a teaching portfolio that complements your performance portfolio and explore how to effectively assess your students' prior musical knowledge and experience, organize music content for learning, clearly communicate expectations to your students, and talk about teaching with colleagues and administrators. Cross Listed as MUE 504/66580. RESTRICTED TO GRADUATE STUDENTS ONLY. Graduate students wishing to take for ALC credit should still sign up for 200 level.) Core course for Certificate in College/Community Teaching.

Susan Wharton Conkling, a Carnegie Scholar in the Pew National Fellowship Program, has also been a guest conductor for numerous regional and all-state choirs throughout the United States. She has made national and international presentations and published scholarship on the professional development of musicians and music educators as well as on choral conducting and rehearsal techniques.

11576	6ALC	231K	MUSIC OUTREACH	1.0	W	1035 1125	MC	320 Mancini D	
11738	6ALC	431K	MUSIC OUTREACH	1.0	W	1035 1125	MC	320 Mancini D	

MUSIC OUTREACH: PERFORMANCE, MASTER CLASSES, AND MUSIC APPRECIATION

Kauffman Entrepreneurial cluster course

Full Semester Enrollment Limit: 12

This class is designed to give hands on experience in presenting music to young people. It will consist of 14 hours, with the first 6 sessions comprised of instruction in how to present an effective master class, lecture recital, and class for elementary school students. These 6 sessions will take place at ESM during a regularly scheduled class time. Each student is required to do 3 community presentations; this will count for 3 classes. In lieu of the 4 remaining classes, Dave Mancini will schedule individual mentoring or coaching sessions, to help students prepare their required presentations. These sessions do not have to take place during the Wednesday morning class time. They will be scheduled at times that are convenient for both the student and instructor. For students who have little or no experience with music outreach, Dave Mancini will assist with their presentations until they feel confident enough to present on their own. After completion of the presentations, a final class at Eastman will summarize the course, share experiences, and discuss how each of the students can continue to fine tune and improve their presentations.

Dave Mancini is a graduate of the Eastman School of Music where he also was awarded the Performer's Certificate. Dave is founder and president of We Love Kids, Inc., an outreach program for kids. As a percussionist, he has performed as a guest artist with numerous symphony orchestras; toured with the likes of Doc Severinson, Maynard Ferguson and Chuck Mangione; and given master classes at schools and colleges throughout the U.S. Dave is an artist/clinician for the Avedis Zildjian Cymbal Company, Vic Firth, Inc., and the Yamaha Corporation of America.

93921	6ALC	232	WIN AN ORCHESTRAL AUDITION	2.0	R	1435 1625	ESM	305 Dilutis R	
93939	6ALC	432	WIN AN ORCHESTRAL AUDITION	2.0	R	1435 1625	ESM	305 Dilutis R	

HOW TO WIN AN ORCHESTRAL AUDITION

Full Semester Enrollment Limit: 15

Master the techniques needed to win an orchestral audition. This is an audition training program for orchestral instruments involving intensive practice and preparation. Classes include live mock auditions, taped auditions, mental toughness training and resume evaluations.

Robert DiLutis is a graduate of the Juilliard School of Music and is a leading authority on orchestral auditions. As a clinician for Buffet Crampon International he has presented hundreds of clinics and seminars for both teachers and students around the world. His recent presentations have included the New England Conservatory of Music, Boston University, United States Air Force Band and the New York State Music Educators Convention. Mr. DiLutis has been a member of the Rochester Philharmonic Orchestra since 1996.

11587	6ALC	241	REALITIES OF ORCHESTRAL LIFE	1.0	T	1545 1745	MC	320 Angus D	
11740	6ALC	441	REALITIES OF ORCHESTRAL LIFE	1.0	T	1545 1745	MC	320 Angus D	

REALITIES OF ORCHESTRAL LIFE

Keystone Course Contemporary Orchestral Issues

Half-semester Late Fall (11/6 - 12/18) Enrollment Limit: 15

Students preparing for careers as orchestral musicians seem fully aware of the steps and preparation necessary to eventually win an audition, but a successful audition is merely the introduction to the Realities of Orchestral Life. This seven-week course will help familiarize interested students with issues and roles of the union, ICSOM, music director, management, board, committees, audition process, attitudes and musician dynamics. The first half of the course will discuss current practices of regional, mid-size and big 5 orchestras, while the second half will explore changing attitudes and ways musicians can be more pro-active in shaping their workplace. Guest speakers who are currently active in the symphonic world will highlight the course.

David Angus has played horn for the RPO since 1973 and is President of the Rochester Musician's Association, Local #86.

11593	6ALC	241	ARTISTIC DECISION MAKING	1.0	T	1745 1945	NSL	404 Decker R	
11752	6ALC	441	ARTISTIC DECISION MAKING	1.0	T	1745 1945	NSL	404 Decker R	

ARTISTIC DECISION MAKING

Half-semester Early Fall (9/11 - 10/30) Enrollment Limit: 16

This course will provide an understanding of the artistic decision making process when programming concerts and concert series, and the challenges of balancing artistic initiatives with fiscal responsibility. Utilizing the orchestra as a model and working through scenarios and case studies, participants will learn about budgeting, contracting guest artists, programming, and other important components of artistic planning. The concepts and skills taught in this course are essential and applicable to any artistic planning, from a single recital, a festival, or an entire season of concerts.

Richard Decker, has been General Manager with the Syracuse Symphony Orchestra since 1990, responsible for overall operations, artistic administration and education. Prior to that he was a member of the SSO horn section for 15 years. He has a BM degree from the Eastman School of Music with a Performer's Certificate and a MM from Catholic University of America. He has served as National Secretary for ICSOM, newsletter editor for the International Horn Society, and held several staff positions with the SSO prior to his appointment as General Manager.

11609	6ALC	251	KEYS TO HEALTHY MUSIC	1.0	T	1335 1525	OSL	101 Callan-Harris	
11769	6ALC	451	KEYS TO HEALTHY MUSIC	1.0	T	1335 1525	OSL	101 Callan-Harris	

KEYS TO HEALTHY MUSIC

Full-semester Enrollment Limit: 25

Please note that this course will be graded on a Credit/No Credit basis. This course is designed to provide effective strategies for prevention of performance-related injuries as well as performance enhancement. Students will learn relevant anatomy and physiology, as well as the ergonomics of music. The risk factors for injuries specific to musicians will be explored. Exercises and practices that promote healthy posture and performance will be presented in a lab-type format. Complimentary services, such as massage, Feldenkrais, Mensendieck, Alexander and Yoga will be presented with guest lecturers. The goal of the course is to empower students to develop behaviors that will allow them to pursue their studies without interruption due to pain or injury. The same course is offered in the Spring and Fall semesters. Students who enroll in the course should come prepared to participate in movement exercises.

Susanne Callan-Harris, M.S., P.T. is the chief Physical Therapist for University Health Services and specializes in Performing Arts Medicine.

Applied Music Lessons (All teacher assignments must be pre-approved by the Dean of Academic Affairs.)

Fall 2007

Undergraduate: 130: 1/2 hr-2 cr, 160: 1 hr-4 cr Graduate: 430: 1/2 hr-2 cr, 460: 1 hr-3 cr MM-DMA PRL: 430A: 1/2 hr-2.5 cr, 460A: 1 hr-5 cr**Accompanying****Accompanying 6ACM**

	crse.	130	160	430	460	430A	460A
BARR J							10336

Lessons-Jazz Dept.**Jazz (various Instruments) 6JAZ**

	crse.	130	160	430	460	430A	460A
CAMPBELL bass			56428		56536		56650
CARAMIA piano							56642
DANKO H piano			56487		56589		56621
HOFMANN piano	56410	56461					
JENKINS C trumpet		56493		56520			56615
KELLOGG trombone		56455		56563			56607
RICKER R saxophon							56591
SNEIDER guitar	56366	56432					
THOMPSON drumset		56476		56572			56639
WEISKOPF saxophon		56449		56554			

Lessons-Keyboard Dept.**Harpichord 6HPC**

	crse.	130	160	430	460	430A	460A
PORTER		54837		54871			54892

Organ 6ORG

	crse.	130	160	430	460	430A	460A
DAVIDSSO			71965				72042
HIGGS D			71978				72050
PORTER			71951				72068
STAFF K		71917		71980			

Piano 6PA

	crse.	130	160	430	460	430A	460A
ANTONOV			72126				72418
CARAMIA			72134				
HUMPHER			72151				72472
LENTI V			72165		72386		
PENNEYS			72178				72436
SCHUMAC			72180				72447
SNYDER B			72199				72454
STAFF K		72073		72241			
TRUE N			72235				72463

Lessons-String, Harp & Guitar Dept.**Double Bass 6DBL**

	crse.	130	160	430	460	430A	460A
STAFF K		37754					

VANDEMA		37763					37772
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Guitar 6GTR

	crse.	130	160	430	460	430A	460A
GOLUSES			52579				52604
STAFF K		52566		52582			

Harp 6HRP

	crse.	130	160	430	460	430A	460A
BRIDE K			54984				55004
STAFF K		54973		54996			

Lute 6LUT

	crse.	130	160	430	460	430A	460A
ODETTE P							58555
STAFF K		58532		58549			

Viola 6VLA

	crse.	130	160	430	460	430A	460A
GRAHAM J			90287				90350
STAFF K		90255		90321			
TAYLOR G			90293				90368
YING P			90315				90373

Violin 6VLN

	crse.	130	160	430	460	430A	460A
BLAKESLE			90451				90611
CASTLEM			90465				90625
KOPELMA			90478				90633
KRYSA O			90480				90644
STAFF K		90384		90527			
YING T			90501				90657
ZEITLIN Z			90516				90666

Violoncello 6VCL

	crse.	130	160	430	460	430A	460A
DOANE S			90145				90228
HARRIS A			90159				90232
STAFF K		90108		90190			
YING D			90177				90249

Lessons-Voice Dept.**Voice 6VCE**

	crse.	130	160	430	460	430A	460A
COWDRIC			89807				90030
HAAS C			89815				90048
HOLVIK K			89821				90056
MCIVER R			89839				90067
SHANE R			89873				90075
STAFF K		89728		89923			

Applied Music Lessons (All teacher assignments must be pre-approved by the Dean of Academic Affairs.)

Fall 2007

Undergraduate: 130: 1/2 hr-2 cr, 160: 1 hr-4 cr **Graduate:** 430: 1/2 hr-2 cr, 460: 1 hr-3 cr **MM-DMA PRL:** 430A: 1/2 hr-2.5 cr, 460A: 1 hr-5 cr

SWENSEN	89896	90081
WEBBER C	89909	90094

WEISKOPF	87199
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Lessons-Wind, Brass, Perc. Dept.**Bassoon 6BSN**

crse.	130	160	430	460	430A	460A
HUNT J		21871				21892
STAFF K	21858		21885			

Clarinet 6CL

crse.	130	160	430	460	430A	460A
GRANT K		31922				31988
MANASSE		31935				31997
STAFF K	31891		31953			

Euphonium 6EUP

crse.	130	160	430	460	430A	460A
KELLOGG		49476				49493
STAFF K	49461		49487			

Flute 6FL

crse.	130	160	430	460	430A	460A
BOYD B		49787				49827
HARROW		49775				
STAFF K	49730		49781			

Horn 6HRN

crse.	130	160	430	460	430A	460A
KURAU W		54915				54950

note: 6HRN 290 54939 = Natural Horn Studies

note: 6HRN 490 54968 = Natural Horn Studies

STAFF K	54907		54942			
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Oboe 6OB

crse.	130	160	430	460	430A	460A
KILLMER R		69817				69843

note: 6OB 290 69826 = Baroque Oboe Studies

STAFF K	69802		69834			
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Percussion 6PRC

crse.	130	160	430	460	430A	460A
BECK J		80577				80605
STAFF K	80582		80586			

Piccolo 6PIC

crse.	130	160	430	460	430A	460A
HARROW		79148		79156		

Saxophone 6SAX

crse.	130	160	430	460	430A	460A
LIN C		87134				87178
RICKER R						87180
STAFF K	87096		87143			

Trombone 6TBN

crse.	130	160	430	460	430A	460A
KELLOGG		88511				88557
MARCELL		88525				88566
STAFF K	88496		88533			

Trumpet 6TPT

crse.	130	160	430	460	430A	460A
PROSSER		89652				
STAFF K	89627		89674			
THOMPSON		89669				89704

Tuba 6TBA

crse.	130	160	430	460	430A	460A
HARRY D		88468				88484
STAFF K	88450		88473			

SCHOOL OF MEDICINE AND DENTISTRY

Fall of 2007

COURSE REF. NO. DEPT. CREDIT DEGREE FROM TO INSTRUCTOR RES AUDIT
 COURSE NUMBER COURSE TITLE HOURS DAYS

NEUROBIOLOGY AND ANATOMY

11856 7ANA 391	READING COURSE IN ANATOMY	00.0	TBA						GJ
11867 7ANA 395	RESEARCH IN ANATOMY	00.0	TBA						GJ
11881 7ANA 491	MASTER'S READINGS	00.0	TBA						
11894 7ANA 493	SPECIAL TOPICS	00.0	TBA						GJ
11911 7ANA 495	MASTERS RESEARCH	00.0	TBA						
11982 7ANA 511	CELL & MOLECULAR FOUNDATIONS CROSS-LISTED: 19996 4BME 511	04.0	MWF	1100	1150			LUEBKE A	
11998 7ANA 512	CELLULAR NEUROSCIENCE	06.0	TR	0930	1230			SHRAGER P	
	CROSS-LISTED: 68003 7NSC 512		F	1300	1600				
12001 7ANA 521	JOURNAL CLUB	01.0	TBA					OLSCHOWKA J	
12016 7ANA 522	SEMINAR	01.0	TBA					BOWERS W MAJEWSKA A	
12027 7ANA 525	MIND, BRIAN, BEHAVIOR STARTS 9/14/07 TO 12/21/07	08.0	MTWRF	0800	1200			JOZEFOWICZ R	Q
12038 7ANA 526	HUMAN STRUCTURE AND FUNCTION	16.0	TBA					DAVIS B	A
12040 7ANA 581	TEACHING TUTORIAL	04.0	TBA					OLSCHOWKA J	
12052 7ANA 581	TEACHNG TUTORIAL	04.0	TBA					DAVIS B	Q
12069 7ANA 583	TEACHING TUTORIAL MBB	03.0	TBA						A
12074 7ANA 591	PHD READINGS	00.0	TBA						
12314 7ANA 899	MASTER'S DISSERTATION	00.0	TBA						
12337 7ANA 985	LEAVE OF ABSENCE	00.0	TBA						
12346 7ANA 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA						
12358 7ANA 999	DOCTORAL DISSERTATION	00.0	TBA						

BIOCHEMISTRY

14232 7BCH 390	INDEPENDENT STUDY	00.0	TBA						GJ
14255 7BCH 391	READING COURSE IN BCH	00.0	TBA						GJ
14276 7BCH 391W	INDEPENDENT STUDY	00.0	TBA						GJ
14293 7BCH 393	SPECIAL PROBLEMS IN BCH	00.0	TBA						GJ
14315 7BCH 395	RESEARCH IN BCH	00.0	TBA						GJ
14611 7BCH 395W	RESEARCH IN BCH	00.0	TBA						
14679 7BCH 491	MASTER'S READINGS	00.0	TBA						
14682 7BCH 493	MASTER'S ESSAY	00.0	TBA						
14698 7BCH 495	MASTER'S RESEARCH	00.0	TBA						
14737 7BCH 501	BIOCHEMISTRY SEMINAR	01.0	T	1300	1400			PHIZICKY E	
14746 7BCH 515	CRITICAL THINKING IN RES SCI	01.0	F	1530	1700			MAQUAT L	
14758 7BCH 517	CELL & MOLECULAR SCIENCES	01.0	TBA						
14760 7BCH 591	PHD READINGS	00.0	TBA						
14785 7BCH 593	SPECIAL TOPICS	00.0	TBA						
14805 7BCH 595	PHD RESEARCH	00.0	TBA						
15412 7BCH 895	CONT OF MASTER'S ENROLLMENT	00.0	TBA						
15429 7BCH 899	MASTER'S DISSERTATION	00.0	TBA						
15448 7BCH 985	LEAVE OF ABSENCE	00.0	TBA						
15456 7BCH 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA						
15467 7BCH 999	DOCTORAL DISSERTATION	00.0	TBA						

BIOPHYSICS

20972 7BPH 391	READINGS IN BPH	00.0	TBA						AJ
20991 7BPH 393	SENIOR PROJECT	00.0	TBA						A
21000 7BPH 395	RESEARCH IN BIOPHYSICS	00.0	TBA						A
21025 7BPH 402	MATH METHODS OF PSO & MED	03.0	TBA					SIMON W	
21033 7BPH 403	MATH FOR MOLECULAR BPH	03.0	TBA					SIMON W	
21044 7BPH 408	MATH METHODS OF BPH	04.0	TBA					SIMON W	
21082 7BPH 571	BIOPHYSICS SEMINAR	01.0	T	1300	1400			PHIZICKY E	
21098 7BPH 573	RESEARCH REVIEW PAPER	01.0	TBA						
21104 7BPH 574	SPECIALTY SEMINAR	00.0	TBA						
21110 7BPH 591	PHD READINGS	00.0	TBA						
21187 7BPH 592	SPECIAL TOPICS IN BPH	00.0	TBA						
21231 7BPH 595	PHD RESEARCH	00.0	TBA						
21580 7BPH 895	CONT OF MASTER'S ENROLLMENT	00.0	TBA						
21599 7BPH 985	LEAVE OF ABSENCE	00.0	TBA						
21603 7BPH 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA						
21612 7BPH 997	DOCTORAL DISSERTATION	00.0	TBA						
21630 7BPH 999	DOCTORAL DISSERTATION	00.0	TBA						

MEDICINE & DENTISTRY

SCHOOL OF MEDICINE AND DENTISTRY Continued

COURSE REF. NO.

DEPT.	CREDIT	COURSE TITLE	HOURS	DAYS	DEGREE FROM	DEGREE TO	INSTRUCTOR	RES	AUDIT
COURSE NUMBER									
BIostatistics									
21907	7BST 401	PROBABILITY THEORY	04.0	TBA					
93044	7BST 402	THRY OF PROBABILITY&STOCHAST	04.0	TBA					
21915	7BST 411	STATISTICAL INFERENCE	04.0	TR	0940	1055	WU H		
21939	7BST 421	SAMPLING TECHNIQUES CROSS-LISTED: 88223 1STT 221W	04.0	TR	1230	1345			
21942	7BST 463	INTRO TO BIOSTATISTICS	04.0	TBA					H
21950	7BST 464	APPLIED LINEAR REGRESSION	04.0	TBA					H
21968	7BST 470	INTERNSHIP/APPLIED PROJECT	08.0	TBA					
93057	7BST 479	STT MODELLING TECH	04.0	TBA					
21984	7BST 491	MASTERS READING	00.0	TBA					
21996	7BST 495	MASTERS RESEARCH	00.0	TBA					
22005	7BST 497	SEMINAR IN STAT LIT	01.0	TBA					
22047	7BST 590	SUPERVISED TEACHING	00.0	TBA					
22107	7BST 591	PHD READINGS	00.0	TBA					
22252	7BST 592	STT CONSULTING	00.0	TBA					
22330	7BST 595	PHD RESEARCH	00.0	TBA					
22523	7BST 895	CONT OF MASTER'S ENROLLMENT	00.0	TBA					
22537	7BST 899	MASTER'S DISSERTATION	00.0	TBA					
22546	7BST 985	LEAVE OF ABSENCE	00.0	TBA					
22558	7BST 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA					
22560	7BST 997	DOCTORAL DISSERTATION	00.0	TBA					
22585	7BST 999	DOCTORAL DISSERTATION	00.0	TBA					
DENTISTRY									
37789	7DEN 895	CONTINUATION OF ENROLLMENT	00.0	TBA					
GENETIC									
51531	7GEN 503	GENETICS SEMINAR	01.0	R	1330	1500	BOHMANN D		
51545	7GEN 507	ADVANCED GENETICS CROSS-LISTED: 28412 4CHE 507	04.0	TR	0940	1055	LI W		
51559	7GEN 510	INTERNSHIP	01.0	TBA			BOHMANN D		
51562	7GEN 595	PHD RESEARCH	00.0	TBA					
51866	7GEN 895	CONT OF DOCTORAL ENROLLMENT	00.0	TBA					
51879	7GEN 985	LEAVE OF ABSENCE	00.0	TBA					
51882	7GEN 999	DOCTORAL DISSERTATION	00.0	TBA					
INTERDEPARTMENTAL									
55093	7IND 391	READING COURSE IN IND	04.0	TBA					GJ
55327	7IND 392	SPECIAL PROJECTS	04.0	TBA					GJ
55352	7IND 393	SENIOR PROJECT	00.0	TBA					GJ
55395	7IND 394	INTERNSHIP	00.0	TBA					GJ
55466	7IND 395	RESEARCH IN IND	04.0	TBA					GJ
55819	7IND 395W	RESEARCH IN IND	04.0	TBA					GJ
55888	7IND 397	SENIOR SCHOLARS RESEARCH	16.0	TBA					GJ
55905	7IND 408	ADVANCED BIOCHEMISTRY	05.0	MWF	0830	0950	DUMONT M		
				WR	1700	1800			
55918	7IND 409	CELL BIOLOGY	04.0	MWF	1000	1050	FUJIWARA K		
				R	1600	1700			
55920	7IND 413	CLARITY & CONCISION IN WRIT	01.0	M	1700	1830	BHARADWAJ V		
55936	7IND 501	ETHICS & PROF INTEGRITY	01.0	T	1600	1800	PEARCE D		
55947	7IND 503	ETHICS & PROF INTEG CLIN	01.0	T	1600	1800	CHADWICK G		
55954	7IND 512	SEMINAR SERIES	01.0	TBA					
55963	7IND 560	SPECIALTY SEMINAR	01.0	TBA					
55972	7IND 581	ADOLESCENT HEALTH: LEAH J CROSS-LISTED: 69330 8NUR 481	04.0	M	0900	1200	KREIPE R		A
55989	7IND 583	SEM IN PED HLTH RES: MTHS&ADV	02.0	W	1000	1130	ATEN M		
55991	7IND 591	PHD READINGS	00.0	TBA					
56014	7IND 593	SPECIAL TOPICS	00.0	TBA					
56037	7IND 595	PHD RESEARCH	00.0	TBA					
56058	7IND 985	LEAVE OF ABSENCE	00.0	TBA					

SCHOOL OF MEDICINE AND DENTISTRY Continued

COURSE REF. NO.

COURSE REF. NO.	DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
MICROBIOLOGY										
58561	7MBI	220		INTRO TO MICROBIOLOGY	04.0	MWF	1000 1050	MANILOFF J		
58576	7MBI	221W		MICROBIOLOGY LAB	04.0	TR	1400 1700	COURTNEY M		
58587	7MBI	391		READING COURSE IN MBI	00.0	TBA				
58614	7MBI	395		RESEARCH IN MBI	00.0	TBA				
58875	7MBI	395W		RESEARCH IN MBI	00.0	TBA				
58966	7MBI	473		IMMUNOLOGY	03.0	TR W	0940 1055 1300 1400	BARTH R		
58979	7MBI	491		MASTER'S READINGS	00.0	TBA				
59003	7MBI	493		MASTER'S ESSAY	00.0	TBA				
59075	7MBI	495		MASTER'S RESEARCH	00.0	TBA				
59228	7MBI	501		MBI SEMINAR SERIES	01.0	R	1200 1300	BARTH R		
59232	7MBI	507		GRAD MBI LAB ROTATIONS	00.0	TBA		LORD E		
59255	7MBI	570		MOLECULAR BIOLOGY SEMINAR	01.0	F	1100 1200	PAVELKA M		
59261	7MBI	573		IMMUNOLOGY SEMINAR	02.0	T	1100 1230	LORD E		
59276	7MBI	580		IMMUNOLOGY RES IN PROG SEM	01.0	F	0830 0930	TOPHAM D		
93033	7MBI	581		ORAL MICROBIOLOGY	02.0	TBA				
59287	7MBI	588		VIROLOGY RESEARCH SEMINAR	01.0	F	1600 1700	MAGGIRWAR S		
59293	7MBI	589		ADV TOPIC IN VIROLOGY	01.0	F	1400 1500	MAGGIRWAR S		
59307	7MBI	591		PHD READINGS	00.0	TBA				
59350	7MBI	593		SPECIAL TOPICS	04.0	TBA				
59396	7MBI	595		PHD RESEARCH	00.0	TBA				
60046	7MBI	895		CONT OF MASTER'S ENROLLMENT	00.0	TBA				
60058	7MBI	899		MASTER'S DISSERTATION	00.0	TBA				
60092	7MBI	985		LEAVE OF ABSENCE	00.0	TBA				
60106	7MBI	995		CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
60119	7MBI	999		DOCTORAL DISSERTATION	00.0	TBA				
NEUROSCIENCE										
67598	7NSC	391		READING COURSE IN NEUROSCIEN	00.0	TBA			J	
67628	7NSC	392		SPECIAL PROJECTS	00.0	TBA			J	
67632	7NSC	393		SPECIAL TOPICS	00.0	TBA			J	
67706	7NSC	395		RESEARCH IN NEUROSCIENCE	00.0	TBA			J	
67901	7NSC	395W		RESEARCH IN NEUROSCIENCE	00.0	TBA			G.J	
67938	7NSC	493		MASTER'S ESSAY	00.0	TBA				
67940	7NSC	495		MASTER'S RESEARCH	00.0	TBA				
67995	7NSC	503		NEUROSCIENCE STUDENT SEMINAR	01.0	TBA		BOWERS W MAJEWSKA A		
68003	7NSC	512		CELLULAR NEUROSCIENCE	06.0	TR F	0930 1230 1300 1600	SHRAGER P		
CROSS-LISTED: 11998 7ANA 512										
68012	7NSC	581		TEACHNG TUTORIAL IN NSC	03.0	TBA		NORDEEN E		
68029	7NSC	581		TEACHING TUTORIAL IN NSC	03.0	TBA		O'BANION M		
68030	7NSC	590		LAB ROTATIONS IN NSC	00.0	TBA				
68067	7NSC	591		PHD READINGS	00.0	TBA				
68108	7NSC	592		NEUROSCIENCE JOURNAL CLUB	01.0	W	1600 1730	GIGER R PORTMAN D		
68113	7NSC	595		PHD RESEARCH	00.0	TBA				
68538	7NSC	895		CONT OF MASTER'S ENROLLMENT	00.0	TBA				
68540	7NSC	985		LEAVE OF ABSENCE	00.0	TBA				
68552	7NSC	995		CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
68569	7NSC	999		DOCTORAL DISSERTATION	00.0	TBA				
ORAL BIOLOGY										
71739	7ORB	395		DENTAL RESEARCH	00.0	TBA			G.J	
93066	7ORB	493		ORAL MICROBIOLOGY	02.0	W	1600 1800	QUIVEY R		
71750	7ORB	494		SPECIAL TOPICS	01.0	TBA				
71773	7ORB	495		MASTER'S RESEARCH	00.0	TBA				
94616	7ORB	503		DENTAL SEMINAR SERIES	01.0	F	1230 1330	QUIVEY R		
93082	7ORB	563		PHARMACOLOGY & THERAPEUTICS	01.0	R	0800 0900			
71855	7ORB	580		FUNDAMENTALS OF DENTAL CARIE	01.0	M	1730 1900	BERKOWITZ R		
71861	7ORB	895		CONT OF MASTER'S ENROLLMENT	00.0	TBA				
71876	7ORB	899		MASTER'S DISSERTATION	00.0	TBA				
71887	7ORB	985		LEAVE OF ABSENCE	00.0	TBA				

SCHOOL OF MEDICINE AND DENTISTRY Continued

COURSE REF. NO.

DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
PATHOLOGY									
		84346 7PTH 395	RESEARCH IN PATHOLOGY	00.0	TBA				KJ
		84392 7PTH 491	MASTER'S READINGS	00.0	TBA				
		84406 7PTH 493	SPECIAL TOPICS	04.0	TBA				
		84422 7PTH 495	MASTER'S RESEARCH	00.0	TBA				
		84441 7PTH 504	CURRENT TOPICS EXPERMNTL PTH	01.0	W	1500 1630	MOONEY R		
		84453 7PTH 509	PATHWAYS TO HUMAN DISEASE	04.0	TRF	1300 1430	MOONEY R		
		84464 7PTH 591	PHD READINGS	00.0	TBA				
		93098 7PTH 593	MOL BASIS DISEASE	04.0	TR	1000 1200	DRISSI H		
		84488 7PTH 595	PHD RESEARCH	00.0	TBA				
		84855 7PTH 595	PHD RESEARCH	00.0	TBA				
		84926 7PTH 895	CONT OF MASTER'S ENROLLMENT	00.0	TBA				
		84934 7PTH 899	MASTER'S DISSERTATION	00.0	TBA				
		84965 7PTH 985	LEAVE OF ABSENCE	00.0	TBA				
		84978 7PTH 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
		84980 7PTH 999	DOCTORAL DISSERTATION	00.0	TBA				
PHARMACOLOGY & PHYSIOLOGY									
		74457 7PHP 391	READING COURSE IN PHAR&PHYS	00.0	TBA				
		74479 7PHP 393	SP TOP: PHARMACLGY&PHYSIOLOGY	00.0	TBA				
		74482 7PHP 395	RESEARCH IN PHARM&PHYSIOLOGY	00.0	TBA				
		74521 7PHP 395W	INDEPENDENT RESEARCH	00.0	TBA				
		74542 7PHP 403	CELL & MOLECULAR PHYSIOLOGY	03.0	MWF	1300 1400	BEGENISICHT		
		74550 7PHP 491	MASTER'S READINGS	00.0	TBA				
		74568 7PHP 495	MASTER'S RESEARCH	00.0	TBA				
		74584 7PHP 502	PHM & PSO SEMINAR	01.0	M	1130 1230	YOONY		
		74596 7PHP 530	ADV TOPICS IN PHARMACOLOGY	02.0	TBA				
		74602 7PHP 591	PHD READINGS	00.0	TBA				
		74617 7PHP 593	SPECIAL TOPICS: PHM/PSO	00.0	TBA				
		74626 7PHP 595	PHD RESEARCH	00.0	TBA				
		75106 7PHP 596	LAB ROTATIONS - CMM	00.0	TBA				
		75119 7PHP 895	CONT OF MASTERS ENROLLMENT	00.0	TBA				
		75122 7PHP 899	MASTER'S DISSERTATION	00.0	TBA				
		75135 7PHP 985	LEAVE OF ABSENCE	00.0	TBA				
		75141 7PHP 995	CONT OF DOCT ENROLLMENT	00.0	TBA				
		75153 7PHP 997	DOCTORAL DISSERTATION	00.0	TBA				
		75164 7PHP 999	DOCTORAL DISSERTATION	00.0	TBA				
PREVENTIVE MEDICINE									
		79167 7PM 391	READING COURSE IN PM	00.0	TBA				
		79181 7PM 394	INTERNSHIP	00.0	TBA				
		79209 7PM 395	RESEARCH IN PM	00.0	TBA				
		79223 7PM 407	BIRTH&DEATH I: VIT EV PERLIV CROSS-LISTED: 12581 LANT 218 10043 LAAS 221 90714 IWST 217	04.0	TR	0940 1055	CARTER A		C
		79237 7PM 410	INTRO TO DATA MAN&ANAL/SAS	03.0	W	0900 1150	GUIDO J		
		92994 7PM 414	HISTORY OF EPIDEMIOLOGY	03.0	TBA		ADAMS M		
		79246 7PM 415	PRINCIPLES OF EPIDEMIOLOGY	03.0	T	0930 1200	FISHER S		
					R	0930 1130			
		79258 7PM 416	EPIDEMIOLOGIC METHODS	03.0	TR	1430 1600	FISHER S		
		79260 7PM 417	MOLECULAR EPIDEMIOLOGY	03.0	TR	0930 1100	ADAMS M		
		79271 7PM 419	RECRUITMENT & RETENTION	03.0	F	0930 1030	DOZIER A		
		91824 7PM 420	AMER HEALTH POLICY & POLITICS CROSS-LISTED: 91808 IHIS 305W 91813 IHIS 405	03.0	T	1400 1640	BROWN T		
		79285 7PM 421	INTRO TO US HLTH CARE SYSTEM	03.0	R	1300 1600	TEMKIN-GREENE		
		79292 7PM 422	QUALITY OF CARE&RISK ADJ	03.0	T	0930 1200	NOYES K		
		79305 7PM 426	SOCIAL & BEHAVIORAL MEDICINE	03.0	M	1300 1530	OSSIP-KLEIN D		
		79318 7PM 427	NEURODEV & RELATED DISORDERS	03.0	F	0830 1200	BURNS C		
		79320 7PM 428	HEALTH SERVICES RESEARCH SEM	00.0	F	1200 1330	FRIEDMAN B		
		79347 7PM 445	HEALTH SERVICES RESEARCH	03.0	MW	1030 1200	CRILLY J		
		79354 7PM 447	TECHNOLOGY TRANSFER	00.0	M	1600 1800	HUNTER M		
		79363 7PM 449	WRITING WORKSHOP	00.0	F	0930 1100			
		79372 7PM 460	MASTER'S ESSAY	00.0	TBA		FRIEDMAN B		
		79389 7PM 460	MASTER'S ESSAY	00.0	TBA		FERNANDEZ D		
		79391 7PM 460	MASTER'S ESSAY	00.0	TBA		DOZIER A		
		79407 7PM 460	MASTER'S ESSAY	00.0	TBA		FISHER S		

SCHOOL OF MEDICINE AND DENTISTRY Continued

COURSE REF. NO.

COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
79415 7PM 460	MASTER'S ESSAY	00.0	TBA		CHIN N		
79421 7PM 460	MASTER'S ESSAY	00.0	TBA		KNOX K		
79439 7PM 460	MASTER'S ESSAY	00.0	TBA		TRAFTON S		
79442 7PM 460	MASTER'S ESSAY	00.0	TBA		VANWLJNGAARDE		
79450 7PM 460	MASTER'S ESSAY	00.0	TBA		NOYES E		
79468 7PM 460	MASTER'S ESSAY	00.0	TBA		TEMKIN-GREENE		
79473 7PM 460	MASTER'S ESSAY	00.0	TBA		VEAZIE P		
79484 7PM 460	MASTER'S ESSAY	00.0	TBA		MCINTOSH S		
79496 7PM 460	MASTER'S ESSAY	00.0	TBA		ADAMS M		
79500 7PM 460	MASTER'S ESSAY	00.0	TBA				
79511 7PM 460	MASTER'S ESSAY	00.0	TBA				
79525 7PM 460	MASTER'S ESSAY	00.0	TBA				
79533 7PM 460	MASTER'S ESSAY	00.0	TBA				
79544 7PM 460	MASTER'S ESSAY	00.0	TBA				
79557 7PM 460	MASTER'S ESSAY	00.0	TBA				
79566 7PM 460	MASTER'S ESSAY	00.0	TBA				
79579 7PM 460	MASTER'S ESSAY	00.0	TBA				
79582 7PM 460	MASTER'S ESSAY	00.0	TBA				
79598 7PM 460	MASTER'S ESSAY	00.0	TBA				
79604 7PM 460	MASTER'S ESSAY	00.0	TBA				
79610 7PM 460	MASTER'S ESSAY	00.0	TBA				
79628 7PM 460	MASTER'S ESSAY	00.0	TBA				
79632 7PM 463	INTRO MATHEMATIC STAT PT 1	03.0	TBA		SHIN Y		
79649 7PM 465	APPLIED ADV MULTIVARIATE PT3	03.0	F	1400 1630	VEAZIE P		
79661 7PM 476	RCRC SEMINAR SERJES	00.0	T	1215 1315	PEARSON T		
79676 7PM 477	ADVANCED SAS	03.0	M	1300 1600	WINTERS P		
79687 7PM 482	CLINICAL EVAL & OUTCOME RES	03.0	W	1630 1900	LAVIGNE J		
94627 7PM 486	MEDICAL ECOLOGY	03.0	TBA		MARTINA C		
79693 7PM 494	SPECIAL PROJECTS	00.0	TBA				
79927 7PM 493	MASTERS RESEARCH	00.0	TBA				
79938 7PM 591	PHD READING COURSE	00.0	TBA				
79952 7PM 592	SUPERVISED TEACHING	00.0	TBA				
80006 7PM 593	PHD RESEARCH	00.0	TBA				
80268 7PM 597	INTERNSHIP	01.0	TBA				
80273 7PM 895	CONT OF MASTER'S ENROLLMENT	00.0	TBA				
80284 7PM 899	MASTERS DISSERTATION	00.0	TBA				
80304 7PM 985	LEAVE OF ABSENCE	00.0	TBA				
80310 7PM 995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
80328 7PM 999	DOCTORAL DISSERTATION	00.0	TBA				

PSYCHIATRY

82261 7PSI 401	SEM:FMLY THRY&TECH:EXTRN	03.0	F	0900 1630	WATSON W		
82276 7PSI 403	ADV SEM:FMLY THRY&TECH:SEMIN	03.0	F	0900 1630	WATSON W		
82287 7PSI 407	ADV SEM TRANS FAM THRPY	01.5	F	0900 1300	LEROUX P		
82293 7PSI 411	3.5 HR DIAG & OBSV EXTRNSHP	02.5	T	1330 1700	HORWITZ S		
82307 7PSI 411	3.5 HR DIAG & OBSV EXTRNSHP	02.5	M	1330 1700	WATSON W		
82315 7PSI 411	3.5 HR DIAG & OBSV EXTRNSHP	02.5	W	1430 1800	LEROUX P		
82321 7PSI 411	3.5 HR DIAG & OBSV EXTRNSH	02.5	TBA		SEABURN D		
82339 7PSI 419	SMALL GROUP EXTERNSHIP	02.0	TBA		LEROUX P		
82342 7PSI 419	SMALL GROUP EXTERNSHIP	02.0	TBA		HORWITZ S		
82350 7PSI 419	SMALL GROUP EXTERNSHIP	02.0	TBA		WATSON W		
82368 7PSI 419	SMALL GROUP EXTERNSHIP	02.0	TBA				
82373 7PSI 421	3.5 HOUR GROUP SUPERVISION	05.0	M	1330 1700	WATSON W		
82384 7PSI 421	3.5 HOUR GROUP SUPERVISION	05.0	T	1330 1700	HORWITZ S		
82396 7PSI 421	3.5 HR GROUP SUPERVISION	05.0	TBA				
82402 7PSI 421	INTEG TRANS FAM THRPY	05.0	TBA				
82417 7PSI 421	3.5 HOUR GROUP SUPERVISION	05.0	W	1430 1800	LEROUX P		
82426 7PSI 423	INTRO TO CLINICAL SUPV	02.0	TBA		LEROUX P		A
82434 7PSI 423	SPECIAL TOPICS	02.0	TBA				
82443 7PSI 425	SPECIAL TOPICS: CASE CONSULT	03.0	TBA		WATSON W		
82465 7PSI 425	SPECIAL TOPICS: WEEKLY	03.0	TBA		WATSON W		
82478 7PSI 425	SPECIAL TOPICS:WEEKLY	03.0	TBA		LEROUX P		
82480 7PSI 425	SPECIAL TOPICS:WEEKLY	03.0	TBA				
82499 7PSI 427	APPLYING DIALECTICAL BEHAVR	01.5	TBA		DENNISON L		
82501 7PSI 427	SP TOP:PRINC OF GROUP PSYCHO	01.5	TBA		MARKUS H		
82516 7PSI 427	SP TOP:TRAIN IN GRP PSYCHOTH	01.5	TBA		SMITH S		
82527 7PSI 427	PRIMARY CARE FAMILY THERAPY	01.5	TBA		HORWITZ S		
82538 7PSI 427	SPECIAL TOPICS: BI-WEEKLY	01.5	TBA		SEABURN D		
82540 7PSI 427	SPECIAL TOPICS: BI-WEEKLY	01.5	TBA		LEROUX P		
82552 7PSI 427	SPECIAL TOPICS: BI-WEEKLY	01.5	TBA				

SCHOOL OF MEDICINE AND DENTISTRY Continued

COURSE REF. NO.

DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
82569	7PSI	427	SP TOP:BI-WKLY CASE CONSULT	01.5	TBA				
82574	7PSI	427	SPECIAL TOPICS: BI-WEEKLY	01.5	TBA				
82583	7PSI	429	FAM SYSTEM IN THE WORKPLACE	01.0	TBA		HORWITZ S		
82595	7PSI	429	SPEC TOPCS:MNTHLY(CSE CNSULT)	01.0	TBA		WATSON W		
82600	7PSI	431	SPECIAL EXTERNSHIP	04.0	TBA		HORWITZ S		
82611	7PSI	431	SPECIAL EXTERNSHIP	04.0	TBA		WATSON W		
82625	7PSI	431	SPECIAL EXTERNSHIP	04.0	TBA				
82633	7PSI	451	INDIVIDUAL SUPERVISION	01.5	TBA		LEROUX P		
82644	7PSI	451	INDIVIDUAL SUPERVISION	01.5	TBA		HORWITZ S		
82657	7PSI	451	INDIVIDUAL SUPERVISION	01.5	TBA		NICKELS M		
82666	7PSI	451	INDIVIDUAL SUPERVISION	01.5	TBA		SPEICE J		
82679	7PSI	451	INDIVIDUAL SUPERVISN	01.5	TBA		BENNETT P		
82682	7PSI	451	INDIVIDUAL SUPERVISION	01.5	TBA		DRISCOLL D		
82698	7PSI	451	INDIVIDUAL SUPERVISION	01.5	TBA		ROUSSEAU S		
82709	7PSI	451	INDIVIDUAL SUPERVISION	01.5	TBA		WATSON W		
82714	7PSI	451	INDIVIDUAL SUPERVISN	01.5	TBA		PISANI A		
82723	7PSI	451	INDIVIDUAL SUPERVISION	01.5	TBA		MUNSON S		
93104	7PSI	451	INDIVIDUAL SUPERVISN ADVANCD	01.5	TBA		SEABURN D		
82737	7PSI	453	INDIVIDUAL SUPERVISN ADVANCD	02.0	TBA		HORWITZ S		
82746	7PSI	453	IND SUPERVISION: ADVANCED	02.0	TBA		LEROUX P		
82758	7PSI	453	INDIVIDUAL SUPERVISN ADVANCD	02.0	TBA		SPEICE J		
82760	7PSI	453	INDIVIDUAL SUPERVISN ADVANCD	02.0	TBA		WATSON W		
82771	7PSI	453	INDIVIDUAL SUPERVISN ADVANCD	02.0	TBA		NICKELS M		
82785	7PSI	453	INDIVIDUAL SUPERVISN ADVANCD	02.0	TBA		ROUSSEAU S		
82792	7PSI	453	INDIVIDUAL SUPERVISN ADVANCD	02.0	TBA		BENNETT P		
82805	7PSI	453	INDIVIDUAL SUPERVISN ADVANCD	02.0	TBA		PISANI A		
82818	7PSI	453	INDIVIDUAL SUPERVISN ADVANCD	02.0	TBA		DRISCOLL D		
82820	7PSI	453	INDIVIDUAL SUPERVISN ADVANCD	02.0	TBA		MUNSON S		
82836	7PSI	453	INDIVIDUAL SUPERVISN ADVANCD	02.0	TBA		SEABURN D		
82847	7PSI	459	GRP THERAPY GRP SUPERVISION	01.5	TBA		SULLIVAN J		
82854	7PSI	469	ADV TRN IN GRP PSYCHOTHE SUP	01.5	TBA		SMITH S		
82863	7PSI	481	SUPV OF SUPERVISORS:WKLY	03.0	TBA		LEROUX P		
82872	7PSI	481	SUPV OF SUPERVISORS:WKLY	03.0	TBA		DRISCOLL W		
82889	7PSI	481	SUPV OF SUPERVISORS:WKLY	03.0	TBA		SPEICE J		
82891	7PSI	481	SUPV OF SUPERVISORS:WKLY	03.0	TBA		HORWITZ S		
82906	7PSI	481	SUPV OF SUPERVISORS:WKLY	03.0	TBA		WATSON W		
82919	7PSI	481	SUPV OF SUPERVISORS:WKLY	03.0	TBA		MUNSON S		
82922	7PSI	481	SUPV OF SUPERVISORS:WKLY	03.0	TBA		NICKELS M		
82935	7PSI	481	SUPV OF SUPERVISORS:WKLY	03.0	TBA		BENNETT P		
82941	7PSI	483	SUPV OF SUPERVISORS:WKLY	01.5	TBA		LEROUX P		
82953	7PSI	483	INDIV SUPRVSN FOR SUPV	01.5	TBA		WATSON W		
82964	7PSI	483	INDIV SUPRVSN FOR SUPV	01.5	TBA		SPEICE J		
82970	7PSI	483	INDIV SUPRVSN FOR SUPV	01.5	TBA		HORWITZ S		
82988	7PSI	483	INDIV SUPRVSN FOR SUPV	01.5	TBA		PISANI A		
82997	7PSI	483	INDIV SUPRVSN FOR SUPV	01.5	TBA		DRISCOLL D		
83005	7PSI	483	INDIV SUPRVSN FOR SUPV	01.5	TBA				
83018	7PSI	494	SPECIAL TOPICS	00.0	TBA				
83020	7PSI	539	FAMILY THERAPY,THEORY & TECH	03.0	TBA		LEROUX P		I
83036	7PSI	541	FOUNDATIONS OF CLINICAL PRAC	03.0	TBA		PISANI A		
83047	7PSI	543	PSYCHOPATHOLOGY & SYSTEMS	03.0	TBA		WATSON W		I
83054	7PSI	545	LIFESPAN DEV & INTERGEN PAT	03.0	TBA		PODGORSKI C		I
83063	7PSI	566	COUPLES THERAPY	03.0	TBA		ROSENBERG T		
83072	7PSI	584	MASTERS PROJECT I	01.5	TBA		PISANI A		
83089	7PSI	584	MASTERS PROJECT I	01.5	TBA		LEROUX P		
83091	7PSI	584	MASTERS PROJECT I	01.5	TBA		SPEICE J		
83107	7PSI	584	MASTERS PROJECT I	01.5	TBA		HORWITZ S		
83115	7PSI	584	MASTERS PROJECT I	01.5	TBA		WATSON W		
83121	7PSI	584	MASTERS PROJECT I	01.5	TBA		BENNETT P		
83139	7PSI	584	MASTERS PROJECT I	01.5	TBA		NILSEN W		
83142	7PSI	584	MASTERS PROJECT I	01.5	TBA		PODGORSKI C		
83150	7PSI	584	MASTERS PROJECT I	01.5	TBA		ROUSSEAU S		
83168	7PSI	586	MASTERS PROJECT II	01.5	TBA		PISANI A		
83173	7PSI	586	MASTERS PROJECT II	01.5	TBA		LEROUX P		
83184	7PSI	586	MASTERS PROJECT II	01.5	TBA		SPEICE J		
83196	7PSI	586	MASTERS PROJECT II	01.5	TBA		HORWITZ S		
83201	7PSI	586	MASTERS PROJECT II	01.5	TBA		WATSON W		
83216	7PSI	586	MASTERS PROJECT II	01.5	TBA		BENNETT P		
83227	7PSI	586	MASTERS PROJECT II	01.5	TBA		NILSEN W		
83238	7PSI	586	MASTERS PROJECT II	01.5	TBA		PODGORSKI C		
83240	7PSI	586	MASTERS PROJECT II	01.5	TBA		ROUSSEAU S		
83252	7PSI	587	CLINICAL PRACTICUM - FT	00.0	TBA		LEROUX P		

SCHOOL OF MEDICINE AND DENTISTRY Continued

COURSE REF. NO.

DEPT.	CREDIT	COURSE NUMBER	COURSE TITLE	HOURS	DAYS	DEGREE FROM TO	INSTRUCTOR	RES	AUDIT
83269	7PSI	588	CLINICAL PRACTICUM-PT	00.0	TBA		LEROUX P		
83274	7PSI	589	ADVANCED CLINICAL PRACT	00.0	TBA		HORWITZ S		
83283	7PSI	589	ADVANCED CLINICAL PRACTICUM	00.0	TBA		LEROUX P		
83295	7PSI	589	ADVANCED CLINICAL PRACT	00.0	TBA		WATSON W		
83303	7PSI	589	ADVANCED CLINICAL PRACT	00.0	TBA				
83312	7PSI	594	READING COURSE	03.0	TBA				
83330	7PSI	895	CONT OF MASTERS ENROLLMENT	00.0	TBA				
83348	7PSI	899	MASTER DISSERTATION	00.0	TBA				
83356	7PSI	985	LEAVE OF ABSENCE	00.0	TBA				

RADIOLOGY

85277	7RAD	395	RESEARCH-DIAGNOSTIC RADIOLOG	00.0	TBA				
85290	7RAD	593	SPECIAL TOPICS	00.0	TBA				

TEMPORAMANDIBULAR JOINT DISORDER

89105	7TMI	777	TEMPOROMANDIBULAR JNT DISRDR	12.0	TBA		DICKINSON C		
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TOXICOLOGY

89118	7TOX	493	TOXICOLOGY AND THE WORKPLACE	00.0	TBA				
89120	7TOX	495	MASTER'S RESEARCH	00.0	TBA				
89147	7TOX	522	TOXICOLOGY II	04.0	MWF	0800 0915	MCCABE M		
93149	7TOX	564	PULMONARY TOXICOLOGY	01.0	TBA		FINKELSTEIN J		
89154	7TOX	591	PHD READINGS	00.0	TBA				
93155	7TOX	593	FORENSIC TOX	01.0	TBA		BENITEZ J		
89430	7TOX	895	CONT OF MASTER'S ENROLLMENT	00.0	TBA				
89448	7TOX	899	MASTER'S DISSERTATION	00.0	TBA				
89467	7TOX	985	LEAVE OF ABSENCE	00.0	TBA				
89475	7TOX	995	CONT OF DOCTORAL ENROLLMENT	00.0	TBA				
89481	7TOX	999	DOCTORAL DISSERTATION	00.0	TBA				



School of Medicine and Dentistry

Interdepartmental

Department: Interdepartmental
Course: IND 408
Title: Biochemistry
Instructor: Mark Dumont **Class Size:** 999
Prerequisites: A one semester introductory course in biochemistry, or equivalent.
Restrictions: See course description for specific prerequisites required
Description: This course is designed primarily for graduate students (prerequisite: a one semester introductory course in biochemistry, or equivalent). 80 minute lectures cover selected topics in modern biochemistry including analysis of protein and domain structure by classical and modern methods, including mass spectrometry, NMR, X-ray crystallography, and other biophysical techniques; protein-ligand and protein-protein interactions; enzyme kinetics and catalytic mechanisms; DNA and RNA structure and function; cellular energy production and utilization; and glycobiology. In addition to lectures, workshops are held once a week, during which time selected papers from the literature are discussed

Microbiology

Department: Microbiology
Course: MBI 220
Title: Introduction to Microbiology
Instructor: Maniloff, J. **Class Size:** 55-65
Prerequisites: BIO 110 or 112, BIO 111 or 113, BIO 198, CHM 203 or equivalent
Exams: 2 exams and Final exam
Description: This course provides an introduction to bacteria and viruses. Major topics discussed are: bacterial and viral structure; microbial metabolism, genetics, growth, evolution, diversity and ecology; and microbial interactions with humans, including nonspecific and specific (immune) host defenses and mechanisms of microbial pathogenesis. Three lectures per week with assigned readings from text.

Department: Microbiology
Course: MBI 221W
Title: Microbiology Laboratory
Instructor: Courtney, M.A. **Class Size:** 32
Prerequisites: MBI 220 concurrent or previous
Exams: 3 exams
Coursework: Lab notebook and independent project reported in paper and presented in poster.
Description: This course is designed to accompany MBI 220. It allows the students to have direct experience in handling microorganisms and studying their properties. Emphasis is placed on learning basic laboratory skills and techniques; collecting and recording data; and analyzing experimental results. Some exercises are performed by individual students, while others are carried out in small groups. Each student will also complete a semester length project.

Department: Microbiology
Course: MBI 391
Title: Undergraduate Readings in Microbiology
Instructor: Dr. Robert Marquis
Restrictions: Permission of instructor required
Description: This course is designed to give undergraduates an opportunity to explore some microbiological topics on a tutorial basis. The student must first choose a faculty member willing to serve as a tutor. Then, a plan is formulated and approved. The student will read various articles in the microbiological literature and meet at regular times with the tutor to discuss the reading. The student will then prepare a term paper on the subject.

Department: Microbiology
Course: MBI 395
Title: Undergraduate Research in Microbiology
Instructor: Dr. Robert Marquis
Description: This course is designed to give undergraduates an opportunity to obtain experience in research in the laboratories of the faculty of the Department of Microbiology and Immunology. The student must first choose a faculty member who wishes to have a student working on a project under his or her direction. A list of the potential instructors can be obtained from the office of the Department of Microbiology and Immunology or on the Departmental homepage. Then, after the student and teacher have come to an agreement, a written description of the project to be carried out is prepared and an Independent Studies Form is submitted for approval to the office of the Undergraduate Program in Biology & Medicine (UPBM), Room 402, Hutchinson Hall. The projects include laboratory experience and tutorial sessions with the teacher. A paper describing the work must be prepared and submitted for approval to the UPBM (Room 402, Hutchinson Hall) before a final grade is given.

Department: Microbiology
Course: MBI 431
Title: Microbial Physiology
Instructor: Clark, V.
Description: This course provides a survey of microbial physiology with emphasis on metabolism, regulation, cell walls, membranes, ecology and adaptation to extreme environments. The class meets twice per week for two lectures of 75 minutes each. Extensive handout materials are provided, and readings are from the current literature. Doctoral students must register for MBI 531 seminar. Offered Fall alternate years

Department: Microbiology
Course: MBI 473
Title: Immunology
Instructor: Barth, R. **Class Size:** 100
Prerequisites: BCH 250 and BIO 198 or equivalent. BIO 202 is also recommended
Exams: three
Description: Innate and adaptive immunity; structure and genetics of immunoglobulins and T cell receptors; lymphocyte development, immune regulation, immunological diseases, tumor immunity.

Department: Microbiology
Course: MBI 580
Title: Immunology Research in Progress Seminar
Instructor: Topham, D. **Class Size:** 20
Prerequisites: MBI 473
Description: Consists of the Immunology Journal Club (meets on hour per week). Students read and discuss recent papers from the immunology literature. The second part consists of attendance at the weekly one hour Immunology Research-in-Progress Seminar Series.

SCHOOL OF NURSING

Fall of 2007

The Official School of Nursing Course Schedule is available online at <http://www.son.rochester.edu/son/current-students/course-registration>. This is the most current and accurate place to find our course listings. As changes occur, this website is updated immediately.

For further information on course offerings or on registering for an SON course, please contact the SON Registrar at (585) 275-8832 or at SONRegistrar@urmc.rochester.edu.

SCHEDULING WORKSHEET

MORNING				MORNING			
Time	Monday	Wednesday	Friday	Time	Tuesday	Thursday	Saturday
0800 to 0850				0800 to 0930			
0900 to 0950							
1000 to 1050					0940 to 1055		
1100 to 1150				1105 to 1220			
1200 to 1250	1230			1230 to 1345			
1300 to 1350							
	1345						
AFTERNOON				AFTERNOON			
Time	Monday	Wednesday	Friday	Time	Tuesday	Thursday	Saturday
1400 to 1515				1400 to 1515			
1525 to 1640				1525 to 1640			
1650 to 1805				1650 to 1805			
1815 to 1930				1815 to 1930			
1940 to 2055				1940 to 2055			
2105 to 2200				2105 to 2200			

SCHEDULING WORKSHEET

MORNING				MORNING			
Time	Monday	Wednesday	Friday	Time	Tuesday	Thursday	Saturday
0800 to 0850				0800 to 0930			
0900 to 0950				0940 to 1055			
1000 to 1050				1105 to 1220			
1100 to 1150				1230 to 1345			
1200 to 1250	1230						
1300 to 1350	1345						
AFTERNOON				AFTERNOON			
Time	Monday	Wednesday	Friday	Time	Tuesday	Thursday	Saturday
1400 to 1515				1400 to 1515			
1525 to 1640				1525 to 1640			
1650 to 1805				1650 to 1805			
1815 to 1930				1815 to 1930			
1940 to 2055				1940 to 2055			
2105 to 2200				2105 to 2200			

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