

Spring Semester 2005

January 10 - May 6

www.iastate.edu/~registrar/calendar

Classes Begin	January 10
University Holiday	January 17
Spring Break	March 14-18
Final Exams	May 2-6
Commencement	May 6 (graduate) May 7 (undergraduate)

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Iowa State University does not discriminate on the basis of race, color, age, religion, national origin, sexual orientation, sex, marital status, disability, or status as a U.S. Vietnam Era Veteran. Any persons having inquiries concerning this may contact the Director of Equal Opportunity and Diversity, 3680 Beardshear, (515)294-7612.

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		121	Materials Engineering (MAT E)
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		151	Textiles & Clothing (T C)
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		153	Toxicology (TOX)
		153	Transportation (TRANS)
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Resources

Admissions www.admissions.iastate.edu

General Information 100 Alumni Hall (515)294-5836

College Student Services Offices

Agriculture 23 Curtiss 294-8653
Business 1200 Gerdin 294-8430
Design 297 College of Design 294-6983
Education E105 Lagomarcino 294-8238
Engineering 110 Marston 294-3900
Family and Consumer Sciences 125 MacKay 294-7243
Graduate College 10 Pearson 294-4531
Liberal Arts and Sciences 109 Carrie Chapman Catt Hall 294-1522
Veterinary Medicine 2540 Veterinary Medicine 294-0772

Financial Aid Office www.financialaid.iastate.edu

Financial Aid Office 0210 Beardshear 294-2223

ISUCard Office www.adp.iastate.edu/idcard/

ISUCard Office 0530 Beardshear 294-2727

Office of the Registrar www.iastate.edu/~registrar/

Certifications 214 Alumni Hall 294-1840
Degree Audits 210 Alumni Hall 294-0802
Fees & Tuition 0460 Beardshear 294-1889
Graduation 10A Alumni Hall 294-9372
Registrar's Office Information 214 Alumni Hall 294-1840
Registration 10 Alumni Hall 294-2331
Residency Status for Fees & Admission 210 Alumni Hall 294-3632
Schedule Changes 10 Alumni Hall 294-2331
Student Records 214 Alumni Hall 294-1843
Transcripts 214 Alumni Hall 294-1840
Veterans Certification 214 Alumni Hall 294-1840

Registration Hold Contacts

Accounts Receivables Office 0880 Beardshear 294-7388
Admissions 100 Alumni Hall 294-5836
Dean of Students Office 1010 Student Services Building 294-1021
Graduate College 10 Pearson 294-4531
International Education Services 250 Memorial Union 294-1120
Loans Receivable 0880 Beardshear 294-8747
Memorial Union 214 Memorial Union 294-0993
Minority Students Office Student Services Building, Suite 2080 294-6338
Office of the Registrar 214 Alumni Hall 294-1840
Student Health Thomas B. Thielen Student Health Center 294-5801

Student Answer Center www.answer.iastate.edu/

Student Answer Center Ground Floor Beardshear 294-4469

Voter Registration

To learn how to register to vote, or to find out more about voting in Iowa, go to www.sos.state.ia.us/.

Voter registration forms are available in the Office of the Registrar, 214 Alumni Hall, and the Student Answer Center, Ground Floor, Beardshear.

Information You Need to Know

Class Registration on AccessPlus

Hours: 7 a.m.- 10 p.m., Monday-Saturday.

Auditing Courses

Students must register for audits by day 10 of the semester. Instructors must approve all audits. The course is counted for fee assessment purposes, but does not count toward determining full-time student status, but is considered as a credit course for fee assessment purposes.

Fee Payment Deadlines

Fee payment deadlines for Spring 2005 are January 20, February 21, and March 21 for deferred billing. A \$20 deferred billing charge is required. Contact Accounts Receivables for information.

Graduation Information

Students who plan to graduate this spring need to complete a graduation application. Details and deadlines can be found in the graduation information section of this publication or at www.iastate.edu/~registrar/graduation/.

Registration Start Dates

Registration start dates are assigned based on projected year-in-school classification (computed by combining total credits and current term credits). Graduate students and seniors register first, followed by juniors, sophomores, and then freshmen and nondegree students. Courses will begin to fill on the first day of registration, so students should register as early as their start date allows.

Registration Start Dates for Spring 2005

Veterinary Medicine students: Wednesday, October 20

Graduate students: Wednesday, October 20 - Friday, October 22

All seniors: Thursday, October 21 - Wednesday, October 27

Projected juniors: Thursday, October 28 - Wednesday, November 3

Projected sophomores: Thursday, November 4 - Wednesday, November 10

Continuing freshmen: Thursday, November 11 - Friday, November 19

Room Assignments

Room assignments are available by viewing your schedule on AccessPlus and the online Schedule of Classes at www.adp.iastate.edu/cgi-bin/class. Find room locations on campus at www.iastate.edu/~catalog/schedule/roominfo.html

Schedule Changes

Students can make schedule changes in Web Registration through Friday, January 7.

Student Answer Center

Have a question and not sure where to go for the answer? Contact the Student Answer Center, Ground Floor, Beardshear. Open daily, Monday-Friday, 8 a.m.-5 p.m. E-mail: answercenter@iastate.edu; www.answer.iastate.edu/.

Voter Registration

To learn how to register to vote, or to find out more about voting in Iowa, go to www.sos.state.ia.us/. Voter registration forms are available in the Office of the Registrar, 214 Alumni Hall, and the Student Answer Center, Ground Floor Beardshear.

University Calendar Spring Semester 2005

Jan. 3, Mon.	Spring 2005 tuition and fees can be viewed on AccessPlus at www.accessplus.iastate.edu	March 11, Fri.	Last day to process a schedule change in a second half-semester course without a fee or to add/drop a second half-semester course without signatures of an instructor and adviser.
Jan. 5, Wed.	Summer 2005 <i>Schedule of Classes</i> available at www.ats.iastate.edu/cgi-bin/class		Last day to drop a second half-semester course without the drop appearing on the permanent record or counting toward the limit of dropped courses.
Jan. 7, Fri.	Last day to initiate registration without a late registration fee through AccessPlus registration; or in person at the Registrar's Student Scheduling Office, 10 Alumni Hall.		Last day to change a second half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits.
Jan. 10, Mon.	Class work begins. Schedule changes processed through AccessPlus registration, or in 10 Alumni Hall.	March 14-18, March 21, Mon.	Spring break, classes recessed. Fee payment deadline, spring semester. Final payment due. Registration period for Summer and Fall 2005 begins. Hours for AccessPlus are 7 a.m. to 10p.m., Monday-Saturday. Seniors graduating Summer 2005 or Fall 2005 should submit a Graduation Application to the Registrar's Graduation Office in 10A Alumni Hall, after registering for final semester course work. Applications are available from advisers or the Registrar's Graduation Office, 10A Alumni Hall, or via www.iastate.edu/~registrar/graduation
Jan. 14, Fri.	Last day to process a schedule change without a fee or to add/drop a course without signatures of instructor and adviser (full-semester courses and first half-semester courses). Last day to drop a course without the drop appearing on the permanent record or counting toward the limit of dropped courses (full-semester courses and first half-semester courses). Last day to process a schedule change for spring through AccessPlus registration. Last day to change a course from audit to credit. Graduate College applications for graduation for Spring 2005 are due in the Graduate College, 10 Pearson Hall.	March 25, Fri.	Last day to drop full semester courses or withdraw without extenuating circumstances. Last day to change a full semester course <i>to or from</i> Pass/Not Pass. Courses changed to graded basis after Jan. 24 count toward total allowable P/ NP credits. Last day to file a Designation of Repeated Course form for a full-semester or second half-semester course that is not an automatic designated repeat. Last day for graduate students to cancel graduation. All graduate students who haven't cancelled by this date will be assessed a nonrefundable graduation fee.
Jan. 17, Mon.	University holiday, offices closed. Classes recessed.	April 14, Thurs.	Last day to drop a second half-semester course without extenuating circumstances. Last day to change a second half-semester course <i>to or from</i> Pass/Not Pass. Courses changed to graded basis after March 11 count toward total allowable P/NP credits.
Jan. 20, Thurs.	Fee payment deadline for spring semester. First payment (minimum due) or payment in full.	April 15, Fri.	Graduate College last day for final oral examinations.
Jan. 24, Mon.	Last day to change a full-semester or first half-semester course from Pass/Not Pass to grade basis without it counting toward total allowable P/NP credits. Last day to elect to audit a course for spring semester. The instructor of the course must approve an audit. Last day to return textbooks to the University Bookstore.	April 20, Wed.	Last day of assigned registration start dates for Summer 2005 and Fall 2005 registration. Graduate College last day for final submission of thesis or dissertation.
Feb. 11, Fri.	Last day to drop a first half-semester course without extenuating circumstances. Last day to change a first half-semester course <i>to or from</i> Pass/Not Pass. Courses changed to graded basis after Jan. 24 count toward total allowable P/NP credits. Last day to file a Designation of Repeated Course form for a first half semester course that is not an automatic designated repeat.	April 22, Fri.	Graduate College last day for final submission of graduate student graduation approval slip.
Feb. 15, Tues.	Last day to change degree audit information for spring semester degree audits. After this date, a fee is assessed for degree audit changes.	April 26-May 7	End of term textbook buyback begins at University Bookstore.
Feb. 21, Mon.	Fee payment deadline, spring semester. Second payment (minimum due). <i>Schedule of Classes</i> for Fall Semester 2005 and preliminary offerings for Spring 2006 available at www.ats.iastate.edu/cgi-bin/class .	May 2-6, M-F	Final examinations. University bills with Summer 2005 tuition and fees charges available on AccessPlus www.accessplus.iastate.edu
March 3, Thurs., March 4, Fri.	Midterm grade reports due from all departments. First half-semester courses end.	May 2, Mon.	Graduate College applications for graduation for Summer 2005 are due in the Graduate College, 10 Pearson Hall.
March 7, Mon.	Second half-semester courses begin. Advising period for summer and fall registration begins.	May 6, Fri.	Undergraduate applications for graduation for Summer 2005 and Fall 2005 are due in the Registrar's Graduation Office, 10A Alumni Hall. Graduate College Commencement: www.iastate.edu/~registrar/graduation
		May 7, Sat.	Undergraduate Commencement: www.iastate.edu/~registrar/graduation

Admission

New Students

Prospective students should contact the Office of Admissions for information concerning admission procedures. Refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005* catalog for specific requirements for admission. Applications are available from the Office of Admissions, 100 Alumni Hall. The completed application, application fee, and all required transcripts must be received by the Office of Admissions before admission is complete. Approval for admission is necessary before a student begins the registration process.

Graduate Students Students who have earned a bachelor's degree must register as a graduate student if they take graduate credit courses. Up to nine semester credits of graduate credit taken as a nondegree/undeclared student may, if approved by the student's program of study committee, apply toward a graduate degree.

Undergraduate Students Nondegree student status is an undergraduate category of admission. Courses taken as a nondegree student may later be applied to undergraduate degree requirements if approved by the student's college. However, credits earned as a nondegree student may not be used in a graduate degree program.

Reentering Students

Undergraduate students, both non-degree and degree seeking, who are planning to return to Iowa State University after an absence of 12 months or more must complete a reentry form. A student who has previously attended Iowa State only as a nondegree student and who now seeks to earn an undergraduate degree should complete an undergraduate application, not a reentry form.

International Students International students should contact the Office of Admissions, 100 Alumni Hall 515-294-5836 for reentry instructions. Financial certification of ability to cover all educational and living expenses will be required. All international students must complete the reentry form and a financial statement (for visa purposes) after an absence of one semester or more (not including summer term).

Requesting Reentry Reentry forms are available from the Office of the Registrar, Tuition and Fees area, 0460 Beardshear, at 515-294-1889, or e-mail to registrar@iastate.edu. Reentry forms are also available online at www.iastate.edu/~registrar/info/reentry.html. Return the completed form to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work attempted to the Office of Admissions, 100 Alumni Hall.

New and Reentering Students

If you have questions about the registration process, contact the Registrar's Student Scheduling Office, 10 Alumni Hall, (515) 294-2331, or the appropriate college student services office:

Agriculture
23 Curtiss
294-8653

Business
1200 Gerdin
294-8430

Design
297 College of Design
294-6983

Education
E105 Lagomarcino
294-8238

Engineering
110 Marston
294-3900

Family and Consumer Sciences
125 MacKay
294-7243

Graduate College
10 Pearson
294-4531

Liberal Arts and Sciences
109 Carrie Chapman Catt Hall
294-1522

Veterinary Medicine
2540 Vet Med
294-0772

The Office of the Registrar will refer the reentry form to the college to which a student plans to return if the student (a) desires to change curriculum; (b) has a previous Iowa State University cumulative grade point average below 2.00 or had a last term average below 2.00; (c) was dropped from Iowa State for unsatisfactory academic progress or was not otherwise in good standing; or (d) since leaving Iowa State, has completed additional college study with less than a 2.00 grade point average.

Academically Dismissed A student who was academically dismissed must submit (1) a reentry form to the Office of the Registrar and (2) a petition for reinstatement to the college in which they wish to enroll at least 45 days before the beginning of the term. Students who have been academically dropped twice and wish to return to the College of Liberal Arts and Sciences must submit their petition at least 70 days before the beginning of the term.

How to Register Reentering students should contact their adviser or departmental office to select courses and begin the registration process. New and reentering students are encouraged to register during the web registration period. New and reentering students will be assigned registration start dates according to their year-in-school classification using the same general guidelines as currently enrolled students. Since courses begin to fill on the first day of the registration period, students should register as early as their start date and time allow.

Returning Students

Undergraduate and Nondegree Students

Non-international undergraduate and nondegree students, who have been away from Iowa State for less than 12 months and who were not academically dismissed, may contact the Office of the Registrar, Tuition and Fees area, at 515-294-1889 or e-mail to registrar@iastate.edu to have their student record and address information updated prior to meeting with their adviser to discuss course selection. These students do not need to complete a reentry form.

Academically Dismissed Returning students who have been academically dismissed should contact their college student services office regarding procedures for reinstatement. Students who want to change colleges should contact their prospective college student services office.

Graduate Students

All graduate students who have been away from Iowa State for at least one semester (not including summer) should contact the Office of the Registrar, Tuition and Fees area, at 515-294-1889 or e-mail to registrar@iastate.edu to have their student record and address information updated prior to meeting with their major professor to discuss course selection. International graduate students must file a student financial statement for visa purposes. The form is available from International Education Services, 250 Memorial Union, 515-294-1120.

Registration

Follow these steps:

1 Obtain course information online using the following URL:
www.adp.iastate.edu/cgi-bin/class.

2 Meet with your adviser or major professor. The advising period begins Monday, October 18. Undergrad students will be provided a degree audit to assist in course selection. Complete the Registration Worksheet and have your adviser or major professor sign it. Discuss alternative courses in case your first-choice courses are filled.

Review your registration start date/time information and any registration hold information on AccessPlus, under Current Information. Students in those colleges which require a four-digit registration access number (RAN)* should meet with their adviser to obtain their Registration Authorization Card on which the RAN is printed. Colleges that currently do *not* require a RAN are Business, Family and Consumer Sciences, Veterinary Medicine, and the Graduate College.

3 Register on the web through AccessPlus. Refer to the Registration Worksheet (www.iastate.edu/~registrar/forms/regwk.pdf) for instructions. (Skip to #4 if not registering by the Web Registration system.) Refer to your registration authorization card for your registration start date and start time. You will not have access to register before your start date and time.

4 Review schedule on AccessPlus, which will include room locations beginning Friday, December 3.

5 Pay fees. You will receive a bill from the Accounts Receivables Office for tuition, room and board, and various other university charges. Failure to receive a billing statement will not exempt you from late penalties or from having a hold placed on your registration. Call 294-7388 if you have questions.

Deadlines

Friday, January 7 is the last day to initiate a registration for Spring 2005 through AccessPlus on the Web.

Cancelling

You must notify the Office of the Registrar by Friday, January 7 of your intent to cancel registration to avoid tuition assessment. For information and a cancellation form, see www.iastate.edu/~registrar/registration/.

*The registration access number (RAN) is your confidential, personal number required by some colleges to use the registration system. Since you will be held accountable for all changes made to your schedule through AccessPlus, do not share your number with anyone! You will be assigned a new RAN each registration period.

To register for classes on AccessPlus

Hours for the system: Monday-Saturday, 7 a.m. - 10 p.m.

AccessPlus does not check for time conflicts. Be sure to review your schedule for time conflicts.

If you need to register for a course that currently has no space available, please attempt to add the course anyway. Requesting a closed course will help departments determine what course demands are still unmet.

When making a section change within a course, try to add the new section first. If the requested section is open, the previous section will automatically be dropped from your schedule.

Entering the Registration Access Number (RAN) is no longer required once courses exist on your schedule. If you are already registered, you won't need to enter the RAN again to change your schedule.

If you get the message "You have requested a restricted section for which you are not eligible," click on the *Schedule of Classes* link at the top of the screen. Section restrictions can be found at that site.

Schedule changes

Dropping and Adding Courses

Procedures for schedule changes vary based on the time period of the semester. The effective date of a schedule change is the date on which the change is entered into the registration system. Schedule change periods are as follows:

Period 1 ends on the fifth day of classes of the semester. Schedule changes during period 1 are free and do not require adviser signature. Instructor or departmental approval may be required for adds or section changes in some courses during Period 1. Schedule changes during period 1 may be processed through AccessPlus or by going to the Registrar's Student Scheduling Office, 10 Alumni Hall. Course drops during this period do not count toward a student's ISU drop limit, and will not appear on a student's grade slip or permanent record.

Period 2 ends the third Friday after the day midterm grades are due. During this period, schedule changes require signatures of adviser and instructor on a Schedule Change/Restriction Waiver form. Completed forms are processed in 10 Alumni Hall. A schedule change fee of \$10 is assessed for adds, drops, and section changes during this period. Course drops after period 1 count toward a student's ISU drop limit and appear as an X on the grade slip and permanent record.

Drops and other schedule changes that are judged to be beyond the student's control may be processed as administrative actions if approved as such by the college dean. There is no schedule change fee for administrative schedule changes. Administrative drops do not count toward a student's ISU drop limit or appear as an X on the grade slip and permanent record. The effective date of an administrative action is the date approved by the college dean.

Period 3 follows period 2 and extends through the remainder of the semester. Schedule changes during this period are permitted only for extenuating circumstances beyond the student's control; require a written statement of support from both the instructor and the adviser; and must be approved by the college dean.

Half-semester courses and partial term courses: Specific deadlines for adding and dropping half-semester courses are published in the university calendar. Appropriate adjustments to add and drop deadlines are made for other partial term courses. To find out specific deadlines for partial term courses, contact the Registrar's Student Scheduling Office, 10 Alumni Hall, 294-2331.

Tuition adjustment for reduction of total credits is based on the effective date of the change. For information on tuition adjustments, see the Fees and Tuition section of this *Schedule of Classes*.

Drop Limit

Undergraduate students have a limited number of courses they may drop during their academic careers. (These are drops processed after the fifth day of classes each semester.) Students who enter Iowa State as freshmen are allowed to drop a maximum of five courses during their undergraduate career. Students entering at a level above freshman classification or in the College of Veterinary Medicine are allowed to drop a maximum of four courses. Courses dropped during a student's first semester do not count towards this limit, nor does the summer count as a first semester for this purpose. Students enrolling at Iowa State after receiving a bachelor's degree will be allowed two drops.

Exceptions may be made for courses that must be dropped for reasons beyond the student's control. These exceptions are granted only by the college student services office and/or dean.

Each semester your Grade Report on AccessPlus indicates the number of drops you have left. You are responsible for not exceeding your limit. If you attempt to drop a course beyond the limit without special permission from your college dean, the course will remain on your schedule and you will receive a grade at the end of the semester.

Cancellation/Withdrawal of Registration

To cancel your spring registration and avoid tuition assessment (www.iastate.edu/~registrar/registration/), you must notify the Office of the Registrar by Friday, January 7. Beginning Monday, January 10, you must formally withdraw from the university to terminate your registration and you are subject to the tuition adjustment schedule. For more complete information on cancellation/withdrawal of registration, please refer to the "Fees and Tuition" section of this *Schedule of Classes* or to the *Cancellation and Withdrawal information on the Web*.

Spring 2005 Fee Schedule

Tuition and fees are subject to change without notice.

Enrollment is not complete until fees are paid. Tuition is charged at the per credit rate shown below.

For more information, see www.iastate.edu/~registrar/fees/

	Undergrad		Graduate		Vet Med Admitted Prior to 2002		Vet Med Admitted Fall 2002 or later		
	Res.	Nonres.	Res.	Nonres.	Res.	Nonres.	Res.	Nonres.	
Full fees	\$2,351	\$7,202	\$2,744	\$7,557	\$4,763	\$12,581	\$5,150	\$13,631	
Fees/credit	196	601	305	840	397	1,049	430	1,136	
Credits: *Minimum charged for 1-2 credits									Credits
1	*392	*392	*610	*610	*794	*794	*860	*860	1
2	*392	*392	*610	*610	*794	*794	*860	*860	2
3	588	588	915	915	1,191	1,191	1,290	1,290	3
4	784	784	1,220	1,220	1,588	1,588	1,720	1,720	4
5	980	3,005	1,525	4,200	1,985	5,245	2,150	5,680	5
6	1,176	3,606	1,830	5,040	2,382	6,294	2,580	6,816	6
7	1,372	3,997	2,135	5,880	2,779	7,343	3,010	7,952	7
8	1,568	4,207	2,440	6,720	3,176	8,392	3,440	9,088	8
9	1,764	5,409	2,744	7,557	3,573	9,441	3,870	10,224	9
10	1,960	6,010			3,970	10,490	4,300	11,360	10
11	2,156	6,611			4,367	11,539	4,730	12,496	11
12	2,351	7,202			4,763	12,581	5,150	13,631	12

Non-Residents with 4 credit hours or less are assessed the resident tuition rate.

Saturday MBA, Des Moines MBA classes will be assessed graduate rate plus a \$92/credit supplemental tuition fee. All MBA Fees Subject To Change By The Board of Regents, State of Iowa.

Minimum Tuition is assessed to students enrolled for 1-2 credits or non-coop, required credit only.

Students on graduate assistantships (C-Base) will be assessed \$2744 (Fall '04 & Spring '05 Terms) regardless of the number of credits.

Fee Policies and Descriptions:

2004-2005

- **Des Moines MBA program** courses are assessed at the graduate rate in the current fee schedule plus a \$92 per credit supplemental tuition fee. Non-residents taking less than 4.5 credits are assessed at the resident rate. Fee subject to change without notice.

- **Interim** (partial-semester, between-terms), **audit** (zero-credit), and **in absentia** (research, away from campus study) courses are assessed fees as listed in the current fee schedule.

- **Non-degree undergraduate and non-collegiate** students are assessed undergraduate fees as listed in the current fee schedule.

- **Distance education courses** are assessed at the resident rate and the minimum fee does not apply. However, non-resident students who enroll in a combination of on and distance education courses are assessed the non-resident rate for all credits taken.

- **One-half credits** are assessed at the next larger whole number; e.g. 3 1/2 credits are assessed at the 4-credit rate.

- **R-credit** (required) course is assessed at no charge unless the R-credit course is the only course enrollment. Note: There is no charge for R-credit co-op internship courses.

- **Saturday MBA program** courses are assessed at the graduate rate in the current fee schedule plus a \$92 per credit supplemental tuition fee. Fee subject to change without notice.

- **Study abroad credits**, up to a maximum of 12 credits, are assessed above and beyond tuition for other courses taken during the same term.

- **Workshop fee** for one-credit workshops, with no other course enrollments, is \$196 for undergraduate students and \$305 for graduate students.

- **Zero credit course** is assessed based on contact hours with a maximum assessment of 3 credits.

- **Developmental courses** are assessed specific fees above and beyond tuition for other courses taken during the same term.

Math 10 - \$392

Chem 50X - \$225

Engl 99L - \$240

Engl 99R - \$160

Fees and Tuition

Tuition and fees are subject to change without notice.

Past Due Accounts

Students having past due receivable charges may be dropped from enrollment for spring if these past due charges are not paid by the first day of classes. A statement indicating past due charges will be shown on the December 31 billing statement.

Payment of Fees

The Receivables Office bills for tuition, room and board, and various other university charges. A statement of new charges will be available the first of each month on the student's account on AccessPlus at <https://accessplus.iastate.edu/frontdoor/login.jsp>. The student will receive an e-mail message instructing them to check their AccessPlus account. It is the student's responsibility to ensure that the university has a correct e-mail address. Failure to view a billing statement will not exempt students from late penalties or from having a hold placed on their registration.

Payments are due January 20. Students also have the option of paying tuition and room and board in three installments. The first installment is due January 20, the second is due February 21, and the final payment is due March 21.

If students elect to use deferred billing, they will be assessed a \$20 administrative fee on their February bill. Students who do not pay their December 31 bill in full by the due date will by default select the deferred option. Any other charges that are not deferrable must be paid in full by January 20.

Students may pay by mail by sending a check or money order (along with the bottom portion of the billing statement printed from AccessPlus) to Iowa State University, Payment Processing Center, P. O. Box 4992, Des Moines, IA 50306-4992; or online using AccessPlus. Payments also may be made in person in the Treasurer's Office, 1220 Beardshear. Payments must be received by the due date to avoid late penalties.

If students do not pay the minimum due on each billing statement, all fees become due immediately. A one percent finance charge will be assessed on the total amount due at that time, and a hold would be placed on their registration until the total amount is paid.

The University reserves the right to drop students from enrollment for non-payment of fees. Students subject to being dropped will be notified.

Cancelling Registration

A cancellation is processed when a student notifies the Office of the Registrar, prior to the day class work begins, of their decision not to attend classes for the current semester. All courses are removed and no tuition and fees are assessed. To cancel registration and avoid tuition penalty assessment, notify the Office of the Registrar by Friday, January 7. Do not use AccessPlus to cancel your registration.

Students may cancel their registration by contacting the Office of the Registrar at 515-294-1889 or via www.iastate.edu/~registrar/registration/. Students should make a record of the name of the person taking the call, as well as the time and date called.

Withdrawing Registration

A withdrawal is processed beginning the first day of classes when a student notifies their academic adviser and college of their decision not to continue attending courses for a semester. Beginning Monday, January 10, you must formally withdraw from the university to terminate your registration and you are subject to the tuition adjustment schedule. The effective date of the withdrawal is the date of approval by your college student services office and/or dean.

To withdraw, contact your adviser and complete a *Request for Withdrawal* form, and then request the approval of your college student services office and/or dean. If the request is approved, the form will be forwarded to the Office of the Registrar for processing.

If you withdraw, courses taken will not be recorded on your permanent record and will not count toward your drop limit. Partial term courses completed prior to withdrawal will be included on your permanent record. Incompletes will not be accepted for withdrawals. Refunds will be made on the unused portion of fees for registration, room and board, when applicable.

If withdrawal is requested during add/drop period 3, the request may be denied if it is determined that academic performance prior to withdrawal is unsatisfactory. If withdrawal is approved during period 3 for a student on temporary enrollment, the student will not be permitted to enroll the following term, except under extenuating circumstances.

If these procedures for withdrawing from the university are not followed, instructors will assign whatever grades or marks they consider appropriate. Since these grades may be F's, students are warned that failure to follow the prescribed withdrawal procedures may adversely affect a later application for reentry or transfer to another institution. For more information on withdrawal policies, refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005* catalog.

Tuition Adjustment Schedule for Workshops and Short Courses

Students who drop one- or two-week workshops or short courses on or before the first class meeting receive a 100% tuition adjustment for the course. No tuition adjustment will be made after the first day of classes. Students who drop three-week courses receive a 100% adjustment if they drop on or before the first day of classes, a 90% adjustment if they drop on the second day of classes and no adjustment after the second day of classes.

Tuition Adjustment Schedule

This tuition adjustment schedule is subject to change.

Tuition adjustments for withdrawals of registration are based upon the following table for Spring 2005:

Withdrawal Date	Student Pays
Jan. 10-14	10%
Jan. 18-24	25%
Jan. 25-31	50%
Feb. 1-7	75%
After Feb. 7	100%

The tuition adjustment schedule for a schedule change is based on the effective date of the change. Fees are assessed based on the student's total credit hours as of the 10th class day of the term. Students who drop below full-time during the first two weeks will receive a credit adjustment of 100%, with no adjustment after the second week. Students who add courses at any time during the semester will be assessed tuition and fees if applicable according to the fee schedule.

Appropriate adjustments in the tuition assessment will be made when partial term courses are involved.

Students may appeal a tuition and fees assessment for withdrawal by obtaining a "Procedures for Appealing Assessed Tuition" form from the fees section in the Office of the Registrar, 0460 Beardshear. The Office of the Registrar will review appeals for possible tuition and fees adjustment for the semester in question only after the written appeal and appropriate support documentation are received from the student. Determinations will be made by the Office of the Registrar based on extenuating circumstances beyond the control of the student. The results will be sent to the student in writing.

Students may appeal the decision of the Office of the Registrar by writing an appeal letter to the Tuition Appeals Review Committee. This letter should be submitted to the Office of the Registrar within 10 calendar days after receiving the original decision. A final appeal of the Tuition Appeals Review Committee decision can be made by submitting a request in writing to the Office of the Provost.

GLOSSARY OF FEES

Activity, Services and Building Fee

All full time students will be charged a \$171 activity services and building fee except for students exclusively registered for the following: distance education courses; courses for which no tuition is assessed; continuous registration status courses; and high school students enrolled under the Post-Secondary Enrollment Options Act. Students who are exempt from the activity fee may elect to pay the fee. Part time students will be assessed either \$85.50 or \$128.25 based upon the number of credits in which they are enrolled.

For students who withdraw or change to an exempt status as defined above, the tuition adjustment schedule also will be used for the activity fee.

Application Fee

A nonrefundable application fee must accompany the application for admission. The application fee for domestic students (both graduate and undergraduate) is \$30; the international application fee for undergraduates is \$50. This fee does not apply to special students or workshop applicants. The international application fee for graduate students is \$70.

Computer Fee

All students will be charged a computer fee each semester. Full-time students in the College of Engineering (including Bio-medical Engineering) will be charged \$210 per semester. Full-time students in the majors Management Information Systems, Computer Science, or Pre-Computer Science will be assessed \$167 per semester. All other full-time graduate students will be assessed \$78 per semester. All other full-time undergraduate students will be assessed \$98 per semester. Students enrolled less than full-time will be assessed prorated computer fees according to the number of credits for which they are enrolled.

Graduate students holding research or teaching assistant appointments will be assessed \$105 for those in the Engineering college (including Biomedical Engineering), \$83.50 for those in the Computer Science department, and \$39 for all other majors, regardless of the number of credits and the fraction of time they are on appointment.

Students enrolled exclusively in any one of the following categories will not be assessed computer fees: Post Secondary Enrollment Options Act students; registrations which do not carry a tuition assessment; additional student categories as determined by the University.

For students who withdraw or drop below full-time, the tuition adjustment schedule will be applied for computer fees. The credit adjustment schedule for the computer fee for reduction from a full load to light classification is 100% through the tenth class day. No tuition adjustment will be made after the tenth class day (Jan. 24).

Students who change their major will receive a computer fee credit adjustment of 100% through the tenth class day, with no adjustment after the tenth class day. Students who are double majors will be assessed the rate for the major having the higher rate.

Developmental Course Fee

Math 10 and Math 20 each have a fee of \$392. Chem 50X has a fee of \$225. Engl 99L has a fee of \$240 and Engl 99R has a fee of \$160. This is a separate fee charged in addition to other fees and tuition.

Graduation Fee

Undergraduate and graduate students are assessed a \$35 fee the term of graduation.

Health Facility Fee

All students are assessed an \$8 health facility fee, except for students exclusively registered for the following: distance education courses; courses for which no tuition is assessed; continuous registration status courses; and high school students enrolled under the Post-Secondary Enrollment Options Act. (Note: Exceptions do not apply to international students or graduate students on C-base appointment.)

For students who withdraw or change to an exempt status as defined above, the tuition adjustment schedule will also be used for the health facility fee.

Health Fee

All students are assessed a \$85 Student Health Fee, except for students enrolled for four credits or less or students exclusively registered for the following: distance education courses; foreign group study programs; courses for which no tuition is assessed; continuous registration status courses; weekend MBA courses; Lakeside Lab or geology field camp courses; and high school students enrolled under the Post-Secondary Enrollment Options Act. (Note: Exceptions do not apply to international students or graduate students on C-base appointment.) Students who are exempt from the health fee may participate in the Health Plus Plan.

Students who withdraw or change to an exempt status (as defined above) will receive a credit adjustment of 100% through the tenth class day, with no adjustment after the tenth class day (Jan. 24). Students who add courses at any time during the semester will be assessed the student health fee if applicable according to the guidelines stated above.

Health Insurance (Optional)

International students are required to purchase the health insurance plan. Other students may enroll in the plan by contacting the Student Health Insurance Office at 515-294-4820, or e-mail stdntins@iastate.edu.

Students who enroll in the health insurance plan are also required to pay the health fee and health facility fee (no exemptions apply).

Health Plus Plan (Optional)

Students who are not assessed the mandatory Student Health Fee and spouses of students are eligible to participate in the Health Plus Plan for a fee of \$85, which allows participants to receive services at the Student Health Center for the same rate as students who pay the mandatory Student Health Fee. Students not in the Health Plus Plan may use the services of the Student Health Center on a fee for service basis. Enroll in the plan by contacting the Student Health Insurance Office, at 515-294-2394.

Students who elect the single Health Plus Plan will be assessed \$85 plus the \$8 health facility fee. Married students who have been assessed the mandatory health fee who elect to add the spouse plan will be assessed \$85 plus the \$8 health facility fee for the spouse. A student who is exempt from the mandatory Student Health Fee may elect both the student and spouse Health Plus Plan for a cost of \$170 plus a \$16 health facility fee.

Students who withdraw will receive a credit adjustment of 100% of the Health Plus Plan costs for withdrawal through the fifteenth class day, (no credit adjustments after the fifteenth class day). There will be no credit adjustment if a student used the services of the Student Health Center prior to withdrawing from the university.

Late Registration Fee

Friday, January 7 is the last day to initiate a registration for full semester courses for Spring 2005 without a late registration fee. Beginning Monday, January 10, undergraduate students are assessed a late registration fee of \$20. Graduate students are assessed a late registration fee of \$20 the first week of classes, \$50 the second week, and \$100 the third week or later.

New Student Programs/Matriculation Fee

A \$131 fee is assessed to all new degree-seeking students prior to admission. (Note: This fee is subject to change.) This fee does not apply to nondegree seeking students, veterinary medicine students, graduate students, or students enrolled exclusively in distance education courses.

Special Course Fees

Special course fees and their descriptions are included in the course listing section of this booklet. Possible fees may include consumable materials, other lab fees or field trip fees.

Study Abroad

Study abroad credits, up to a maximum of 12 credits, are assessed above and beyond tuition for other courses taken during the same term.

Night Examinations

Night exams may be scheduled for a multi-sectioned course if a common departmentally developed examination will be administered to all students in the course at the same time, and test scores will be used as a basis for uniform grading for all sections of the course. Requests for new night exams will only be granted if appropriate accommodation can be arranged, with consideration given to student schedule conflicts and room availability. Night exam requests must be approved by the Provost and announced in the *Schedule of Classes*.

Whenever a night exam is administered, a regular class meeting during that week will be omitted. Students who are

unable to take a night exam at a scheduled time because of a course conflict or other legitimate reason must notify the instructor in advance and must be given the opportunity to be examined at another time mutually convenient for the student and the instructor.

The instructor will determine whether to administer the same exam or an alternate exam, or use an alternate assessment procedure. Graduate faculty who want to administer a night examination should work directly with Room Scheduling to ensure that a room is available for the exam.

Night Exams for Spring 2005

Updates are posted to www.iastate.edu/~registrar/exams/nitexam.html

Course	Time, Day of Week, Date	Course	Time, Day of Week, Date
Acct 285	8:00-10:00 p.m. Tues. Feb. 15	E M 274	8:00-10:00 p.m. Thurs. Mar. 24
Acct 285	8:00-10:00 p.m. Thurs. Mar. 22	E M 274	8:00-10:00 p.m. Thurs. Apr. 21
Aer E 160	8:00-10:00 p.m. Tues. Feb. 15	E M 324	8:00-9:30 p.m. Wed. Feb. 9
Aer E 160	8:00-10:00 p.m. Tues. Apr. 5	E M 324	8:00-9:30 p.m. Wed. Mar. 23
Astro 120	6:30-7:45 p.m. Thurs. Feb. 17	E M 324	8:00-9:30 p.m. Wed. Apr. 20
Astro 120	6:30-7:45 p.m. Thurs. Apr. 7	E M 345	8:00-10:00 p.m. Mon. Feb. 7
C E 332	8:00-10:00 p.m. Thurs. Feb. 10	E M 345	8:00-10:00 p.m. Wed. Mar. 9
C E 332	8:00-10:00 p.m. Thurs. Mar. 10	E M 345	8:00-10:00 p.m. Mon. Apr. 18
C E 332	8:00-10:00 p.m. Thurs. Apr. 14	E M 378	6:30-7:45 p.m. Mon. Feb. 7
C E 333	8:00-10:00 p.m. Thurs. Feb. 17	E M 378	6:30-7:45 p.m. Wed. Mar. 9
C E 333	8:00-10:00 p.m. Thurs. Apr. 7	E M 378	6:30-7:45 p.m. Thurs. Apr. 21
C E 334	8:00-10:00 p.m. Thurs. Feb. 10	Engr 160	8:00-10:00 p.m. Tues. Feb. 15
C E 334	8:00-10:00 p.m. Thurs. Mar. 10	Engr 160	8:00-10:00 p.m. Tues. Apr. 5
C E 334	8:00-10:00 p.m. Thurs. Apr. 14	Fin 301	8:00-10:00 p.m. Tues. Mar. 1
C E 360	8:00-10:00 p.m. Mon. Feb. 21	Math 141	8:00-9:30 p.m. Mon. Mar. 28
C E 360	8:00-10:00 p.m. Mon. Apr. 4	Math 142	8:00-9:30 p.m. Mon. Mar. 28
Chem 165	6:30-7:30 p.m. Wed. Feb. 2	Math 165	8:00-9:30 p.m. Thurs. Feb. 24
Chem 165	6:30-7:30 p.m. Wed. Feb. 23	Math 166	8:00-9:30 p.m. Thurs. Feb. 24
Chem 165	6:30-7:30 p.m. Wed. Mar. 30	Math 195	8:00-9:30 p.m. Mon. Feb. 7
Chem 165	6:30-7:30 p.m. Wed. Apr. 20	Math 195	8:00-9:30 p.m. Thurs. Mar. 10
Chem 178	6:30-7:30 p.m. Wed. Feb. 9	Math 195	8:00-9:30 p.m. Tues. Apr. 19
Chem 178	6:30-7:30 p.m. Wed. Mar. 9	Math 196	8:00-9:30 p.m. Tues. Feb. 8
Chem 178	6:30-7:30 p.m. Wed. Apr. 13	Math 196	8:00-9:30 p.m. Wed. Mar. 9
Chem 178	6:30-7:30 p.m. Wed. Apr. 27	Math 196	8:00-9:30 p.m. Thurs. Apr. 21
Chem 231L	7-9:15 as arr., Mon. Apr. 25	Phys 111	8:00-9:30 p.m. Tues. Feb. 8
Chem 321L	8:00-10:00 p.m. Wed. Apr. 27	Phys 111	8:00-9:30 p.m. Tues. Mar. 8
Chem 322L	8:00-10:00 p.m. Wed. Apr. 27	Phys 111	8:00-9:30 p.m. Tues. Apr. 12
Chem 331L	7-9:15 as arr., Mon. Apr. 25	Phys 221 and 221H	8:00-10:00 p.m. Thurs. Feb. 17
Chem 332	6:30-7:30 p.m. Tues. Feb. 1	Phys 221 and 221H	8:00-10:00 p.m. Thurs. Mar. 31
Chem 332	6:30-7:30 p.m. Tues. Feb. 22	Phys 222 and 222H	8:00-10:00 p.m. Wed. Feb. 16
Chem 332	6:30-7:30 p.m. Tues. Mar. 8	Phys 222 and 222H	8:00-10:00 p.m. Wed. Mar. 30
Chem 332	6:30-7:30 p.m. Tues. Apr. 5	POM 320	8:00-10:00 p.m. Thurs. Feb. 3
Chem 332	6:30-7:30 p.m. Tues. Apr. 26	POM 320	8:00-10:00 p.m. Thurs. Mar. 3
Chem 332L	7-9:15 as arr. Mon. Apr. 25	POM 320	8:00-10:00 p.m. Tues. Apr. 5
Com S 207	6:30-7:30 p.m. Tues. Feb. 8	Psych 101	8:00-10:00 p.m. Thurs. Feb. 3
Com S 207	6:30-7:30 p.m. Tues. Mar. 22	Psych 101	8:00-10:00 p.m. Thurs. Mar. 3
Com S 227	6:30-7:30 p.m. Wed. Feb. 9	Psych 101	8:00-10:00 p.m. Thurs. Apr. 7
Com S 227	6:30-7:30 p.m. Wed. Mar. 23	Psych 230	6:30-7:45 p.m. Tues. Feb. 15
Com S 228	6:30-7:30 p.m. Thurs. Feb. 17	Psych 230	6:30-7:45 p.m. Tues. Mar. 29
Com S 228	6:30-7:30 p.m. Thurs. Mar. 24	Psych 280	6:30-7:45 p.m. Wed. Feb. 2
Com S 311	8:00-10:00 p.m. Mon. Feb. 14	Psych 280	6:30-7:45 p.m. Wed. Mar. 2
Com S 311	8:00-10:00 p.m. Mon. Apr. 4	Psych 280	6:30-7:45 p.m. Wed. Apr. 6
E M 274	8:00-10:00 p.m. Thurs. Feb. 10	Soc 134	6:30-7:30 p.m. Wed. Feb. 16
		Soc 134	6:30-7:30 p.m. Mon. Mar. 28

Credit by Examination

General Information

Students may earn academic credit by examination. A fee is charged for each examination. Two types of credit by examination are available at Iowa State University: departmental exams and CLEP (College Level Examination Program) exams. Most exams are given during the first week of classes and require prior arrangements. All arrangements are initiated by the student and fees are non-refundable. Discuss your test-out plans with your adviser to verify applicability of credit earned. Test-out credit is recorded during the semester the exam is taken. Once recorded, test-out credit will appear on your degree audit and permanent record.

It is suggested that you take a test-out exam the semester before you would plan to take the course. In some courses, students who plan to take the test-out exam may not be allowed to register for the course for the same semester. For more information, please refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005* catalog.

Departmental Test-out Exams

Departmental test-out exams are available for many courses. For a current list, visit the Student Counseling Services web site at <http://scs.iastate.edu/scs/>. After you have accessed the web site, choose Services --Testing--Test-outs (Credit by Exam).

For more information contact:

Testing Office

Student Counseling Service

2030 Student Services Building, 2nd floor

Phone: (515) 294-5058

CLEP Exams

CLEP examinations are national computer based tests authorized by Iowa State University for credit in both specific classes and general areas of study. Six credits may be earned on each of the CLEP general exams. Students must score at or above a B grade level to receive credit in the following areas: humanities (2 credits fine arts and 4 credits literature); natural sciences (3

credits biological sciences and 3 credits natural sciences); social science and history (4 credits social sciences and 2 credits history). CLEP subject tests are listed below. Students must score at or above a B grade level to receive credit on a CLEP subject examination.

CLEP exams are administered by the Student Counseling Service. For more information, go to the following website: www.admissions.iastate.edu/cbe/cbe_clep.php. To take a CLEP exam, you must register in the Testing Office, 2nd floor, Student Services Building, at least one week prior to the test date. For further information about test registration and fees or for a handout about the test, contact the Testing Office, 2nd floor, Student Services Building (open Monday-Thursday, 8 a.m.-5 p.m.; Friday, 8 a.m.-12 p.m. - Hours subject to change), 294-5058.

If you need help deciding whether to take a CLEP exam, consult your adviser and/or the department that teaches the course. All CLEP exams are given Monday-Friday.

CLEP Subject Exams

- Acct 284, 285 (May not count in Engineering - contact department prior to registration)
- Biol 109 (Not for Biology or Engineering majors)
- French 101, 102, 201, 202
- Math 141, 165
- Pol S 215
- Psych 101
- Soc 134
- Span 101, 102, 201, 202

CLEP General Exams

(If you are enrolling in the College of Engineering, please do not take these general CLEP exams.)

- Humanities (2 credits fine arts & 4 credits literature)
- Natural Sciences (3 credits biological sciences & 3 credits natural sciences)
- Social science and history (4 credits social sciences & 2 credits history)

Tentative Final Exam Schedule

All class work will close on Saturday, 5 p.m., April 30.

Final exams in courses of two or more credits may not be given at a time other than that for which the exam is scheduled by the registrar. An instructor may not give a final exam prior to final exam week nor change the time of offering of the final examination as it appears in the final exam schedule. Permission to change the time for which an exam is scheduled may be given only by the dean of the college. If the instructor elects not to give a final exam, the class is required to meet at the scheduled final exam period for other educational activity such as a review of the course or feedback on previous exams.

With the exception of special group courses, the time for examinations is determined by the student's first contact of the week in each course. Special group courses will be scheduled after spring semester begins if appropriate exam times and rooms can be arranged. When using this tentative schedule, refer to the list of probable special group exam courses. This list of special group exam courses is subject to change.

For courses which are all recitation or lecture, or which have one or more recitations with one or more laboratories, the first recitation or lecture of the week is considered as the first contact of the week. In courses having both recitations and lectures, the department head may determine whether the first lecture or the first recitation is to be considered the first contact.

For courses having a first contact on the half hour, the first full hour following the half hour should be used. For example, 8:30 to 10:00 would have a 9:00 contact, 12:40 to 2:00 would have a 1:00 contact, etc.

Courses with lectures scheduled at 6:00 p.m. or later should give their examinations during finals week from 7:00-9:00 p.m. on the day the class normally meets.

Other courses not provided for on the exam schedule, such as courses with first contact hour Tuesday at 12 or on Wednesday, should test during finals week at a time to be announced by the instructor.

Examinations will be held in the meeting place of the first contact of the week, except those in special groups. For the special groups, the place will be announced by the instructor, and displayed on the Web once room assignments are made (about a month after the start of the semester).

Students who have three or more finals on the same day may request to reschedule a final. To reschedule, the student must notify the instructor on the last day of class before the beginning of dead week so the instructor has time to make appropriate arrangements.

Special Group Exams

The following courses are most likely to have *special group exams* scheduled for Spring 2005. (This list of group exam courses may change due to departmental preference and/or time and room scheduling difficulties.)

Acct 215, 284, 285
 Aer E 160
 Agron 114
 Astro 120
 C I 204
 Chem 165, 178, 332
 Com S 207, 227, 228, 311
 E M 274, 324, 345, 378
 Engr 160
 Fin 301
 Frnch 102, 202
 Geol 100
 M E 270, 324, 325, 335
 Math 151, 165, 166, 195, 196, 265, 266, 267
 MIS 331, 432
 Phys 111, 221, 221H, 222, 222H
 POM 320
 Psych 101 (Sec. A, B, C only), 230, 280
 Soc 134
 Span 102, 202

Exams Based on Contact Hours

Exam times based on first contact hour will be as follows:

First Contact	Exam Day	Exam Time
Mon., 8 a.m.	Fri., May 6	7:30-9:30 a.m.
Mon., 9 a.m.	Tues., May 3	7:30-9:30 a.m.
Mon., 10 a.m.	Wed., May 4	9:45-11:45 a.m.
Mon., 11 a.m.	Mon., May 2	9:45-11:45 a.m.
Mon., 12 p.m.	Wed., May 4	2:15-4:15 p.m.
Mon., 1 p.m.	Thurs., May 5	12:00-2:00 p.m.
Mon., 2 p.m.	Tues., May 3	12:00-2:00 p.m.
Mon., 3 p.m.	Mon., May 2	2:15-4:15 p.m.
Mon., 4 p.m.	Fri., May 6	12:00-2:00 p.m.
Tues., 8 a.m.	Thurs., May 5	7:30-9:30 a.m.
Tues., 9 a.m.	Mon., May 2	7:30-9:30 a.m.
Tues., 10 a.m.	Thurs., May 5	9:45-11:45 a.m.
Tues., 11 a.m.	Tues., May 3	9:45-11:45 a.m.
Tues., 12 p.m.	<i>Exam time to be ann. by instructor</i>	
Tues., 1 p.m.	Fri., May 6	9:45-11:45 a.m.
Tues., 2 p.m.	Mon., May 2	12:00-2:00 p.m.
Tues., 3 p.m.	Wed., May 4	7:30-9:30 a.m.
Tues., 4 p.m.	Thurs., May 5	2:15-4:15 p.m.

Graduation

Undergraduate Students

Spring 2005 graduating seniors are encouraged to submit applications for graduation after registering in October for their final semester. Applications are available from the adviser, college student services office, the Registrar's Graduation Office, 10A Alumni Hall, or website www.iastate.edu/~registrar/graduation/. The application is due in 10A Alumni Hall by Friday, December 17. You will be assessed a \$35 nonrefundable graduation fee the tenth day of classes. (This fee is subject to change.)

Students will be notified of their graduation status no later than midterm. Graduation mailings will be sent to the in-session address. All incompletes must be resolved and transfer grades in the Office of the Registrar by midterm. Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

Ceremony, attendance, and diploma mailing information will be mailed to your in-session address approximately four weeks before graduation. Please notify the Office of the Registrar, 214 Alumni Hall, of any address changes. If you do not receive this information, contact the Registrar's Graduation Office, 10A Alumni Hall, (515)294-9372; e-mail: graduation@iastate.edu.

Undergraduate university commencement ceremony will be held Saturday, May 7, at 1:30 p.m., in Hilton Coliseum.

Final grade checks will be made approximately two weeks after the end of the semester and diplomas will be mailed to all successful degree candidates.

For more information, contact the Registrar's Graduation Office, 10A Alumni Hall, (515)294-9372; e-mail: graduation@iastate.edu.

Teacher Licensure

Students graduating with teaching emphasis may obtain application forms for the Iowa Teachers License in the Education Student Services Office, E105 Lagomarcino. Completed forms and fee should be returned to Education Student Services by midterm of the semester in which the student plans to graduate.

Graduate Students

Specific deadlines have been set by the Graduate College for all graduate students. Failure to meet these deadlines may cause your name to be removed from the graduation list for Spring 2005.

- An "Application for Graduation" (diploma slip) should be obtained from your department and filed in the Graduate College by Friday, January 14.
- Last day for graduate students to cancel graduation, by March 25. All graduate students who haven't cancelled by this date will be assessed a nonrefundable graduation fee.
- A Request for "Final Oral Examination" form should be obtained from your department and submitted to the Graduate College at least three weeks before the final oral examination.
- Final oral examination must be taken by Friday, April 15.
- Final, approved copies of your thesis or dissertation must be submitted to the Thesis Office, 10 Pearson, by Wednesday, April 20.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Friday, April 22. This form will be sent to your major professor or department when your "Request for Final Examination" is approved. All incompletes from past terms and conditions on the final examination must be removed by this date.
- Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

Ceremony, attendance, and diploma mailing information will be mailed to your in-session address approximately four weeks before graduation. Please notify the Office of the Registrar, 214 Alumni Hall, of any address changes. If you do not receive this information, contact the Registrar's Graduation Office, 10A Alumni Hall, (515)294-9372; e-mail: graduation@iastate.edu.

The Graduate College commencement ceremony will be held at 8 p.m., Friday, May 6 in C.Y. Stephens Auditorium.

Final grade checks will be made approximately two weeks after the end of the semester and diplomas will be mailed to all successful degree candidates.

For more information, contact the Graduate College, 10 Pearson, (515)294-4531.

Student Records

Degree Audits

The degree audit lists the courses needed to fulfill graduation requirements for a specific degree program. The purpose of the degree audit is to provide assistance to the student and adviser in choosing courses during the registration process, and to verify the student's progress toward graduation.

Undergraduate students will receive one free degree audit during the registration advising period. In addition, alternative and replacement degree audits are available for \$3 per audit ordered. Orders submitted by noon Thursday are available early the following week.

If you are considering changing your major, you may order an alternative degree audit for the major in which you have an interest. Contact the college student services office (of the major that you are interested in) to request the audit.

To request a replacement degree audit, contact your college student services office.

Freshman Year Report to High Schools

Board of Regents, State of Iowa universities participate with Iowa high schools in an analysis of freshman year academic performance at the end of your freshman year only.

A report of all ISU freshmen from your high school is sent to your high school principal. This report shows how you and your high school classmates perform in comparison to the entire ISU freshman class. For further information, contact the Office of the Registrar, 214 Alumni Hall.

Full-Time/Half-Time Student Status

Full-time status is defined as follows:

Undergraduates: 12 credits for fall or spring semester;
 Graduates: 9 credits for fall or spring semester.

Half-time status is defined as follows:

Undergraduates: 6 credits for fall or spring semester;
 Graduates: 5 credits for fall or spring semester.

Summer status depends on the number of weeks a student is enrolled. Always contact the Office of the Registrar (515-294-1840) to verify a student's status for a summer session.

Transcripts

Official transcripts of your record can be ordered for a charge from AccessPlus; the Office of the Registrar, 214 Alumni Hall, (515)294-1840; or fax by downloading the form from www.iastate.edu/~registrar/forms/#transcript. Transcripts will not be issued if you have any transcript holds for financial delinquency. You may view your unofficial transcript using the AccessPlus system.

Grade Reports

Students can view their grades on AccessPlus by logging in and selecting "Grade Report" from the menu. Grades and marks that may appear on your grade report include the following:

Grade	Quality Points	Grade	Quality Points
A	4.00	C	2.00
A-	3.67	C-	1.67
B+	3.33	D+	1.33
B	3.00	D	1.00
B-	2.67	D-	0.67
C+	2.33	F	0.00

- P = Passing (under the Pass-Not Pass system)
- NP = Non-passing (under the Pass-Not Pass system)
- S = Satisfactory
- T = Satisfactory performance (equivalent to a grade of C or better) in a special exam for academic credit
- X = Course dropped by the student after the first week of the semester
- N = No report submitted by the instructor
- I = Incomplete

For more complete information about Iowa State University's grading system, please refer to the Academic Life section of the *Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005* catalog.

Repeated Courses

If you repeat a course, the permanent record will show the grade on the initial attempt as well as grades received on subsequent attempts. However, only the most recent grade will be used in computing the cumulative grade-point average rather than the previous grade(s). Undergraduate and special students may only repeat up to a limit of 15 semester credits.

Approval to repeat a course after more than three semesters (not including summer) must be noted on a Designation of Repeated Course form. This form can be obtained from departmental offices and must be signed by the head of the department offering the course and your adviser. This form must also be used if the course number or number of credits has changed or whenever the course is being repeated to reduce a transfer deficiency. Process the form in the Office of the Registrar, 214 Alumni Hall.

For more information, please refer to the Academic Life section of the *Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005* catalog.

Veterans Educational Assistance

All students planning to receive Veterans Educational Assistance must provide enrollment information to the V. A. clerks in the Office of the Registrar, 214 Alumni Hall, when registration is complete or veterans enrollment certification will be canceled. Veterans must also notify the V.A. clerks when changing credit hours or withdrawing from school. Credit hour requirements are:

<u>Undergraduate</u>		<u>Graduate</u>
12 cr.	Full allowance	9 cr.
9-11.5 cr.	3/4 allowance	7-8.5 cr.
6-8.5 cr.	1/2 allowance	5-6.5 cr.
1-5.5 cr.	Proration of fee over period enrolled	1-4.5 cr.

Audited courses do not apply toward V. A. benefits.

Students receiving Veterans Educational Assistance are identified on class lists and are required by the V. A. to attend class regularly to maintain their V. A. eligibility. Instructors are obligated to notify the Office of the Registrar if a student receiving V. A. benefits is not attending class. Notification is then forwarded to the Veterans Administration.

Information Disclosure for Students

Iowa State University is required by law to make available to enrolled students, prospective students, and their parents certain information about the University. The information disclosure is available at the following web address: www.iastate.edu/~disclosure/. Students with no electronic access can obtain the information from the Office of the Registrar, 214 Alumni Hall, 515-294-1840 or from the Office of Admissions, 100 Alumni Hall, 515-294-5836. Iowa State will provide a paper copy of the information upon request.

Policy on Student Names

Board of Regents, State of Iowa universities have a common policy regarding student names and name changes. The name on the student record should be the student's complete and legal name. In evaluating and processing all name change requests, the university reserves the right to require adequate and appropriate documentation as warranted.

Release of Student Records

University policy concerning the release of student records complies with the Family Educational Rights and Privacy Act of 1974, as amended. The University has designated the following as "public information" which is available to anyone upon inquiry unless you request that information not be released: name; in-session address and telephone number; campus e-mail address; interim address; home city, county, state, or country; date and place of birth; curriculum; college; year-in-school; enrollment status; dates of attendance at Iowa State; full or part-time status; expected date of graduation; adviser name; awards and academic honors; Iowa State

degree(s) and date(s) awarded; previous educational institutions attended, dates of attendance, and degrees received; participation in officially recognized university activities and sports; and weight and height of members of athletic teams.

To restrict the release of public information, notify the Office of the Registrar, 214 Alumni Hall, and complete the appropriate form no later than the end of the first week of classes.

With the exception of "public information," all student records are considered to be confidential and release is restricted according to University policy. A copy of the release policy can be found in the Office of the Registrar or at www.iastate.edu/~registrar/info/confid.html. The office also maintains a directory of persons who normally have access to each type of student record.

AccessPlus

AccessPlus is Iowa State University's electronic key to personal information via www.accessplus.iastate.edu.

Information on AccessPlus is kept confidential. A social security number or university ID number and university PIN are required to view personal information through AccessPlus. To change your address on AccessPlus, do the following:

From the WWW, go directly to the URL listed above or do the following from the ISU home page:

1. Go to ISU's home page at www.iastate.edu
2. Choose Students
3. Choose AccessPlus
4. After logging in using your social security number or university ID and university PIN, choose Address Change.
5. Read the announcements on the main AccessPlus page, then select the Students tab and choose Address Change.

Follow the instructions on the screens for In-Session and Interim address changes.

Changes to Residence Hall and payroll records must be handled directly with those offices.

Third Party Access

AccessPlus Third Party Access is an option that allows students to grant access to selected personal information to a trusted Third Party. For example, Third Party Access allows a student to set up a special account for a parent or family member to view grades and/or pay the university bill. For more information on creating third party accounts can be found at <https://accessplus.iastate.edu/frontdoor/tpa-info.jsp>.

Services for Students

Campus Parking

Motor vehicles operated on campus must be registered at the Parking System Office in the Armory. For more information, see www.dps.iastate.edu/parking/web/home.htm.

Students who are not Ames residents may purchase permits to park in lot 29. Students living in Ames or those who commute from outside Ames can utilize the free parking and free shuttle bus at the Iowa State Center. The parking lots, A4 and B6, are just south of Stephens Auditorium.

Child Care

Child Care Administration, a unit of Human Resource Services, supports Iowa State University families by linking them with programs and services that can help meet their child care needs. The university child care coordinator is available to assist families in accessing services available both on the campus and in the community. www.hrs.iastate.edu/childcare/homepage.shtml

Child care programs located on campus include:

- Center for Child Care Resources: Assistance in locating campus and community child care services, 100 University Village, Suite 1010, 515-294-8833 or 1-800-437-8599
- University Community Childcare at 100 University Village; 892 Pammel Court, 515-294-9838
- The Comfort Zone: Daycare for kids who don't feel so good, 100 University Village, 515-294-3333.
- Flex-Care: Part time care for children of ISU students, 100 University Village, 515-294-9838.
- University Child Care Center at Veterinary Medicine, 1700 Christensen Drive, 515-294-2273.
- ISU Child Development Laboratory School, Palmer HDFB Building, 515-294-3040.

For more information about child care options, contact the university child care coordinator at 515-294-8827.

Disability Resources

Disability Resources coordinates those support services that students may need in order to reach their fullest academic potential. As part of the Dean of Students Office, the coordinator and the Learning Disability Specialist serve as a resource within the university community concerning students who have a disability. DR provides advocacy, information, support, counseling, education, referral, and awareness to students, faculty, staff, the Ames community, and the state of Iowa. For more information, call (515)294-1020, VTDD (515)294-1021.

Identification Card (ISUCard)

The Iowa State University student identification card (ISUCard) will be made available to you at the time of your first registration. This is a permanent card to be used while attending Iowa State. Loss of your ISUCard should be reported immediately to the ISUCard Office, 0530 Beardshear, where the lost card will be invalidated. There will be a charge for each replacement of an ISUCard. Disciplinary sanctions may be imposed for improper use of the ISUCard or attempts to obtain, by fraudulent means, any form of identification.

Activity Cards for Spouses/Domestic Partners and Children

The Spouse Activity card is available at no charge for spouses, domestic partners, and children of students. These cards provide reduced rates at athletic or C.Y. Stephens events but cannot be used for services such as the Lied Recreation Center, CyCash, or Parks Library. To obtain the card, students must bring proof of marriage (marriage license, joint insurance cards, joint tax return, etc.) to the Student Answer Center, ground floor Beardshear Hall. The Spouse Activity card is valid for one academic year (fall through summer).

For services such as the Lied Recreation Center, CyCash, or Parks Library, students may apply for the Spouse/Domestic Partner card. Both the student and spouse/domestic partner must bring a photo ID and proof of marriage or relationship to 0530 Beardshear. The cost is \$10 per card and the cards expire every year on June 30.

Online *Schedule of Classes*

www.adp.iastate.edu/cgi-bin/class

Schedule of Classes information can be accessed directly at www.adp.iastate.edu/cgi-bin/class above or from the Office of the Registrar's home page: www.iastate.edu/~registrar/. The online *Schedule of Classes* information is updated regularly through the first week of a term. In addition to the course listing, the online information includes meeting rooms, seats open and additional instructor assignments as they become available.

The information below will help you use the search features.

Composing a Search

1. Click on the desired term.
2. Click on the *Course* box and type in the department name or abbreviation (e.g., "Computer Science" or "Com S") and the course number.
3. Click on the *Submit* key.

Search for Evening Classes

Enter "pm" (no periods) in the *Section* field. All courses meeting at 5:00 p.m. or later will be displayed.

Search for Open Seats

Enter the department in the *Course* field and "open" in the *Section* field. (Leave the department field blank to search for all open seats.)

Search for Classes by Number of Credits

Enter the number of credits (e.g., "1.0") in the *Title* field.

Warning

Sometimes you will receive more information than you need. For example, searching for "Com S" courses will also return "Comst" courses.

Evening MBA and Saturday MBA

www.bus.iastate.edu/grad

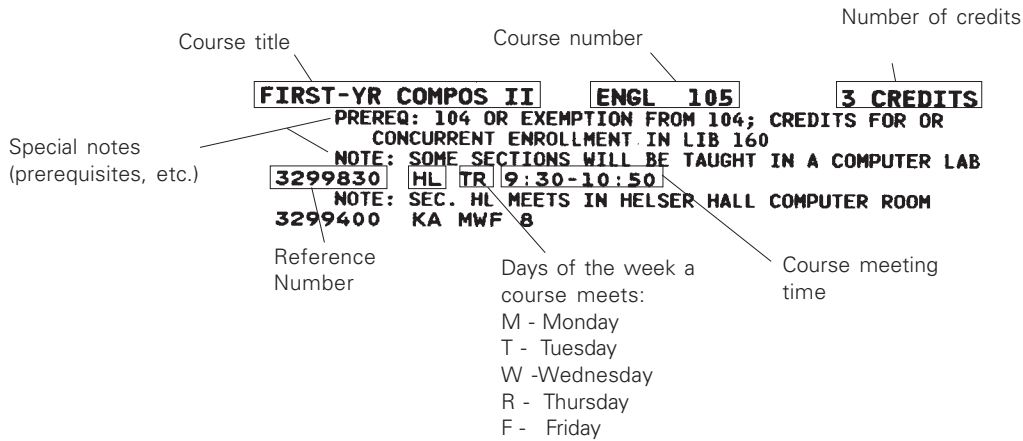
The College of Business offers the Master of Business Administration (MBA) in the evenings in Des Moines and on Saturdays in Ames. These two part-time programs provide an ideal opportunity for students to earn the MBA while working at a full time job.

The Evening MBA and Saturday MBA programs require 48 credit hours of study and can be completed in 31 months. In the Evening MBA program, students attend classes after work twice a week, Saturday classes meet from 8:30 a.m. until 4:30 p.m. Fall and spring semesters are twelve weeks. The summer term is comprised of two, 6-week sessions.

The Evening MBA and Saturday MBA programs are open to all individuals with a bachelor's degree from an accredited college or university. The MBA does not require previous study in business. Students with diverse academic backgrounds and work experiences are encouraged to apply. Both programs admit students for fall semester entry only.

For more information, contact the College of Business, Graduate Programs Office, 218 Carver Hall, Iowa State University, Ames, IA 50011-2063; (515)294-8118 or toll-free (877)ISU-4MBA; e-mail: busgrad@iastate.edu.

Course Information



Course Listing Information

The first line for each course includes the course title as it will appear on transcripts, department abbreviation, course number, and credits or range of credits for the course.

Course Numbering System

- Courses are numbered from 1 to 699, as follows:
- 1-99: Does not carry credit toward a bachelor's degree.
 - 100-299: Primarily for freshmen and sophomores.
 - 300-499: Primarily for juniors and seniors.
 - 500-599: Primarily for graduate students, but open to qualified undergrads.
 - 600-699: For graduate students only.

Footnote Symbols

Footnote symbols will appear to the left of the course title when applicable. These symbols are explained at the bottom of the page.

Course Prerequisites

Course prerequisites, where applicable, are listed in the course listing section of the *Schedule of Classes* and in the *Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005* catalog. A course prerequisite indicates the specific academic background or general academic maturity necessary for the student to be ready to undertake the course. Instructors have the prerogative to direct a student who lacks the stated prerequisite to drop the course. Permission of the instructor is understood to be an alternate to the stated prerequisites in all courses. It is university policy that at the beginning of each course, instructors will inform students who have not met the prerequisite requirements that they must drop the course.

Meeting Days and Times for Classes

Meeting days as well as class start and end times are listed in the course offerings section of this *Schedule of Classes*.

Auditing Courses

To audit a course means to enroll in the course without receiving credit for it. The instructor must approve all audits, and students must register for audits by day 10 of the semester. Students are assessed fees as though they were taking the course for credit, but the course does not count in determining full-time student status. Audits are not recorded on your permanent record except by special request from you and your adviser to your college office and/or dean, with evidence of active involvement in the course.

Changing a course from credit to audit requires dropping the course for credit and adding it as an audit on a schedule change request form. If this occurs after day 5 of the semester, the drop will count toward the total allowable ISU drops.

Canceled Courses

Some course sections may be canceled due to low enrollments or departmental staffing situations. If you enroll in a section that is subsequently canceled, you will be notified by the Registrar's Student Scheduling Office and/or by the department.

Course Comments (Notes)

Some sections are designated in the *Schedule of Classes* as "permission required". You may not use AccessPlus to register for these sections. To add a permission required section, obtain the designated departmental signature on the Schedule Change/Restriction Waiver form, and process the form in the Registrar's Student Scheduling Office, 10 Alumni Hall.

Course Descriptions

Course descriptions can be found in the *Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005* catalog. Copies of the catalog may be purchased in campus area bookstores. The information is also available via www.public.iastate.edu/~catalog/.

Experimental Courses

Experimental courses (course numbers ending in "X") are not included in the *Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005* catalog. Course descriptions for experimental courses can be found via the web www.public.iastate.edu/~catalog/exp

Instructor Information

Instructor information, if available, is printed following the meeting time. Instructor assignments are subject to change. Only one instructor name is printed for each section. Instructor information is also available on the *Online Schedule of Classes*, which is updated periodically.

Linked Courses

Linked courses are two-part courses (e.g., Astro 120 has a lecture section and a discussion section) where you must add both a lettered section such as A or B and a numbered section such as 1, 2, or 3, to complete your registration for this course. Students who do not register for both parts of the course will be dropped from the course due to incomplete registration.

Distance Education Course Information

All distance education course and program information is available via www.lifelearner.iastate.edu/. Information is added and updated frequently on the Web site. If you do not have Internet access or have questions about distance education courses, call Continuing Education and Communication Services at (515)294-6222 or (800)262-0015.

On-Campus Saturday and Evening Courses

Many on-campus evening and Saturday classes are included in the *Online Schedule of Classes* from www.adp.iastate.edu/cgi-bin/class. These courses are open to all students, especially those who are unable to attend daytime classes. To search for evening classes from the Online Schedule of Classes, enter "pm" (without quotes and no periods) in the *Section* field. All courses meeting at 5 p.m. or later will be displayed. Remember that additional offerings may be listed so you should check the meeting times carefully. For questions regarding registration and/or fees, call (515)294-1889.

Partial-Semester Courses

Some courses are offered on a partial-semester basis. Refer to the course listings section for meeting times.

Restricted Sections of Courses

Some course sections are restricted to students who meet specific criteria (major, college, year-in-school, etc.). If a department agrees to waive the restriction due to extenuating circumstances, you must obtain the designated departmental signature on a Schedule Change/Restriction Waiver form and process the form in the Registrar's Student Scheduling Office, 10 Alumni Hall.

Room Assignments

Beginning Monday, December 6, find your room assignments by viewing your schedule on AccessPlus.

Time Conflicts

University policy states that you may not enroll in courses with time conflicts without approval from the involved instructors and/or departments. The web registration system will not prevent you from scheduling time conflicts. It is your responsibility to check your schedule for time conflicts.

Class Attendance

Students are expected to attend class meetings as scheduled. Each instructor sets his or her policy with respect to class attendance, and excuses for absence from class are handled between the student and instructor. The instructor is expected to announce her or his policy at the beginning of the course. In order to attend a given class, a student must be registered for that class. Exceptions to this policy are at the discretion of the instructor.

Credit Involving a Paid Activity

Students may obtain credit for an activity, either on or off campus, for which they are also paid, provided the activity is academically relevant. In order for an activity to be defined as academically relevant, prior arrangements must be made with a faculty member in an appropriate department and must include agreement on (1) the academic objectives which the activity is expected to achieve and (2) the procedure by which the student's learning will be assessed. This policy does not apply to registrations for R credit.

Late Registration

A late registration fee is charged beginning on the first day of classes. Registration should be completed by the end of the fifth day of classes. To register after the fifth day of classes, you must obtain written permission from the instructors of the courses you plan to take, as well as approval of your college office and/or dean.

Maximum Credits Per Semester

Undergraduate students have a credit limit of 18 and graduate students have a credit limit of 15. The web registration system will not allow you to add credits beyond this limit. There may be cases where your adviser and/or college would approve a higher (or lower) credit limit. Contact your adviser for more information.

Pass-Not Pass

Check with your adviser/major professor to find out which courses you may take Pass-Not Pass. To take a course Pass-Not Pass, add the course through the web registration system on a graded basis. Then to declare the course Pass-Not Pass, obtain the signature of your adviser/major professor in the Pass-Not Pass section of the Schedule Change/Restriction Waiver form and process the form in the Registrar's Student Scheduling Office, 10 Alumni Hall. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to the *Iowa State University Undergraduate and Graduate Courses and Programs 2003-2005* catalog.

Videotaping/Audiotaping Classes

Courses may be videotaped for various reasons, including distance learning. Instructors may audiotape courses for personal reasons. Audiotapes may be made to accommodate a student's disability. Students shall not record and/or reproduce such audiotapes without the instructor's permission.

Registration Holds

If you have a registration hold, you will not have access to register until the hold has been released by the initiating office.

Validation of Enrollment

To validate your enrollment in each course at the beginning of the semester, you must attend the first or second meeting (first meeting if the class meets only once a week). If you add a course after the term begins, you must attend the next class meeting. The instructor has the option to offer a registered place in the course to another student if you fail to validate your enrollment or obtain prior approval of the instructor. ***You will not automatically be dropped from the course if you fail to validate your enrollment. You must process the drop yourself or you will receive an F grade.***

Campus Buildings and Abbreviations

Abbr.	Building	Abbr.	Building
Agron	Agronomy Hall	Jischke	Martin Jischke Honors Bldg.
Ames Hi	Ames High School	Kildee	Kildee Hall
Armory	Armory	KS Com*	Knapp-Storm Commons
Atansff	Atanasoff Hall	L A	Landscape Architecture Bldg.
Bessey	Bessey Hall	L Mech	Laboratory of Mechanics
Beyer	Beyer Hall	Lagomar	Lagomarcino Hall
Black	Black Engineering Bldg.	LeBaron	LeBaron Hall
Brunnie	Brunnier Museum (in Scheman)	Library	Parks Library
Carver	Carver Hall	MacKay	MacKay Hall
Com Bldg	Communications Bldg.	MWL Com*	Maple-Willow-Larch Commons
Coover	Coover Hall	Marston	Marston Hall
Curtiss	Curtiss Hall	Meats L	Meats Laboratory
Dairy F	Dairy Farm	Mem Un/MU	Memorial Union
David	Davidson Hall	Mol-Bio	Molecular Biology Bldg.
Design	College of Design	Music	Music Hall
Durham	Durham Center	Palmer	Palmer HDFS Bldg.
E Hall	East Hall	Pearson	Pearson Hall
Farm Bu	Farm Bureau Livestock Pav.(Kildee)	Physics	Physics Hall
Food Sc	Food Sciences Building	Phys A	Physics Hall Addition
Forker	Barbara Forker Building	Roberts*	Roberts Residence Hall
Friley*	Friley Residence Hall	Ross H	Ross Hall
Gerdin	Gerdin Business Building	Science	Science Hall I
Gilman	Gilman Hall	Sci 2	Science Hall II
Hamiltn	Hamilton Hall	Seed	Seed Science Bldg.
Heady	Heady Hall	Sned H	Snedecor Hall
Hoover	Hoover Hall	St Gym	State Gymnasium
Hort	Horticulture Hall & Greenhouse	Sweeney	Sweeney Hall
Howe	Howe Hall	Town	Town Engineering Bldg.
I Ed I	Industrial Education Bldg. I	Vet Med	Veterinary Medicine Bldg.
I Ed II	Industrial Education Bldg. II		
Insect	Insectary and Greenhouse		

*: Residence Hall

Other Campus Buildings

ASB	Administrative Services Bldg.	Jacobsn	Richard Jacobson Athletic Bldg.
Alum H	Alumni Hall	Lied/Rec	Lied Recreation Center
Bdshr	Beardshear Hall	Scheman	Scheman Center
Campani	Campanile	Sloss H	Sloss House
Catt	Carrie Chapman Catt Hall	Stadium	Jack Trice Stadium
Farm H	Farm House Museum	Std Hth	Thielen Student Health Center
Fisher	Fisher Theater	Std Ser/SSB	Student Services Bldg.
Hilton	Hilton Coliseum	Stephen	Stephens Auditorium
Hub	Hub	Wall Rd.	Wallace Road Office Bldg.

Name (please print): _____
(Last) (First) (Middle) (Term)

Please provide your **university ID** _____

If you have problems with the registration system, call the Registrar's Office (515-294-2331), from 8 a.m. to 4:30 p.m. Monday-Friday.

- A. **View the *Online Schedule of Classes* at <http://www.ats.iastate.edu/cgi-bin/class>** for the list of classes offered for the term. Use the spaces provided below to plan the courses you want on your schedule.
- B. **Meet with your adviser** to discuss your courses and to obtain your Registration Access Number (RAN), if required by your college.
- C. **Register via AccessPlus <http://accessplus.iastate.edu/>**. Follow the instructions and prompts on the screens. *It is your responsibility to check for schedule conflicts.* Attempt to add a course you need even if the section is closed. This action helps the University monitor unmet course demand.

D. Additional Registration Regulations

Using the AccessPlus registration system is a privilege, which may be revoked if abuse is detected. Abuse includes, but is not limited to, creating and using an automated program to search for course openings and/or enrolling in a section with the intent of reserving space in that particular section for another student. The Office of the Registrar, college office, and/or advisers have the right to determine abuse and revoke privileges for any type of registration system abuse.

A late registration fee is assessed for registration initiated on or after the first day of classes for fall and spring terms. This fee is not charged for the summer term. If registration is not completed by the end of the fifth day of classes, students must obtain written permission from their advisers, the instructors for the courses they plan to take, as well as approval from the dean of the college in which they are registered. During the summer session, these approvals must be obtained in order to register after the third day of classes.

Courses—Be prepared with alternative course selections in case your first choice courses are closed.

Reference #	Department	Course	Section	Credit	Meeting Day(s) and Time	Notes (OK, full, etc.)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Alternative courses

_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
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Notes

Adviser Signature: _____ Date Approved: _____

Registration Trial Schedule Grid

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
7:00 a.m.						
8:00 a.m.						
9:00 a.m.						
10:00 a.m.						
11:00 a.m.						
12:10 noon						
1:10 p.m.						
2:10 p.m.						
3:10 p.m.						
4:10 p.m.						
5:10 p.m.						
6:00 p.m.						
7:00 p.m.						
8:00 p.m.						
9:00 p.m.						

ACCOUNTING

ACCOUNTING

LEGAL ENVIRONMT BUS ACCT 215 3 CR.

PREREQ: SOPH CLASSIFICATION
COURSE RESTRICTED TO SOPH AND ABOVE

5277005 A MWF 9:00-9:50 CURTIS L
5277010 B MWF 11:00-11:50 CURTIS L

FINANCIAL ACCOUNTNG ACCT 284 3 CR.

COURSE NOT OPEN TO GRADUATE STUDENTS. COURSE
RESTRICTED TO SOPHS AN ABOVE.

1110005 A TR 11:00-12:20 MAZZITELLI J
1110010 B TR 9:30-10:50 MAZZITELLI J
1110015 C MWF 1:10-2:00 CLEM A
1110020 D TR 5:10-6:30PM
1110025 E MWF 11:00-11:50 CLEM A

MANAGERIAL ACCOUNTG ACCT 285 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 284

COURSE NOT OPEN TO GRADUATE STUDENTS. COURSE
RESTRICTED TO SOPHS AN ABOVE.

PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

1112005 A TR 12:40-2:00 DUFFY J
1112010 B TR 9:30-10:50 DUFFY J
1112015 C MW 6:00-7:20PM

HONORS MANAGERL ACC ACCT 285H 3 CR.

PREREQ: 284
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

7690005 A TR 9:30-10:50 RAVENSCROFT S

BUSINESS LAW ACCT 316 3 CR.

PREREQ: 215
COURSE RESTRICTED TO COLLEGE OF BUSINESS ONLY.
NOT OPEN TO P BUS MAJORS OR GRADUATE STUDENTS.

PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

5278005 A MWF 8:00-8:50 CURTIS L

INTMD MANAGERL ACCT ACCT 383 3 CR.

PREREQ: 285 OR 508
SECT A1,B1,C1 RESTICTED TO ACCT MAJORS ONLY.
SECT A2,B2,C1 RESTICTED TO BUS MAJORS EXCEPT ACCT,
P BUS OR GRADUATE STUDENTS.

PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

1117005 A1 R 5:10-7:40PM
1117010 A2 R 5:10-7:40PM
1117015 B1 TR 2:10-3:30
1117020 B2 TR 2:10-3:30
1117025 C1 W 6:00-9:00PM
1117030 C2 W 6:00-9:00PM

ACCT INFO SYSTEMS ACCT 384 3 CR.

PREREQ: 285
COURSE RESTRICTED TO ACCT MAJORS ONLY. NOT
OPEN TO P BUS OR GRADUATE STUDENTS.

PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

1123005 A TR 11:00-12:20 JANVRIN D
1123015 B TR 12:40-2:00 JANVRIN D

INTMED ACCOUNTING I ACCT 386 3 CR.

PREREQ: 285 OR 508
SECTS A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY.
SECTS A2,B2,C2 FOR OTHER BUSINESS COLLEGE MAJORS
AND AG B. NOT OPEN TO P BUS MAJORS OR GRAD STUDENTS.
OPEN TO P BUS OR GRADUATE STUDENTS.

PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

1118005 A1 TR 8:00-9:20 SMITH D
1118010 A2 TR 8:00-9:20 SMITH D
1118015 B1 TR 9:30-10:50 SMITH D
1118020 B2 TR 9:30-10:50 SMITH D
1118025 C1 MW 3:10-4:20 JEFFREY C
1118030 C2 MW 3:10-4:20 JEFFREY C

INTMD ACCOUNTING II ACCT 387 3 CR.

PREREQ: 386
SECTIONS A1,B1,C1 RESTRICTED TO ACCT MAJORS ONLY
SECTIONS A2,B2,C2 RESTRICTED TO AG B, BUS S, BUS U,
FIN, MGMT, MIS, MKT, POM, TRLOG MAJORS ONLY.
NOT OPEN TO P BUS OR GRADUATE STUDENTS.

PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

1119005 A1 MWF 8:00-8:50 DORAN B
1119010 A2 MWF 8:00-8:50 DORAN B
1119015 B1 MWF 10:00-10:50 DORAN B
1119020 B2 MWF 10:00-10:50 DORAN B
1119025 C1 MWF 2:10-3:00 DORAN B
1119030 C2 MWF 2:10-3:00 DORAN B

PRIN FED INCOME TAX ACCT 485 3 CR.

PREREQ: 285 OR 508
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

1121005 A1 TR 12:40-2:00 TERANDO W
SECTION A1 RESTRICTED TO ACCT MAJORS

ONLY.
1121010 A2 TR 12:40-2:00 TERANDO W
SECTION A2 RESTRICTED TO BUS MAJORS
ONLY.

NONPROFIT INST ACCT ACCT 488 3 CR.

PREREQ: 386 OR 508
COURSE NOT OPEN TO GRADUATE STUDENTS
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

1120005 A TR 2:10-3:30

INDEPENDENT STUDY ACCT 490 1- 3 CR.

PREREQ: 285, SR CLASSIFICATION, INSTR PERMISSN
COURSE RESTRICTED TO ACCT MAJORS ONLY
DEPARTMENT PERMISSION REQUIRED, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

ADV ACCT PROBLEMS ACCT 495 3 CR.

PREREQ: 387
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

7148005 A MWF 10:00-10:50 CLEM A

INTRO TO AUDITING ACCT 497 3 CR.

PREREQ: 384, 386 AND STAT 326
COURSE RESTRICTED TO ACCT MAJORS ONLY
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

1126005 A TR 9:30-10:50 DILLA W
1126010 B TR 11:00-12:20 DILLA W

ACCOUNTING

DATA MGT DECISN MAK ACCT 533 3 CR.
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7169005 A MW 3:40-5:00

ADV FEDERAL TAXATN ACCT 586 3 CR.
 PREREQ: 485
 7001005 A TR 2:10-3:30

SPECIAL TOPICS ACCT 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ACCNTNG PROBLMS ACCT 595 3 CR.
 PREREQ: 387
 1011005 A MWF 10:00-10:50 CLEM A

FIN ACCT:THRY & ISS ACCT 598 3 CR.
 PREREQ: 386 & 383 OR 508
 5338005 A W 6:00-9:30PM JEFFREY C
 SECT A:JAN 19-APRIL 13

CREATIVE COMPONENT ACCT 599 2 CR.
 PREREQ: ADMISSION TO THE MASTER OF ACCT PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADVERTISING

ADVERTISING PRINCIP ADVRT 230 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 4667005 1 TR 8:00-9:20

STRATEG PLAN AD &PR ADVRT 301 3 CR.
 PREREQ: 230 OR JL MC 220; MAJORS AND MINORS MUST
 ALSO HAVE CR OR CONCURRENT ENROLLMENT IN JL MC 201
 SEC 1A, 2A RESTRICTED TO JL MC, ADVRT, P JMC,
 P ADV. SEC 1B, 2B FOR MAJORS OTHER THAN JL MC,
 ADVRT, P JMC AND P ADV
 4439005 1A TR 9:30-10:50
 4439010 1B TR 9:30-10:50
 4439015 2A TR 12:40-2:00
 4439020 2B TR 12:40-2:00

ADVERTSNG CREATIVTY ADVRT 334 3 CR.
 PREREQ: 301
 4669005 1A TR 9:30-10:50
 ARRANGED
 SECT 1A RESTRICTED TO JL MC, ADVRT, P

JMC.
 AND P ADV.
 4669010 1B TR 9:30-10:50
 ARRANGED
 SECT 1B FOR MAJORS OTHER THAN JL MC,
 ADVRT,
 P JMC, P ADV.

ADVERT MEDIA BUYING ADVRT 335 3 CR.
 PREREQ: 230
 4670005 1A TR 2:10-3:30
 SEC 1A RESTRICTED TO JL MC, ADVRT, P
 JMC, P ADV
 4670010 1B TR 2:10-3:30
 SECTION 1B FOR MAJORS OTHER THAN JL MC,
 ADVRT,
 P JMC, P ADV

ADVERTISING

ADVERTISING CAMPGNS ADVRT 434 3 CR.
 PREREQ: 301 AND 334 OR 335 OR 336
 4685005 1 TR 11:00-12:20

ADV AD/PUB REL CAMP ADVRT 435 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR; JUNIOR/SENIOR
 STANDING STRONGLY RECOMMENDED
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4686005 1 R 4:10-5:00, ARRANGED
 4686010 2 R 6:30-7:30PM
 ARRANGED

AEROSPACE ENGINEERING

AEROSPAC ENG PROBLM AER E 160 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: CREDIT OR ENROLLMENT IN MATH 142, 165
 6215005 1 MW 10:00-10:50
 T 10:00-11:50
 6215010 2 MW 10:00-10:50
 R 10:00-11:50

NUM&GRAPH TCHNQ AER AER E 161 3 CR.
 PREREQ: MATH 141 OR 142 OR SATISFACTORY SCORES ON
 MATH PLACEMENT EXAM; CR OR ENROLLMENT IN MATH 165,
 PROFICIENCY IN FORTRAN PROGRAMMING LANGUAGES
 COURSE RESTRICTED TO AER E MAJORS ONLY
 7834005 1 MW 9:00-9:50
 M 1:10-3:00
 7834010 2 MW 9:00-9:50
 T 1:10-3:00
 7834015 3 MW 9:00-9:50
 W 1:10-3:00
 7834020 4 MW 9:00-9:50
 R 1:10-3:00

HON NUM&GRAPH TCHNQ AER E 161H 3 CR.
 PREREQ: MATH 141 OR 142 OR SATISFACTORY SCORES ON
 MATH PLACEMENT EXAM; CR OR ENROLLMENT IN MATH 165,
 PROFICIENCY IN FORTRAN OR C PROGRAMMING LANGUAGES,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 8247005 1 MW 9:00-9:50
 F 10:00-11:50PM

AEROSPACE SEMINAR AER E 192 R CR.
 SATISFACTORY-FAIL ONLY.
 1085005 T 3:10-4:00

INSTRUMENTATION LAB AER E 202 1 CR.
 PREREQ: MATH 165, CREDIT OR ENROLLMENT IN
 AER E 161 AND PHYS 221
 COURSE RESTRICTED TO AER E MAJORS ONLY
 1172005 1 F 9:00-9:50
 M 1:10-3:00
 1172010 2 F 9:00-9:50
 T 1:10-3:00
 1172015 3 F 9:00-9:50
 R 1:10-3:00
 1172020 4 F 9:00-9:50
 RF 1:10-3:00

AEROSPACE ENGINEERING

AEROSPACE ENGINEERING

HONR INSTRUMNTN LAB AER E 202H 1 CR.
 PREREQ: MATH 165, CREDIT OR ENROLLMENT IN
 AER E 161 AND PHYS 221, MEMBERSHIP IN UNIVERSITY
 HONORS PROGRAM
 8248005 1 F 9:00-9:50
 F 10:00-11:50

AERODYNAMICS I AER E 243 3 CR.
 PREREQ: GRADE OF C- OR BETTER IN 261, MATH 265,
 ENROLLMENT IN 243L
 COURSE RESTRICTED TO AER E MAJORS ONLY
 1175005 TR 9:30-10:45

AERODYNAMICS LAB I AER E 243L .5 CR.
 PREREQ: 202, ENROLLMENT IN AER E 243
 COURSE RESTRICTED TO AER E MAJORS ONLY
 1177005 1 T 1:10-3:00
 SECT 1:MARCH 7-MAY 6
 1177010 2 R 1:10-3:00
 SECT 2:MARCH 7-MAY 6
 1177015 3 T 3:10-5:00
 SECT 3:MARCH 7-MAY 6
 1177020 4 R 3:10-5:00
 SECT 4:MARCH 7-MAY 6

INTRO AEROSPAC ENGR AER E 261 3 CR.
 PREREQ: 161, MATH 166, PHYS 221
 COURSE RESTRICTED TO AER E MAJORS ONLY
 6021005 MWF 11:00-11:50

INDEPENDENT STUDY AER E 290X 1- 3 CR.
 PREREQ: APPROVAL OF THE DEPARTMENT
 COURSE OFFERED FOR 2 CREDIT SPRING 2005
 2651005 TR 4:10-6:00PM

AEROSPACE SEMINAR AER E 292 R CR.
 SATISFACTORY-FAIL ONLY.
 1115005 M 4:10-5:00

COOPERATIVE EDUC AER E 298 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 1159005 ARRANGED

GAS DYNAMICS AER E 311 3 CR.
 PREREQ: 243, M E 330, ENROLLMENT IN 311L
 COURSE RESTRICTED TO AER E MAJORS ONLY.
 CONCURRENT ENROLLMENT IN AER E 311L REQUIRED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1179005 MWF 1:10-2:00

GAS DYNAMICS LAB AER E 311L .5 CR.
 PREREQ: 243, 243L, ENROLLMENT IN 311
 COURSE RESTRICTED TO AER E MAJORS ONLY.
 CONCURRENT ENROLLMENT IN AER E 311 REQUIRED
 1180005 1 T 8:00-9:50
 SECT 1:MARCH 7-MAY 6
 1180010 2 T 12:10-2:00
 SECT 2:MARCH 7-MAY 6
 1180015 3 T 4:10-6:00PM
 SECT 3:MARCH 7-MAY 6
 1180020 4 R 8:00-9:50
 SECT 4:MARCH 7-MAY 6
 1180025 5 R 12:10-2:00
 SECT 5:MARCH 7-MAY 6

GAS DYNAMICS LAB AER E 311L .5 CR.
 1180030 6 R 4:10-6:00PM
 SECT 6:MARCH 7-MAY 6

FLIGHT CONTROL SYS I AER E 331 3 CR.
 PREREQ: 355
 COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1235005 MWF 9:00-9:50

AERODYNAMICS II AER E 343 3 CR.
 PREREQ: CR OR ENROLLMT IN 311, ENROLLMENT IN 343L
 COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1166005 TR 8:00-9:15

AERODYNAMICS LAB II AER E 343L 1 CR.
 PREREQ: ENROLLMENT IN 343
 COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 1271005 1 T 10:00-10:50
 T 11:00-1:00
 1271010 2 T 10:00-10:50
 T 1:10-3:00
 1271015 3 T 10:00-10:50
 T 3:10-5:00
 1271020 4 T 10:00-10:50
 R 10:00-11:50
 1271025 5 T 10:00-10:50
 R 12:10-2:00

COMP TECHNQ AER DSN AER E 361 3 CR.
 PREREQ: 243, MATH 267, E M 324, E M 345
 COURSE RESTRICTED TO AER E JUNIORS & SENIORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1170005 1 MW 2:10-3:00
 T 2:10-4:00
 1170010 2 MW 2:10-3:00
 R 2:10-4:00
 1170015 3 MW 2:10-3:00
 T 4:10-6:00PM

AEROSPACE SEMINAR AER E 392 R CR.
 SATISFACTORY-FAIL ONLY.
 1151005 1 T 4:10-5:00

ENGR INTERNSHIP AER E 397 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 9426005 ARRANGED

COOPERATIVE EDUC AER E 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 298, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 1171005 ARRANGED

ADV FLIGHT STRUCTRS AER E 421 3 CR.
 PREREQ: 321, MATH 266 OR 267
 COURSE RESTRICTED TO AER E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1176005 MWF 3:10-4:00

AEROSPACE ENGINEERING

AEROSPACE ENGINEERING

DSIGN AEROSP STRUCT AER E 426 3 CR.
 PREREQ: E M 324
 COURSE RESTRICTED TO AER E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6157005 TR 12:10-1:00
 TR 1:10-2:00

ASTRODYNAMICS II AER E 451 3 CR.
 PREREQ: 351
 COURSE RESTRICTED TO AER E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1184005 MWF 11:00-11:50

MOD DESIGN METHODOL AER E 461 3 CR.
 PREREQ: 361,311,321,351,355
 COURSE RESTRICTED TO AER E SENIORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1186005 MW 1:10-2:00
 M 4:10-6:00PM

DESIGN AEROSPAC SYS AER E 462 3 CR.
 PREREQ: 461
 COURSE RESTRICTED TO AER E SENIORS ONLY
 1187005 1 T 9:00-9:50
 T 11:00-2:00
 R 9:00-11:50
 1187010 2 T 9:00-9:50
 T 3:10-6:00PM
 R 1:10-4:00

SPACECFT SYST ANALY AER E 464 3 CR.
 PREREQ: 351
 COURSE RESTRICTED TO AER E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1188005 MWF 8:00-8:50

IND STD A/GAS DYNAM AER E 490A 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 1189005 ARRANGED

IND STDY PROPULSION AER E 490B 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 1190005 ARRANGED

IND STD AEROS STRUC AER E 490C 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 1191005 ARRANGED

IND STD FLIGHT DYNA AER E 490D 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 1192005 ARRANGED

IND STD SPACECR SYS AER E 490E 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 1193005 ARRANGED

IND ST FLT CONT SYS AER E 490F 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 1194005 ARRANGED

IND STD AEROELASTIC AER E 490G 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 1195005 ARRANGED

INDEP STUDY HONORS AER E 490H 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 UNIV HONORS PROGRAM MEMBERSHIP
 1196005 ARRANGED

INDEP STUDY DESIGN AER E 490I 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 1197005 ARRANGED

IND STD NONDESTR EV AER E 490J 1- 6 CR.
 PREREQ: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
 1217005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

AEROSPACE SEMINAR AER E 491 R CR.
 SATISFACTORY-FAIL ONLY.
 COURSE RESTRICTED TO AER E MAJOR ONLY.
 1198005 R 2:10-3:00

AEROSPACE SEMINAR AER E 492 R CR.
 SATISFACTORY-FAIL ONLY.
 COURSE RESTRICTED TO AER E MAJORS ONLY.
 1199005 TR 3:40-5:00

COOPERATIVE EDUC AER E 498 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 398, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 1200005 ARRANGED

NUMERIC MESH GENRTN AER E 524 3 CR.
 PREREQ: MATH 385, PROFICIENCY IN PROGRAMMING
 1702005 MWF 4:10-5:00

FINITE ELEMENT ANLY AER E 525 3 CR.
 PREREQ: E M 425, MATH 385
 7252005 MWF 3:10-4:00

AUTO CNTROL FLT VEH AER E 531 3 CR.
 PREREQ: 331
 1204005 MWF 9:00-9:50

COMPRESBL FLUID FLO AER E 532 3 CR.
 PREREQ: M E 335 OR AER E 541
 6032005 A TR 8:00-9:20

VISCOUS FLOW AERODY AER E 543 3 CR.
 PREREQ: 541
 1210005 MWF 3:10-4:00

APPLIED WING THEORY AER E 544 3 CR.
 PREREQ: 532
 1211005 MWF 11:00-11:50

AEROSPACE ENGINEERING

AEROSPACE ENGINEERING

FLU MECH&HEAT TR II AER E 547 3 CR.
 PREREQ: 546
 1213005 MWF 2:10-3:00

WIND ENGINEERING AER E 570 3 CR.
 PREREQ: E M 378, E M 345
 7628005 ARRANGED

RANDOM SIGNAL&KALMN AER E 573 3 CR.
 PREREQ: E E 321 OR AER E 331 OR M E 370 OR 411
 OR MATH 341 OR 395
 8187005 MWF 10:00-10:50

OPTIMAL CONTROL AER E 574 3 CR.
 PREREQ: 577
 8188005 MWF 1:10-2:00

MOD CONTRL SYSTM II AER E 578 3 CR.
 PREREQ: 577
 8191005 TR 9:30-10:50

SPL TOP AER DYNAMCS AER E 590A 1- 5 CR.
 1219005 ARRANGED

SPCL TOP PROPULSION AER E 590B 1- 5 CR.
 1220005 ARRANGED

SPL TOP AEROS STRUC AER E 590C 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FLIGHT DYNA AER E 590D 1- 5 CR.
 1222005 ARRANGED

SPL TOP SPACECR SYS AER E 590E 1- 5 CR.
 1223005 ARRANGED

SPL TOP FLIGHT CONT AER E 590F 1- 5 CR.
 1224005 ARRANGED

SPL TOP AEROELASTIC AER E 590G 1- 5 CR.
 1225005 ARRANGED

SPL TOP VISCOUS AER AER E 590H 1- 5 CR.
 1226005 ARRANGED

SPECL TOPICS DESIGN AER E 590I 1- 5 CR.
 1227005 ARRANGED

SPL TOP HYPERSONICS AER E 590J 1- 5 CR.
 1228005 ARRANGED

SPL TOP COMP AERODY AER E 590K 1- 5 CR.
 1229005 ARRANGED

SPCL TOP OPTIMIZATN AER E 590L 1- 5 CR.
 2248005 ARRANGED

SPL TOP WIND ENGINR AER E 590N 1- 5 CR.
 1452087 SA ARRANGED SARKAR P

GRD STDT SEMNAR SER AER E 591X R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7228005 ARRANGED

CREATIVE COMPONENT AER E 599 1- 5 CR.
 1233005 ARRANGED

VISC FLW ASYMP THRY AER E 662 3 CR.
 PREREQ: 661, 541
 7883005 MWF 11:00-11:50

ADV TOP AER DYNAMCS AER E 690A 1- 5 CR.
 1248005 ARRANGED

ADV TOPC PROPULSION AER E 690B 1- 5 CR.
 1249005 ARRANGED

ADV TOP AEROS STRUC AER E 690C 1- 5 CR.
 1250005 ARRANGED

ADV TOP FLIGHT DYNA AER E 690D 1- 5 CR.
 1251005 ARRANGED

ADV TOP SPACECR SYS AER E 690E 1- 5 CR.
 1252005 ARRANGED

ADV TOP FLIGHT CTRL AER E 690F 1- 5 CR.
 1253005 ARRANGED

ADV TOP AEROELASTIC AER E 690G 1- 5 CR.
 1254005 ARRANGED

ADV TOP VISCOUS AER AER E 690H 1- 5 CR.
 1255005 ARRANGED

ADV TOPICS DESIGN AER E 690I 1- 5 CR.
 1256005 ARRANGED

ADV TOP HYPERSONICS AER E 690J 1- 5 CR.
 1257005 ARRANGED

ADV TOP COMP AERODY AER E 690K 1- 5 CR.
 1258005 ARRANGED

ENGINEERG INTERNSHP AER E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DOGE, GRADUATE CLASSIFICATN
 8131005 ARRANGED
 COLLEGE PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

RESEARCH AER E 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

AFRICAN AMERICAN STUDIES

INTRO AFRIC AMER ST AF AM 201 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8310005 A T 3:40-5:00
 R 3:40-5:00
 8310010 B T 3:40-5:00
 R 3:40-5:00

AGRICULTURAL EDUCATION & STUDIES

AFRICAN AMERICAN STUDIES

INTRO AFRIC AMER ST AF AM 201 3 CR. 8310015 C T 3:40-5:00 R 3:40-5:00 8310020 D T 3:40-5:00 R 3:40-5:00	AG BIOTECHN COLLOQ AGEDS 112 1 CR. PREREQ: ENROLLMENT AS AN AG EXCELLENCE SCHOLAR 1303005 T 1:10-2:00
PEOPLE&CULTR AFRICA AF AM 325 3 CR. PREREQ: ANTHR 201 OR 306 RECOMMENDED MEETS INTERNATIONAL PERSPECTIVES REQMT. 1507005 MW 3:10-4:30 JONES A	FIELD EXP HIGH SCHL AGEDS 211A 1 CR. PREREQ: 110 7586005 1 ARRANGED
ETHNIC&RACE RELATNS AF AM 330 3 CR. PREREQ: SOC 130 OR 134 SECTIONS A1,B1 RESTRICTED TO SOC, P S A MAJORS. SECTIONS A2,B2 FOR MAJORS OTHER THAN SOC, P S A MEETS U.S. DIVERSITY REQMT. 8638005 A1 MWF 1:10-2:00 8638010 A2 MWF 1:10-2:00 8638015 B1 TR 12:40-2:00 8638020 B2 TR 12:40-2:00	FIELD EXP EXTENSION AGEDS 211B 1 CR. PREREQ: 110 7594005 1 ARRANGED
CONTEMP AFRI AM LIT AF AM 348 3 CR. PREREQ: ENGL 105 MEETS U.S. DIVERSITY REQMT. AVAILABLE FOR NONMAJOR GRADUATE CREDIT. 8632005 A1 TR 12:40-2:00 SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY 8632010 A2 TR 12:40-2:00 SECTION A2 RESTRICTED TO MAJORS OTHER THAN ENGL, TCOMM	FIELD EXP AG INDUST AGEDS 211C 1 CR. PREREQ: 110 7603005 1 ARRANGED
AFRICAN AMERI WOMEN AF AM 350 3 CR. MEETS U.S. DIVERSITY REQMT. AVAILABLE FOR NONMAJOR GRADUATE CREDIT. INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 2570005 TR 12:40-2:00	CAREER SEMINAR AGEDS 215 1 CR. PREREQ: SOPHOMORE CLASSIFICATION 1385005 1 TR 11:00-11:50 SECT 1:JAN 10-MARCH 4 1385010 2 TR 11:00-11:50 SECT 2:MARCH 7-MAY 6
HIST AFRICN AMER II AF AM 354 3 CR. PREREQ: SOPHOMORE CLASSIFICATION COURSE IS RESTRICTED TO SOPH AND ABOVE. MEETS U.S. DIVERSITY REQMT. 8744005 TR 9:30-10:50	EDU YOUTH THRU HORT AGEDS 282 3 CR. FIELD TRIPS & TRAVEL FEE \$15.00 7423005 MW 1:10-2:00 HAYNES C M 2:10-5:00
SEM AFRIC AMER CULT AF AM 460 3 CR. MEETS U.S. DIVERSITY REQMT. AVAILABLE FOR NONMAJOR GRADUATE CREDIT. 6688005 ARRANGED INSTRUCTOR PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL	SPECIAL PROBLEMS AGEDS 290 1- 3 CR. INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 1270005 ARRANGED
INDEPENDENT STUDY AF AM 490 1- 3 CR. PREREQ: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR AND OF THE CHAIR OF THE AF AM STUDIES PROGRAM INSTRUCTOR PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 8357005 ARRANGED	FOUND AG ED PROGRMS AGEDS 310 2 CR. 8790005 TR 9:30-10:20
EDUC BLACKS IN U.S. AF AM 578X 3 CR. PREREQ: PERMISSION OF INSTRUCTOR 7785005 W 1:10-4:00	PRESENTN STRATEGIES AGEDS 311 3 CR. 1272005 1 MWF 11:00-11:50 1272010 2 MWF 9:00-9:50 1272015 3 TR 9:30-10:50
	LEADERSHIP IN AGRIC AGEDS 315 3 CR. 1273005 1 MWF 10:00-10:50 1273010 2 MWF 8:00-8:50
	TEACHING AG SCI/BUS AGEDS 402 3 CR. PREREQ: 401 1276005 MWF 9:00-11:50 TR 9:30-12:30 JAN 10-FEB 4
	INTERNSHIP IN AGEDS AGEDS 412 2- 6 CR. PREREQ: 211, JR CLASSIF IN AGEDS, INSTR PERMISSN AVAILABLE FOR NONMAJOR GRADUATE CREDIT. ***** SEE DEPT FOR REFERENCE NUMBERS
	NONFORMAL AG ED PRG AGEDS 414 2 CR. PREREQ: 211 AND PERMISSION OF INSTRUCTOR AVAILABLE FOR NONMAJOR GRADUATE CREDIT. INSTRUCTOR PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL 1278005 1 TR 1:10-2:00

AGRICULTURAL EDUCATION & STUDIES

PRE-STDT TCHG EXPER AGEDS 416 1 CR.
 PREREQ: 211, 402 AND ADMISSION TO TEACHER EDUC PROGRAM. CONCURRENT ENROLLMENT IN 417 IS REQUIRED. AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1886005 1 ARRANGED

SUPR TCHNG AG PROGS AGEDS 417 12 CR.
 PREREQ: 211, 402 & ADMISSION TO TEACHER EDUC PROG PROFESSIONAL SUPPORT FEE \$150.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1281005 1 ARRANGED

SUPRV EXTENSN EXPER AGEDS 418 2- 8 CR.
 PREREQ: 211, JR CLASSIFICTN, INSTRUCTOR PERMISSN AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1282005 1 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

FARM MGMT&OPERATION AGEDS 450 3 CR.
 PREREQ: ECON 135, 330, JUNIOR CLASSIFICATION AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1386005 1 T 1:10-2:00
 TR 2:10-5:00

IND STD PHIL, CURRIC AGEDS 490A 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 A MAXIMUM OF 6 CREDITS OF AGEDS 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD LDRSHP, EVAL AGEDS 490B 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 A MAXIMUM OF 6 CREDITS OF AGEDS 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD BUS, PROD AG AGEDS 490C 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 A MAXIMUM OF 6 CREDITS OF AGEDS 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD EXTEN, INT'L AGEDS 490D 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 A MAXIMUM OF 6 CREDITS OF AGEDS 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD INSTR TCHNL AGEDS 490E 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 A MAXIMUM OF 6 CREDITS OF AGEDS 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 ***** SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL EDUCATION & STUDIES

IND STDY ENVIR ISSU AGEDS 490F 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 A MAXIMUM OF 6 CREDITS OF AGEDS 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AGEDS 490H 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM
 A MAXIMUM OF 6 CREDITS OF AGEDS 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD COMMUNICATN AGEDS 490I 1- 3 CR.
 PREREQ: JR/SR CLASSIFICATION, INSTR PERMISSION
 A MAXIMUM OF 6 CREDITS OF AGEDS 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION. PERMISSION OF INSTRUCTOR REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 ***** SEE DEPT FOR REFERENCE NUMBERS

AGRI TRAVEL DOMESTC AGEDS 496B 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7499005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK,
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

UNDERGRAD RESEARCH AGEDS 499 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR, ADVISER, & DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 8361005 ARRANGED

AG ED SHORT COURSE AGEDS 500 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 MATERIALS FEE \$25.00
 1295005 ARRANGED

MTH TCHG AG SCI/BUS AGEDS 502 3 CR.
 PREREQ: 401
 7851005 MWF 9:00-11:50
 TR 9:00-11:50
 JAN 10-FEB 4

ORGNIZ INFO FOR MTG AGEDS 514 2 CR.
 PREREQ: GRADUATE CLASSIFICATION IN AGRICULTURE
 1298005 F 1:10-4:00

AG ED&TECH TRANSFER AGEDS 560 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 1304005 R 6:00-9:00PM

SPCL TOP CURRICULUM AGEDS 590A 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL EDUCATION & STUDIES

AGRICULTURAL EDUCATION & STUDIES

SPCL TOPICS METHODS AGEDS 590B 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PHILOSOPHY AGEDS 590C 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP EVALUATION AGEDS 590D 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ADMINIST AGEDS 590E 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP LEADERSHIP AGEDS 590F 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GUIDANCE AGEDS 590G 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INSTR TCHNL AGEDS 590I 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC EXTENSION AGEDS 590J 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTRNATL AG AGEDS 590K 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PROGRM PLAN AGEDS 590L 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP CURRICULUM AGEDS 593A 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 FIELD TRIPS & TRAVEL FEE \$25.00
 1317005 ARRANGED

METHODS WORKSHOP AGEDS 593B 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 FIELD TRIPS & TRAVEL FEE \$25.00
 1318005 ARRANGED

WORKSHOP EVALUATION AGEDS 593C 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 FIELD TRIPS & TRAVEL FEE \$25.00
 1319005 ARRANGED

ADMINISTRTN WORKSHP AGEDS 593D 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 FIELD TRIPS & TRAVEL FEE \$25.00
 1320005 ARRANGED

WORKSHOP LEADERSHIP AGEDS 593E 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 FIELD TRIPS & TRAVEL FEE \$25.00
 1321005 ARRANGED

WORKSHOP EXTENSION AGEDS 593F 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 FIELD TRIPS & TRAVEL FEE \$25.00
 1322005 ARRANGED

WRKSHP PROGRAM PLAN AGEDS 593G 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 FIELD TRIPS & TRAVEL FEE \$25.00
 1323005 ARRANGED

WKSHP INSTR TECHNOL AGEDS 593H 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 FIELD TRIPS & TRAVEL FEE \$25.00
 1890005 ARRANGED

WKSHP BIOTECHNOLOGY AGEDS 593M 1- 3 CR.
 PREREQ: 12 CREDITS IN AGRICULTURAL EDUCATION
 FIELD TRIPS & TRAVEL FEE \$25.00
 6536005 ARRANGED

SEMINAR IN AG ED AGEDS 615 1 CR.
 SATISFACTORY-FAIL ONLY.
 1327005 1 W 8:00-9:50
 SECT 1:MARCH 7-MAY 6
 1327010 2 M 11:00-12:40
 SECT 2:JAN 10-MARCH 4

PRO INTERNSHP AG ED AGEDS 617 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PROCEDURES AGEDS 620 3 CR.
 PREREQ: 510 AND A COURSE IN STATISTICS
 1329005 W 2:10-5:00 MILLER G

AGRICULTURAL ENGINEERING

AGRICULTURAL EDUCATION & STUDIES

ADMIN & SUPRVS AG ED AGEDS 625 3 CR.
 PREREQ: 521
 1330005 M 2:10-5:00

PARTIC EVAL AG&EXTE AGEDS 660 3 CR.
 PREREQ: GRAD COURSE IN QUALITATIVE RESEARCH
 METHODS OR EVALUATION OR PERMISSION OF INSTRUCTOR
 8254005 R 2:10-5:00 GRUDENS-SCHUCK N

RESEARCH AGEDS 699 VAR. CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC A E 398 R CR.
 PREREQ: 298, PERMISSION OF DEPT COOP COORDINATOR
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 1012005 ARRANGED

SYS MODELG&CONTROLS A E 403 3 CR.
 PREREQ: 363 OR E E 441, MATH 267
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1528005 MWF 9:00-9:50

AGRIC ENGR DESIGN I A E 415 2 CR.
 PREREQ: 271 OR 272, E M 324
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8253005 W 4:10-5:00, ARRANGED

AGRICULTURAL ENGINEERING

EXPERNC AG&BIO ENGR A E 110 1 CR.
 FIELD TRIPS & TRAVEL FEE \$15.00
 1001005 A T 10:00-11:50
 1001010 B R 10:00-11:50

FND AG & BIOSYS ENGR A E 216 3 CR.
 PREREQ: 110, ENGR 160, CR OR ENROLLMT IN MATH 166
 FIELD TRIPS & TRAVEL FEE \$5.00
 1096005 A TR 12:10-1:00
 T 1:10-3:00
 1096010 B TR 12:10-1:00
 R 1:10-3:00

PARAM SLD MODEL ENG A E 271 1 CR.
 PREREQ: ENGR 170 OR AST 215 OR EQUIVALENT
 RESTRICTED TO STUDENTS IN COLLEGE OF ENGINEERING
 9153005 M 9:00-9:50
 F 9:00-10:50
 JAN 10-MARCH 4

PRO/ENG MOD&ASSEMBL A E 272 1 CR.
 PREREQ: ENGR 170 OR AST 215 OR EQUIVALENT
 2650005 M 9:00-9:50
 F 9:00-10:50
 MARCH 7-MAY 6

AG ENGR DESIGN II A E 416 2 CR.
 PREREQ: 415
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7302005 M 4:10-5:00, ARRANGED

GRAIN PROCESS&HANDL A E 469 3 CR.
 PREREQ: 216
 FIELD TRIPS & TRAVEL FEE \$18.00
 1371005 MW 10:00-10:50
 R 3:10-6:00PM

ENVIR MODIF SYS BIO A E 472 4 CR.
 PREREQ: 216, M E 330
 1158005 TR 9:00-10:50

DESIGN AG STRUCTRES A E 478 4 CR.
 PREREQ: 216, 271 OR 272, E M 324
 8230005 MW 8:00-9:50

QUANTIFCTN BIO PROC A E 480 3 CR.
 PREREQ: 216, MATH 266; BIOL 109 OR 201 OR 202;
 M E 330
 MATERIALS FEE \$15.00
 5599005 MW 1:10-2:00
 F 1:10-3:00

IND STD BIOSYS ENGR A E 490B 1- 4 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC A E 298 R CR.
 PREREQ: PERMISSION OF DEPARTMENT COOP COORDINATOR
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 1005005 ARRANGED

AGRI TRACTOR POWER A E 342 3 CR.
 PREREQ: M E 330
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1008005 A MW 11:00-11:50
 M 12:10-3:00
 SEC A RESTRICTED TO A E MAJORS ONLY.
 1008010 B MW 11:00-11:50
 M 3:10-6:00PM

ENGR INTERNSHIP A E 397 R CR.
 PREREQ: PERMISSION OF DEPARTMENT INTERNSHIP
 COORDINATOR
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 8690005 ARRANGED

IND STD CPTR-A DSGN A E 490C 1- 4 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD ENVIR SYSTS A E 490E 1- 4 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY FOOD ENGR A E 490F 1- 4 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS A E 490H 1- 4 CR.
 PREREQ: MEMBERSHIP IN UNIV HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY POWR &MACH A E 490P 1- 4 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL ENGINEERING

AGRICULTURAL ENGINEERING

IND STDY STRUCTURES A E 490Q 1- 4 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY PROCES ENGR A E 490R 1- 4 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD ENVIR&N RES A E 490S 1- 4 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY WASTE MGT A E 490U 1- 4 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN A E 498 R CR.
 PREREQ: 398, PERMISSION OF THE DEPARTMENT
 PERMISSION OF THE COLLEGE IS REQUIRED TO ADD.
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 1030005 ARRANGED

MODELG&CONTROLS SYS A E 503 3 CR.
 PREREQ: 363 OR E E 441, MATH 267
 1032005 MWF 9:00-9:50

GRAIN PROCESS&HNDLG A E 569 3 CR.
 PREREQ: 216
 FIELD TRIPS & TRAVEL FEE \$18.00
 1035005 MW 10:00-10:50
 R 3:10-6:00PM

ENVIR MODIF SYS BIO A E 572 4 CR.
 PREREQ: 216, M E 330
 1036005 TR 9:00-10:50

DESIGN AG STRUCTRES A E 578 4 CR.
 8240005 MW 8:00-9:50

QUANTIFCTN BIO PROC A E 580 3 CR.
 PREREQ: MATH 226; BIOL 109 OR 201; M E 330
 MATERIALS FEE \$15.00
 7287005 MW 1:10-2:00
 F 1:10-3:00

SPL TOP BIOSYS ENGR A E 590B 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC FOOD ENGR A E 590F 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP POWER & MACH A E 590P 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP STRUC&ENVIRN A E 590Q 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP PROCESS ENGR A E 590R 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP WATER&ENVIR A E 590S 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC WASTE MGT A E 590U 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MASTER'S TECH PAPER A E 598 1 CR.
 SATISFACTORY-FAIL ONLY.
 8332005 ARRANGED

CREATIVE COMPONENT A E 599 VAR. CR.
 1044005 ARRANGED

SOC&TCH SUS FOOD SY A E 610 3 CR.
 PREREQ: SUSAG 509
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 7426005 TR 9:30-10:50

ADVANCED TOPICS A E 690 VAR. CR.
 1048005 ARRANGED

ENGINEERG INTERNSHP A E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPT CHAIR, GRAD CLASSIF
 1700005 ARRANGED

TECHNICAL PAPER PHD A E 698 1 CR.
 SATISFACTORY-FAIL ONLY.
 8333005 ARRANGED

RESEARCH BIOSYS ENGR A E 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES CMPTR-AID DSIGN A E 699C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES ENVIRONMTL SYST A E 699E VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH FOOD ENGR A E 699F VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH POWER &MACHI A E 699P VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

STRUCTURES RESEARCH A E 699Q VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH PROCESS ENGR A E 699R VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES ENVIRON&NAT RES A E 699S VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH WASTE MGT A E 699U VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL SYSTEMS TECHNOLOGY

FURTHR EXPRIENC AST AST 103X R CR.
 SATISFACTORY-FAIL ONLY.
 8507005 A M 10:00-12:00
 ARRANGED
 8507010 B W 10:00-12:00
 ARRANGED

AGRICULTURAL SYSTEMS TECHNOLOGY

AGRICULTURAL SYSTEMS TECHNOLOGY

SOLV TECHNOL PROBLM AST 115 3 CR.
 PREREQ: CR OR CONCURRENT ENROLLMENT IN MATH 140
 1358005 A M 10:00-11:50
 W 10:00-11:50
 1358010 B M 12:10-2:00
 W 12:10-2:00
 1358015 C T 9:30-10:50
 R 9:30-10:50

INTR RENEW RESOURCS AST 120 3 CR.
 1279005 MWF 12:10-1:00

CPTR-AID GRAPHC APP AST 215 2 CR.
 PREREQ: 115
 1366005 A M 8:00-8:50
 W 8:00-9:50
 1366010 B T 8:00-9:20
 R 8:00-9:20

AST WORK EXPERIENCE AST 297 2 CR.
 PREREQ: AST MAJOR, INSTRUCTOR APPROVAL PRIOR TO COMMENCING WORK EXPERIENCE
 A MAXIMUM OF 4 CREDITS OF AST 297 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC AST 298 R CR.
 PREREQ: SOPHOMORE CLASSIFICATION IN AST, APPROVAL OF COOPERATIVE COORDINATOR. MUST REGISTER PRIOR TO COMMENCING EACH WORK PERIOD.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOIL &WTR CONSERVTN AST 324 2 CR.
 PREREQ: MATH 140
 1345005 A TR 11:00-11:50

AG MACHNRY &PWR MGT AST 330 3 CR.
 PREREQ: 210, MATH 142
 COURSE RESTRICTED TO AST MAJORS, MINORS MAY REQUEST A SIGNATURE TO ADD MATERIALS AND FIELD TRIPS & TRAVEL FEE \$5.00
 1347005 A MW 10:00-10:50
 W 3:10-6:00PM
 1347010 B MW 10:00-10:50
 R 3:10-6:00PM

FLUID POWER SYST AG AST 337 2 CR.
 PREREQ: 210, 335
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00
 3335005 A T 3:10-4:00
 R 1:10-3:00
 3335010 B T 3:10-4:00
 R 3:10-5:00

PRESERV GRAIN QLTY AST 362 3 CR.
 PREREQ: MATH 140
 FIELD TRIPS & TRAVEL FEE \$10.00
 1352005 A TR 11:00-11:50
 T 3:10-6:00PM
 1352010 B TR 11:00-11:50
 W 12:10-3:00
 1352015 C TR 11:00-11:50
 W 3:10-6:00PM

RELIGN&AG SUSTAINBL AST 372X 3 CR.
 COURSE IS RESTRICTED TO FRESHMAN & SOPHOMORES AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7408005 TR 2:10-3:30 SANFORD A

AST INTERNSHIP AST 397 R CR.
 PREREQ: SOPH IN AST, INTERN COORDINATOR APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC AST 398 R CR.
 PREREQ: JR CLASSIF IN AST, APPROVAL OF COOP COORD REGISTER PRIOR TO COMMENCING EACH WORK PERIOD
 ***** SEE DEPT FOR REFERENCE NUMBERS

AGRI ELECTRONICS AST 460 2 CR.
 PREREQ: 360
 MATERIALS FEE \$5.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1707005 T 11:00-11:50
 R 1:10-3:00

PLAN FARMSTEAD SYST AST 476 3 CR.
 PREREQ: 373
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1365005 T 2:10-3:30
 R 2:10-3:30

IND STDY ENVIR/AIR AST 490A 1- 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY CMPTR OPER AST 490C 1- 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ELECTRICAL AST 490E 1- 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY GRAIN OPER AST 490G 1- 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL SYSTEMS TECHNOLOGY

AGRICULTURAL SYSTEMS TECHNOLOGY

INDEP STUDY HONORS AST 490H 1- 3 CR.
 PREREQ: JR OR SR CLASSIFICATION, PERMISSION OF INSTRUCTOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY SAFETY&HUM AST 490I 1- 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY BIOPROCESS AST 490K 1- 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LVSTK PROD AST 490L 1- 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN SYS AST 490M 1- 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY ENERGY AST 490N 1- 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY SOIL & WTR AST 490S 1- 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY STRUC/BLDG AST 490T 1- 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY WASTE MGT AST 490W 1- 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 4 CREDITS OF AST 490 MAY BE USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP AST 491 1- 2 CR.
 PREREQ: AGRON 338, ADVANCE APPROVAL AND PARTICIPATION OF EMPLOYER AND INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

1723005	1	ARRANGED	CAMPBELL A
1723010	2	ARRANGED	GIBSON L
1723015	3	ARRANGED	KNAPP A
1723020	4	ARRANGED	MULLEN R

AG SYS ANALYS&PLANN AST 496 3 CR.
 PREREQ: 12 CR IN AST, SR CLASSIFICATION IN AGRIC MATERIALS FEE \$20.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

8676005	MF 1:10-2:00
	W 1:10-3:00

COOPERATIVE EDUC AST 498 R CR.
 PREREQ: SR CLASSIF IN AST, APPROVAL OF COOP COORD
 MUST REGISTER PRIOR TO COMMENCING EACH WORK PERIOD
 ***** SEE DEPT FOR REFERENCE NUMBERS

AGRONOMY

PRINCIP OF AGRONOMY AGRON 114 3 CR.

1391010	1	MW 4:10-5:00	MULLEN R
		R 11:00-11:50	MULLEN R
1391015	2	MW 4:10-5:00	MULLEN R
		R 2:10-3:00	MULLEN R
1391020	3	MW 4:10-5:00	MULLEN R
		F 9:00-9:50	MULLEN R

AGRONOMY

AGRONOMY

INTR RENEW RESOURCS AGRON 120 3 CR.
1382005 MWF 12:10-1:00

FUND OF SOIL SCIENC AGRON 154 3 CR.

PREREQ: CHEM 163

2-4 HRS AUDIO TUTORIAL IN ADDITION TO SCHEDULED CLASS PERIODS. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: AGRON 154, AGRON 155, OR AGRON 156.

1395010 1 M 12:10-1:00 MANU A
T 9:00-9:50
1395015 2 M 12:10-1:00 MANU A
T 10:00-10:50
1395020 3 M 12:10-1:00 MANU A
T 11:00-11:50
1395025 4 M 12:10-1:00 MANU A
T 12:10-1:00
1395030 5 M 4:10-5:00 MANU A
R 9:00-9:50
1395035 6 M 4:10-5:00 MANU A
R 10:00-10:50
1395040 7 M 4:10-5:00 MANU A
R 11:00-11:50
1395045 8 M 4:10-5:00 MANU A
R 1:10-2:00
1395050 9 M 4:10-5:00 MANU A
W 12:10-1:00

SOILS HORT SCIENTST AGRON 155 3 CR.

PREREQ: CHEM 163, RESTRICTED TO STUDENTS IN HORT COURSE RESTRICTED TO HORT MAJORS ONLY. 2-4 HRS AUDIO TUTORIAL IN ADDITION TO SCHEDULED CLASS PERIODS

CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION: AGRON 154, AGRON 155, OR AGRON 156.

6154005 1 M 12:10-1:00 MANU A
W 1:10-2:00
6154010 2 M 12:10-1:00 MANU A
W 3:10-4:00

SOILS FOR URBAN USE AGRON 156 3 CR.

COURSE RESTRICTED TO DESIGN COLLEGE MAJORS ONLY. 2-4 HRS AUDIO TUTORIAL IN ADDITION TO SCHEDULED CLASS PERIODS. CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES

MAY BE APPLIED TOWARD GRADUATION: AGRON 154, AGRON 155, OR AGRON 156.

FIELD TRIPS & TRAVEL FEE \$3.00

1396005 1 M 4:10-5:00 MANU A
W 8:00-9:50
1396010 2 M 4:10-5:00 MANU A
W 10:00-11:50

INTRO METEOROLOGY AGRON 206 3 CR.

1397005 MWF 2:10-3:00 CERVATO C

GRAIN &FORAGE CROPS AGRON 212 4 CR.

PREREQ: 114

1399010 1 MWF 11:00-11:50 GIBSON L
T 10:00-11:50
1399015 2 MWF 11:00-11:50 GIBSON L
T 12:10-2:00
1399020 3 MWF 11:00-11:50 GIBSON L
W 2:10-4:00
1399025 4 MWF 11:00-11:50 GIBSON L
R 12:10-2:00

CROP STRUC-FUNC REL AGRON 230 3 CR.

PREREQ: BIOL 202

1406005 MWF 2:10-3:00 SALVADOR R

SOILS&ENVIR QUALITY AGRON 260 3 CR.

PREREQ: 154

3973005 1 MWF 12:10-1:00 BURRAS C

PESTICIDE APPL CERT AGRON 283 2 CR.

1905005 A MW 2:10-3:00

COOPERATIVE EDUCATN AGRON 298 R CR.

PREREQ: PERMISSION OF DEPT COOPERATIVE EDUCATION COORDINATOR, SOPHOMORE CLASSIFICATION
1401005 ARRANGED CAMPBELL A

USE WEATHER DATA AG AGRON 306 1 CR.

PREREQ: 206

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1404005 1 M 1:10-2:00

PROF DEVEL:INTERNSP AGRON 310 R CR.

1389005 ARRANGED

PRIN OF WEED SCIENC AGRON 317 3 CR.

PREREQ: BIOL 201 AND 202

MATERIALS FEE \$7.00

1405010 1 MWF 3:10-4:00 GIBSON L
T 10:00-11:50
1405015 2 MWF 10:00-10:50 GIBSON L
T 12:10-2:00

GENET,AGRI&BIOTECHN AGRON 320 3 CR.

PREREQ: BIOL 201 AND 202

CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 301 AND 301L, GEN/AGRON 320

1418005 TR 8:00-9:20

CROP QUAL,TRAIT,UTI AGRON 332 2 CR.

PREREQ: 212; CHEM 163

FIELD TRIPS & TRAVEL FEE \$12.00
1400005 M 10:00-10:50 MULLEN R
W 10:00-11:50 MULLEN R

FORAGE CROP MGMT AGRON 334 2 CR.

PREREQ: 114

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1409005 MW 9:00-9:50 WIEDENHOEFT M

SEED SCIENCE&TECHNL AGRON 338 3 CR.

PREREQ: 114 OR HORT 221, BIOL 201

1410005 MW 9:00-9:50 KNAPP A
R 3:10-5:00 KNAPP A

WORLD FOOD ISSUES AGRON 342 3 CR.

MEETS INTERNATIONAL PERSPECTIVES REQMT.

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

1402005 1 TR 11:00-12:20 ZDORKOWSKI G
1402010 2 MWF 11:00-11:50 FORD C

AGRONOMY

AGRONOMY

SOILS & PLANT GROWTH AGRON 354 3 CR.
 PREREQ: 154 AND BIOL 109 OR 202
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1414005 1 MWF 8:00-8:50 KILLORN R
 1414010 2 MWF 10:00-10:50 LOYNACHAN T

SOIL&PLANT GRWTH LB AGRON 354L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 354
 8362005 A T 12:10-3:00 HENNING S
 8362010 B T 3:10-6:00PM HENNING S
 8362015 C W 1:10-4:00 HENNING S
 8362020 D R 2:10-5:00 HASSELMAN E

ENVIRN SOIL SCIENCE AGRON 360 3 CR.
 PREREQ: 260 OR GEOL 100 OR 201
 3989005 1 MW 9:00-9:50 KILLORN R
 T 3:10-6:00PM KILLORN R
 3989010 2 MW 9:00-9:50 BURRAS C
 W 2:10-5:00 BURRAS C

FLD EXP SOIL DESCRP AGRON 370 1 CR.
 PREREQ: 154 AND PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1417005 R 3:10-6:00PM SANDOR J

SYST CROP&SOIL MGMT AGRON 392 3 CR.
 PREREQ: 230, 354
 4515005 MW 1:10-2:00
 M 2:10-5:00

COOPERATIVE EDUCATN AGRON 398 R CR.
 PREREQ: PERMISSION OF DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
 1411005 ARRANGED CAMPBELL A

GLOBAL CHANGE AGRON 404 3 CR.
 PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8140005 MWF 11:00-11:50

PRO DEVELP SR FORUM AGRON 410 1 CR.
 PREREQ: SENIOR CLASSIFICATION
 1428005 A T 2:10-3:00 FALES S

ENVIR SOIL&WTR CHEM AGRON 459 3 CR.
 PREREQ: 354 OR ENSCI 401, CHEM 210 OR 211
 4370005 ARRANGED

SOIL GENESIS&LNDSCP AGRON 473 4 CR.
 PREREQ: 154 OR 402
 CREDIT FOR EITHER AGRON/ENSCI 473 OR
 IA LL/AGRON/ENSCI 473I, BUT NOT BOTH, MAY BE APPLIED
 TOWARD GRADUATION
 FIELD TRIPS & TRAVEL FEE \$30.00-\$45.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1435010 1 TR 10:00-10:50 SANDOR J
 T 2:10-5:00

INDEPENDENT STUDY AGRON 490 1- 3 CR.
 PREREQ: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON
 INSTRUCTR PERMISN IN SPECIALTY AREA AFTER CONSULTATN
 A MAXIMUM OF 4 CREDITS OF AGRON 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AGRON 490H 1- 3 CR.
 PREREQ: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON
 INSTRUCTOR PERMISN IN SPECIALTY AREA AFTER
 CONSULTATN
 MEMBERSHIP IN THE HONORS PROGRAM
 A MAXIMUM OF 4 CREDITS OF AGRON 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP AGRON 491 1- 2 CR.
 PREREQ: 338, ADVANCED APPROVAL AND PARTICIPATION
 OF EMPLOYER AND INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1440005 1 ARRANGED CAMPBELL A
 1440010 2 ARRANGED GIBSON L
 1440015 3 ARRANGED KNAPP A
 1440020 4 ARRANGED MULLEN R

AG TRAVEL CRSE PREP AGRON 495 R CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 9432005 ARRANGED

COOPERATIVE EDUCATN AGRON 498 R CR.
 PREREQ: PERMISSION OF DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 1416005 ARRANGED CAMPBELL A

GLOBAL CHANGE AGRON 504 3 CR.
 PREREQ: 4 COURSES IN PHYSICAL OR BIOL SCI OR ENGR
 8143005 MWF 11:00-11:50

BIOMETEOROLOGY AGRON 505 3 CR.
 PREREQ: 206
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1442005 TR 11:00-12:30 HORNBuckle B

WEED BIOL & ECOLOGY AGRON 517 3 CR.
 PREREQ: 317, BOT 484
 1445005 TR 8:00-9:30 DEKKER J

HERBICIDE PHY&BIOCH AGRON 519 2 CR.
 PREREQ: 317, BOT 320
 1446005 ARRANGED OWEN M

FIELD PLOT TECHNIQS AGRON 526 3 CR.
 PREREQ: STAT 401
 1450005 1 TR 9:30-10:50 MOORE K
 R 2:10-4:00 MOORE K

PLANT GENETICS AGRON 527 3 CR.
 PREREQ: GEN 410
 2358005 MWF 10:00-10:50 BHATTACHARYYA M

AGRONOMY

AGRONOMY

ENVIR STRES PHYSIOL AGRON 537 3 CR.
 PREREQ: BOT 320 OR EQUIVALENT
 2051005 TR 12:40-2:00 LASHBROOK C

APPLD AG METEOROLGY AGRON 541 2 CR.
 PREREQ: 206 OR UPPER DIVISION BIOLOGICAL SCIENCE
 1454005 ARRANGED TAYLOR S

PRO PRACTC RESEARCH AGRON 565A .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 2219005 1 T 12:10-1:00
 2219010 2 ARRANGED

PRO PRAC INTEL PROP AGRON 565B .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 2225005 ARRANGED

PRO LIFE SCIETHICS AGRON 565C .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 1917005 ARRANGED

PRO PLNT BREED ETHC AGRON 565D .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 5198005 R 1:10-3:00

SOIL PHYSICS AGRON 577 3 CR.
 PREREQ: 354; RECOMMEND: MATH 166
 1464005 MWF 10:00-10:50 HORTON R

LAB METH SOIL PHYSC AGRON 578 1 CR.
 PREREQ: 577 CONCURRENT
 1465005 M 1:10-4:00 HORTON R

SPECIAL TOPICS AGRON 590 VAR. CR.
 PREREQ: 15 CREDITS IN AGRONOMY
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP: CROPS AGRON 593A VAR. CR.
 PREREQ: GRADUATE CLASSIFICATION
 1468005 ARRANGED

WORKSHOP: SOILS AGRON 593B VAR. CR.
 PREREQ: GRADUATE CLASSIFICATION
 1469005 ARRANGED

WKSHP AG METEOROLGY AGRON 593C VAR. CR.
 PREREQ: GRADUATE CLASSIFICATION
 1470005 ARRANGED

WKSHP MICROCPTR&AGR AGRON 593D VAR. CR.
 PREREQ: GRADUATE CLASSIFICATION
 1471005 ARRANGED

WRKSHP SEED SCIENCE AGRON 593E VAR. CR.
 PREREQ: GRADUATE CLASSIFICATION
 7521005 ARRANGED

WRKSHP WEED SCIENCE AGRON 593F VAR. CR.
 PREREQ: GRADUATE CLASSIFICATION
 COURSE ONLY OFFERED FOR 2 CREDITS SPRING 2005
 7522005 ARRANGED

CR COMP AG METEOROL AGRON 599A VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1472005 ARRANGED

CR COMP CROP PRD&PH AGRON 599B VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1473005 ARRANGED

CR COMP PLNT BREEDG AGRON 599C VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1474005 ARRANGED

CRTV COMP SOIL CHEM AGRON 599D VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1475005 ARRANGED

CR COMP SOIL FERTIL AGRON 599E VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1476005 ARRANGED

CRTV COMP SOIL MGT AGRON 599F VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1477005 ARRANGED

CR COMP SOIL MICROB AGRON 599G VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1478005 ARRANGED

CR COMP SOIL MORPHO AGRON 599H VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1479005 ARRANGED

CR COMP SOIL PHYSCS AGRON 599I VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1480005 ARRANGED

CRTV COMP SEED SCI AGRON 599K VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1639005 ARRANGED

CRTV COMP WEED SCI AGRON 599L VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 1649005 ARRANGED

PLANT BREEDING SEM AGRON 600A 1 CR.
 1481005 R 4:10-5:00 LAMKEY K

SOILS SEMINAR AGRON 600B 1 CR.
 1482005 W 4:10-5:00 LOYNACHAN T

CROP PROD&PHYSL SEM AGRON 600C 1 CR.
 SATISFACTORY-FAIL ONLY.
 1483005 T 4:10-5:00 GOGGI S

AG METEOROLOGY CONF AGRON 609 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 1484005 ARRANGED ARRIFF R

ADV PLANT BREEDING AGRON 621 3 CR.
 PREREQ: 521, 526, 561; GEN 410
 1488005 MWF 9:00-9:50 LAMKEY K

AGRONOMY

GENET STRAT PLT BRD AGRON 625 3 CR.
 PREREQ: 521, GEN 410, BOT 545
 1489005 TR 11:00-12:30 LEE M

ADV SOIL FERTILITY AGRON 655 2 CR.
 PREREQ: 553
 1492005 WF 11:00-11:50 BLACKMER A

SEM PLT PHYSL,MOLEC AGRON 696 1 CR.
 7743005 W 4:10-5:00

AGRON TCHNG PRACTCM AGRON 698 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION IN AGRON AND
 PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES AG METEOROLOGY AGRON 699A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES CROP PROD&PHYSL AGRON 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES PLANT BREEDING AGRON 699C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SOIL CHEM AGRON 699D VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SOIL FERT AGRON 699E VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SOIL MGT AGRON 699F VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES SOIL MICROBIOL AGRON 699G VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SOIL MORPH AGRON 699H VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOIL PHYSICS AGRON 699I VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES PLANT PHYSIOLOGY AGRON 699J VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SEED SCI AGRON 699K VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH WEED SCI AGRON 699L VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

AIR FORCE AEROSPACE STUDIES

U S AIR FORCE TODAY AFAS 142 1 CR.
 1261005 A W 11:00-11:50
 1261010 B T 1:10-2:00
 1261015 C W 3:10-4:00

LEADERSHIP LAB II AFAS 202 1 CR.
 SATISFACTORY-FAIL ONLY.
 OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8732005 T 6:30-7:50
 A THURSDAY MTG WILL BE SUBSTITUTED THE
 FIRST WEEK

AIR POWER DEVELOPMT AFAS 242 1 CR.
 1263005 A W 9:00-9:50
 1263010 B T 8:00-8:50
 1263015 C W 1:10-2:00

LEADERSHIP LAB III AFAS 302 1 CR.
 SATISFACTORY-FAIL ONLY.
 OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8734005 T 6:30-7:50
 A THURSDAY MTG WILL BE SUBSTITUTED THE
 FIRST WEEK

AIR F MGT&LEADERSHP AFAS 342 3 CR.
 1265005 A TR 11:00-12:20
 1265010 B TR 2:10-3:30

LEADERSHIP LAB IV AFAS 402 1 CR.
 SATISFACTORY-FAIL ONLY.
 OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8736005 T 6:30-7:50
 A THURSDAY MTG WILL BE SUBSTITUTED THE
 FIRST WEEK

NATL SECURITY FORCE AFAS 442 3 CR.
 PREREQ: 342 OR PERMISSION OF INSTRUCTOR
 THE DEPARTMENT RECOMMENDS CREDIT IN 441 BEFORE
 ENROLLING IN 442
 1267005 A TR 9:30-10:50
 1267010 B TR 3:40-5:00

AMERICAN INDIAN STUDIES

AIR FORCE AEROSPACE STUDIES

LEADERSHIP LAB I AFAS 102 1 CR.
 SATISFACTORY-FAIL ONLY.
 OPEN ONLY TO STUDENTS WHO ARE MEMBERS OF AFROTC
 OR ARE ELIGIBLE TO PURSUE A COMMISSION AS DETERMINED
 BY THE AFAS PROFESSOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8730005 T 6:30-7:50
 A THURSDAY MTG WILL BE SUBSTITUTED THE
 FIRST WEEK

INTRO AM IN STUDIES AM IN 210 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 1506005 A MWF 10:00-10:50
 1506010 B MWF 10:00-10:50
 1506015 C MWF 1:10-2:00
 1506020 D MWF 10:00-10:50

AMERICAN INDIAN STUDIES

TOPICS AMERI INDIAN AM IN 310 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 9438005 A TR 11:00-12:20
 9438010 B T 5:10-8:00PM

AMER INDIAN RELIGNS AM IN 328 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6382005 MWF 10:00-10:50 GROSS L

AMERICAN INDIAN LIT AM IN 346 3 CR.
 PREREQ: ENGL 105
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1511005 A1 MWF 9:00-9:50
 SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS
 ONLY
 1511010 A2 MWF 9:00-9:50
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN
 ENGL, TCOMM

INDEPENDENT STUDY AM IN 490 VAR. CR.
 PREREQ: 6 CR IN AM IN STUDIES, INSTR PERMISSION
 NO MORE THAN 9 CREDITS IN AM IN 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ANIMAL ECOLOGY

WILDLIFE&AGRICULTUR A ECL 130 2 CR.
 1055005 TR 3:10-4:00

ANIMAL ECOL CAREERS A ECL 211 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SOPHOMORE CLASSIFICATION
 4467005 R 2:10-3:00

FISH BIOLOGY A ECL 321 3 CR.
 PREREQ: 310
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$20.00
 1064010 WF 9:00-9:50
 M 3:10-6:00PM

INTERPR NAT RESOURC A ECL 330 3 CR.
 PREREQ: 6 CREDITS IN BIOLOGICAL SCIENCES
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$25.00
 1070005 TR 2:10-3:00
 R 3:10-5:00

ECOLOG METHDS&ANALY A ECL 350 3 CR.
 PREREQ: 312; NREM 120; STAT 101 OR 104
 MATERIALS FEE \$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1073005 1 TR 11:00-11:50
 T 1:10-3:00
 1073010 2 TR 11:00-11:50
 T 3:10-5:00
 1073015 3 TR 11:00-11:50
 R 1:10-3:00

NATU HIST REPT&H A ECL 362 1 CR.
 PREREQ: 310, 312
 MATERIALS FEE \$20.00
 2582005 1 M 9:00-11:50
 2582010 2 W 9:00-11:50

ANIMAL ECOLOGY

NATURAL HIST BIRDS A ECL 363 1 CR.
 PREREQ: 310, 312
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00
 2594005 1 T 7:00-9:50
 2594010 2 W 7:00-9:50
 2594015 3 R 7:00-9:50

NATURL HIST MAMMALS A ECL 364 1 CR.
 PREREQ: 310, 312
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00
 2595005 T 9:00-11:50

INTR AQUAT ANIM MED A ECL 401 1 CR.
 6184005 T 7:00-8:50PM ROTH J
 T 7:00-8:50PM

ID AQUATIC ORGANSMS A ECL 411 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 410L
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4641005 1 ARRANGED

COMMUNTY ECOLGY&MGT A ECL 413 3 CR.
 PREREQ: BIOL 312
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5024005 TR 10:00-10:50
 W 1:10-3:00

AQUATIC INSECTS A ECL 425 3 CR.
 PREREQ: BIOL 312 OR EQUIVALENT
 6360005 TR 8:00-8:50
 F 10:00-1:00

AQUACULTURE A ECL 442 3 CR.
 PREREQ: 410, 410L, CREDIT OR ENROLLMENT IN 321
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$30.00
 1071005 MW 1:10-2:00
 W 2:10-5:00

FISH ECOLOGY A ECL 520 3 CR.
 PREREQ: 312,321
 1092005 TR 2:10-3:30

FISH BIOLOGY A ECL 521 3 CR.
 PREREQ: 310
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$20.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1094005 WF 9:00-9:50
 M 3:10-6:00PM

AQUATIC INSECTS A ECL 525 3 CR.
 PREREQ: BIOL 312 OR EQUIVALENT
 6381005 TR 8:00-8:50
 F 10:00-1:00

AQUACULTURE A ECL 542 3 CR.
 PREREQ: 410, 410L, CREDIT OR ENROLLMENT IN 321
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$30.00
 1100005 MW 1:10-2:00
 W 2:10-5:00

ANIMAL ECOLOGY

CREATIVE COMPONENT A ECL 599 VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR A ECL 600 1 CR.
 1107005 1 ARRANGED

TEACHING PRACTICUM A ECL 698 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION IN ANIMAL ECOLOGY
 AND PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH A ECL 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ANIMAL SCIENCE

ISSUES FACING AN S AN S 211 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 114, SOPHOMORE CLASSIFICATION
 1542005 1 T 4:10-6:00PM

DOMEST ANIM PHYSIOL AN S 214 3 CR.
 PREREQ: BIOL 201, CHEM 163 OR 177
 1521005 1 MWF 9:00-9:50

DOM AN ANAT&PHY LAB AN S 214L 1 CR.
 PREREQ: CONCURRENT ENROLLMENT IN AN S 214
 1545005 1 T 8:00-9:50
 1545010 2 T 10:00-11:50
 1545015 3 T 12:10-2:00
 1545020 4 T 2:10-4:00

ANIMAL SCIENCE

SURVEY ANIMAL INDUS AN S 114 2 CR.
 1519005 A MW 8:00-8:50

WORKING WITH ANIMALS AN S 114L 1 CR.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 114
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$30.00
 1527005 1 F 8:00-9:50
 1527010 2 F 10:00-11:50
 1527015 3 F 12:10-2:00

HORSEMNSHP&EQUITATN AN S 115 1 CR.
 SATISFACTORY-FAIL ONLY.
 COURSE MEETS AT STAGECOACH STABLES IN NORTHEAST
 AMES. MUST ALLOW EXTRA TIME BETWEEN THIS AND OTHER
 CLASSES FOR TRAVEL TO AND FROM STAGECOACH STABLES.
 MUST PROVIDE OWN TRANSPORTATION.
 EQUIPMENT USE FEE \$250.00-\$400.00
 5027005 1 M 8:00-9:50
 SEC 1 BEGINNER HUNT SEAT EQUITATION
 5027010 2 T 8:00-9:50
 SEC 2 BEGINNER HUNT SEAT EQUITATION
 5027015 3 M 10:00-12:00
 SEC 3 BEGINNER JUMPING
 5027020 4 T 2:10-4:00
 SEC 4 BEGINNER JUMPING
 5027025 5 M 12:10-2:00
 SEC 5 BEGINNER WESTERN
 5027030 6 W 10:00-12:00
 SEC 6 BEGINNER WESTERN
 5027035 7 F 8:00-9:50
 SEC 7 BEGINNER WESTERN
 5027040 8 T 10:00-11:50
 SEC 8 INTERMEDIATE JUMPING
 5027045 9 R 12:10-2:00
 SEC 9 INTERMEDIATE JUMPING
 5027050 10 F 10:00-11:50
 SEC 10 INTERMEDIATE JUMPING
 5027055 11 T 12:10-2:00
 SEC 11 INTERMEDIATE WESTERN
 5027060 12 R 10:00-11:50
 SEC 12 INTERMEDIATE WESTERN
 5027065 13 F 2:10-4:00
 SEC 13 INTERMEDIATE WESTERN
 5027070 14 F 12:10-2:00
 SEC 14 ADVANCED JUMPING

COMPANION ANIM SCI AN S 224 3 CR.
 PREREQ: COURSE IN BIOLOGY
 FIELD TRIPS & TRAVEL FEE \$10.00-\$30.00
 8087005 1 MW 2:10-3:00
 R 10:00-11:50
 8087010 2 MW 2:10-3:00
 R 12:10-2:00

FOOD ANIMAL SCIENCE AN S 250 3 CR.
 PREREQ: 114, 114L; COURSE IN BIOLOGY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$30.00
 1553005 1 MW 10:00-10:50
 R 8:00-11:50
 1553010 2 MW 10:00-10:50
 R 10:00-11:50
 1553015 3 MW 10:00-10:50
 R 12:10-2:00

FOODS ANIMAL ORIGIN AN S 270 3 CR.
 PREREQ: BIOL 201, CHEM 163 OR 177
 1524010 1 TR 8:00-8:50
 W 10:00-11:50
 1524015 2 TR 8:00-8:50
 W 12:10-2:00
 1524020 3 TR 8:00-8:50
 W 2:10-4:00

CAREER PREP AN SCI AN S 311 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JUNIOR CLASSIFICATION IN AN S
 1621005 1 W 4:10-6:00PM

ANIML EXERC PHYSIOL AN S 313 2 CR.
 PREREQ: 214, BIOL 201, ONE COURSE IN CHEMISTRY
 1624005 1 MW 2:10-3:00

ANIMAL NUTRITION AN S 319 3 CR.
 PREREQ: 214, COURSE IN ORGANIC CHEM OR BIOCHEM
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1529005 1 MW 11:00-11:50
 R 8:00-9:50
 1529010 2 MW 11:00-11:50
 R 10:00-11:50
 1529015 3 MW 11:00-11:50
 R 12:10-2:00

ANIMAL SCIENCE

ANIMAL SCIENCE

LIVESTOCK&THE ENVIR AN S 321X 2 CR.
 PREREQ: 114, JUNIOR CLASSIFICATION
 7215005 MW 1:10-2:00

ANIMAL REPRODUCTION AN S 331 3 CR.
 PREREQ: COURSE IN PHYSIOLOGY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1531005 MWF 10:00-10:50

ANIM REPROD LAB MTH AN S 332 2 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 331
 1532005 1 TR 2:10-4:00
 1532010 2 MW 2:10-4:00

EMBRYO TRANSFER&TCH AN S 333 2 CR.
 PREREQ: 331 OR 332
 COURSE RESTRICTED TO VET MED SOPH AND ABOVE.
 OTHERS BY PERMISSION OF INSTRUCTOR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4617005 A T 3:10-5:00

EMBRYO TRANSFER LAB AN S 334 1 CR.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 333
 COURSE RESTRICTED TO VET MED SOPH. OTHERS MAY ADD
 BY PERMISSION OF INSTRUCTOR.
 MATERIALS FEE \$100.00-\$400.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5088005 1 ARRANGED
 SECT 1:MARCH 7-MAY 6

DAIRY CATTLE SELECT AN S 335 2 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 FIELD TRIPS & TRAVEL FEE \$0.00-\$30.00
 1533005 TR 4:10-5:00
 TR 2:10-4:00

LACTATION AN S 337 2 CR.
 PREREQ: 214
 1711005 TR 11:00-11:50

GRWTH&VALU BAS MKTG AN S 345 3 CR.
 PREREQ: 214, 270
 FIELD TRIPS & TRAVEL FEE \$0.00-\$30.00
 4478005 MWF 2:10-3:00

LVSTK BREED &IMPROV AN S 352 3 CR.
 PREREQ: ONE COURSE IN STATISTICS, BIOL 201,
 COURSE IN GENETICS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1534010 1 WF 8:00-8:50
 T 8:00-9:50
 1534015 2 WF 8:00-8:50
 T 10:00-11:50
 1534020 3 WF 8:00-8:50
 T 12:10-2:00

ANM BREED PRGRM DSN AN S 353 2 CR.
 PREREQ: 352
 FIELD TRIPS & TRAVEL FEE \$0.00-\$30.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1535005 TR 12:10-2:00

ANIM SCI INTERNSHIP AN S 399A 2- 6 CR.
 PREREQ: PERMISSION OF THE INSTRUCTOR
 1538005 ARRANGED

SUPERV'D INTERNSHIP AN S 399B R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INTERNSHIP COORDINATOR
 2258005 ARRANGED

ISSUES ANIMAL SCIEN AN S 411 1 CR.
 PREREQ: SENIOR CLASSIFICATION IN AN S
 1713005 1 T 4:10-6:00PM
 1713010 2 T 4:10-6:00PM

EQUINE SYSTEMS MGT AN S 415 3 CR.
 PREREQ: 216, 319, 331
 FIELD TRIPS & TRAVEL FEE \$0.00-\$30.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8779005 1 MW 12:10-1:00
 T 10:00-11:50
 8779010 2 MW 12:10-1:00
 R 10:00-11:50

HORSE MGMT BREEDING AN S 417X 2 CR.
 PREREQ: 216, 331, AN S MAJOR
 8257005 1 M 2:10-4:00, ARRANGED

COMPANION ANIML SYS AN S 424 3 CR.
 PREREQ: 224, 319, 331, 352
 FIELD TRIPS & TRAVEL FEE \$0.00-\$30.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1803005 1 MW 11:00-11:50
 F 12:10-2:00

SWINE SYSTEMS MGT AN S 425 3 CR.
 PREREQ: 270, 319, 331, 352
 FIELD TRIPS & TRAVEL FEE \$0.00-\$30.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1549010 1 MF 1:10-2:00
 W 12:10-2:00
 1549015 2 MF 1:10-2:00
 W 2:10-4:00

BF CATTLE SYSTS MGT AN S 426 3 CR.
 PREREQ: 270, 319, 331, 352
 FIELD TRIPS & TRAVEL FEE \$0.00-\$30.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1550010 1 MW 3:10-4:00
 R 10:00-11:50
 1550015 2 MW 3:10-4:00
 R 12:10-2:00

SHEEP SYSTEMS MGT AN S 429 3 CR.
 PREREQ: 270, 319, 331, 352
 FIELD TRIPS & TRAVEL FEE \$0.00-\$30.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1551005 1 TR 12:10-1:00
 R 2:10-4:00

APPL DAIRY FRM EVAL AN S 435X 3 CR.
 PREREQ: 434 AND ECON 330
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8252005 1 MW 1:10-2:00, ARRANGED

ANIMAL SCIENCE

PROCESSED MEATS AN S 470 3 CR.
 PREREQ: 270
 FIELD TRIPS & TRAVEL FEE \$0.00-\$30.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1555010 1 MW 9:00-9:50
 R 8:00-9:50
 1555015 2 MW 9:00-9:50
 R 12:10-2:00

JUDGING MEAT ANIMAL AN S 475A 1- 5 CR.
 PREREQ: ADMISSION BY INVITATION
 FIELD TRIPS & TRAVEL FEE \$0.00-\$600.00
 1556005 ARRANGED

JUDGNG DAIRY CATTLE AN S 475B 1- 5 CR.
 PREREQ: ADMISSION BY INVITATION
 FIELD TRIPS & TRAVEL FEE \$0.00-\$600.00
 1557005 ARRANGED

JUDGING MEATS AN S 475C 1- 5 CR.
 PREREQ: ADMISSION BY INVITATION
 FIELD TRIPS & TRAVEL FEE \$0.00-\$600.00
 1558005 ARRANGED

JUDG MEAT ANIM EVAL AN S 475D 2 CR.
 PREREQ: ADMISSION BY INVITATION
 FIELD TRIPS & TRAVEL FEE \$0.00-\$600.00
 1559005 ARRANGED

ISSUES FOOD SAFETY AN S 489 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN FS HN 101 OR 272
 OR HRI 233; FS HN 419 OR 420; FS HN 403
 8348005 MW 3:10-4:00
 MARCH 7-MAY 6

IND STDY AN SCIENCE AN S 490A 1- 3 CR.
 PREREQ: PERMISSION OF THE INSTRUCTOR
 A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 MATERIALS FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY DY SCIENCE AN S 490B 1- 3 CR.
 PREREQ: PERMISSION OF THE INSTRUCTOR
 A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 MATERIALS FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY MEAT SCI AN S 490C 1- 3 CR.
 PREREQ: PERMISSION OF THE INSTRUCTOR
 A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 MATERIALS FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY SENIOR SEM AN S 490D 1- 3 CR.
 PREREQ: PERMISSION OF THE INSTRUCTOR
 A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 MATERIALS FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

ANIMAL SCIENCE

IND STD POULTRY SCI AN S 490G 1- 3 CR.
 PREREQ: PERMISSION OF THE INSTRUCTOR
 A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 MATERIALS FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AN S 490H 1- 3 CR.
 PREREQ: PERMISSION OF THE INSTRUCTOR, MEMBERSHIP
 IN THE HONORS PROGRAM
 A MAXIMUM OF 6 CREDITS OF AN S 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 MATERIALS FEE \$0.00-\$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

AG TRAVEL CRSE PREP AN S 495 R CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 1539005 ARRANGED

INTR NUTR EXPERMNTN AN S 505 3 CR.
 PREREQ: STAT 401
 1568005 ARRANGED
 COURSE DELIVERY IS WWW

DIGESTV PHYSL RUMIN AN S 519 3 CR.
 PREREQ: 419
 1573005 1 TR 3:10-4:00
 R 8:00-9:50

PHYS ENDOCRIN REPRO AN S 533 2 CR.
 PREREQ: GENERAL PHYSIOLOGY COURSE
 1574005 1 ARRANGED

ADV VERTEB PHYSL II AN S 552 3 CR.
 PREREQ: ZOOL 355, CR OR ENRLMT IN BBMB 420 OR 404
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 2278005 1 MWF 2:10-3:00

BIOCHEM&P:MACRONUTR AN S 553 3 CR.
 PREREQ: BBMB 420, OR BBMB 404 AND CREDIT OR
 ENROLLMENT IN BBMB 405
 7804005 TR 3:40-5:00

LINEAR MOD&GEN PRED AN S 562A 2 CR.
 PREREQ: 561, STAT 402
 2352005 1 ARRANGED

ADV GEN PREDI&PARAM AN S 562B 2 CR.
 PREREQ: 561, STAT 402
 7577005 ARRANGED

PRO PRACTC RESEARCH AN S 565A .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 5829005 1 T 12:10-1:00
 5829010 2 ARRANGED

PRO PRAC INTEL PROP AN S 565B .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 5878005 ARRANGED

ANIMAL SCIENCE

ANIMAL SCIENCE

PRO PRACTC LIFE SCI AN S 565C .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 5898005 ARRANGED

PRO PRAC PLNT BREED AN S 565D .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 5901005 R 1:10-3:00

ADV MEAT SCI&MUSCLE AN S 570 3 CR.
 PREREQ: 470
 1578005 1 ARRANGED

SPL TOP AN BREEDING AN S 590A 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANIMAL NUTR AN S 590B 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MEAT AN PRO AN S 590C 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP DAIRY PROD AN S 590D 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MEAT SCI AN S 590E 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHYS REPROD AN S 590F 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MUSCLE BIOL AN S 590G 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POULTR NUTR AN S 590H 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POULTR PROD AN S 590I 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXP SURGERY AN S 590J 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PROF TOPICS AN S 590K 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING AN S 590L 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP AN BREEDG AN S 599A 1- 8 CR.
 PREREQ: NONTHESIS M.S. STATUS
 2444005 1 ARRANGED

CRTV COMP ANI NUTRI AN S 599B 1- 8 CR.
 PREREQ: NONTHESIS M.S. STATUS
 2483005 1 ARRANGED

CRTV CMP AN PHYSIOL AN S 599C 1- 8 CR.
 PREREQ: NONTHESIS M.S. STATUS
 2487005 1 ARRANGED

CRTV COMPO ANIM SCI AN S 599D 1- 8 CR.
 PREREQ: NONTHESIS M.S. STATUS
 2519005 1 ARRANGED

CRTV COMPO MEAT SCI AN S 599E 1- 8 CR.
 PREREQ: NONTHESIS M.S. STATUS
 2520005 1 ARRANGED

ANIML NUTRITION SEM AN S 603 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 1591005 M 4:10-5:00

AN BREEDG GOALS&SEL AN S 652A 2 CR.
 PREREQ: 561, 562
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1598005 1 ARRANGED

DSIGN&EV BREED PROG AN S 652B 2 CR.
 PREREQ: 561,562
 7584005 1 ARRANGED

ADV MTHDS POP GENET AN S 657 3 CR.
 PREREQ: 562
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1601005 ARRANGED

SEM AN BREEDG&GENET AN S 658 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 7083005 T 11:00-11:50

MODERN VIEWS NUTR AN S 680 R CR.
 1603005 W 4:10-5:00

SEMINAR MEAT SCIENC AN S 684 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 1604005 T 12:10-1:00

SEMINAR MUSCLE BIOL AN S 685 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 1605005 ARRANGED

SEMINAR IN MCDB AN S 698 1- 2 CR.
 COURSE OFFERED FOR 1 CREDIT ONLY S05.
 1680005 M 3:10-5:00

ANIMAL BREEDING RES AN S 699A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ANTHROPOLOGY

ANIMAL SCIENCE

ANIMAL NUTRI RESRCH AN S 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MEAT ANIM PRODU RES AN S 699C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

DAIRY PROD RESEARCH AN S 699D VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MEAT SCIEN RESEARCH AN S 699E VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

REPROD PHYSOL RSRCH AN S 699F VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSCLE BIOLGY RSRCH AN S 699G VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTR BIOL AN&ARCHEO ANTHR 202 3 CR.
 1616035 7 T 6:00-8:30PM COINMAN N

GLOBALZAT&HUMN COND ANTHR 230 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7017005 1 TR 11:00-12:20 JONES A
 7017010 2 TR 12:40-2:00 ILAHIANE H

CNTMPRY MUSLIM SOCI ANTHR 250X 3 CR.
 6940005 TR 3:40-5:00 ILAHIANE H

COMP STD WLD CULTUR ANTHR 306 3 CR.
 PREREQ: 201 RECOMMENDED
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 1617005 MWF 11:00-11:50 JONES A

BIOLOGICAL ANTHROPO ANTHR 307 3 CR.
 PREREQ: 202
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1618005 1 MW 1:10-2:00 PRUETZ J
 F 8:00-9:50
 1618010 2 MW 1:10-2:00 PRUETZ J
 F 10:00-11:50
 1618015 3 MW 1:10-2:00 PRUETZ J
 F 12:10-2:00
 1618020 4 MW 1:10-2:00 PRUETZ J
 F 2:10-4:00

FAMILY CROSS-CULTUR ANTHR 313 3 CR.
 PREREQ: 201 RECOMMENDED
 MEETS U.S. DIVERSITY & INTL PERSPECTIVES REQMT.
 1623005 TR 2:10-3:30 HUANG S

WORLD PREHISTORY ANTHR 321 3 CR.
 PREREQ: 202 RECOMMENDED
 2083005 TR 11:00-12:20 COINMAN N

PEOPLE&CULTR AFRICA ANTHR 325 3 CR.
 PREREQ: 201 OR 306 RECOMMENDED
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 1628005 MW 3:10-4:30 JONES A

PEOPLE&CULTR S ASIA ANTHR 327X 3 CR.
 PREREQ: 201 OR 306 RECOMMENDED
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6136005 TR 12:40-2:00 NATRAJAN B

MAGIC, WITHC, & RELIG ANTHR 340 3 CR.
 PREREQ: 201 OR 306
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 1634005 TR 9:30-10:50 ILAHIANE H

ARCHAEOL LAB METHDS ANTHR 428 3 CR.
 PREREQ: 308
 MATERIALS FEE \$10.00
 1637005 TR 3:40-5:00 HILL M

ANTHROPOLOGY

INTRO CULTURL ANTHR ANTHR 201 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.

1615005 1 MW 3:10-4:00 NATRAJAN B
 T 8:00-8:50

1615010 2 MW 3:10-4:00 NATRAJAN B
 T 9:00-9:50

1615015 3 MW 3:10-4:00 NATRAJAN B
 T 10:00-10:50

1615020 4 MW 3:10-4:00 NATRAJAN B
 T 11:00-11:50

1615025 5 MW 3:10-4:00 NATRAJAN B
 T 12:10-1:00

1615030 6 MW 3:10-4:00 NATRAJAN B
 T 1:10-2:00

1615035 7 MW 3:10-4:00 NATRAJAN B
 T 2:10-3:00

1615040 8 MW 3:10-4:00 NATRAJAN B
 W 8:00-8:50

1615045 9 MW 3:10-4:00 NATRAJAN B
 W 9:00-9:50

1615050 10 MW 3:10-4:00 NATRAJAN B
 W 10:00-10:50

1615055 11 MW 3:10-4:00 NATRAJAN B
 W 11:00-11:50

1615060 12 MW 3:10-4:00 NATRAJAN B
 W 12:10-1:00

1615065 13 MW 3:10-4:00 NATRAJAN B
 W 1:10-2:00

1615070 14 MW 3:10-4:00 NATRAJAN B
 W 2:10-3:00

1615075 15 MW 3:10-4:00 NATRAJAN B
 R 8:00-8:50

INTR BIOL AN&ARCHEO ANTHR 202 3 CR.

1616005 1 MW 10:00-10:50 HILL M
 R 9:00-9:50

1616010 2 MW 10:00-10:50 HILL M
 R 10:00-10:50

1616015 3 MW 10:00-10:50 HILL M
 R 11:00-11:50

1616020 4 MW 10:00-10:50 HILL M
 R 12:10-1:00

1616025 5 MW 10:00-10:50 HILL M
 R 1:10-2:00

1616030 6 MW 10:00-10:50 HILL M
 R 2:10-3:00

ANTHROPOLOGY

ANTHROPOLOGY

INTERNSHIP ANTHR 434 2- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JUNIOR OR SENIOR STANDING
 NO CREDIT IN ANTHR 434 MAY BE USED TO SATISFY
 ANTHR CORE COURSE REQUIREMENTS FOR GRADUATION FOR
 THE MAJOR OR FOR THE ANTHR MINOR
 7718005 ARRANGED

PRIMATE EVO ECO&BHV ANTHR 438X 3 CR.
 PREREQ: 202 OR 307
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6959005 MWF 8:00-8:50 PRUETZ J

SEX&GENDER X-CULTUR ANTHR 444 3 CR.
 PREREQ: 201; 306 RECOMMENDED
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7703005 TR 12:40-2:00 KESSEL K

PRACTICUM IN ANTHRO ANTHR 451X 1- 3 CR.
 PREREQ: 201 OR 202 AND PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4780005 ARRANGED

INDEP STDY ARCHAEOLOG ANTHR 490A 1- 5 CR.
 PREREQ: 9 CREDITS IN ANTHROPOLOGY
 NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD CULTR ANTHR ANTHR 490B 1- 5 CR.
 PREREQ: 9 CREDITS IN ANTHROPOLOGY
 NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD BIOL ANTHRO ANTHR 490C 1- 5 CR.
 PREREQ: 9 CREDITS IN ANTHROPOLOGY
 NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ANTHR 490H 1- 5 CR.
 PREREQ: 9 CREDITS IN ANTHROPOLOGY, MEMBERSHIP IN
 THE HONORS PROGRAM
 NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANGUAGE & CULTURE ANTHR 500 3 CR.
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1645005 W 5:10-8:00PM COMITO J

FAMILY CROSS-CULTUR ANTHR 513 3 CR.
 PREREQ: 6 CREDITS IN ANTHR; 201 RECOMMENDED
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7525005 TR 2:10-3:30 HUANG S

WORLD PREHISTORY ANTHR 521 3 CR.
 PREREQ: 202 RECOMMENDED
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 2088005 TR 11:00-12:20 COINMAN N

PEOPLE&CULTR AFRICA ANTHR 525 3 CR.
 PREREQ: 201 OR 306 RECOMMENDED
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 7529005 MW 3:10-4:30 JONES A

PEOPLE&CULTR S ASIA ANTHR 527X 3 CR.
 PREREQ: 201 OR 306 RECOMMENDED
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6139005 TR 12:40-2:00

ARCHAEOLOG LAB METHDS ANTHR 528 3 CR.
 PREREQ: 308
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 MATERIALS FEE \$10.00
 7975005 TR 3:40-5:00 HILL M

PRIMATE EVO ECO&BHV ANTHR 538X 3 CR.
 PREREQ: 202 OR 307
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6945005 MWF 8:00-8:50 PRUETZ J

MAGIC,WITHC,&RELIG ANTHR 540 3 CR.
 PREREQ: 6 CR IN ANTHR; 201 OR 306 RECOMMENDED
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7687005 TR 9:30-10:50 ILAHIANE H

SEX&GENDER X-CULTUR ANTHR 544 3 CR.
 PREREQ: 201; 306 RECOMMENDED
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 7704005 TR 12:40-2:00 KESSEL K

SPECIAL TOPICS ANTHR 590 1- 5 CR.
 PREREQ: 10 CR IN ANTHR; SR OR GRAD CLASSIFICATION
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOC&TCH SUS FOOD SY ANTHR 610 3 CR.
 PREREQ: 509
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 7585005 TR 9:30-10:50

RESEARCH ANTHR 699 VAR. CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURE

ARCHITECTURE

ARCHITECT DESIGN II ARCH 202 6 CR.
 PREREQ: 201
 COURSE RESTRICTED TO ARC MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$225.00-\$325.00
 1674005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50

HIST WESTERN ARC II ARCH 222 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7737005 1 MW 9:00-9:50
 F 9:00-9:50
 7737010 2 MW 9:00-9:50
 F 9:00-9:50
 7737015 3 MW 9:00-9:50
 F 9:00-9:50
 7737020 4 MW 9:00-9:50
 F 9:00-9:50
 7737025 5 MW 9:00-9:50
 F 10:00-10:50
 7737030 6 MW 9:00-9:50
 F 10:00-10:50
 7737035 7 MW 9:00-9:50
 F 10:00-10:50
 7737040 8 MW 9:00-9:50
 F 10:00-10:50

DSGN COMMUNICTNS II ARCH 232 2 CR.
 PREREQ: 230
 COURSE RESTRICTED TO ARC MAJORS ONLY
 1676005 TR 1:10-3:30

ARCH STRUCTURES I ARCH 242 4 CR.
 PREREQ: 240
 2641005 TR 8:00-9:50

ARCHITECT DESIGN IV ARCH 302 6 CR.
 PREREQ: 301 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES
 FIELD TRIPS & TRAVEL FEE \$25.00-\$475.00
 1682005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50

PRACTICAL EXPERIENC ARCH 310 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 2544005 ARRANGED

COMPUTER APPLICATNS ARCH 334 3 CR.
 PREREQ: 201, 230, 232
 1685005 TR 3:40-5:00

THREE-DIMENS STUDIO ARCH 335 2 CR.
 A MAXIMUM OF 8 CREDITS OF ARCH 335 AND ARCH 535
 COMBINED MAY BE APPLIED TOWARD GRADUATION
 1686005 1 TR 1:10-3:30
 1686010 2 TR 9:00-11:20

ARCH STRUCTURES III ARCH 346 3 CR.
 PREREQ: 344
 2256005 MWF 9:00-9:50

SOLAR HOME DESIGN ARCH 351 3 CR.
 PREREQ: 202
 FIELD TRIPS & TRAVEL FEE \$10.00
 1687005 R 7:00-9:40PM

ARCHITECT DESIGN VI ARCH 402 6 CR.
 PREREQ: 401 AND MINIMUM 2.0 GPA IN PREVIOUS
 STUDIO COURSES
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$25.00-\$575.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 1692005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50

ARCHITC DESIGN VIII ARCH 404 6 CR.
 PREREQ: 403, 485
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$40.00-\$400.00
 1694005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50

TOPICS 19TH CENTURY ARCH 424 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1698005 1 MWF 11:00-11:50 MAVES J

ANALYTICAL DRAWING ARCH 431 3 CR.
 PREREQ: 232, 302
 2154005 ARRANGED
 TR 4:10-6:30PM

MATLS&ASSEMBLIES II ARCH 448 3 CR.
 PREREQ: 346
 1933005 TR 12:40-2:00

ENVIRO CONTROL SYST ARCH 458 3 CR.
 PREREQ: 357
 1934005 TR 2:10-3:30

PRESERVATN &REHABTN ARCH 467 3 CR.
 PREREQ: SENIOR CLASSIFICATION
 FIELD TRIPS & TRAVEL FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1710005 1 TR 9:30-10:50
 SECTION 1 RESTRICTED TO ARC, ARCH MAJORS
 ONLY
 1710010 2 TR 9:30-10:50
 SECTION 2 FOR MAJORS OTHER THAN ARC,
 ARCH

IND STDY DSN COMMUN ARCH 490A 1- 9 CR.
 PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY DESIGN ARCH 490B 1- 9 CR.
 PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURE

ARCHITECTURE

IND STDY TECHN SYST ARCH 490C 1- 9 CR.
 PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY ARCH HIST ARCH 490D 1- 9 CR.
 PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY BEHAV STD ARCH 490E 1- 9 CR.
 PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY PRACTICE ARCH 490F 1- 9 CR.
 PREREQ: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARCH 490H 1- 9 CR.
 PREREQ: APPROVAL OF INSTR & DEPT CHAIR ON
 REQUIRED FORM. MEMBERSHIP IN THE HONORS PROGRAM.
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURL DSN II ARCH 506X 5 CR.
 PREREQ: 505X; 595X; 541X
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$50.00-\$600.00
 7753005 MTWRF 1:10-4:30

TOPICS 19TH CENTURY ARCH 524 3 CR.
 PREREQ: 221, 222 AND SR OR GRAD CLASSIFICATION,
 PERMISSION OF INSTRUCTOR
 1721005 1 MWF 11:00-11:50 MAVES J

TOPICL STD WORLD AR ARCH 528D 2- 3 CR.
 PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
 1728005 TR 9:30-10:50

TOPC STD ARCHITECTS ARCH 528E 2- 3 CR.
 PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
 1729005 T 6:30-9:00PM

TOP STD TECH, STRUC ARCH 528G 2- 3 CR.
 PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
 FIELD TRIPS & TRAVEL FEE \$50.00
 1731005 1 TR 2:10-3:30
 1731010 2 MW 11:00-12:30
 TOPIC: LIGHTING DESIGN IN ART &

ARCHITECTURE

TOPC STD URBAN DSGN ARCH 528I 2- 3 CR.
 PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
 1732005 1 TR 12:40-2:00
 1732010 2 TR 12:40-2:00

TOPICL STD PRACTICE ARCH 528K 2- 3 CR.
 PREREQ: 221, 222 OR SR CLASSIF OR GRAD STANDING
 COURSE RESTRICTED TO SENIORS OR GRADUATE STUDENTS
 1863005 T 3:40-6:00PM

ADV CMPUTR-AID ARCH ARCH 534 3 CR.
 PREREQ: 434, PERMISSION OF INSTRUCTOR
 1735005 TR 11:00-12:20

ADV THREE-DI STUDIO ARCH 535 2 CR.
 PREREQ: 335 OR GRADUATE STANDING
 A MAXIMUM OF 8 CREDITS OF ARCH 335 AND ARCH 535
 COMBINED MAY BE APPLIED TOWARD GRADUATION
 1736005 1 TR 1:10-3:30
 1736010 2 TR 9:00-11:20

SCI&TECH/ARCHTCT II ARCH 542X 5 CR.
 PREREQ: 505X; 595X; 541X
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$50.00
 7735005 MWF 10:30-11:50
 R 1:10-4:30

CONTEM URB DSN THRY ARCH 575 3 CR.
 PREREQ: SR CLASSIFICATION OR GRADUATE STANDING
 1752005 MWF 10:00-10:50

PRE-THESIS SEMINAR ARCH 588 3 CR.
 PREREQ: GRADUATE STANDING
 1795005 ARRANGED

SPECIAL TOPICS ARCH 590 1- 5 CR.
 PREREQ: WRITTEN APPROVAL OF INSTRUCTOR AND
 DEPARTMENT CHAIR ON APPROVED FORM
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CULTURAL INQUIRY II ARCH 596X 5 CR.
 PREREQ: 595X; 505X; 541X
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$50.00
 7926005 TR 10:30-11:50
 R 1:10-4:30

ADV ARCH DESIGN II ARCH 602 6 CR.
 PREREQ: 601
 COURSE RESTRICTED TO ARCH MAJORS ONLY
 FIELD TRIPS & TRAVEL FEE \$125.00-\$325.00
 1760005 F 4:10-5:20
 MW 1:10-5:20
 F 1:10-3:50

ADV ARCH DESIGN III ARCH 603 6 CR.
 PREREQ: PROFESSIONAL DEGREE IN ARCHITECTURE
 OR ADVANCED STANDING IN THE GRADUATE PROGRAM
 COURSE RESTRICTED TO ARCH MAJORS ONLY
 FIELD TRIPS & TRAVEL FEE \$125.00-\$325.00
 1761005 MWF 1:10-5:20

INDEP DESIGN STUDY ARCH 690 6 CR.
 PREREQ: ADMISSION TO MSAS OR M ARCH 30 CR PROGRAM
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ARCHITECTURE

THESIS ARCH 699 3- 9 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART & DESIGN

BFA SEMNR & EXHIBITN ART 499 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SENIOR CLASSIFICATION IN THE ART &
 DESIGN-BFA CURRICULUM, PORTFOLIO REVIEW & WRITTEN
 APPROVAL OF SUPERVISING INSTRUCTOR ON REQUIRED FORM
 IN ADVANCE OF SEMESTER OF ENROLLMENT.
 COURSE RESTRICTED TO ARTFA MAJORS
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00
 1708005 A R 6:00-7:30PM
 ARRANGED

ART & DESIGN

DRAWING II ART 230 3 CR.
 PREREQ: 130
 COURSE RESTRICTED TO ART, ARTDN, ARTFA,
 ARTGR, ARTID, PBPMI MAJORS ONLY.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$5.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1779005 A MWF 12:10-2:00
 1779010 B TR 8:00-11:00
 1779015 C TR 2:10-5:00

ART & DESIGN SEMINAR ART 501 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 RESTRICTED TO GRADUATE STUDENTS IN ART
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 1892005 TR 4:10-5:30

FINE ARTS EUROP SEM ART 494A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR & PLANNED FALL
 ENROLLMENT IN 495
 COURSE RESTRICTED TO ART, ARTDN, ARTFA MAJORS
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3206005 M 6:00-6:50PM

SEMINAR IN TEACHING ART 511 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 8370005 MW 1:10-2:30

GRAPHIC DSN EUR SEM ART 494G 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR & PLANNED SUMMER
 ENROLLMENT IN 495
 COURSE RESTRICTED TO ARTGR MAJORS
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8021005 M 6:00-6:50PM

MUSEUM/GALLERY INTRN ART 598 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRAD CLASSIFICATION & INSTRUCTOR PERMISN
 WRITTEN APPROVAL IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 9445010 JC ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

INTERIOR DS EUR SEM ART 494I 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR & PLANNED SUMMER
 ENROLLMENT IN 495
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8022005 M 6:00-6:50PM

STUDIO INTERNSHIP ART 697 1- 9 CR.
 PREREQ: GRADUATE CLASSIF & APPROVAL OF DEPT CHAIR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8371005 RB ARRANGED

ART HIST EUROPE SEM ART 494N 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR & PLANNED SUMMER
 ENROLLMENT IN 495
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8023005 M 6:00-6:50PM

GRAPHIC DSGN ISSUES ART 698G 1- 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 1837005 T 6:00-9:00PM

STUDIO INTERNSHIP ART 497 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVANCED CLASSIFICATION IN A DEPT CURR,
 WRITTEN APPROVAL OF SUPERVISING INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9444005 RB ARRANGED

THESIS RESEARCH ART 699A VAR. CR.
 1949005 ARRANGED
 COURSE RESTRICTED TO GRADUATE STUDENTS
 ONLY

THESIS RES--EXHIBIT ART 699B VAR. CR.
 1950005 ARRANGED
 COURSE RESTRICTED TO GRADUATE STUDENTS
 ONLY

INTRNSHP MUSEUM/GAL ART 498 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVANCED CLASSIFICATION IN A DEPT CURR,
 WRITTEN APPROVAL OF SUPERVISING INSTR ON REQUIRED
 FORM IN ADVANCE OF SEM OF ENROLLMENT
 7821010 JC ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ART EDUCATION

INTRO TO ART EDUC ARTED 211 3 CR.
 MATERIALS FEE \$50.00
 1773005 A1 MW 10:00-12:30
 SECTION A1 FOR DESIGN COLLEGE ONLY.
 1773010 A2 MW 10:00-12:30
 SECTION A2 FOR EL ED, ECE F & ECE E
 MAJORS ONLY.

ART EDUC PRACTICUM ARTED 313 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 211, PERMISSION
 OF INSTRUCTOR IN ADVANCE OF SEMESTER OF ENROLLMENT
 1774005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ART EDUCATION

INDEPENDENT STUDY ARTED 490 1- 3 CR.
 PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTED 490H 1- 3 CR.
 PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 MEMBERSHIP IN THE HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACHING PRACTICUM ARTED 517 3- 6 CR.
 PREREQ: 516, ALL COURSES IN THE ART EDUC PROGRAM,
 ADVANCED REGISTRATION REQUIRED
 COURSE RESTRICTED TO GRADUATE ART MAJORS ONLY
 PROFESSIONAL SUPPORT FEE \$37.50-\$75.00
 9448005 ARRANGED

TEACHING PRACTICUM ARTED 518 3- 6 CR.
 PREREQ: 516, ALL COURSES IN THE ART EDUC PROGRAM;
 ADVANCED REGISTRATION REQUIRED
 COURSE RESTRICTED TO GRADUATE ART MAJORS ONLY
 PROFESSIONAL SUPPORT FEE \$37.50-\$75.00
 9449005 ARRANGED

SPECIAL TOPICS ARTED 590 VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART/DESIGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ARTED 599 VAR. CR.
 PREREQ: CONCURRNT ENRLMNT OR CR IN 517 AND/OR 518
 9450010 BC ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9450005 DD ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ART HISTORY

HISTORY OF ART II ART H 281 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 1791005 TR 12:40-2:00

ART OF ISLAM ART H 384X 3 CR.
 2613005 MWF 10:00-10:50

RENAISSANCE ART ART H 385 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1827005 TR 11:00-12:20

19TH CENTURY ART ART H 487 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1829005 MW 4:10-5:30

ART HISTORY

INDEPENDENT STUDY ART H 490 1- 6 CR.
 PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ART H 490H 1- 6 CR.
 PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT,
 MEMBERSHIP IN UNIV HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART&THRY SINCE 1945 ART H 495 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3002005 TR 9:00-9:50

RENAISSANCE ART ART H 585 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 COURSE RESTRICTED TO DESIGN COLLEGE GRADS
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1914005 TR 11:00-12:20

19TH CENTURY ART ART H 587 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 COURSE RESTRICTED TO DESIGN COLLEGE GRADS
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1916005 MW 4:10-5:30

SPECIAL TOPICS ART H 590 VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART&THRY SINCE 1945 ART H 595 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 MEETS U.S. DIVERSITY REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8400005 TR 9:00-9:50

ART:GRAPHIC DESIGN

GRAPH DSGN STUDIO II ARTGR 271 3 CR.
 PREREQ: ART 230, ARTGR 270, 275, ENROLLMT IN 276
 COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS ARE
 PLACED INTO SECTIONS BY THE DEPARTMENT.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1786005 A MWF 8:00-9:50
 1786010 B MWF 8:00-9:50
 1786015 C MWF 8:00-9:50

ART:GRAPHIC DESIGN

ART:GRAPHIC DESIGN

GRAPHIC TECHNLOGY II ARTGR 276 2 CR.

PREREQ: 275, ENROLLMENT IN 271
 COURSE RESTRICTED TO ARTGR MAJORS ONLY. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.

5292005 A TR 8:00-9:50
 5292010 B TR 8:00-9:50
 5292015 C TR 8:00-9:50

GRAPH DSN STUDIO IV ARTGR 371 3 CR.

PREREQ: 370, 387, ENROLLMENT IN A 2-CREDIT
 OPTION, CREDIT OR ENROLLMENT IN 388
 COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$190.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

1820005 A MWF 10:00-11:50
 1820010 B MWF 10:00-11:50
 1820015 C MWF 10:00-11:50

GR DSN MTRLS&PROCES ARTGR 372 2 CR.

PREREQ: CREDIT OR ENROLLMENT IN 371
 COURSE RESTRICTED TO ARTGR MAJORS
 1805005 TR 10:00-10:50

GR DSN HIST,CRIT II ARTGR 388 3 CR.

PREREQ: 387
 COURSE RESTRICTED TO ARTGR MAJORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9451005 MWF 2:10-3:00

GRAPH DSN STUDIO VI ARTGR 471 3 CR.

PREREQ: 470, ENROLLMENT IN A 2-CREDIT OPTION
 COURSE RESTRICTED TO ARTGR MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

1855005 A MWF 10:00-11:50
 1855010 B MWF 10:00-11:50
 1855015 C MWF 10:00-11:50

TIME BASE MLTIMEDIA ARTGR 473 2 CR.

PREREQ: 370
 COURSE RESTRICTED TO ARTGR MAJORS
 1894005 MW 8:00-9:50

ADVANCED TYPOGRAPHY ARTGR 475 2 CR.

PREREQ: 271, 276, ENROLLMENT IN 370 OR 371 OR 470
 OR 471
 COURSE RESTRICTED TO ARTGR MAJORS
 1888005 MW 12:10-2:00

GRPHC DSN METHODLGY ARTGR 476 2 CR.

PREREQ: 271, 276, ENROLLMENT IN 370 OR 371 OR 470
 OR 471
 COURSE RESTRICTED TO ARTGR MAJORS.
 1889005 TR 8:00-9:50

GRAPH DSN PRACTICUM ARTGR 477 2 CR.

PREREQ: 370, PORTFOLIO REVIEW AND INSTR PERMISSN
 COURSE RESTRICTED TO ARTGR MAJORS.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$10.00
 7886005 TR 8:00-9:50

WEB DSGN E-COMMERCE ARTGR 478 2 CR.

PREREQ: CREDIT OR ENROLLMENT IN 371
 COURSE RESTRICTED TO ARTGR MAJORS
 1912005 MW 3:10-5:00

PROFESSNL PRESNTATN ARTGR 482 2 CR.

PREREQ: CREDIT OR ENROLLMENT IN 471
 COURSE RESTRICTED TO ARTGR MAJORS
 1929005 A MW 12:10-2:00
 1929010 B MW 12:10-2:00
 1929015 C MW 12:10-2:00

IND ST THEORY, CRIT ARTGR 490A 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 2-D DESGN ARTGR 490B 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY 3-D DESGN ARTGR 490C 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTGR 490H 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 MEMBERSHIP IN UNIV HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD COOP,INTERN ARTGR 490I 1- 6 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

PUBLICATN DSGN:BOOKS ARTGR 492 2 CR.

PREREQ: CREDIT OR ENROLLMENT IN 371
 FIELD TRIPS & TRAVEL FEE \$5.00
 1994005 MW 6:00-7:50PM

SIGNS,SYMBOLS,IMAGE ARTGR 571 3 CR.

PREREQ: 570
 RESTRICTED TO GRADUATE STUDENTS
 MATERIALS FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1908005 TR 10:00-12:50

TIME-BASE MLTIMEDIA ARTGR 573 2 CR.

PREREQ: GRADUATE ENROLLMENT
 RESTRICTED TO GRADUATE STUDENTS
 2046005 MW 8:00-9:50

ART:GRAPHIC DESIGN

ART:GRAPHIC DESIGN

ADVANCED TYPOGRAPHY ARTGR 575 2 CR.

PREREQ: GRADUATE ENROLLMENT
RESTRICTED TO GRADUATE STUDENTS
2113005 MW 12:10-2:00

WEB DSGN E-COMMERCE ARTGR 578 2 CR.

PREREQ: GRADUATE ENROLLMENT
RESTRICTED TO GRADUATE STUDENTS
2121005 MW 3:10-5:00

GRAPHIC DSN HIST II ARTGR 588 3 CR.

PREREQ: GRAD CLASSIFICATION & INSTRUCTOR PERMISSN
RESTRICTED TO GRADUATE STUDENTS
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
9452005 MWF 2:10-3:00

SPL TOPICS THEORY ARTGR 590A VAR. CR.

PREREQ: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR
EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED
AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
ENROLLMENT
RESTRICTED TO GRADUATE STUDENTS
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 2-DIMEN DSN ARTGR 590B VAR. CR.

PREREQ: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR
EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED
AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT.
RESTRICTED TO GRADUATE STUDENTS
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP 3-DIMEN DSN ARTGR 590C VAR. CR.

PREREQ: BACHELOR'S DEGREE IN GRAPHIC DESIGN, OR
EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALIZED
AREA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT.
RESTRICTED TO GRADUATE STUDENTS
***** SEE DEPT FOR REFERENCE NUMBERS

PUBLICATN DSGN:BOOKS ARTGR 592 2 CR.

PREREQ: GRADUATE ENROLLMENT
RESTRICTED TO GRADUATE STUDENTS
FIELD TRIPS & TRAVEL FEE \$5.00
2158005 MW 6:00-7:50PM

GRPHC DESIGN &HUMAN ARTGR 672 3 CR.

PREREQ: 570, 571
RESTRICTED TO GRADUATE STUDENTS
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8380005 TR 1:10-4:00

ADVANCED TOPICS ARTGR 690 VAR. CR.

PREREQ: MFA CLASSIFICATION, INSTRUCTOR PERMISSION
RESTRICTED TO GRADUATE STUDENTS
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS ARTGR 699A VAR. CR.

RESTRICTED TO GRADUATE STUDENTS
MATERIALS FEE \$25.00
8382005 ARRANGED

RESEARCH:THESIS EXH ARTGR 699B VAR. CR.

RESTRICTED TO GRADUATE STUDENTS
MATERIALS FEE \$25.00
8383005 ARRANGED

ART:INTEGRATED STUDIO ARTS

WOOD DESIGN I ARTIS 220 3 CR.

PREREQ: ART 109, 230
COURSE RESTRICTED TO ART, ARTFA MAJORS.
MATERIALS AND PROFESSIONAL SUPPORT FEE \$85.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1775005 MW 9:00-11:50

CERAMICS I ARTIS 222 3 CR.

PREREQ: ART 109, 130
COURSE RESTRICTED TO ART, ARTFA MAJORS
MATERIALS AND FIELD TRIPS & TRAVEL FEE \$70.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1776005 MW 9:00-11:50

JEWELRY/METALSMTH I ARTIS 224 3 CR.

PREREQ: ART 109,130, OR EQUIV; INSTR PERMISSION
COURSE RESTRICTED TO ART, ARTFA & ARTDN MAJORS
MATERIALS AND PROFESSIONAL SUPPORT FEE \$60.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7236005 TR 9:00-11:50

INTRO DIGITAL PHOTO ARTIS 227X 3 CR.

MATERIALS FEE \$25.00
1983005 MW 12:10-3:00

PHOTOGRAPHY I ARTIS 229 3 CR.

MATERIALS AND PROFESSIONAL SUPPORT FEE \$50.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1778005 A MW 8:00-10:50

SEC A RESTRICTED TO ART, ARTGR, ARTFA, ARTDN,
ARTID, BPMI, P BPMI MAJORS

1778010 B MW 8:00-10:50

SEC B RESTRICTED TO ARTGR, ARTFA, ARTDN, ARTID,
& BPM I MAJORS

1778015 C MW 2:10-5:00

SEC C RESTRICTED TO COLLEGE OF DESIGN

MAJOR

1778020 D MW 2:10-5:00

SEC D RESTRICTED COLLEGE OF DESIGN

MAJORS

1778025 E TR 11:00-2:00

SEC E RESTRICTED TO ART, ARTFA, ARTDN,
ARTID, BPM I AND P BPMI MAJORS

WATERCOLOR PAINTING ARTIS 233 3 CR.

PREREQ: ART 230
COURSE RESTRICTED TO BPM I, PBPMI, AND MAJORS
IN THE DESIGN COLLEGE
MATERIALS FEE \$10.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
1780005 MW 12:10-3:00

ART:INTEGRATED STUDIO ARTS

ART:INTEGRATED STUDIO ARTS

PAINTING I ARTIS 238 3 CR.
 PREREQ: ART 230
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID, BPM I, PBPMI MAJORS
 PROFESSIONAL SUPPORT FEE \$12.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7828005 A TR 8:00-10:50
 7828010 B TR 12:10-3:00
 7828015 C MW 8:00-10:50

INTRO TO PRINTMKING ARTIS 255X 3 CR.
 MATERIALS FEE \$110.00
 1963005 TR 9:00-11:50

FND VISUAL LITERACY ARTIS 301 3 CR.
 PREREQ: ART 109, 130
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID MAJORS
 7938005 A ARRANGED
 COURSE DELIVERY IS WWW

MIXED MEDIA ARTIS 305 3 CR.
 PREREQ: 12 CREDITS IN DESIGN AND/OR DRAWING
 INCLUDING ART 109,130
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID MAJORS
 MATERIALS FEE \$5.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1771005 TR 11:00-2:00

MODELG&VIRTUL PHOTO ARTIS 308 3 CR.
 PREREQ: ART 230
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID MAJORS
 MATERIALS FEE \$30.00
 6423005 A MW 10:00-12:50

SOURCES VISUAL DSGN ARTIS 310 3 CR.
 PREREQ: ART 109, 230
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID MAJORS
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00
 6432005 A TR 2:10-5:00
 6432010 B TR 8:00-10:50

WOOD DESIGN II ARTIS 320 3 CR.
 PREREQ: 220
 COURSE RESTRICTED TO ART, ARTFA MAJORS
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$105.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1798005 MW 1:10-4:00

CERAMICS II ARTIS 322 3 CR.
 PREREQ: 222
 COURSE RESTRICTED TO ART, ARTFA MAJORS
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$70.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1799005 MW 1:10-4:00

JEWELR/METALSMTH II ARTIS 324 3 CR.
 PREREQ: 224
 COURSE RESTRICTED TO ART, ARTFA MAJORS
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$60.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7237005 TR 1:10-4:00

ILLUSTR AS COMMUNIC ARTIS 327 3 CR.
 PREREQ: 326
 COURSE RESTRICTED TO ART, ARTFA, ARTGR,
 BPM I MAJORS
 7239005 TR 11:00-2:00

PHOTOGRAPHY II ARTIS 329 3 CR.
 PREREQ: 229
 COURSE RESTRICTED TO ART, ARTFA, ARTGR,
 BPM I MAJORS
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$50.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1801005 TR 8:00-11:00

DRAW III:LIFE DRWNG ARTIS 330 3 CR.
 PREREQ: ART 230
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 BPM I, PBPMI MAJORS
 PROFESSIONAL SUPPORT FEE \$40.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1802005 A MW 2:10-5:00
 1802010 B TR 2:10-5:00

THREE-DIMENS STUDIO ARTIS 335 2 CR.
 1806005 1 TR 1:10-3:30
 1806010 2 TR 9:00-11:20

BIOL ILLUSTR TECHNQ ARTIS 337 3 CR.
 PREREQ: 336
 9104005 TR 3:10-6:00PM

PAINTING II ARTIS 338 3 CR.
 PREREQ: 238
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 ARTID, BPM I MAJORS.
 PROFESSIONAL SUPPORT FEE \$12.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7832005 A TR 3:10-6:00PM

FIBER FORMS ARTIS 343 3 CR.
 PREREQ: ART 109,130, OR EQUIV; INSTR PERMISSION
 MATERIALS AND EQUIPMENT USE FEE \$30.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1781005 TR 2:10-5:00

PRINTED FABRIC DSN ARTIS 347 3 CR.
 PREREQ: ART 109,130, OR EQUIV; INSTR PERMISSION
 MATERIALS AND EQUIPMENT USE FEE \$60.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1809005 TR 11:00-2:00

ART:INTEGRATED STUDIO ARTS

ART:INTEGRATED STUDIO ARTS

INTAGLIO ARTIS 359 3 CR.

PREREQ: ART 230
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$140.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1811005 TR 2:10-5:00

WOOD DESIGN III ARTIS 420 3 CR.

PREREQ: 320
 COURSE RESTRICTED TO ART, ARTFA MAJORS
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$105.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1838005 MW 1:10-4:00

CERAMICS III ARTIS 422 3 CR.

PREREQ: 322
 COURSE RESTRICTED TO ART, ARTFA MAJORS
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$70.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1839005 MW 2:10-5:00

JEWELR/METALSMI III ARTIS 424 3 CR.

PREREQ: 324
 COURSE RESTRICTED TO ART, ARTFA MAJORS
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$60.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7250005 TR 1:10-4:00

DRAWING IV ARTIS 430 3 CR.

PREREQ: 330
 COURSE RESTRICTED TO ART, ARTDN, ARTFA, ARTGR,
 BPM I MAJORS
 PROFESSIONAL SUPPORT FEE \$5.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1841005 A TR 11:00-2:00

PAINTING III ARTIS 438 3 CR.

PREREQ: 338
 COURSE RESTRICTED TO ARTDN, ARTFA, ARTID MAJORS
 PROFESSIONAL SUPPORT FEE \$12.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7833005 A TR 3:10-6:00PM

INDEP STDY CERAMICS ARTIS 490B 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$70.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST COMPUTER A&D ARTIS 490C 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY DRAWING ARTIS 490D 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY FIBERS ARTIS 490E 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST ILLUSTRATION ARTIS 490F 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY METALS ARTIS 490G 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$60.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTIS 490H 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY PAINTING ARTIS 490I 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD PHOTOGRAPHY ARTIS 490J 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD PRINTMAKING ARTIS 490K 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$60.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY WOOD ARTIS 490L 1- 6 CR.

PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$35.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART:INTEGRATED STUDIO ARTS

IND STD MIXED MEDIA ARTIS 490M 1- 6 CR.
 PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

MIXED MEDIA ARTIS 505 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 MATERIALS FEE \$5.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7553005 TR 11:00-2:00

WOOD DESIGN STUDIO ARTIS 520 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRCTR PERMISSION
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$105.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1895005 MW 1:10-4:00

CERAMICS STUDIO ARTIS 522 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTR PERMISSION
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$70.00
 1896005 MW 2:10-5:00
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

JEWEL&DEC METAL STU ARTIS 524 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRCTR PERMISSION
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$60.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7255005 TR 1:10-4:00

DRAWING ARTIS 530 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 PROFESSIONAL SUPPORT FEE \$5.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7747005 A TR 11:00-2:00

PAINTING ARTIS 538 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 PROFESSIONAL SUPPORT FEE \$12.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7826005 A TR 3:10-6:00PM

INTAGLIO ARTIS 559 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRCTR PERMISSION
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$140.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7751005 TR 2:10-5:00

SPL TOPICS CERAMICS ARTIS 590B VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$70.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART:INTEGRATED STUDIO ARTS

SPL TOP COMPUTR A&D ARTIS 590C VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS DRAWING ARTIS 590D VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS FIBER ARTIS 590E VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ILLUSTRATN ARTIS 590F VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS METALS ARTIS 590G VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$60.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS PAINTING ARTIS 590I VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$50.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART: INTERIOR DESIGN

ART: INTEGRATED STUDIO ARTS

SPL TOP PRINTMAKING ARTIS 590K VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$60.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS WOOD ARTIS 590L VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$35.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MIXED MEDIA ARTIS 590M VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN ART AND/OR DSGN,
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ART: INTERIOR DESIGN

SOPHOMOR FIELD STDY ARTID 259 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ENROLLMENT IN SECOND YEAR STUDIO COURSE
 COURSE RESTRICTED TO ARTID MAJORS
 FIELD TRIPS & TRAVEL FEE \$225.00
 2162005 ARRANGED

GRPH COM INT DS III ARTID 263 3 CR.
 PREREQ: 261, ENROLLMENT IN 267
 COURSE RESTRICTED TO ARTID MAJORS
 2177005 A MW 5:30-8:30PM
 2177010 B MW 1:10-4:00

INT DSGN STUDIO II ARTID 267 4 CR.
 PREREQ: 261, 262, 265, 350 OR ARCH 240,
 ART H 181, ENROLLMENT IN 351, 355, 263 AND T C 204
 COURSE RESTRICTED TO ARTID MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1714005 A MW 10:00-12:50
 W 9:00-9:50
 1714010 B MW 10:00-12:50
 W 9:00-9:50

INTERIOR SYSTEMS II ARTID 351 3 CR.
 PREREQ: 265, 350 OR ARCH 240
 COURSE RESTRICTED TO ARTID MAJORS
 FIELD TRIPS & TRAVEL FEE \$15.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1683005 TR 8:00-9:30PM

INTERIOR SYSTMS III ARTID 352 3 CR.
 PREREQ: 351, ENROLLMENT IN 365
 COURSE RESTRICTED TO ARTID JUNIORS ONLY.
 MATERIALS FEE \$15.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1656005 T 12:10-2:00
 R 12:10-2:00

INT DSN HIST/THY II ARTID 356 3 CR.
 PREREQ: ART H 181
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1845005 TR 9:30-11:00

INT DESIGN STDIO IV ARTID 367 4 CR.
 PREREQ: 352, 365, CR OR ENROLLMENT IN 356 & 369
 COURSE RESTRICTED TO ARTID MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1817005 A MW 1:10-4:00
 W 12:10-1:00
 1817010 B MW 1:10-4:00
 W 12:10-1:00

I D INTERNSHP SEMNR ARTID 369 .5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ENROLLMENT IN THIRD-YEAR STUDIO COURSE
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1818005 M 12:10-1:00

INTERIOR SYSTEMS IV ARTID 453 2 CR.
 PREREQ: 352 AND ENROLLMENT IN 467
 COURSE RESTRICTED TO ARTID MAJORS
 7731005 TR 2:10-4:00

INT DSN PRO PRACTCE ARTID 461 2 CR.
 PREREQ: 460
 COURSE RESTRICTED TO ARTID MAJORS
 FIELD TRIPS & TRAVEL FEE \$10.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1847005 W 4:10-6:00PM

HOUSING THE AGING ARTID 463 3 CR.
 FIELD TRIPS & TRAVEL FEE \$10.00
 MEETS U.S. DIVERSITY REQMT.
 1823005 TR 11:00-12:20

STUDIES IN INT DSGN ARTID 464 2- 3 CR.
 PREREQ: 12 CREDITS IN DESIGN-RELATED COURSES,
 PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005.
 COURSE RESTRICTED TO ARTID MAJORS
 FIELD TRIPS & TRAVEL FEE \$0.00-\$200.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1850005 MW 9:30-10:50
 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK,

PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

ASTRONOMY & ASTROPHYSICS

ART: INTERIOR DESIGN

INT DESIGN STUDIO VI ARTID 467 4 CR.
 PREREQ: 465, CR OR ENROLLMENT IN 464 & ALL REQ'D
 INTERIOR SYSTEMS AND HIST/THEORY/CRITICISM COURSES
 COURSE RESTRICTED TO ARTID MAJORS. STUDENTS
 ARE PLACED INTO SECTIONS BY THE DEPARTMENT.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1852005 A W 12:10-1:00
 MWF 1:10-4:00
 1852010 B WF 12:10-1:00
 MW 1:10-4:00

INT DSN URBN SETTING ARTID 468X 2 CR.
 PREREQ: CREDIT OR CLASSIFICATION IN THIRD YEAR
 STUDIO
 FIELD TRIPS & TRAVEL FEE \$550.00
 8412005 MW 4:10-5:00

INDEPENDENT STUDY ARTID 490 1- 6 CR.
 PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ARTID 490H 1- 6 CR.
 PREREQ: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEMESTER OF
 ENROLLMENT
 MEMBERSHIP IN UNIV HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

STUDIES IN INT DSGN ARTID 564 2- 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 7179005 MW 9:30-10:50
 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK,
 PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SPECIAL TOPICS ARTID 590 VAR. CR.
 PREREQ: BACHELOR'S DEGREE IN INTERIOR DSGN
 OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
 AREA. WRITTEN APPROVAL OF INSTR & DEPT CHAIR
 ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH METHODS ARTID 660 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2067005 MW 2:10-3:30

ADVANCED TOPICS ARTID 690 VAR. CR.
 PREREQ: MFA CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH: THESIS ARTID 699A VAR. CR.
 MATERIALS FEE \$5.00
 8389005 ARRANGED

RESEARCH: THESIS-EXH ARTID 699B VAR. CR.
 MATERIALS FEE \$5.00
 8390005 ARRANGED

EXPLORING SKY&EARTH ASTRO 102X 1 CR.
 SATISFACTORY-FAIL ONLY.
 CREDIT FOR ONLY TWO OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: ASTRO 102X,
 ASTRO 103X, ASTRO 120
 8059005 ARRANGED
 COURSE DELIVERY IS WWW

EVENING STAR ASTRO 103X 1 CR.
 SATISFACTORY-FAIL ONLY.
 CREDIT FOR ONLY TWO OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: ASTRO 102X,
 ASTRO 103X, ASTRO 120
 8042005 ARRANGED
 COURSE DELIVERY IS WWW

SKY & SOLAR SYSTEM ASTRO 120 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE
 DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 CREDIT FOR ONLY TWO OF THE FOLLOWING COURSES MAY BE
 APPLIED TOWARD GRADUATION: ASTRO 102X,103X,120.
 1951005 1 F 8:00-8:50
 1951010 2 F 9:00-9:50
 1951015 3 F 10:00-10:50
 1951020 4 F 11:00-11:50
 1951025 5 F 12:10-1:00
 1951030 6 F 1:10-2:00
 1951035 7 F 2:10-3:00
 1951040 8 F 3:10-4:00
 1951045 9 R 4:10-5:00
 1951050 10 M 8:00-8:50
 1951055 11 M 9:00-9:50
 1951060 12 M 10:00-10:50
 1951065 13 M 11:00-11:50
 1951070 14 M 12:10-1:00
 1951075 15 M 1:10-2:00
 1951080 16 M 2:10-3:00
 1951085 17 M 3:10-4:00
 1951115 W TR 11:00-11:50
 1951120 Z TR 12:10-1:00

SKY & SOLAR SYST LAB ASTRO 125L 1 CR.
 PREREQ: CONCURRENT OR PREVIOUS ENROLLMENT IN 120
 2522005 A M 8:00-9:50PM
 2522010 B T 8:00-9:50PM
 2522015 C W 8:00-9:50PM
 2522020 D R 8:00-9:50PM

STARS, GALAXIES&COSM ASTRO 150 3 CR.
 1952005 1 TR 1:10-2:00
 W 9:00-9:50
 1952010 2 TR 1:10-2:00
 W 10:00-10:50
 1952015 3 TR 1:10-2:00
 W 11:00-11:50
 1952020 4 TR 1:10-2:00
 W 12:10-1:00
 1952025 5 TR 1:10-2:00
 W 1:10-2:00
 1952030 6 TR 1:10-2:00
 W 2:10-3:00
 1952035 7 TR 1:10-2:00
 W 3:10-4:00

ASTRONOMY & ASTROPHYSICS

ASTRONOMY & ASTROPHYSICS

STARS,GALAXIES&COSM ASTRO 150 3 CR.
 1952040 8 TR 1:10-2:00
 W 4:10-5:00
 1952045 9 TR 1:10-2:00
 R 8:00-8:50
 1952050 10 TR 1:10-2:00
 R 9:00-9:50
 1952055 11 TR 1:10-2:00
 R 10:00-10:50

ASTRONOMY BIZARRE ASTRO 250 3 CR.
 PREREQ: 120 OR 150
 4569005 MWF 2:10-3:00

INDEPENDENT STUDY ASTRO 290 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTRO TO ASTROPHYSC ASTRO 346 3 CR.
 PREREQ: PHYS 222
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8740005 MWF 1:10-2:00

UNDERGRAD RESEARCH ASTRO 450 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH ASTRO 450L 1- 6 CR.
 PREREQ: 344L AND PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY ASTRO 490 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY ASTRO 490H 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN
 THE HONORS PROGRAM
 NO MORE THAN 9 CREDITS OF ASTRO 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

OBSERV ASTROPHYSICS ASTRO 510 3 CR.
 PREREQ: 405 OR 505
 1962005 ARRANGED

STELLAR STRUCT&EVOL ASTRO 580 3 CR.
 PREREQ: 405 OR 505
 1966005 ARRANGED

SPECIAL TOPICS ASTRO 590 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ASTRO 599 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

GALACTIC &EXTRAGLCT ASTRO 615 3 CR.
 PREREQ: 405 OR 505
 1969005 ARRANGED

ADVANCED SEMINAR ASTRO 650 1 CR.
 SATISFACTORY-FAIL ONLY.
 1970005 F 4:10-5:00

ADV TOPIC ASTROPHYS ASTRO 660 1- 3 CR.
 1971005 ARRANGED

RESEARCH ASTRO 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ATHLETICS

INTERCOL BASKETBALL ATH 101B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 MEN. NO MORE THAN 4 CREDITS OF ATH 101 MAY BE
 APPLIED TOWARD GRADUATION. CREDIT IN ATH 101 MAY NOT
 BE APPLIED TOWARD GRADUATION IF CREDIT IS RECEIVED
 FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR
 EX SP/P E 166 OR 167.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1974005 ARRANGED

INTERCOL BASKETBALL ATH 101C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 WOMEN. NO MORE THAN 4 CREDITS OF ATH 101 MAY BE
 APPLIED TOWARD GRADUATION. CREDIT IN ATH 101 MAY NOT
 BE APPLIED TOWARD GRADUATION IF CREDIT IS RECEIVED
 FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR
 EX SP/P E 166 OR 167.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1975005 ARRANGED

INTERCOLLEGIAT GOLF ATH 101G 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 MEN. NO MORE THAN 4 CREDITS OF ATH 101 MAY BE
 APPLIED TOWARD GRADUATION. CREDIT IN ATH 101 MAY NOT
 BE APPLIED TOWARD GRADUATION IF CREDIT IS RECEIVED
 FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR
 EX SP/P E 166 OR 167.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1973005 ARRANGED

INTERCOL GYMNASTICS ATH 101J 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 WOMEN. NO MORE THAN 4 CREDITS OF ATH 101 MAY BE
 APPLIED TOWARD GRADUATION. CREDIT IN ATH 101 MAY NOT
 BE APPLIED TOWARD GRADUATION IF CREDIT IS RECEIVED
 FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR
 EX SP/P E 166 OR 167.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1981005 ARRANGED

ATHLETICS

ATHLETICS

INTERCOLL SOFTBALL ATH 101K 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 WOMEN. NO MORE THAN 4 CREDITS OF ATH 101 MAY BE
 APPLIED TOWARD GRADUATION. CREDIT IN ATH 101 MAY NOT
 BE APPLIED TOWARD GRADUATION IF CREDIT IS RECEIVED
 FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR
 EX SP/P E 166 OR 167.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1982005 ARRANGED

INTERCOLL SWIMMING ATH 101M 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 WOMEN. NO MORE THAN 4 CREDITS OF ATH 101 MAY BE
 APPLIED TOWARD GRADUATION. CREDIT IN ATH 101 MAY NOT
 BE APPLIED TOWARD GRADUATION IF CREDIT IS RECEIVED
 FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR
 EX SP/P E 166 OR 167.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1984005 ARRANGED

INTERCOLLEG TENNIS ATH 101O 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 WOMEN. NO MORE THAN 4 CREDITS OF ATH 101 MAY BE
 APPLIED TOWARD GRADUATION. CREDIT IN ATH 101 MAY NOT
 BE APPLIED TOWARD GRADUATION IF CREDIT IS RECEIVED
 FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR
 EX SP/P E 166 OR 167.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1986005 ARRANGED

INTERCOLLEG TRACK ATH 101P 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 MEN. NO MORE THAN 4 CREDITS OF ATH 101 MAY BE
 APPLIED TOWARD GRADUATION. CREDIT IN ATH 101 MAY NOT
 BE APPLIED TOWARD GRADUATION IF CREDIT IS RECEIVED
 FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR
 EX SP/P E 166 OR 167.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1987005 ARRANGED

INTERCOLLEG TRACK ATH 101Q 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 WOMEN. NO MORE THAN 4 CREDITS OF ATH 101 MAY BE
 APPLIED TOWARD GRADUATION. CREDIT IN ATH 101 MAY NOT
 BE APPLIED TOWARD GRADUATION IF CREDIT IS RECEIVED
 FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR
 EX SP/P E 166 OR 167.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1988005 ARRANGED

INTERCOLL WRESTLING ATH 101S 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 MEN. NO MORE THAN 4 CREDITS OF ATH 101 MAY BE
 APPLIED TOWARD GRADUATION. CREDIT IN ATH 101 MAY NOT
 BE APPLIED TOWARD GRADUATION IF CREDIT IS RECEIVED
 FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR
 EX SP/P E 166 OR 167.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1990005 ARRANGED

INTERCOLLEGIAT GOLF ATH 101T 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF HEAD COACH
 WOMEN. NO MORE THAN 4 CREDITS OF ATH 101 MAY BE
 APPLIED TOWARD GRADUATION. CREDIT IN ATH 101 MAY NOT
 BE APPLIED TOWARD GRADUATION IF CREDIT IS RECEIVED
 FOR SKILL TECHNIQUE COURSE IN THE SAME SPORT OR
 EX SP/P E 166 OR 167.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1991005 ARRANGED

**BIOCHEM, BIOPHYSICS & MOLECULAR
 BIO**

INTRO BIOCHEMISTRY BBMB 102 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN CHEM 177 AND 177L
 ENROLLMENT IN THIS COURSE WILL CAUSE A TIME
 CONFLICT MESSAGE. IGNORE CONFLICTS BUILT INTO THE
 SECTION MEETING TIME. LECTURE AND LAB DO NOT MEET
 DURING THE SAME WEEK.
 MATERIALS FEE \$10.00
 1997005 A F 2:10-3:00 MACINTOSH G
 F 1:10-3:00 MACINTOSH G
 1997010 B F 2:10-3:00 MACINTOSH G
 F 2:10-4:00 MACINTOSH G

BIOL OF COMMON MEDS BBMB 133X 3 CR.
 2378005 MWF 3:10-4:00 HECK D

BIOCHEMCL PROCESSES BBMB 221 3 CR.
 PREREQ: CHEM 163, 167, OR 177
 CREDIT FOR EITHER BBMB 221 OR CHEM 231, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION. BIOCHEMISTRY
 AND BIOPHYSICS MAJORS MAY NOT COUNT CREDIT FOR
 BBMB 221 TOWARD THE MAJOR BUT IT IS ACCEPTABLE AS AN
 ELECTIVE.
 1998005 MWF 9:00-9:50 HUIATT T

SURVEY OF BIOCHEM BBMB 301 3 CR.
 PREREQ: CHEM 231 OR 331
 BIOCHEMISTRY AND BIOPHYSICS MAJORS MAY NOT
 APPLY CREDIT FOR BBMB 301 TOWARD DEGREE REQUIREMENTS
 FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE
 1999005 MWF 12:10-1:00 ROBYT J

BIOCHEMISTRY LAB BBMB 311 2 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 301 OR BIOL 302
 CREDIT FOR EITHER BBMB 311 OR BIOL 302L, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION. BIOCHEMISTRY
 AND BIOPHYSICS MAJORS MAY NOT COUNT CREDIT FOR
 BBMB 311 TOWARD THE MAJOR BUT IS IS ACCEPTABLE AS AN
 ELECTIVE.
 MATERIALS FEE \$10.00

BIOCHEM, BIOPHYSICS & MOLECULAR BIO

2000005 A T 8:00-8:50 NIKOLAU B
 T 9:00-11:50 NIKOLAU B
 2000010 B T 8:00-8:50
 R 9:00-11:50PM

BIOCHEMISTRY II BBMB 405 3 CR.

PREREQ: 404
 CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405
 SEQUENCE, BUT NOT BOTH, MAY BE COUNTED TOWARD
 GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2003005 MWF 11:00-11:50 BEITZ D

TOPICS IN BIOPHYSICS BBMB 461 2 CR.

PREREQ: 451 OR CHEM 321 OR PHYS 304
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2007005 TR 11:00-11:50 ANDREOTTI A

INDEPENDENT STUDY BBMB 490 VAR. CR.

PREREQ: INSTRUCTOR PERMISSION; COLLEGE OF
 AGRICULTURE: JUNIOR OR SENIOR CLASSIFICATION
 NO MORE THAN 9 CREDITS OF BBMB/B B 490 MAY BE
 COUNTED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS BBMB 490H VAR. CR.

PREREQ: MEMBERSHIP IN UNIV HONORS PROGRAM
 INSTRUCTOR PERMISSION; COLLEGE OF AGRICULTURE:
 JUNIOR OR SENIOR CLASSIFICATION
 NO MORE THAN 9 CREDITS OF BBMB/B B 490 MAY BE
 COUNTED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH BBMB 499 1- 5 CR.

PREREQ: PERMISSION OF STAFF MEMBER WITH WHOM
 STUDENT PROPOSES TO WORK
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMPRHNS BIOCHEM II BBMB 502 4 CR.

PREREQ: 501
 2011005 MTRF 1:10-2:00 CULVER G

BIOINORGANIC CHEM BBMB 503 2 CR.

PREREQ: CHEM 402 OR BBMB 405
 2012005 TR 9:30-10:20 KOSTIC N
 SECTION INFO:

<http://avogadro.chem.iastate.edu/chem503/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem503/syllabu>

INTRO DNA TECHNIQS BBMB 542A 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7099005 TR 1:10-2:00
 TR 2:10-4:00
 JAN 11-FEB 10

INTR PROTEIN TECHNQ BBMB 542B 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7100005 TR 1:10-2:00
 TR 2:10-4:00
 FEB 15-MARCH 24

INTRO CELL TECHNIQS BBMB 542C 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7101005 TR 1:10-2:00
 TR 2:10-4:00
 MARCH 29-APRIL 28

INTR PLNT TRNSFM TQ BBMB 542D 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7104005 ARRANGED
 FEB 9-APRIL 20

BIOMOL NMR SPECTRTPY BBMB 552X 2 CR.

8146005 1 TR 11:00-11:50

SPECIAL TOPICS BBMB 590 VAR. CR.

***** SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP BBMB 593 1 CR.

PREREQ: PERMISSION OF INSTRUCTOR
 4853005 ARRANGED
 WORKSHOP FEE APPLIES

KINETICS OF ENZYME BBMB 632 1- 2 CR.

PREREQ: 501
 2025005 TR 10:00-10:50 FROMM H

HORMON &GROWTH FACT BBMB 645 2 CR.

PREREQ: 420, 405, OR 502
 2028005 TR 11:00-11:50 NILSEN-HAMILTON

PROT CHEM-CHEM MTHD BBMB 652 1 CR.

PREREQ: 404 OR 501
 2030005 TR 9:00-9:50 HARGROVE M
 JAN 10-MARCH 4

PROT CHEM-PHYS MTHD BBMB 653 1 CR.

PREREQ: 404 OR 501
 2031005 TR 9:00-9:50 ANDREOTTI A
 MARCH 7-MAY 6

ADVANCED SEMINAR BBMB 681 1 CR.

PREREQ: PERMISSION OF INSTRUCTOR
 2034005 T 4:10-6:00PM FROMM H

DEPARTMENT SEMINAR BBMB 682 R CR.

PREREQ: PERMISSION OF INSTRUCTOR
 2035005 R 4:10-6:00PM THORNBURG R

SEM PLT PHYSL,MOLEC BBMB 696 1 CR.

7752005 W 4:10-5:00

SEMINAR IN MCDB BBMB 698 1- 2 CR.

COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2005.
 2037005 M 3:10-5:00

RESEARCH BBMB 699 VAR. CR.

PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOINFORMATICS AND COMPUTATIONAL BIOL

INTRO DNA TECHNIQS	BCB	542A	1 CR.
SATISFACTORY-FAIL ONLY.			
PREREQ: GRADUATE CLASSIFICATION			
1828005	TR 1:10-2:00		
	TR 2:10-4:00		
	JAN 11-FEB 10		
INTR PROTEIN TECHNQ	BCB	542B	1 CR.
SATISFACTORY-FAIL ONLY.			
PREREQ: GRADUATE CLASSIFICATION			
1865005	TR 1:10-2:00		
	TR 2:10-4:00		
	FEB 15-MARCH 24		
INTRO CELL TECHNIQS	BCB	542C	1 CR.
SATISFACTORY-FAIL ONLY.			
PREREQ: GRADUATE CLASSIFICATION			
1830005	TR 1:10-2:00		
	TR 2:10-4:00		
	MARCH 29-APRIL 28		
INTR PLNT TRNSFM TQ	BCB	542D	1 CR.
SATISFACTORY-FAIL ONLY.			
PREREQ: GRADUATE CLASSIFICATION			
1864005	ARRANGED		
	FEB 9-APRIL 20		
COMP GENOMICS& EVOL	BCB	556	3 CR.
PREREQ: BIOL 301			
1293005	TR 3:40-5:00		
PRO PRACTC RESEARCH	BCB	565A	.5 CR.
PREREQ: GRADUATE CLASSIFICATION			
1873005	1 T 12:10-1:00		
1873010	2 ARRANGED		
PRO PRAC INTEL PROP	BCB	565B	.5 CR.
PREREQ: GRADUATE CLASSIFICATION			
1874005	ARRANGED		
PRO LIFE SCIETHICS	BCB	565C	.5 CR.
PREREQ: GRADUATE CLASSIFICATION			
1893005	ARRANGED		
PRO PLNT BREED ETHC	BCB	565D	.5 CR.
PREREQ: GRADUATE CLASSIFICATION			
1875005	R 1:10-3:00		
SPECIAL TOPICS	BCB	590	VAR. CR.
PREREQ: PERMISSION OF INSTRUCTOR			
1337005	ARRANGED		
WKSHP BIOINFORMATCS	BCB	593	1 CR.
7397005	W 3:10-4:00		
COMPUTNL MOLEC BIOL	BCB	594	3 CR.
PREREQ: 484, 495, STAT 432 OR EQUIVALENT COURSES;			
PROGRAMMING EXPERIENCE (C,C++, OR PERL)			
7964005	TR 9:30-10:50		

BIOINFORMATICS AND COMPUTATIONAL BIOL

CREATIVE COMPONENT	BCB	599	VAR. CR.
1342005	ARRANGED		
STUDT SEMINR BIOINF	BCB	690	1 CR.
7830005	F 1:10-2:00		
GRAD RESEARCH ROTAT	BCB	697	VAR. CR.
7827005	ARRANGED		
RESEARCH	BCB	699	VAR. CR.
*****	SEE DEPT FOR REFERENCE NUMBERS		

BIOLOGICAL/PRE-MEDICAL ILLUSTRATION

ILLUSTR AS COMMUNIC	BPM I	327	3 CR.
PREREQ: ARTVS 326			
COURSE RESTRICTED TO ART, ARTFA, ARTGR,			
BPM I MAJORS			
1748005	TR 11:00-2:00		
BIOL ILLUSTR TECHNQ	BPM I	337	3 CR.
PREREQ: 336			
9105005	TR 3:10-6:00PM		
FIELD ILLUSTRATION	BPM I	395	1- 3 CR.
PREREQ: PERMISSION OF INSTRUCTOR			
COURSE OFFERED FOR ONLY 1 CREDIT SPRING 2005			
FIELD TRIPS & TRAVEL FEE \$185.00			
7996005	1 T 6:00-6:50PM		
INDEPENDENT STUDY	BPM I	490	1- 3 CR.
PREREQ: WRITTEN APPROVAL OF INSTR & ADVISORY COMM			
CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF			
ENROLMT			
NO MORE THAN 3 CREDITS IN BPM I 490 MAY BE			
APPLIED TOWARD GRADUATION			
*****	SEE DEPT FOR REFERENCE NUMBERS		
SPCL TOPICS ILLUSTR	BPM I	494	1- 3 CR.
COURSE ONLY OFFERED FOR 2 CREDITS SPRING 2005.			
7277005	1 MW 6:00-8:00PM		
TOPIC - COMPUTER ILLUSTRATION			
INSTRUCTOR PERMISSION REQUIRED, PROCESS			
APPROVED ADD SLIP IN 10 ALUMNI HALL			
ILLUSTRATION INTERN	BPM I	497	1- 6 CR.
SATISFACTORY-FAIL ONLY.			
PREREQ: JR OR SR CLASSIFICATION IN BPM I. WRITTEN			
APPROVAL OF SUPERVISING INSTR & ADVISORY COMM CHAIR			
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF			
ENROLLMENT			
*****	SEE DEPT FOR REFERENCE NUMBERS		

BIOLOGY

INTRODUCTORY BIOL	BIOL	109	3 CR.
CREDIT FOR EITHER BIOL 109 OR BIOL 201, BUT NOT			
BOTH, MAY BE APPLIED TOWARD GRADUATION			
2064005	1 MWF 9:00-9:50		
2064010	2 TR 2:10-3:30		
2064015	3 ARRANGED		
COURSE DELIVERY IS WWW			
SECTION INFO:			
http://project.bio.iastate.edu/			

BIOLOGY

BIOLOGY

ENVIRONMENTAL BIOLOGY BIOL 123 3 CR.
 BIOL/ENV S 123 DOES NOT COUNT TOWARD CREDITS
 REQUIRED IN A BIOLOGY MAJOR
 2015005 ARRANGED

COURSE DELIVERY IS WWW
 SECTION INFO:

<http://project.bio.iastate.edu/>

BIOL OF COMMON MEDS BIOL 133X 3 CR.
 2364005 MWF 3:10-4:00 HECK D

PRIN OF BIOLOGY I BIOL 201 3 CR.
 PREREQ: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR
 CREDIT OR ENROLLMENT IN CHEM 163 OR 177
 CREDIT FOR EITHER BIOL 109 OR BIOL 201, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 9468005 1 MWF 10:00-10:50
 9468010 2 TR 9:30-10:50

PRIN BIOLOGY LAB I BIOL 201L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 201
 MATERIALS AND EQUIPMENT USE FEE \$35.00
 9470005 1 M 3:10-6:00PM
 9470010 2 T 9:00-11:50
 9470015 3 T 12:10-3:00
 9470020 4 T 3:10-6:00PM
 9470025 5 T 6:00-8:50PM
 9470030 6 W 9:00-11:50
 9470035 7 W 12:10-3:00
 9470040 8 W 3:10-6:00PM
 9470045 9 W 6:00-8:50PM
 9470050 10 R 9:00-11:50
 9470055 11 R 12:10-3:00
 9470060 12 R 3:10-6:00PM

PRIN OF BIOLOGY II BIOL 202 3 CR.
 PREREQ: 201
 9469005 1 MWF 8:00-8:50
 9469010 2 MWF 3:10-4:00
 9469015 3 TR 12:40-2:00
 9469020 4 ARRANGED

COURSE DELIVERY IS WWW
 SECTION INFO:

<http://project.bio.iastate.edu/>

PRIN BIOLOGY LAB II BIOL 202L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 202
 MATERIALS AND EQUIPMENT USE FEE \$35.00
 9471005 1 T 9:00-11:50
 9471010 2 T 12:10-3:00
 9471015 3 T 3:10-6:00PM
 9471020 4 T 6:00-8:50PM
 9471025 5 W 9:00-11:50
 9471030 6 W 12:10-3:00
 9471035 7 W 3:10-6:00PM
 9471040 8 W 6:00-8:50PM
 9471045 9 R 9:00-11:50
 9471050 10 R 12:10-3:00
 9471055 11 R 3:10-6:00PM
 9471060 12 R 6:00-8:50PM
 9471065 13 T 9:00-11:50
 9471070 14 T 12:10-3:00
 9471075 15 T 3:10-6:00PM
 9471080 16 T 6:00-8:50PM
 9471085 17 W 9:00-11:50
 9471090 18 W 12:10-3:00
 9471095 19 W 3:10-6:00PM
 9471100 20 R 9:00-11:50

PRIN BIOLOGY LAB II BIOL 202L 1 CR.
 9471105 21 R 12:10-3:00
 9471110 22 R 3:10-6:00PM
 9471115 23 R 6:00-8:50PM

PRINCIP OF GENETICS BIOL 301 3 CR.
 PREREQ: 201L, 202L, CREDIT OR ENROLLMENT IN
 ORGANIC CHEMISTRY
 CREDIT FOR GRADUATION WILL NOT BE ALLOWED
 FOR MORE THAN ONE OF THE FOLLOWING: GEN 260,
 GEN/BIO 301 AND 301L, GEN/AGRON 320
 9472005 1 MWF 1:10-2:00

GENETICS LABORATORY BIOL 301L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 301
 CREDIT FOR GRADUATION WILL NOT BE ALLOWED
 FOR MORE THAN ONE OF THE FOLLOWING: GEN 260,
 GEN/BIO 301 AND 301L, GEN/AGRON 320
 MATERIALS FEE \$40.00
 9473005 1 T 9:00-9:50
 T 10:00-11:50
 9473010 2 T 1:10-2:00
 T 2:10-4:00
 9473015 3 T 6:00-6:50PM
 T 7:00-8:50PM
 9473020 4 R 9:00-9:50
 R 10:00-11:50
 9473025 5 R 1:10-2:00
 R 2:10-4:00
 9473030 6 R 6:00-6:50PM
 R 7:00-8:50PM

PRIN MOLEC CELL BIO BIOL 302 3 CR.
 PREREQ: 301
 9474005 1 MWF 2:10-3:00

MOL CELL&BIOCHM LAB BIOL 302L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 302
 CREDIT FOR EITHER BBMB 311 OR BIOL 302L, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 MATERIALS FEE \$50.00
 9475005 1 T 9:00-9:50
 T 10:00-11:50
 9475010 2 T 1:10-2:00
 T 2:10-4:00
 9475015 3 T 6:00-6:50PM
 T 7:00-8:50PM
 9475020 4 W 11:00-11:50
 W 12:10-2:00
 9475025 5 W 3:10-4:00
 W 4:10-6:00PM
 9475030 6 R 9:00-9:50
 R 10:00-11:50
 9475035 7 R 1:10-2:00
 R 2:10-4:00
 9475040 8 R 6:00-6:50PM
 R 7:00-8:50PM

BIOLOGICAL EVOLUTN BIOL 303 3 CR.
 PREREQ: 301
 5604005 1 MWF 12:10-1:00

BIOMEDICAL ENGINEERING

BIOLOGY

INSECTS & OUR HEALTH BIOL 374 3 CR.
 PREREQ: 3 CR IN BIOLOGICAL SCIENCES
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2071005 A MWF 2:10-3:00

INTL FIELD TRIP SEM BIOL 394A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: TWO COURSES IN THE BIOLOGICAL SCIENCES
 AND BY APPROVAL OF APPLICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3167015 HN ARRANGED
 HONDURAS MARINE BIOLOGY
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

COOPERATIVE EDUC BIOL 398 R CR.
 PREREQ: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR, JUNIOR CLASSIFICATION
 4546005 ARRANGED

DEVELOPMENTAL BIOL BIOL 433 3 CR.
 2607005 MWF 12:10-1:00
 SECTION INFO:
<http://www.public.iastte.edu/~devel-biol/hom>

DEVELOPMTL BIOL LAB BIOL 433L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 433
 MATERIALS FEE \$40.00
 8171005 1 T 12:10-3:00
 8171010 2 R 12:10-3:00

IND STD BIOL RESRCH BIOL 490R 1- 6 CR.
 PREREQ: 8 CR IN BIOL & PERMISSION OF INSTRUCTOR
 NO MORE THAN 9 CREDITS IN BIOL 490 MAY BE APPLIED
 TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE
 APPLIED TO THE MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY LAB TCHG BIOL 490U 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 8 CR IN BIOL & PERMISSION OF INSTRUCTOR
 NO MORE THAN 9 CREDITS IN BIOL 490 MAY BE APPLIED
 TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE
 APPLIED TO THE MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY INTERNSHIP BIOL 494 1- 3 CR.
 PREREQ: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSN
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR BIOL 495 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 2075015 CB ARRANGED BRUMMER E
 2075081 JH ARRANGED HILL J
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SPL TOP BIOMECHANCS B M E 590G 1- 5 CR.
 3495005 ARRANGED

RESEARCH B M E 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOMEDICAL SCIENCES

AN&PHYSL DOMES ANIM B M S 329 3 CR.
 PREREQ: BIOL 202, 202L
 6968005 MWF 11:00-11:50

PRIN MORPHOLOGY II B M S 331 4 CR.
 PREREQ: FIRST-YEAR CLASSIFICATION IN VET MED
 COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS
 6009005 TR 2:10-3:00
 TR 3:10-5:00
 F 1:10-3:00

BIOMEDICAL SCIEN II B M S 334 6 CR.
 PREREQ: FIRST-YEAR CLASSIFICATION IN VET MED
 1936005 1 MTR 8:00-8:50
 WF 10:00-10:50
 T 9:00-11:50
 1936010 2 MTR 8:00-8:50
 WF 10:00-10:50
 R 9:00-11:50

NEUROBIOLOGY B M S 337 3 CR.
 PREREQ: FIRST-YEAR CLASSIFICATION IN V MED
 COURSE RESTRICTED TO COLLEGE OF VET MED STUDENTS
 6833005 1 MW 9:00-9:50
 M 10:00-11:50
 6833010 2 MW 9:00-9:50
 M 2:10-4:00

CASE STUDY II B M S 346 1 CR.
 PREREQ: FIRST-YEAR CLASSIFICATION IN VET MED
 6458005 F 1:10-2:00

GENERAL PHARMACOLGY B M S 354 3 CR.
 PREREQ: 333, 334
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3518005 MWF 11:00-11:50

ANAT OF LAB ANIMALS B M S 415 2 CR.
 PREREQ: ONE YEAR COLLEGE BIOLOGY
 7320005 ARRANGED

INDEPENDENT STUDY B M S 490 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS B M S 490H 1- 5 CR.
 PREREQ: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES METHD PHARMACOL B M S 501 3 CR.
 PREREQ: GRAD CLASSIF, PHARMACOLOGY STAFF PERMISSN
 6978005 ARRANGED

BIOMEDICAL SCIENCES

BIOMEDICAL SCIENCES

ANAT OF LAB ANIMALS B M S 515 2 CR.
 PREREQ: ONE YEAR COLLEGE BIOLOGY
 6846005 ARRANGED

PRIN MORPHOLOGY II B M S 531 4 CR.
 PREREQ: 530
 COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 6678005 TR 2:10-3:00
 TR 3:10-5:00
 F 1:10-3:00

NEUROBIOLOGY B M S 537 3 CR.
 PREREQ: 10 CR IN BIOL SCIENCE & INSTR PERMISSION
 COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 6847005 1 MW 9:00-9:50
 M 10:00-11:50
 6847010 2 MW 9:00-9:50
 M 2:10-4:00

INTRO DNA TECHNIQS B M S 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7133005 TR 1:10-2:00
 TR 2:10-4:00
 JAN 11-FEB 10

INTR PROTEIN TECHNQ B M S 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7134005 TR 1:10-2:00
 TR 2:10-4:00
 FEB 15-MARCH 24

INTRO CELL TECHNIQS B M S 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7135005 TR 1:10-2:00
 TR 2:10-4:00
 MARCH 29-APRIL 28

INTR PLNT TRNSFM TQ B M S 542D 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7137005 ARRANGED
 FEB 9-APRIL 20

ADV VERTEB PHYSL II B M S 552 3 CR.
 PREREQ: ZOO 355; CR OR ENRLMT IN BBMB 420 OR 404
 6983005 1 MWF 2:10-3:00

GENERAL PHARMACOLGY B M S 554 3 CR.
 PREREQ: 549 AND 552; BBMB 404, 405
 3531005 MWF 11:00-11:50

PHS&PHR AUTONM NERV B M S 565 2 CR.
 PREREQ: 549, 552 OR PERMISSION OF INSTRUCTOR
 6985005 ARRANGED

SPCL TOPICS ANATOMY B M S 590A 1- 7 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PHYSIOLOGY B M S 590B 1- 7 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC PHARMACOL B M S 590C 1- 7 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT B M S 599 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH REVIEW B M S 688 1 CR.
 8961005 ARRANGED

ADV TOPICS ANATOMY B M S 690A 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPC PHYSIOLOGY B M S 690B 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC PHARMACOL B M S 690C 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR B M S 698A R CR.
 5776005 W 4:10-5:00

SEMINAR B M S 698B 1 CR.
 SATISFACTORY-FAIL ONLY.
 6995005 W 4:10-5:00

RESEARCH ANATOMY B M S 699A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PHYSIOLOGY B M S 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH PHARMACOLOGY B M S 699C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIORENEWABLE RESOURCES & TECHNOLOGY

FUND BIORENEW RESOU BRT 501 3 CR.
 PREREQ: UG TRAINING IN AN ENGR OR PHYSICAL OR
 BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
 6534005 A MWF 2:10-3:00 BROWN R

BIOBASE PROD SEMINR BRT 506A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: UG TRAINING IN AN ENGR OR PHYSICAL OR
 BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
 6476005 ARRANGED BROWN R

BIOBASE PROD SEMINR BRT 506B R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: UG TRAINING IN AN ENGR OR PHYSICAL OR
 BIOLOGICAL DISCIPLINE OR A DEGREE IN AG OR ECONOMICS
 6505005 ARRANGED BROWN R

BOTANY

BOTANY

BIOLOGICAL EVOLUTN BOT 303 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN BIOL/GEN 301
 1898005 1 MWF 12:10-1:00

PLANTS & PEOPLE BOT 304 3 CR.
 PREREQ: BIOL 201
 2082005 MWF 1:10-2:00

PLANT TAXONOMY BOT 306 4 CR.
 PREREQ: BIOL 201
 2084010 1 TR 11:00-11:50
 MW 8:00-9:50
 2084015 2 TR 11:00-11:50
 MW 10:00-11:50
 2084020 3 TR 11:00-11:50
 MW 12:10-2:00
 2084025 4 TR 11:00-11:50
 MW 2:10-4:00
 2084030 5 TR 11:00-11:50
 MW 4:10-6:00PM

PLANT PHYSIOLOGY BOT 320 3 CR.
 PREREQ: BIOL 301 OR GEN 320; BIOL 302 OR
 BBMB 301; CHEM 231 OR 332; PHYS 106 OR 111
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2087010 1 MWF 9:00-9:50

PLANT PHYSIOLOGY LAB BOT 321A 1 CR.
 PREREQ: BIOL 202L, CREDIT OR ENROLLMNT IN BOT 320
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4516005 1 T 2:10-5:00

PLANT PHYSIOLOGY LAB BOT 321B 2 CR.
 PREREQ: BIOL 202L, CREDIT OR ENROLLMNT IN BOT 320
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4517005 T 2:10-5:00, ARRANGED

BIODIVERSITY BOT 340 2 CR.
 PREREQ: ONE COURSE IN LIFE SCIENCES
 COURSE NOT INTENDED FOR MAJOR CREDIT IN THE
 BIOLOGICAL SCIENCES
 3892005 TR 9:00-10:50
 MARCH 7-MAY 6

ENVIRONM BIOGEOCHEM BOT 403 4 CR.
 PREREQ: ENSCI 330 AND 402 OR 402I
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5591005 MWF 1:10-2:00
 W 2:10-4:00

ID AQUATIC ORGANSMS BOT 411 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 410L
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4644005 1 ARRANGED

PLANT ECOLOGY BOT 484 3 CR.
 PREREQ: BIOL 312
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2099005 TR 9:30-10:50

IND STD PLT PHYSIOL BOT 490A 1- 3 CR.
 PREREQ: 7 CR IN BOTANY, PERMISSN OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF BOT 490 MAY BE APPLIED
 TOWARD A DEGREE IN BOTANY
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY MORPHOLOGY BOT 490B 1- 3 CR.
 PREREQ: 7 CR IN BOTANY, PERMISSN OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF BOT 490 MAY BE APPLIED
 TOWARD A DEGREE IN BOTANY
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY MYCOLOGY BOT 490D 1- 3 CR.
 PREREQ: 7 CR IN BOTANY, PERMISSN OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF BOT 490 MAY BE APPLIED
 TOWARD A DEGREE IN BOTANY
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY SYST &EVOL BOT 490E 1- 3 CR.
 PREREQ: 7 CR IN BOTANY, PERMISSN OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF BOT 490 MAY BE APPLIED
 TOWARD A DEGREE IN BOTANY
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY PLANT ECOL BOT 490F 1- 3 CR.
 PREREQ: 7 CR IN BOTANY, PERMISSN OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF BOT 490 MAY BE APPLIED
 TOWARD A DEGREE IN BOTANY
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS BOT 490H 1- 3 CR.
 PREREQ: 7 CR IN BOTANY, PERMISSION OF INSTRUCTOR
 MEMBERSHIP IN UNIV HONORS PROGRAM
 NO MORE THAN 9 CREDITS OF BOT 490 MAY BE APPLIED
 TOWARD A DEGREE IN BOTANY
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY CYTOLOGY BOT 490J 1- 3 CR.
 PREREQ: 7 CR IN BOTANY, PERMISSN OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF BOT 490 MAY BE APPLIED
 TOWARD A DEGREE IN BOTANY
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY AQUA ECOL BOT 490K 1- 3 CR.
 PREREQ: 7 CR IN BOTANY, PERMISSN OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF BOT 490 MAY BE APPLIED
 TOWARD A DEGREE IN BOTANY
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

BOTANY

BOTANY

PLANT GROWTH&DEVELP BOT 512 2 CR.
 PREREQ: 320 OR A COURSE IN DEVELOPMENTAL BIOLOGY;
 545 OR BBMB 404, 405 OR GEN 520
 2114005 MW 10:00-10:50

ENVIR STRES PHYSIOL BOT 537 3 CR.
 PREREQ: BOT 320 OR EQUIVALENT
 2041005 TR 12:40-2:00 LASHBROOK C

INTRO DNA TECHNIQS BOT 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7105005 TR 1:10-2:00
 TR 2:10-4:00
 JAN 11-FEB 10

INTR PROTEIN TECHNQ BOT 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7109005 TR 1:10-2:00
 TR 2:10-4:00
 FEB 15-MARCH 24

INTRO CELL TECHNIQS BOT 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7119005 TR 1:10-2:00
 TR 2:10-4:00
 MARCH 29-APRIL 28

INTR PLNT TRNSFM TQ BOT 542D 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7120005 ARRANGED
 FEB 9-APRIL 20

EVOLUTNARY GENETICS BOT 562 3 CR.
 1241005 TR 9:30-10:50

WETLAND ECOLOGY BOT 564 3 CR.
 PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 2126005 TR 3:40-5:00

ADVANCD SYSTEMATICS BOT 568 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 7065005 ARRANGED

FUNCTIONAL ECOLOGY BOT 582 3 CR.
 PREREQ: BIOL 312
 2130005 ARRANGED

SPL TOP PHYSIOLOGY BOT 590A 1- 3 CR.
 PREREQ: 10 CR IN BOT, INSTRUCTOR PERMISSION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MORPHOLOGY BOT 590B 1- 3 CR.
 PREREQ: 10 CR IN BOT, INSTRUCTOR PERMISSION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS MYCOLOGY BOT 590D 1- 3 CR.
 PREREQ: 10 CR IN BOT, INSTRUCTOR PERMISSION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SYSTM&EVOL BOT 590E 1- 3 CR.
 PREREQ: 10 CR IN BOT, INSTRUCTOR PERMISSION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PLT ECOLOGY BOT 590F 1- 3 CR.
 PREREQ: 10 CR IN BOT, INSTRUCTOR PERMISSION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS CYTOLOGY BOT 590J 1- 3 CR.
 PREREQ: 10 CR IN BOT, INSTRUCTOR PERMISSION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP AQUATC ECOL BOT 590K 1- 3 CR.
 PREREQ: 10 CR IN BOT, INSTRUCTOR PERMISSION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT BOT 599 VAR. CR.
 2145005 ARRANGED

SEMINAR PLANT DEVEL BOT 612 1 CR.
 PREREQ: 512 (MAY BE TAKEN CONCURRENTLY)
 3514005 ARRANGED

GENERAL MYCOLOGY II BOT 642 4 CR.
 PREREQ: 641
 2148005 MW 9:00-9:50
 MW 12:10-3:00

TRANSMIS EL MICROSC BOT 681 5 CR.
 PREREQ: 679, PERMISSION OF INSTRUCTOR
 MATERIALS FEE \$100.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2153005 W 12:10-1:00
 F 8:00-8:50
 W 1:10-4:00
 F 9:00-9:50
 F 12:30-4:00

SEM PLT PHYSL,MOLEC BOT 696 1 CR.
 2159005 W 4:10-5:00

SEM SYSTEMATCS&EVOL BOT 698C 1 CR.
 2161005 ARRANGED

MCDB SEMINAR BOT 698E 1- 2 CR.
 2163005 M 3:10-5:00
 T 4:10-5:00

BUSINESS ADMINISTRATION

BOTANY

SEMINAR ECOLOGY BOT 698F 1 CR.
 2164005 ARRANGED

RES PHYSIOL&MOL BIO BOT 699A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MORPHOLOGY BOT 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES SYSTEMATCS&EVOL BOT 699E VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH PLNT ECOLOGY BOT 699F VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CYTOLOGY BOT 699J VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES AQUAT&WETLD ECO BOT 699K VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC BUSAD 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT
 COURSE NOT OPEN TO GRADUATE STUDENTS
 PERMISSION OF KATHY WIELAND REQUIRED TO ADD. PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL.
 6147005 A ARRANGED
 COLLEGE PERMISSION REQUIRED TO ADD
 DURING
 1ST WEEK; GO TO 1200 GERDIN

EXP DOMESTC INTERNS BUSAD 491A 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PROFESSIONAL PROGRAM, 12 CREDITS FROM
 COLLEGE OF BUSINESS. WRITTEN APPROVAL OF SUPERVISING
 INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 PRIOR TO THE LEARNING EXPERIENCE.
 FOR JUNIORS AND ABOVE IN THE COLLEGE OF BUSINESS.
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6722005 RC ARRANGED
 6722010 RP ARRANGED
 6722015 TC ARRANGED

BUSINESS ADMINISTRATION

ORIENTATION BUSAD 101 .5 CR.
 SATISFACTORY-FAIL ONLY.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6144005 1 R 11:00-11:50
 6144010 2 T 2:10-3:00
 6144015 3 S 8:30-12:30
 SECT 3:FEB 26-MARCH 5
 SECT 3 RESTRICTED TO JUNIORS AND SENIORS
 ONLY.
 SEC 3 MEETS FEB 26 AND MARCH 5.
 6144020 4 W 1:10-2:00

ECON&BUS DECSN TOOL BUSAD 533 3 CR.
 PREREQ: ECON 501 OR 532; NOT FOR PH.D. STUDENTS
 IN THE ECONOMICS PROGRAM
 7820005 1 M 6:00-9:00PM HERRIGES J

PRO EXPERIENTL LRNG BUSAD 591 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE STANDING; WRITTEN APPROVAL OF
 SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON
 REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE
 7533010 MP ARRANGED
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

EXP DOMESTIC INTERN BUSAD 291A 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: WRITTEN APPROVAL OF SUPERVISING
 INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 PRIOR TO THE LEARNING EXPERIENCE
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6723005 RC ARRANGED
 6723010 RP ARRANGED
 6723015 TC ARRANGED

COOPERATIVE EDUCATN BUSAD 598 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7906005 ARRANGED

PRO EMPLOYMENT PREP BUSAD 301 1 CR.
 SATISFACTORY-FAIL ONLY.
 COURSE RESTRICTED TO COLLEGE OF BUSINESS
 STUDENTS ONLY. NOT OPEN TO GRADUATE STUDENTS
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5618005 A W 3:10-5:00
 SECT A:JAN 10-MARCH 4

CREATIV COMP ACCNTG BUSAD 599A 3 CR.
 PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIV COMP FINANC BUSAD 599C 3 CR.
 PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATV COMP MANAGMT BUSAD 599E 3 CR.
 PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

BUSINESS ANALYS LAB BUSAD 392 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4721005 ARRANGED

CREATV COMP MARKTNG BUSAD 599F 3 CR.
 PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGINEERING

BUSINESS ADMINISTRATION

CRTV CMP TRANSP&LG BUSAD 599H 3 CR.
 PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP MGT INF SY BUSAD 599K 3 CR.
 PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP OPER MGT BUSAD 599L 3 CR.
 PREREQ: GRAD CLASSIF, PERMSN OF SUPERV COMM CHAIR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH BUSAD 699 3- 6 CR.
 PREREQ: GRAD CLASSIF, PERMISSION OF MAJOR PROF
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CHEMICAL ENGINEERING

SEMINAR CH E 202 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SOPHOMORE CLASSIFICATION IN CH E
 7982005 A R 2:10-3:00

MATL & ENERGY BALNC CH E 210 3 CR.
 PREREQ: CHEM 178, MATH 166
 2429005 A MWF 3:10-4:00

COOPERATIVE EDUC CH E 298 R CR.
 PREREQ: PERMISSION OF DEPT CHAIR
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 2431005 A ARRANGED

SEMINAR CH E 302 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JUNIOR CLASSIFICATION IN CHEM E
 2432005 A R 3:10-4:00

CHEMICAL ENGR LAB I CH E 325 2 CR.
 PREREQ: 357, CREDIT OR ENROLLMENT IN 381
 MATERIALS FEE \$65.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5699005 A TR 10:00-11:50
 5699010 B TR 12:10-2:00

TRANSPRT PHENOMEN I CH E 356 3 CR.
 PREREQ: 210, PHYS 221, CR OR ENR IN MATH 267
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2435005 A MWF 11:00-11:50
 2435010 B MWF 11:00-11:50

TRANSPRT PHENOMN II CH E 357 3 CR.
 PREREQ: 356
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2436005 A MWF 2:10-3:00

SEPARATIONS CH E 358 4 CR.
 PREREQ: 357
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2437005 A MTWF 3:10-4:00

CH E THERMODYNAMICS CH E 381 3 CR.
 PREREQ: MATH 267, PHYS 222, CHEM 321
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2438005 A MWF 1:10-2:00

CHEMICAL REACTN ENGR CH E 382 3 CR.
 PREREQ: 381, CREDIT OR ENROLLMENT IN 357
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2439005 A MWF 9:00-9:50

F STDY ORIEN AT ISU CH E 391A 1 CR.
 SATISFACTORY-FAIL ONLY.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7173005 EN T 4:10-5:00
 SECTION EN- LONDON PROGRAM
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7173010 SP T 4:10-5:00
 SECTION SP-OVIEDO PROGRAM
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ENGINEER INTERNSHIP CH E 397 R CR.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 8691005 A ARRANGED

COOPERATIVE EDUC CH E 398 R CR.
 PREREQ: 298, PERMISSION OF DEPARTMENT CHAIR
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 2443005 A ARRANGED

BIOCHEMICAL ENGINEER CH E 415 3 CR.
 PREREQ: 357, 382 RECOMMENDED, CHEM 331
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2446005 A MWF 11:00-11:50

PROCESS CONTROL CH E 421 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 358, MATH 267
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2447005 A TR 12:40-2:00

CHEMICAL ENGR LAB II CH E 426 2 CR.
 PREREQ: 325, 358, 382
 RESTRICTED TO CH E SENIORS GRADUATING SPRING 2005
 MATERIALS FEE \$70.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2448005 A T 2:10-6:00PM
 2448010 B R 2:10-6:00PM

CHEMISTRY

CHEMICAL ENGINEERING

PROCES&PLANT DESIGN CH E 430 4 CR.
 PREREQ: 358,382
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2449005 A TR 9:00-9:50
 TR 10:00-11:50

POLYMERS &POLY ENGR CH E 443 3 CR.
 PREREQ: 382 AND CHEM 331 OR MAT E 351
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2451005 A MWF 10:00-10:50

INDEPENDENT STUDY CH E 490 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS CH E 490H 1- 6 CR.
 PREREQ: MEMBERSHIP IN THE HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CH E 498 R CR.
 PREREQ: 398, PERMISSION OF DEPARTMENT CHAIR
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 2457005 A ARRANGED

UNDERGRAD RESEARCH CH E 499 3 CR.
 PREREQ: PERMISSION OF DEPARTMENT
 NO MORE THAN 6 CREDITS OF CH E 499 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

BIOMED APP CHEM ENG CH E 540 3 CR.
 PREREQ: 210, MATH 266, PHYS 222
 2462005 A MWF 10:00-10:50

TRANSPORT PHENOM II CH E 553 3 CR.
 PREREQ: 552
 2465005 A MWF 9:00-9:50

ADV THERMODYNAMICS CH E 583 3 CR.
 PREREQ: 381
 2467005 A TR 12:40-2:00

SPECIAL TOPICS CH E 590 2- 6 CR.
 2470005 A ARRANGED

CREATIVE COMPONENT CH E 599 VAR. CR.
 2478005 A ARRANGED

SEMINAR CH E 601 R CR.
 SATISFACTORY-FAIL ONLY.
 2479005 A R 11:00-11:50

MULTIPHASE FLOW CH E 632 3 CR.
 2678005 A ARRANGED

ADVANCED TOPICS CH E 690 VAR. CR.
 2485005 A ARRANGED

RESEARCH CH E 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GENERAL CHEMISTRY I CHEM 163 4 CR.

PREREQ: 1 YR H.S. ALGEBRA AND GEOMETRY AND EITHER
 CHEM 50X OR 155 OR 1 YR H.S. CHEMISTRY; AND CREDIT
 OR ENROLLMENT IN 163L

MUST BE ACCOMPANIED BY CHEM 163L UNLESS STUDENT
 ALREADY HAS CREDIT IN 163L. CREDIT FOR ONLY ONE OF
 CHEM 155,163,167,& 177 (AND LABS) MAY BE APPLIED
 TOWARD GRADUATION. ONLY ONE OF CHEM 163,165,167 &
 177 (AND LABS) MAY BE APPLIED TOWARD GRADUATION. TESTOUT
 NOT AVAILABLE TO STUDENTSALSO REGISTERED.

DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

2489015 1 TR 10:00-10:50 BURNETT J
 MW 9:00-9:50

SECTION INFO: <http://avogadro.chem.iastate.edu/chem163/syllabus>:

<http://avogadro.chem.iastate.edu/chem163/syllabus>

2489020 2 TR 10:00-10:50 BURNETT J
 MW 9:00-9:50

SECTION INFO: <http://avogadro.chem.iastate.edu/chem163/syllabus>:

<http://avogadro.chem.iastate.edu/chem163/syllabus>

2489025 3 TR 10:00-10:50 BURNETT J
 MW 10:00-10:50

SECTION INFO: <http://avogadro.chem.iastate.edu/chem163/syllabus>:

<http://avogadro.chem.iastate.edu/chem163/syllabus>

2489030 4 TR 10:00-10:50 BURNETT J
 MW 10:00-10:50

SECTION INFO: <http://avogadro.chem.iastate.edu/chem163/syllabus>:

<http://avogadro.chem.iastate.edu/chem163/syllabus>

2489035 5 TR 10:00-10:50 BURNETT J
 MW 11:00-11:50

SECTION INFO: <http://avogadro.chem.iastate.edu/chem163/syllabus>:

<http://avogadro.chem.iastate.edu/chem163/syllabus>

2489040 6 TR 10:00-10:50 BURNETT J
 MW 11:00-11:50

SECTION INFO: <http://avogadro.chem.iastate.edu/chem163/syllabus>:

<http://avogadro.chem.iastate.edu/chem163/syllabus>

2489045 7 TR 10:00-10:50 BURNETT J
 MW 12:10-1:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem163/syllabus>:

<http://avogadro.chem.iastate.edu/chem163/syllabus>

2489050 8 TR 10:00-10:50 BURNETT J
 MW 1:10-2:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem163/syllabus>:

<http://avogadro.chem.iastate.edu/chem163/syllabus>

2489055 9 TR 10:00-10:50 BURNETT J
 MW 1:10-2:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem163/syllabus>:

<http://avogadro.chem.iastate.edu/chem163/syllabus>

2489060 10 TR 10:00-10:50 BURNETT J
 MW 2:10-3:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem163/syllabus>:

<http://avogadro.chem.iastate.edu/chem163/syllabus>

2490005 1 M 12:10-3:00 BURNETT J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem1631/syllabus.html>

GENERAL CHEM LAB I CHEM 163L 1 CR.

PREREQ: CREDIT OR ENROLLMENT IN 163
 MUST BE ACCOMPANIED BY CHEM 163 UNLESS STUDENT
 ALREADY HAS CREDIT IN 163. CREDIT FOR ONLY ONE OF
 CHEM 163L, 167L, AND 177L MAY BE APPLIED TOWARD
 GRADUATION.

MATERIALS FEE \$27.00
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

2490005 1 M 12:10-3:00 BURNETT J

SECTION INFO: <http://avogadro.chem.iastate.edu/chem1631/syllabus.html>

CHEMISTRY

GENERAL CHEM LAB I CHEM 163L 1 CR.
 2490010 2 M 3:10-6:00PM BURNETT J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem163l/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem163l/syllabus.html>
 2490015 3 T 12:10-3:00 BURNETT J
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem1631/SYLLABUS>: <http://avogadro.chem.iastate.edu/chem1631/syllabus.html>
 2490020 4 T 12:10-3:00 BURNETT J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem1631/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem1631/syllabus.html>
 2490025 5 T 3:10-6:00PM BURNETT J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem1631/SYLLABUS>: <http://avogadro.chem.iastate.edu/chem1631/syllabus.html>
 2490030 6 T 3:10-6:00PM BURNETT J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem1631/SYLLABUS>: <http://avogadro.chem.iastate.edu/chem1631/syllabus.html>
 2490035 7 W 9:00-11:50 BURNETT J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem1631/SYLLABUS>: <http://avogadro.chem.iastate.edu/chem1631/syllabus.html>
 2490040 8 W 12:10-3:00 BURNETT J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem1631/SYLLABUS>: <http://avogadro.chem.iastate.edu/chem1631/syllabus.html>
 2490045 9 W 3:10-6:00PM BURNETT J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem1631/SYLLABUS>: <http://avogadro.chem.iastate.edu/chem1631/syllabus.html>
 2490050 10 W 3:10-6:00PM BURNETT J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem1631/SYLLABUS>: <http://avogadro.chem.iastate.edu/chem1631/syllabus.html>
 2490055 11 R 12:10-3:00 BURNETT J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem1631/SYLLABUS>: <http://avogadro.chem.iastate.edu/chem1631/syllabus.html>
 2490060 12 R 3:10-6:00PM BURNETT J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem1631/SYLLABUS>: <http://avogadro.chem.iastate.edu/chem1631/syllabus.html>

GENERAL CHEMISTR II CHEM 164 3 CR.
 PREREQ: 163 AND 163L
 TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED
 CREDIT FOR EITHER CHEM 164 OR CHEM 178 (AND LABS),
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 2491010 1 MW 2:10-3:00 VERKADE J
 T 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem164/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem164/syllabu>
 2491015 2 MW 2:10-3:00 VERKADE J
 T 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem164/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem164/syllabu>
 2491020 3 MW 2:10-3:00 VERKADE J
 T 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem164/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem164/syllabu>
 2491025 4 MW 2:10-3:00 VERKADE J
 T 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem164/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem164/syllabu>

CHEMISTRY

GENERAL CHEMISTR II CHEM 164 3 CR.
 2491030 5 MW 2:10-3:00 VERKADE J
 T 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem164/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem164/syllabu>
 2491035 6 MW 2:10-3:00 VERKADE J
 T 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem164/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem164/syllabu>
 2491040 7 MW 2:10-3:00
 T 2:10-3:00
 SECTION INFO:<http://avogadro.chem.iastate.edu/chem164/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem164/syllabu>
 2491045 8 MW 2:10-3:00
 T 2:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem164/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem164/syllabu>

GENERAL CHEM LAB II CHEM 164L 1 CR.
 PREREQ: 163L AND CREDIT OR ENROLLMENT IN 164
 CREDIT FOR EITHER CHEM 164L OR CHEM 178L, BUT
 NOT BOTH, MAY COUNT TOWARD GRADUATION
 MATERIALS FEE \$27.00
 2492005 1 W 9:00-11:50 VERKADE J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem1641/SYLLABUS>: <http://avogadro.chem.iastate.edu/chem1641/syllabus.html>
 2492010 2 W 3:10-6:00PM VERKADE J
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem1641/SYLLABUS>: <http://avogadro.chem.iastate.edu/chem1641/syllabus.html>
 2492015 3 R 9:00-11:50 VERKADE J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem1641/SYLLABUS>: <http://avogadro.chem.iastate.edu/chem1641/syllabus.html>
 2492020 4 R 12:10-3:00 VERKADE J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem1641/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem1641/syllabus.html>
 2492025 5 R 3:10-6:00PM VERKADE J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem1641/SYLLABUS>: <http://avogadro.chem.iastate.edu/chem1641/syllabus.html>

FOUND FOR ENGINR II CHEM 165 4 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 155
 RESTRICTED TO ENGR. COLLEGE MAJORS ONLY.
 CREDIT FOR ONLY ONE OF CHEM 163, 165, 167 AND 177
 AND LABS) MAY BE APPLIED TOWARD GRADUATION
 4048005 1 TR 9:00-9:50 SCHMIDT-ROHR K
 MW 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem165/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem165/syllabu>
 4048010 2 TR 9:00-9:50 SCHMIDT-ROHR K
 MW 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem165/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem165/syllabu>
 4048015 3 TR 9:00-9:50 SCHMIDT-ROHR K
 MW 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem165/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem165/syllabu>
 4048020 4 TR 9:00-9:50 SCHMIDT-ROHR K
 MW 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem165/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem165/syllabu>

CHEMISTRY

FOUND FOR ENGR II CHEM 165 4 CR.
 4048025 5 TR 9:00-9:50 SCHMIDT-ROHR K
 MW 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem165/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem165/syllabu>
 4048030 6 TR 9:00-9:50 SCHMIDT-ROHR K
 MW 2:10-3:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem165/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem165/syllabu>
 4048035 7 TR 11:00-11:50 DUTCA L
 MW 9:00-9:50
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem165/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem165/syllabu>
 4048040 8 TR 11:00-11:50 DUTCA L
 MW 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem165/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem165/syllabu>
 4048045 9 TR 11:00-11:50 DUTCA L
 MW 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem165/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem165/syllabu>
 4048050 10 TR 11:00-11:50 DUTCA L
 MW 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem165/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem165/syllabu>
 4048055 11 TR 11:00-11:50 DUTCA L
 MW 2:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem165/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem165/syllabu>
 4048060 12 TR 11:00-11:50 DUTCA L
 MW 3:10-4:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem165/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem165/syllabu>

ENGNRS GENERAL CHEM CHEM 167 4 CR.
 PREREQ: MATH 140 OR THE HIGH SCHOOL EQUIV AND ONE YEAR OF TRADITIONAL COLLEGE PREP CHEM OR CHEM 105
 RESTRICTED TO ENGR COLLEGE MAJORS ONLY. CREDIT FOR ONLY ONE OF CHEM 163,165,167,177 (AND LABS) MAY BE APPLIED TOWARD GRADUATION. ONLY ONE OF CHEM 155,163,167,177 (AND ACCOMPANYING LABS) MAY BE APPLIED TOWARD GRADUATION. TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED.
 2493015 1 MW 11:00-11:50 RUSSELL M
 TR 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem167/syllabu>
 2493020 2 MW 11:00-11:50 RUSSELL M
 TR 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem167/syllabu>
 2493025 3 MW 11:00-11:50 RUSSELL M
 TR 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem167/syllabu>
 2493030 4 MW 11:00-11:50 RUSSELL M
 TR 2:10-3:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem167/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem167/syllabu>

CHEMISTRY

ENGR GEN CHEM LAB CHEM 167L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 167 OR 165
 RESTRICTED TO ENGR COLLEGE MAJORS ONLY.
 CREDIT FOR ONLY ONE OF CHEM 163L,167L,177L MAY BE APPLIED TOWARD GRADUATION.
 MATERIALS FEE \$27.00
 2494005 1 M 9:00-11:50 RUSSELL M
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494010 2 M 12:10-3:00 RUSSELL M
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494015 3 M 3:10-6:00PM RUSSELL M
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494020 4 T 12:10-3:00 RUSSELL M
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494025 5 T 3:10-6:00PM RUSSELL M
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494030 6 W 9:00-11:50 RUSSELL M
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494035 7 W 12:10-3:00 RUSSELL M
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494040 8 W 3:10-6:00PM RUSSELL M
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem167l/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494045 9 R 12:10-3:00 RUSSELL M
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem167l/syllabus.html>
 2494050 10 R 3:10-6:00PM RUSSELL M
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem167l/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem167l/syllabus.html>

GENERAL CHEMISTRY CHEM 177 4 CR.
 PREREQ: MATH 140 OR H.S. EQUIVALENT AND CHEM 50X OR 155 OR 1 YR H.S. CHEM AND CR OR ENROLLMENT IN 177L
 CHEM 177 MUST BE ACCOMPANIED BY CHEM 177L UNLESS STUDENT ALREADY HAS CREDIT IN 177L. CREDIT FOR ONLY ONE OF CHEM 163,165,167,177 (AND LABS) MAY BE APPLIED TOWARD GRADUATION. ONLY ONE OF CHEM 155,163,167,177 (AND LABS) MAY BE APPLIED TOWARD GRADUATION. TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED. DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 2495010 1 MWF 12:10-1:00 GREENBOWE T
 R 8:00-8:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem177/syllabu>
 2495015 2 MWF 12:10-1:00 GREENBOWE T
 R 8:00-8:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177/SYLLABUS>:
<http://avogadro.chem.iastate.edu/chem177/syllabu>

CHEMISTRY

CHEMISTRY

GENERAL CHEMISTRY CHEM 177 4 CR.
 2495020 3 MWF 12:10-1:00 GREENBOWE T
 R 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495025 4 MWF 12:10-1:00 GREENBOWE T
 R 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495030 5 MWF 12:10-1:00 GREENBOWE T
 R 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495035 6 MWF 12:10-1:00 GREENBOWE T
 R 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495040 7 MWF 12:10-1:00 GREENBOWE T
 R 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495045 8 MWF 12:10-1:00 GREENBOWE T
 R 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495050 9 MWF 12:10-1:00 GREENBOWE T
 R 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495055 10 MWF 12:10-1:00 GREENBOWE T
 R 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

2495060 11 MWF 12:10-1:00 GREENBOWE T
 R 2:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177/syllabus.html>

GENERAL CHEM LAB CHEM 177L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 177
 CHEM 177L MUST BE ACCOMPANIED BY CHEM 177 UNLESS STUDENT ALREADY HAS CREDIT IN 177. CREDIT FOR ONLY ONE OF 163L,167L,177L MAY COUNT TOWARD GRADUATION. MATERIALS FEE \$27.00
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

2496005 1 M 9:00-11:50 GREENBOWE T
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496010 2 M 3:10-6:00PM GREENBOWE T
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496015 3 T 9:00-11:50 GREENBOWE T
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

GENERAL CHEM LAB CHEM 177L 1 CR.
 2496020 4 T 9:00-11:50 GREENBOWE T
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496025 5 T 12:10-3:00 GREENBOWE T
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496030 6 T 12:10-3:00 GREENBOWE T
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496035 7 T 3:10-6:00PM GREENBOWE T
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496040 8 W 9:00-11:50 GREENBOWE T
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496045 9 W 3:10-6:00PM GREENBOWE T
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496050 10 R 9:00-11:50 GREENBOWE T
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

2496055 11 R 12:10-3:00 GREENBOWE T
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem177l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem177l/syllabus.html>

GENERAL CHEMISTRY CHEM 178 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 177, 177L
 TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED CREDIT FOR EITHER CHEM 164 OR CHEM 178 (AND LABS), BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

2499010 1 MW 1:10-2:00 LIN S
 F 8:00-8:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>

2499015 2 MW 1:10-2:00 LIN S
 F 8:00-8:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>

2499020 3 MW 1:10-2:00 LIN S
 F 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>

2499025 4 MW 1:10-2:00 LIN S
 F 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>

2499030 5 MW 1:10-2:00 LIN S
 F 10:00-10:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>

2499035 6 MW 1:10-2:00 LIN S
 F 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem178/syllabus.html>

2499040 7 MW 1:10-2:00 LIN S
 F 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>

CHEMISTRY

CHEMISTRY

GENERAL CHEMISTRY CHEM 178 3 CR.

SYLLABUS:

<http://avogadro.chem.iastate.edu/chem178/syllabu>

2499045 8 MW 1:10-2:00 LIN S

F 12:10-1:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>

SYLLABUS:<http://avogadro.chem.iastate.edu/chem178/syllabu>

2499050 9 MW 1:10-2:00 LIN S

F 12:10-1:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>

SYLLABUS:<http://avogadro.chem.iastate.edu/chem178/syllabu>

2499055 10 MW 1:10-2:00 LIN S

F 1:10-2:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>

SYLLABUS:<http://avogadro.chem.iastate.edu/chem178/syllabu>

2499060 11 MW 1:10-2:00

F 2:10-3:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>

SYLLABUS:<http://avogadro.chem.iastate.edu/chem178/syllabu>

2499065 12 MW 3:10-4:00 LIN S

F 9:00-9:50

SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>

SYLLABUS:<http://avogadro.chem.iastate.edu/chem178/syllabu>

2499070 13 MW 3:10-4:00 LIN S

F 10:00-10:50

SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>

SYLLABUS:<http://avogadro.chem.iastate.edu/chem178/syllabu>

2499075 14 MW 3:10-4:00 LIN S

F 10:00-10:50

SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>

SYLLABUS:<http://avogadro.chem.iastate.edu/chem178/syllabu>

2499080 15 MW 3:10-4:00 LIN S

F 11:00-11:50

SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>

SYLLABUS:

<http://avogadro.chem.iastate.edu/chem178/syllabu>

2499085 16 MW 3:10-4:00 LIN S

F 12:10-1:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>

SYLLABUS:<http://avogadro.chem.iastate.edu/chem178/syllabu>

2499090 17 MW 3:10-4:00 LIN S

F 12:10-1:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>

SYLLABUS:<http://avogadro.chem.iastate.edu/chem178/syllabu>

2499095 18 MW 3:10-4:00 LIN S

F 1:10-2:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>

SYLLABUS:<http://avogadro.chem.iastate.edu/chem178/syllabu>

2499100 19 MW 3:10-4:00 LIN S

F 1:10-2:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>

SYLLABUS:<http://avogadro.chem.iastate.edu/chem178/syllabu>

2499105 20 MW 3:10-4:00 LIN S

F 2:10-3:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>

SYLLABUS:<http://avogadro.chem.iastate.edu/chem178/syllabu>

2499110 21 MW 3:10-4:00 LIN S

F 3:10-4:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem178/>

SYLLABUS:<http://avogadro.chem.iastate.edu/chem178/syllabu>

LAB GENERAL CHEMIST CHEM 178L 1 CR.

PREREQ: 177L AND CREDIT OR ENROLLMENT IN 178.

178L IS NOT A NECESSARY COREQUISITE WITH 178.

MUST BE ACCOMPANIED BY OR HAVE CREDIT IN 178.

CREDIT FOR EITHER CHEM 164L OR CHEM 178L, BUT

NOT BOTH, MAY BE APPLIED TOWARD GRADUATION

MATERIALS FEE \$27.00

2500005 1 M 9:00-11:50 LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500010 2 M 12:10-3:00 LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500015 3 M 3:10-6:00PM LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500020 4 T 9:00-11:50 LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500025 5 T 9:00-11:50 LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500030 6 T 12:10-3:00 LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500035 7 T 12:10-3:00 LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500040 8 T 3:10-6:00PM LIN S
SECTION 8 RESTRICTED TO HONORS STUDENTS

ONLY
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500045 9 W 9:00-11:50 LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500050 10 W 9:00-11:50 LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500055 11 W 12:10-3:00 LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>

2500060 12 W 12:10-3:00 LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>

2500065 13 W 3:10-6:00PM LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500070 14 R 9:00-11:50 LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500075 15 R 9:00-11:50 LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500080 16 R 12:10-3:00 LIN S
SECTION INFO:
<http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS:
<http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500085 17 R 12:10-3:00 LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

2500090 18 R 3:10-6:00PM LIN S
SECTION INFO: <http://avogadro.chem.iastate.edu/chem1781/>
SYLLABUS: <http://avogadro.chem.iastate.edu/chem1781/syllabus.html>

CHEMISTRY

CHEMISTRY

LAB GENERAL CHEMIST CHEM 178L 1 CR.
 /syllabus.html
 2500095 19 R 3:10-6:00PM LIN S
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem178l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem178l/syllabus.html>

GENERAL CHEMISTRY CHEM 178M 3 CR.
 PREREQ: CHEM OR BIOCHEM MAJOR; 177, 177L OR 177M, 177N
 COURSE RESTRICTED TO CHEM, BIOCH, BIOPH, AGBIO MAJORS ONLY
 2501005 1 MW 2:10-3:00 PETRICH J
 F 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem178m/>

QUANT&ENVIRO ANALYS CHEM 211 2 CR.
 PREREQ: 164 AND 164L OR CR OR ENROLLMENT IN 178; AND CONCURRENT ENROLLMENT IN 211L
 2503005 1 MW 8:00-8:50 BURNETT J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem211/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem211/syllabus.html>

QNT&ENVIR ANALY LAB CHEM 211L 2 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 164 AND 164L, OR 178; AND CONCURRENT ENROLLMENT IN CHEM 210 OR 211
 MATERIALS FEE \$32.00
 3678005 1 MW 12:10-3:00 BADMAN E
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem211l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem211l/syllabus.html>
 3678010 2 TR 9:00-11:50
 3678015 3 TR 12:10-3:00
 3678020 4 TR 3:10-6:00PM

ELEM ORGANIC CHEM CHEM 231 3 CR.
 PREREQ: 163,163L; CREDIT OR ENROLLMENT IN 231L
 CREDIT FOR EITHER CHEM 231 OR BBMB 221, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR EITHER CHEM 231 OR CHEM 331, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 2504005 MWF 11:00-11:50 VERKADE J
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem231/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem231/syllabus.html>

ELEM ORGNC CHEM LAB CHEM 231L 1 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: CREDIT OR ENROLLMENT IN 231
 MATERIALS FEE \$32.00
 7900005 1 M 12:10-1:00 VERKADE J
 M 1:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem231l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem231l/syllabus.html>
 7900010 2 T 9:00-9:50 VERKADE J
 T 10:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem231l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem231l/syllabus.html>
 7900015 3 T 12:10-1:00 VERKADE J
 T 1:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem231l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem231l/syllabus.html>

ELEM ORGNC CHEM LAB CHEM 231L 1 CR.
 7900020 4 T 3:10-4:00 VERKADE J
 T 4:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem231l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem231l/syllabus.html>

7900025 5 W 12:10-1:00 VERKADE J
 W 1:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem231l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem231l/syllabus.html>

7900030 6 R 9:00-9:50 VERKADE J
 R 10:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem231l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem231l/syllabus.html>

7900035 7 R 12:10-1:00 VERKADE J
 R 1:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem231l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem231l/syllabus.html>

7900040 8 R 3:10-4:00 VERKADE J
 R 4:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem231l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem231l/syllabus.html>

FRESH&SOPH RESEARCH CHEM 299 VAR. CR.
 PREREQ: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSES TO WORK
 ***** SEE DEPT FOR REFERENCE NUMBERS

INORGANIC CHEMISTRY CHEM 301 2 CR.
 PREREQ: 321
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2507005 MW 11:00-11:50 ANGELICI R

PHYSICAL CHEMISTRY I CHEM 321 3 CR.
 PREREQ: 178, MATH 166, PHYS 222 RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2510005 MWF 8:00-8:50 STAUFFER H
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem321/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem321/syllabus.html>

PHYS CHEM LAB ENGRS CHEM 321L 2 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: CREDIT OR ENROLLMENT IN 321
 THE WF 2 RECITATION MEETS THE FIRST FIVE WEEKS ONLY. CREDIT FOR EITHER CHEM 321L OR CHEM 322L, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 MATERIALS FEE \$37.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2511005 1 WF 2:10-3:00 BURNETT J
 TR 9:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem321l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem321l/syllabus.html>
 2511010 2 WF 2:10-3:00 BURNETT J
 TR 12:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem321l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem321l/syllabus.html>
 2511015 3 WF 2:10-3:00 BURNETT J
 TR 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem321l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem321l/syllabus.html>

CHEMISTRY

CHEMISTRY

PHYSCL CHEMISTRY II CHEM 322 3 CR.
 PREREQ: CHEM 321
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2512005 MWF 9:00-9:50 THIEL P
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem322/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem322/syllabu>

PHYSICAL CHEM LAB CHEM 322L 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: CREDIT OR ENROLLMENT FOR CREDIT IN 322
 THE WF 2 RECITATION MEETS THE FIRST FIVE WEEKS
 ONLY. CREDIT FOR EITHER CHEM 321L OR CHEM 322L, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 MATERIALS FEE \$37.00
 2515005 1 WF 2:10-3:00 BURNETT J
 TR 9:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem322/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem322/syllabu>
 2515010 2 WF 2:10-3:00 BURNETT J
 TR 12:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem322/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem322/syllabu>
 2515015 3 WF 2:10-3:00 BURNETT J
 TR 3:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem322/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem322/syllabu>

ORGANIC CHEMISTRY I CHEM 331 3 CR.
 PREREQ: 178, ENROLLMNT IN 331L HIGHLY RECOMMENDED
 CREDIT FOR EITHER CHEM 331 OR CHEM 231, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2516005 1 MWF 9:00-9:50 TRAHANOVSKY K
 M 2:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem331/syllabu>
 2516010 2 MWF 9:00-9:50 TRAHANOVSKY K
 M 4:10-5:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem331/syllabus.htm>
 2516015 3 MWF 9:00-9:50 TRAHANOVSKY K
 T 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem331/syllabu>
 2516020 4 MWF 9:00-9:50 TRAHANOVSKY K
 T 4:10-5:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem331/syllabu>

LAB IN ORGANIC CHEM CHEM 331L 1 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: CREDIT OR ENROLLMENT FOR CREDIT IN 331
 MATERIALS FEE \$37.00
 5270005 1 M 12:10-1:00 TRAHANOVSKY K
 M 1:10-3:00
 SECTION INFO:
<http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem331/syllabu>
 5270010 2 M 3:10-4:00 TRAHANOVSKY K
 M 4:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem331/syllabu>
 5270015 3 T 12:10-1:00 TRAHANOVSKY K
 T 1:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem331/syllabu>

LAB IN ORGANIC CHEM CHEM 331L 1 CR.
 5270020 4 T 3:10-4:00 TRAHANOVSKY K
 T 4:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem331/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem331/syllabu>

ORGANIC CHEMISTRY II CHEM 332 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 331, ENROLLMNT IN 332L HIGHLY RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2517005 1 MWF 10:00-10:50 POHL N
 R 11:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem332/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem332/syllabu>
 2517010 2 MWF 10:00-10:50 POHL N
 R 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem332/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem332/syllabu>
 2517015 3 MWF 10:00-10:50 POHL N
 M 3:10-4:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem332/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem332/syllabu>
 2517020 4 MWF 10:00-10:50 POHL N
 T 12:10-1:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem332/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem332/syllabu>
 2517025 5 MWF 10:00-10:50 POHL N
 T 1:10-2:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem332/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem332/syllabu>
 2517030 6 MWF 10:00-10:50 POHL N
 T 5:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem332/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem332/syllabu>
 2517035 7 TR 2:10-3:30 JENKS W
 M 8:00-8:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem332/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem332/syllabu>
 2517040 8 TR 2:10-3:30 JENKS W
 M 4:10-5:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem332/>
 SYLLABUS:
<http://avogadro.chem.iastate.edu/chem332/syllabu>
 2517045 9 TR 2:10-3:30 JENKS W
 T 4:10-5:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem332/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem332/syllabu>
 2517050 10 TR 2:10-3:30 JENKS W
 M 9:00-9:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem332/>
 SYLLABUS:<http://avogadro.chem.iastate.edu/chem332/syllabu>

LAB IN ORGANIC CHEM CHEM 332L 1 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 331L, CREDIT OR ENROLLMENT FOR CREDIT IN
 332
 MATERIALS FEE \$37.00
 5272005 1 T 9:00-9:50 POHL N
 T 10:00-11:50
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem332l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem332l/>
 5272010 2 W 12:10-1:00 POHL N
 W 1:10-3:00
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem332l/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem332l/>
 5272015 3 W 3:10-4:00 POHL N
 W 4:10-6:00PM
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem332l/>

CHEMISTRY

CHEMISTRY

LAB IN ORGANIC CHEM CHEM 332L 1 CR.

SYLLABUS: <http://avogadro.chem.iastate.edu/chem3321/5272020> 4 R 9:00-9:50 POHL N
R 10:00-11:50

SECTION INFO: <http://avogadro.chem.iastate.edu/chem3321/>

SYLLABUS: <http://avogadro.chem.iastate.edu/chem3321/5272025> 5 R 12:10-1:00 POHL N
R 1:10-3:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem3321/>

SYLLABUS: <http://avogadro.chem.iastate.edu/chem3321/5272030> 6 R 3:40-4:30 POHL N
R 4:40-6:30PM

SECTION INFO: <http://avogadro.chem.iastate.edu/chem3321/>

SYLLABUS: <http://avogadro.chem.iastate.edu/chem3321/>

LAB IN ORGANIC CHEM CHEM 334L 2 CR.

PREREQ: 333L, CR OR ENROLLMENT FOR CREDIT IN 332

COURSE RESTRICTED TO AGBIO, BIOPH, BIOCH, CHEM

MAJORS ONLY

MATERIALS FEE \$37.00

5645005 MW 3:10-4:00 TRAHANOVSKY W

MW 4:10-6:00PM

SECTION INFO: <http://avogadro.chem.iastate.edu/chem3341/>

SYLLABUS: <http://avogadro.chem.iastate.edu/chem3341/>

UNDERGRAD RESEARCH CHEM 399 VAR. CR.

PREREQ: PERMISSION OF INSTRUCTOR WITH WHOM

STUDENT PROPOSES TO WORK AND JR OR SR CLASSIFICATION

NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND

499 MAY BE APPLIED TOWARD GRADUATION

***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY CHEM 490 VAR. CR.

PREREQ: COMPLETION OF 6 CREDITS IN CHEM AT THE

300 LEVEL OR HIGHER AND INSTRUCTOR PERMISSION

NO MORE THAN 9 CREDITS OF CHEM 490 MAY BE

APPLIED TOWARD GRADUATION

2527005 ARRANGED

SENIOR RESEARCH CHEM 499 2- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR WITH WHOM

STUDENT PROPOSES TO WORK; B AVG IN ALL CHEMISTRY,

PHYSICS, AND MATHEMATICS COURSES

NO MORE THAN SIX TOTAL CREDITS OF CHEM 399 AND

CHEM 499 MAY BE APPLIED TOWARD GRADUATION

***** SEE DEPT FOR REFERENCE NUMBERS

BIOINORGANIC CHEM CHEM 503 2 CR.

PREREQ: 402 OR BBMB 405

2531005 TR 9:30-10:20 KOSTIC N

SECTION INFO: <http://avogadro.chem.iastate.edu/chem503/>

SYLLABUS: <http://avogadro.chem.iastate.edu/chem503/syllabu>

SYSTEMATIC INORGANC CHEM 506 3 CR.

PREREQ: 402 OR 500; 322

2533005 MWF 9:00-9:50 ESPENSON J

SECTION INFO:

<http://avogadro.chem.iastate.edu/chem505/>

SYLLABUS:

<http://avogadro.chem.iastate.edu/chem505/syllabu>

ADV QUANT ANALYSIS CHEM 511 3 CR.

PREREQ: 316 AND 316L

2536005 MWF 8:00-8:50 ARMSTRONG D

SECTION INFO: <http://avogadro.chem.iastate.edu/chem511/>

SYLLABUS: <http://avogadro.chem.iastate.edu/chem511/syllabu>

ANALYT SPECTROSCOPY CHEM 513 3 CR.

PREREQ: 316, 316L, 322, 322L

2538005 MWF 10:00-10:50 HOUK R

SECTION INFO:

<http://avogadro.chem.iastate.edu/chem513/>

SYLLABUS:

<http://avogadro.chem.iastate.edu/chem513/>

ORGANIC SYNTHESIS I CHEM 531 2 CR.

PREREQ: 332

9267005 TR 10:00-10:50 LAROCK R

SECTION INFO: <http://avogadro.chem.iastate.edu/chem531/>

SYLLABUS:

<http://avogadro.chem.iastate.edu/chem531/syllabu>

PHYS ORGANIC CHEM II CHEM 538 3 CR.

PREREQ: 537

2543005 MWF 11:00-11:50 ZHAO Y

SECTION INFO: <http://avogadro.chem.iastate.edu/chem538/>

SYLLABUS:

<http://avogadro.chem.iastate.edu/chem538/syllabu>

SAFETY IN CHEM LAB CHEM 550 1 CR.

SATISFACTORY-FAIL ONLY.

PREREQ: 332L

4295005 M 4:10-5:00 MILLER G

SECTION INFO: <http://avogadro.chem.iastate.edu/chem550/>

SYLLABUS: <http://avogadro.chem.iastate.edu/chem550/syllabu>

CHEMICAL PEDAGOGY CHEM 555 1 CR.

SATISFACTORY-FAIL ONLY.

PREREQ: 332

2546005 TR 12:40-1:30 GREENBOWE T

SECTION INFO:

<http://avogadro.chem.iastate.edu/chem555/>

SYLLABUS:

<http://avogadro.chem.iastate.edu/chem555/syllabu>

ATOMIC&MOLEC Q MECH CHEM 562 3 CR.

PREREQ: 561, CREDIT OR ENROLLMENT IN 583

2549005 M 12:10-2:00 GORDON M

W 1:10-2:00

SECTION INFO: <http://avogadro.chem.iastate.edu/chem562/>

SYLLABUS: <http://avogadro.chem.iastate.edu/chem562/syllabu>

STATISTCL MECHANICS CHEM 563 3 CR.

PREREQ: 322

2550005 MW 10:00-11:30 SONG X

SECTION INFO: <http://avogadro.chem.iastate.edu/chem563/>

SYLLABUS: <http://avogadro.chem.iastate.edu/chem563/syllabu>

SOLID-STATE CHEM CHEM 571 3 CR.

PREREQ: 301,322

2554005 MWF 2:10-3:00 MILLER G

SECTION INFO: <http://avogadro.chem.iastate.edu/chem571/>

SYLLABUS: <http://avogadro.chem.iastate.edu/chem571/>

MASS SPECTROMETRY CHEM 577 2 CR.

PREREQ: PERMISSION OF INSTRUCTOR

2560005 TR 9:00-9:50 BADMAN E

SECTION INFO: <http://avogadro.chem.iastate.edu/chem571/>

SYLLABUS: <http://avogadro.chem.iastate.edu/chem577/syllabu>

CURRENT TOPICS CHEM CHEM 589 R CR.

3778005 R 8:00-9:30PM THIEL P

SECTION INFO: <http://www.chem.iastate.edu/seminar.php>

SYLLABUS: <http://www.chem.iastate.edu/seminar.php>

CHINESE

CHEMISTRY

NONTHESIS RESEARCH CHEM 599 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR CONCERNED
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINR INORGNC CHEM CHEM 600 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2563005 W 4:10-5:30 WOO L
 SECTION INFO: <http://www.chem.iastate.edu/seminar.php>
 SYLLABUS: <http://www.chem.iastate.edu/seminar.php>

SEMNR ANALYTIC CHEM CHEM 611 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2565005 F 2:30-4:00 THIEL P
 SECTION INFO: <http://www.chem.iastate.edu/seminar.php>
 SYLLABUS: <http://www.chem.iastate.edu/seminar.php>

SEMINR ORGANIC CHEM CHEM 631 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2566005 F 1:10-2:30 TRAHANOVSKY W
 SECTION INFO: <http://www.chem.iastate.edu/seminar.php>
 SYLLABUS: <http://www.chem.iastate.edu/seminar.php>

SELECT TOP ORG CHEM CHEM 632 1 CR.
 PREREQ: 537
 2567005 T 4:30-5:30 TRAHANOVSKY W
 F 2:30-3:30
 JAN 10-MARCH 4
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem632/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem632/syllabu>

SEMNR PHYSICAL CHEM CHEM 660 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2568005 F 4:10-5:30 THIEL P
 SECTION INFO: <http://www.chem.iastate.edu/seminar.php>
 SYLLABUS: <http://www.chem.iastate.edu/seminar.php>

SPL TOP PHYSCL CHEM CHEM 667 1- 2 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2573005 R 2:10-3:00 HONG M
 SECTION INFO: <http://avogadro.chem.iastate.edu/chem667/>
 SYLLABUS: <http://avogadro.chem.iastate.edu/chem667/syllabu>

RESEARCH CHEM 699 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR CONCERNED
 ***** SEE DEPT FOR REFERENCE NUMBERS

CHINA TODAY CHIN 375 3 CR.
 PREREQ: ENGL 105 OR EQUIVALENT
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5347005 TR 9:30-10:50

INDEPENDENT STUDY CHIN 490 1- 6 CR.
 PREREQ: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF DEPARTMENT CHAIR REQUIRED,
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CIVIL ENGINEERING

CIVIL ENGR PROJECTS C E 104 1 CR.
 FIELD TRIPS & TRAVEL FEE \$10.00-\$50.00
 2275005 1 W 3:10-4:00

FUND OF SURVEYING I C E 111 3 CR.
 PREREQ: 103, 160; CREDIT OR ENROLLMENT IN
 ENGR 170 OR C E 170, MATH 165, CREDIT OR ENROLLMENT
 IN C E 104 FOR C E MAJORS
 7242005 1 MF 2:10-3:00
 T 8:00-10:50
 7242010 2 MF 2:10-3:00
 T 12:10-3:00
 7242015 3 MF 2:10-3:00
 W 12:10-3:00
 7242020 4 MF 2:10-3:00
 R 2:10-5:00

ENGR PROB CMPUT LAB C E 160 3 CR.
 PREREQ: MATH 141, 142 OR SATISFACTORY SCORES
 ON MATH PLACEMENT EXAMS; CR OR ENRLMT IN MATH 165
 2911005 1 MW 10:00-11:50
 2911010 2 TR 3:10-5:00

CIVIL ENGR GRAPHICS C E 170 2 CR.
 PREREQ: MATH 165, CREDIT OR ENROLLMENT IN C E 104
 3515005 1 TR 8:00-9:50
 3515010 2 TR 12:10-2:00

CIV ENG SYNTHESIS I C E 203 2 CR.
 PREREQ: 104, 160, ENGL 105, CHEM 167 OR 177
 2920005 1 MW 1:10-2:00

CIV ENG SYNTHESI II C E 204 2 CR.
 PREREQ: 111, 203, PHYS 221, E M 274
 2921005 1 TR 3:10-4:00

COOPERATIVE EDUC C E 298 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPT CHAIR
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 2283005 ARRANGED

PROFESNL ISSUES C E C E 303 2 CR.
 PREREQ: 204, SP CM 212
 3545005 1 TR 11:00-11:50

CHINESE

ELEM MANDRN CHIN II CHIN 102 5 CR.
 PREREQ: 101
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7374005 1 MTWRF 1:10-2:00
 7374010 2 MTWRF 10:00-10:50

INTM MAND CHINES II CHIN 202 5 CR.
 PREREQ: 201
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED.
 TOPIC-"MODERNITY, SUBJECTIVITY AND NATION IN MODERN
 CHINESE LITERATURE"
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7768005 1 MTWRF 3:10-4:00

CIVIL ENGINEERING

CIVIL ENGINEERING

PROJECT LIFE CYCLE C E 304 2 CR.

PREREQ: 303
FIELD TRIPS & TRAVEL FEE \$10.00-\$50.00
2922005 1 MW 4:10-5:00

PRIN ENVIRONMT ENGR C E 326 3 CR.

PREREQ: CHEM 167 OR 178, MATH 166, CREDIT OR ENROLLMENT IN E M 378
COURSE NOT OPEN TO FRESHMEN OR SOPHOMORES
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

2284005 1 MF 10:00-10:50
W 10:00-11:50
2284010 2 MF 10:00-10:50
W 2:10-4:00

STRUCTURAL ANALYS I C E 332 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
PREREQ: E M 324
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

2285005 1 MWF 1:10-2:00
W 2:10-3:00
2285010 2 MWF 1:10-2:00
F 2:10-3:00
2285015 3 MWF 8:00-8:50
W 9:00-9:50
2285020 4 MWF 8:00-8:50
F 9:00-9:50

STRUCT STEEL DSGN I C E 333 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 332, E M 327
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

2286005 1 MW 8:00-8:50
R 8:00-9:50
2286010 2 MW 8:00-8:50
R 8:00-9:50

REIN CONCRETE DSN I C E 334 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
PREREQ: 332, E M 327
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

2287005 1 MWF 1:10-2:00
W 12:10-1:00
2287010 2 MWF 1:10-2:00
W 2:10-3:00

INTRO TRANSPRT PLAN C E 350 3 CR.

PREREQ: 3 CR IN STAT, JR CLASSIFICATION
C E 350 NOT AVAILABLE FOR GRADUATION CREDIT
FOR STUDENTS IN CIVIL ENGINEERING

2289005 1 TR 2:10-3:30

PRIN TRANSPORTN ENG C E 355 2 CR.

PREREQ: 111, 203, PHYS 221, COURSE IN STAT FROM THE APPROVED DEPARTMENTAL LIST
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

2924005 1 MW 3:10-4:00

SOIL ENGINEERING C E 360 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
PREREQ: E M 324, CREDIT OR ENROLLMENT IN GEOL 201
MATERIALS FEE \$5.00-\$25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

2291005 1 MF 12:10-1:00
T 8:00-10:50

SOIL ENGINEERING C E 360 3 CR.

2291010 2 MF 12:10-1:00
T 12:10-3:00
2291015 3 MF 12:10-1:00
R 8:00-10:50
2291020 4 MF 12:10-1:00
R 12:10-3:00
2291025 5 MF 12:10-1:00
R 3:10-6:00PM

ENGR HYDROL&HYDRAUL C E 372 4 CR.

PREREQ: E M 378, A COURSE IN STATISTICS FROM THE APPROVED DEPARTMENT LIST
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

2293005 1 MWF 9:00-9:50
T 4:10-6:00PM
2293010 2 MWF 9:00-9:50
R 4:10-6:00PM

DESIGN OF CONCRETES C E 382 3 CR.

PREREQ: 360
MATERIALS FEE \$10.00-\$25.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

2294005 1 M 2:10-3:00
TR 8:00-10:50
2294010 2 M 2:10-3:00
WF 12:10-3:00
2294015 3 M 2:10-3:00
TR 12:10-3:00

DSGN PORTLAND CEMNT C E 383 1 CR.

PREREQ: 360. FOR CON E STUDENTS ONLY.
MATERIALS FEE \$10.00-\$25.00

9480005 1 W 3:10-5:00
9480010 2 R 3:10-5:00

ENGINEER INTERNSHIP C E 397 R CR.

SATISFACTORY-FAIL ONLY.
PREREQ: PERMISSION OF DEPARTMENT CHAIR
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
COLLEGE WILL REGISTER STUDENT
8692005 ARRANGED

COOPERATIVE EDUC C E 398 R CR.

SATISFACTORY-FAIL ONLY.
PREREQ: 298, PERMISSION OF DEPARTMENT CHAIR
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
COLLEGE WILL REGISTER STUDENT
2295005 ARRANGED

PROG&OUTCOME ASSESS C E 403 R CR.

SATISFACTORY-FAIL ONLY.
PREREQ: VERIFICATION OF UNDERGRAD APPLICATION FOR GRADUATION BY THE END OF THE FIRST WEEK OF CLASS,
INSTR PERMISSION FOR STUDENTS GRADUATING SUMMER.

7351005 1 M 5:10-6:00PM
SECT 1:MARCH 7-MAY 6

LAND SURVEYING C E 417 3 CR.

PREREQ: 111
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7565005 1 TF 12:10-1:00
W 3:10-6:00PM

CIVIL ENGINEERING

CIVIL ENGINEERING

WASTEWTR TREATM DSN C E 428 3 CR.
 PREREQ: 326
 6106005 1 MWF 9:00-9:50

BRIDGE DESIGN C E 446 3 CR.
 PREREQ: 333, 334
 MATERIALS FEE \$10.00-\$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2300005 1 MW 3:10-5:00

HIGHWAY DESIGN C E 453 4 CR.
 PREREQ: 304, 355, 372, 382
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2302005 1 MWF 9:00-9:50
 R 2:10-4:00
 2302010 2 MWF 9:00-9:50
 R 4:10-6:00PM

FOUNDATIONS C E 460 3 CR.
 PREREQ: 360
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2303005 1 MWF 2:10-3:00

CIVIL ENGR DESIGN I C E 485 2 CR.
 PREREQ: 304, SP CM 212
 2131005 1 M 12:10-1:00
 T 3:10-5:00
 2131010 2 M 12:10-1:00
 F 3:10-5:00

CIVIL ENG DESIGN II C E 486 3 CR.
 PREREQ: 326, 333 OR 334, 382, 485, CREDIT OR
 ENROLLMENT IN 428 OR 453
 9481005 1 M 11:00-11:50
 W 10:00-1:00
 9481010 2 M 11:00-11:50
 F 10:00-1:00
 9481015 3 M 11:00-11:50
 T 11:00-2:00

INDEPENDENT STUDY C E 490 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C E 490H 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN
 THE HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC C E 498 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 398, PERMISSION OF DEPT CHAIR
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 2309005 ARRANGED

DESIGN CONSTRUC SYS C E 505 3 CR.
 PREREQ: 334, 360, CON E 322 AND 340
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$5.00-\$50.00
 1947005 1 ARRANGED

CONSTR:INFO TECHNOL C E 510 3 CR.
 PREREQ: CON E 421, ENGR 160 OR C E 160 OR EQUIV
 8712005 1 ARRANGED

WTR POLL CNTRL PROC C E 522 3 CR.
 PREREQ: 521
 2320005 1 T 8:00-9:50
 R 8:00-9:50

PHY-CHEM TREAT PROC C E 523 3 CR.
 PREREQ: 520
 2321005 1 MF 1:10-2:00
 W 1:10-3:00

HAZARDOUS WASTE MGT C E 529 3 CR.
 PREREQ: 326
 8956005 1 ARRANGED

STRUCT STEEL DSN II C E 533 3 CR.
 PREREQ: 333
 2331005 1 MWF 2:10-3:00

PRESTRESS CONCR STR C E 535 3 CR.
 PREREQ: 334
 2328005 1 ARRANGED

STRUC ANLY FIN ELEM C E 542 3 CR.
 PREREQ: 532
 2324005 1 ARRANGED

ADV HIGHWAY DESIGN C E 550 3 CR.
 PREREQ: 453
 2334005 1 ARRANGED

TRAFFIC ENGINEERING C E 553 3 CR.
 PREREQ: 355
 2336005 1 ARRANGED

TRANSP INFRASTR MGT C E 559 3 CR.
 PREREQ: 355 OR 453, 382
 7776005 1 ARRANGED

NUM METH&GEOTCH DSN C E 564 3 CR.
 PREREQ: 560
 2342005 1 ARRANGED

SURFC WTR HYDROLOGY C E 571 3 CR.
 PREREQ: 372
 2343005 1 MWF 3:10-4:00

ADV PVMNT ANALY&DSN C E 582X 3 CR.
 PREREQ: 382 OR EQUIVALENT OR PERMISSION OF
 INSTRUCTOR
 7782005 1 ARRANGED

SPECIAL TOPICS C E 590 1- 5 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENVIR ENGR C E 591 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 1658005 1 T 11:00-11:50

CIVIL ENGINEERING

CREATIVE COMPONENT C E 599 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TP BEHV METL ST C E 649A 3 CR.
 PREREQ: PERMISSN OF STRUCTURAL ENGR GRAD FACULTY
 2362005 ARRANGED

ADV TOP CONCR SHELL C E 649B 3 CR.
 PREREQ: PERMISSN OF STRUCTURAL ENGR GRAD FACULTY
 2363005 ARRANGED

ADV TP MATRIX ANALY C E 649D 3 CR.
 PREREQ: PERMISSN OF STRUCTURAL ENGR GRAD FACULTY
 2365005 ARRANGED

ADV TOP DYNAMIC DSN C E 649E 3 CR.
 PREREQ: PERMISSN OF STRUCTURAL ENGR GRAD FACULTY
 2366005 ARRANGED

ADVANCED TOPICS C E 690 1- 3 CR.
 PREREQ: PRE-ENROLLMENT CONTRACT REQUIRED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP C E 697X R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF COOP ADVISER, GRAD CLASSIF
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7416005 1 ARRANGED

RESEARCH C E 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CLASSICAL STUDIES

THE ANCIENT CITY CL ST 275 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4315005 1 TR 12:40-2:00
 4315010 2 TR 12:40-2:00

RHETO&HIST OF IDEAS CL ST 350 3 CR.
 PREREQ: ENGL 105
 2176005 A TR 2:10-3:30

WLD LIT:ANCT-RENAIS CL ST 353 3 CR.
 PREREQ: ENGL 105
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 2585005 A1 TR 3:40-5:00
 SECTION A1 RESTRICTED TO ENGL, TCOMM

MAJORS ONLY
 2585010 A2 TR 3:40-5:00
 SECTION A2 RESTRICTED TO MAJORS OTHER
 THAN
 ENGL, TCOMM

GREEK & ROMAN DRAMA CL ST 372 3 CR.
 PREREQ: 273 OR 275 OR ONE YEAR OF LATIN OR GREEK
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 2587005 TR 2:10-3:25

WOMN ANCIENT MEDITE CL ST 374 3 CR.
 PREREQ: ANY ONE COURSE IN CL ST, W S, LATIN, OR
 GREEK
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8164005 MWF 11:00-11:50

CLASSICAL STUDIES

INTR ARCHAEOLOG GREEC CL ST 394 2 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5095005 M 4:10-5:50
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ANCIENT ROME II CL ST 404 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPH AND ABOVE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1954005 1 MWF 11:00-11:50

INDEPENDENT STUDY CL ST 490 1- 6 CR.
 PREREQ: 7 CR IN CL ST AT 200 LEVEL OR HIGHER;
 PERMISSION OF THE PROGRAM CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNICATION DISORDERS

INTRO COMM DISORDER CMDIS 275 3 CR.
 2611005 TR 12:40-2:00

PHONETICS&PHONOLOGY CMDIS 371 3 CR.
 PREREQ: 275 OR ENGL 219
 2610005 TR 9:30-10:50

COMMUNICATION STUDIES

INTRO COMMUNIC STDI COMST 101 3 CR.
 7918005 1 MWF 3:10-4:00

INTRO INTERPRS COMM COMST 102 3 CR.
 8105005 1A MWF 9:00-9:50
 SECTION 1A RESTRICTED TO COMST MAJORS
 ONLY
 8105010 1B MWF 9:00-9:50
 SECTION 1B FOR MAJORS OTHER THAN COMST

INTRO COM RSRCH MTD COMST 203 3 CR.
 COURSE RESTRICTED TO COMST MAJORS.
 5123005 1 TR 9:30-10:50

CONFLICT MANAGEMENT COMST 218 3 CR.
 7314005 1A MWF 1:10-2:00
 SECT 1A RESTRICTED TO COMST MAJORS ONLY
 7314010 1B MWF 1:10-2:00
 SECT 1B FOR MAJORS OTHER THAN COMST

HUMAN COMMUNIC THRY COMST 301 3 CR.
 PREREQ: 101
 COURSE RESTRICTED TO COMST MAJORS ONLY
 6593005 1 MWF 11:00-11:50

INTERCULTURAL COMM COMST 310 3 CR.
 PREREQ: 101 OR 102; 203, 301
 COURSE RESTRICTED TO COMST MAJORS ONLY
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7934005 1 TR 3:30-5:00

INTERPERSONAL COMM COMST 311 3 CR.
 PREREQ: 102, 203, 301
 COURSE IS RESTRICTED TO COMST MAJORS ONLY.
 6428005 1 MWF 10:00-10:50

COMMUNITY & REGIONAL PLANNING

COMMUNICATION STUDIES

SMALL GROUP COMM COMST 317 3 CR.
 PREREQ: 101 OR 102, 203, 301
 COURSE RESTRICTED TO COMST MAJORS ONLY
 6433005 1 TR 11:00-12:20

NONVERBAL COMMUNIC COMST 325 3 CR.
 PREREQ: 101 OR 102; 203, 301
 COURSE RESTRICTED TO COMST MAJORS ONLY
 3920005 1 TR 8:00-9:20

SEM INTRPERSNL COMM COMST 404B 3 CR.
 PREREQ: 311, ANOTHER 3 CR 300-LEVEL COMST COURSE
 2928005 T 6:30-9:00PM
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SEMINAR TRAIN&DEVEL COMST 404G 3 CR.
 PREREQ: 314, ANOTHER 3 CR 300-LEVEL COMST COURSE
 2883005 TR 12:40-2:00
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

INDEPENDENT STUDY COMST 490 1- 3 CR.
 PREREQ: 9 CREDITS IN COMST, JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF COMST 490 MAY BE
 USED TOWARD DEGREE REQUIREMENTS
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSNL INTERNSHP COMST 499 1- 3 CR.
 NO MORE THAN 6 CREDITS OF COMST 499 MAY BE
 USED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM INTERPERSN COMM COMST 504B 3 CR.
 PREREQ: GRADUATE STANDING
 4422005 T 6:30-9:00PM
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SEMINAR TRAIN&DEVEL COMST 504G 3 CR.
 2898005 TR 12:40-2:00
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SPECIAL TOPICS COMST 590 1- 4 CR.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

PLAN ANALY&TECHNQ I C R P 272 3 CR.
 PREREQ: COM S 103
 2383005 A TR 3:10-4:00
 T 1:10-3:00
 2383010 B TR 3:10-4:00
 R 1:10-3:00

URBAN FORM C R P 320 3 CR.
 PREREQ: 253 OR 270, OR PERMISSION OF INSTRUCTOR
 8073005 MWF 1:10-2:00 OWUSU F
 SECTION INFO:
<http://www.public.iastate.edu/%7efowusu/cour>

PRACTICUM C R P 330 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: MAJOR IN COMMUNITY AND REGIONAL PLANNING
 2386005 ARRANGED JESKE K

PRO PRACTICE SEMINR C R P 331 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: MAJOR IN COMMUNITY AND REGIONAL PLANNING
 3962005 T 1:10-2:00 HUNTINGTON S

RURAL,URB®N ECON C R P 376 3 CR.
 PREREQ: ECON 101
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2227005 1 MWF 1:10-2:00 FRANKEL D

PLAN PROCESS THEORY C R P 383 3 CR.
 PREREQ: 253 OR 270; JUNIOR STATUS
 2388005 A TR 9:30-10:50 BRADBURY S

PRO WORK EXPERIENCE C R P 410 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 2710005 ARRANGED BORICH T

SOCIAL POLICY PLANN C R P 427 3 CR.
 PREREQ: 253, 270, OR JUNIOR CLASSIFICATION
 MEETS U.S. DIVERSITY REQMT.
 2390005 TR 12:40-2:00 JESKE K

PLAN DEVE COUNTRIES C R P 429 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 2988005 TR 3:40-5:00 OWUSU F
 SECTION INFO:
<http://www.public.iastate.edu/%7efowusu/cour>

COMMUNTY DEVEL PLAN C R P 432 4 CR.
 PREREQ: 272, 274, SENIOR CLASSIFICATION
 2391005 A MWF 2:10-4:30

SITE ANALYS&DEV DES C R P 442 3 CR.
 PREREQ: 253, 272. MUST BE TAKEN PRIOR TO
 COMPLETING 12 CREDITS IN L A.
 8760005 T 6:00-9:00PM

INTRO GEOG INFO SYS C R P 451 3 CR.
 9410005 A MW 10:00-10:50 PLAZAK D
 T 11:00-12:50 PLAZAK D
 SECTION INFO:
<http://www.public.iastate.edu/%7ehaddad/cour>
 9410010 B MW 10:00-10:50 PLAZAK D
 T 11:00-12:50 PLAZAK D
 SECTION B RESTRICTED TO C R P MAJORS
 ONLY
 SECTION INFO:
<http://www.public.iastate.edu/%7ehaddad/cour>

COMMUNITY & REGIONAL PLANNING

FORCES SHAP METRO E C R P 270 3 CR.
 PREREQ: MUST BE TAKEN PRIOR TO COMPLETING 9
 CREDITS IN C R P
 MEETS U.S. DIVERSITY REQMT.
 2382005 A MWF 1:10-2:00 BRADBURY S
 2382010 B MWF 1:10-2:00 JESKE K
 SECTION B RESTRICTED TO C R P MAJORS
 ONLY

COMMUNITY & REGIONAL PLANNING

COMMUNITY & REGIONAL PLANNING

COMMUNITY ECON DEVT C R P 455 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 9223005 TR 2:10-3:30 MAHAYNI R

SUSTAINABLE COMMUNT C R P 484 3 CR.
 PREREQ: SENIOR STATUS
 7041005 TR 2:10-3:30 CLAPP T
 SECTION INFO:
<http://www.public.iastate.edu/%7etlclapp/>

INDEPENDENT STUDY C R P 490 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: WRITTEN APPROVAL OF INSTRUCTOR AND
 DEPARTMENT CHAIR ON REQUIRED FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C R P 490H 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: WRITTEN APPROVAL OF INSTRUCTOR AND
 DEPARTMENT CHAIR ON REQUIRED FORM. MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL LAW C R P 491 3 CR.
 PREREQ: 6 CREDITS IN NATURAL SCIENCES
 2396005 TR 8:00-9:20 CLAPP T
 SECTION INFO:
<http://www.public.iastate.edu/%7etlclapp/>

PRO WORK EXPERIENCE C R P 510 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 2733005 ARRANGED BORICH T

ECON ANALY PBLC PLN C R P 523 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9491005 MWF 11:00-11:50 SWENSON D

SOCIAL POLICY PLANN C R P 527 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 MEETS U.S. DIVERSITY REQMT.
 2403005 TR 12:40-2:00 JESKE K

PLAN DEVE COUNTRIES C R P 529 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 2404005 TR 3:40-5:00 OWUSU F
 SECTION INFO:
<http://www.public.iastate.edu/%7efowusu/cour>

PRACTICUM C R P 530 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION IN C R P
 2405005 ARRANGED JESKE K

PRO PRACTICE SEMINR C R P 531 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: MAJOR IN COMMUNITY AND REGIONAL PLANNING
 4266005 T 1:10-2:00 HUNTINGTON S

SITE ANALYS&DEV DES C R P 542 3 CR.
 PREREQ: GRADUATE CLASSIFICATION. MUST BE TAKEN
 PRIOR TO COMPLETING 12 CREDITS IN L A.
 8759005 T 6:00-9:00PM

INTRO GEOG INFO SYS C R P 551 3 CR.
 1985005 A MW 10:00-10:50 HADDAD M
 R 11:00-12:50 HADDAD M
 SECTION INFO:
<http://www.public.iastate.edu/%7ehaddad/cour>
 1985010 B MW 10:00-10:50 HADDAD M
 R 11:00-12:50 HADDAD M
 SECTION B RESTRICTED TO C R P MAJORS
 ONLY
 SECTION INFO:
<http://www.public.iastate.edu/%7ehaddad/cour>

ANALYTICAL PLAN/GIS C R P 553X 3 CR.
 PREREQ: 451/551 OR PERMISSION OF INSTRUCTOR
 8184005 MW 8:00-9:50 SEEGER C

COMMUNITY ECON DEVT C R P 555 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 9224005 TR 2:10-3:30 MAHAYNI R

SEMNR PLANNING THRY C R P 561 3 CR.
 PREREQ: INSTR PERMISSN AND GRAD CLASSIFICATION
 2410005 A TR 9:30-10:50 MAHAYNI R

SEMNR PLAN RESEARCH C R P 570 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION IN C R P
 2758005 MW 9:00-9:50 BORICH T
 JAN 10-MARCH 4

SUSTAINBLE COMMUNIT C R P 584 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 7043005 TR 2:10-3:30 CLAPP T
 SECTION INFO:
<http://www.public.iastate.edu/%7etlclapp/>

SPL TOP PLAN ADMIN C R P 590A 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LOCAL EC DEV C R P 590B 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSGN C R P 590C 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HOUSING C R P 590D 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMMUNITY & REGIONAL PLANNING

COMMUNITY & REGIONAL PLANNING

SP TOP NGHBRHD RENW C R P 590E 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOCIAL PLAN C R P 590F 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP REG ECON DEV C R P 590G 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIRN PLAN C R P 590H 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TRANSPRTN PL C R P 590I 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP POLICY ANALY C R P 590J 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STATE PLANN C R P 590K 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP PL DEV CNTRY C R P 590L 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS GIS C R P 590M 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND WRITTEN APPROVAL
 OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL LAW C R P 591 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 2426005 TR 8:00-9:20 CLAPP T
 SECTION INFO:
<http://www.public.iastate.edu/%7etlclapp/>

SEM IN GIS APPL/RES C R P 595X 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 9 CREDITS IN GIS CERTIFICATE PROGRAM
 8186005 T 10:00-10:50 HADDAD M
 SECTION INFO:
<http://www.public.iastate.edu/%7ehaddad/cour>

PRO PLANNING REPORT C R P 598 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH C R P 699 VAR. CR.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMPLEX ADAPTIVE SYSTEMS

CMPLX ADAPTV SY SEM CAS 502 1 CR.
 PREREQ: ADMISSION TO CAS MINOR
 2996005 T 10:00-10:50

CPX ADAPTV SY TECHQ CAS 503 3 CR.
 PREREQ: ADMISSION TO CAS MINOR
 2998005 MWF 10:00-10:50

COMPUTER ENGINEERING

PRO PROG ORIENTATN CPR E 166 R CR.
 COURSE RESTRICTED TO E E & CPR E MAJORS ONLY
 DISCUSSIONS WILL MEET EVERYOTHER WEEK.
 2292005 A1 T 1:10-2:00
 T 1:10-2:00
 2292010 A2 T 1:10-2:00
 T 1:10-2:00
 2292015 A3 T 1:10-2:00
 T 1:10-2:00
 2292020 B1 T 3:10-4:00
 T 3:10-4:00
 2292025 B2 T 3:10-4:00
 T 3:10-4:00
 2292030 B3 T 3:10-4:00
 T 3:10-4:00
 SECTION B3 RESTRICTED TO HONORS STUDENTS.

INT CPR E&PROB SOLV CPR E 185 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN MATH 141
 COURSE RESTRICTED TO E E & CPR E MAJORS ONLY
 3878005 1 MW 10:00-10:50
 T 10:00-11:50
 3878010 2 MW 10:00-10:50
 R 2:10-4:00
 3878015 3 MW 10:00-10:50
 R 8:00-9:50
 3878020 4 MW 10:00-10:50
 R 10:00-11:50

COMPUTER ENGINEERING

COMPUTER ENGINEERING

EXPLOR COMPUTR ENGR CPR E 186X 1 CR.

PREREQ: 185

6238005 1 W 8:00-9:50
 6238010 2 W 10:00-11:50
 6238015 3 W 12:10-2:00

ELETRN DEVIC&CIRCTS CPR E 203 4 CR.

PREREQ: E E 201, MATH 267, PHYS 222, CREDIT OR

ENROLLMENT IN CPR E 210
 2288005 1 MWF 8:00-8:50
 W 12:10-3:00
 2288010 2 MWF 8:00-8:50
 R 12:10-3:00
 2288015 3 MWF 8:00-8:50
 R 3:10-6:00PM
 2288020 4 MWF 8:00-8:50
 T 6:10-9:00PM
 2288025 5 MWF 8:00-8:50
 T 12:10-3:00
 2288030 6 MWF 8:00-8:50
 W 6:10-9:00PM
 2288035 7 MWF 8:00-8:50
 W 9:00-11:50
 2288040 8 MWF 8:00-8:50
 R 6:10-9:00PM
 2288045 9 MWF 8:00-8:50
 T 3:10-6:00PM
 2288050 10 MWF 8:00-8:50
 W 3:10-6:00PM

INTR DIGITAL DESIGN CPR E 210 4 CR.

PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO CPR E, COM S AND E E MAJORS
 SOPH AND ABOVE

1992005 1 MW 3:10-4:00
 T 8:00-9:50
 F 9:00-9:50
 1992010 2 MW 3:10-4:00
 T 10:00-11:50
 F 9:00-9:50
 1992015 3 MW 3:10-4:00
 T 12:10-2:00
 F 9:00-9:50
 1992020 4 MW 3:10-4:00
 T 2:10-4:00
 F 9:00-9:50
 1992025 5 MW 3:10-4:00
 T 4:10-6:00PM
 F 9:00-9:50
 1992030 6 MW 3:10-4:00
 T 6:10-8:00PM
 F 9:00-9:50
 1992035 7 MW 3:10-4:00
 R 8:00-9:50
 F 10:00-10:50
 1992040 8 MW 3:10-4:00
 R 10:00-11:50
 F 10:00-10:50
 1992045 9 MW 3:10-4:00
 R 12:10-2:00
 F 10:00-10:50
 1992050 10 MW 3:10-4:00
 R 2:10-4:00
 F 10:00-10:50

INTR DIGITAL DESIGN CPR E 210 4 CR.

1992055 11 MW 3:10-4:00
 R 4:10-6:00PM
 F 10:00-10:50
 1992060 12 MW 3:10-4:00
 R 6:10-8:00PM
 F 10:00-10:50
 1992065 13 MW 3:10-4:00
 W 8:00-9:50
 F 11:00-11:50

INTR MICROCONTROLLR CPR E 211 4 CR.

PREREQ: 210, COM S 207 OR 227
 COURSE RESTRICTED TO CPR E, COM S AND E E MAJORS

1993005 1 TR 9:30-10:50
 T 2:10-4:00
 1993010 2 TR 9:30-10:50
 T 4:10-6:00PM
 1993015 3 TR 9:30-10:50
 T 6:10-8:00PM
 1993020 4 TR 9:30-10:50
 F 10:00-11:50
 1993025 5 TR 9:30-10:50
 R 12:10-2:00
 1993030 6 TR 9:30-10:50
 T 12:10-2:00
 1993035 7 TR 9:30-10:50
 R 6:10-8:00PM
 1993040 8 TR 9:30-10:50
 W 4:10-6:00PM
 1993045 9 TR 9:30-10:50
 F 8:00-9:50
 1993050 10 TR 9:30-10:50
 W 6:10-8:00PM
 1993055 11 TR 9:30-10:50
 W 2:10-4:00
 1993060 12 TR 9:30-10:50
 R 4:10-6:00PM

COOPERATIVE EDUCATN CPR E 298 R CR.

PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 2757005 ARRANGED

CPR ORGANIZN&DESIGN CPR E 305 4 CR.

PREREQ: 211 OR COM S 321
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

1995005 1 MWF 9:00-9:50
 T 8:00-9:50
 1995010 2 MWF 9:00-9:50
 T 10:00-11:50
 1995015 3 MWF 9:00-9:50
 R 8:00-9:50
 1995020 4 MWF 9:00-9:50
 R 10:00-11:50
 1995025 5 MWF 9:00-9:50
 T 2:10-4:00
 1995030 6 MWF 9:00-9:50
 R 2:10-4:00
 1995035 7 MWF 9:00-9:50
 T 6:10-8:00PM
 1995045 8 MWF 9:00-9:50
 W 2:10-4:00
 1995050 9 MWF 9:00-9:50
 F 2:10-4:00

COMPUTER ENGINEERING

COMPUTER ENGINEERING

CPR ORGANIZN&DESIGN CPR E 305 4 CR.
 1995055 10 MWF 9:00-9:50
 R 4:10-6:00PM

OPERAT SYS:PRIN&PRA CPR E 308 4 CR.
 PREREQ: 305, 310
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

2036005 1 MWF 9:00-9:50
 W 4:10-7:00PM

2036010 2 MWF 9:00-9:50
 T 12:10-3:00

2036015 3 MWF 9:00-9:50
 T 3:10-6:00PM

2036020 4 MWF 9:00-9:50
 R 3:10-6:00PM

2036025 5 MWF 9:00-9:50
 T 6:00-9:00PM

2036030 6 MWF 9:00-9:50
 R 12:10-3:00

2036035 7 MWF 9:00-9:50
 W 10:00-12:50

2036040 8 MWF 9:00-9:50
 W 1:10-4:00

2036045 9 MWF 9:00-9:50
 F 10:00-12:50

2036050 10 MWF 9:00-9:50
 F 1:10-4:00

THEORET FOUND CPR E CPR E 310 3 CR.
 PREREQ: CREDIT OR ENRLMT IN CPR E 211, COM S 228
 9240005 A TR 8:00-9:20

TOYING WITH TECHNOL CPR E 370 3 CR.
 PREREQ: C I 201, JR STANDING, NOT IN ENGINEERING
 5941005 A TR 1:10-3:00

ENGINEER INTERNSHIP CPR E 397 R CR.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 8696005 ARRANGED

COOPERATIVE EDUCATN CPR E 398 R CR.
 PREREQ: 298, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 2761005 ARRANGED

HI PERFRMN COMP APP CPR E 425 3 CR.
 PREREQ: COM S 311, 330, ENGL 105, SP CM 212
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7539005 A1 MWF 11:00-11:50
 W 12:10-1:00
 SECTION A1 RESTRICTED TO COM S MAJORS

ONLY
 7539010 A2 MWF 11:00-11:50
 W 12:10-1:00
 SECTION A2 RESTRICTED TO CPR E MAJORS

ONLY

ANLOG VLSI CIRC DSN CPR E 435 4 CR.
 PREREQ: 434
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2330005 1 MWF 10:00-10:50
 M 12:10-3:00
 2330010 2 MWF 10:00-10:50
 M 3:10-6:00PM

ANLOG VLSI CIRC DSN CPR E 435 4 CR.
 2330015 3 MWF 10:00-10:50
 F 12:10-3:00

DISTRB SYS&MIDDLWRE CPR E 450X 3 CR.
 PREREQ: 308 OR COM S 352
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8512005 TR 3:40-5:00

DIGT INTEG CIRC DSN CPR E 465 4 CR.
 PREREQ: 334
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

9514005 1 TR 9:30-10:50
 T 3:10-6:00PM

9514010 2 TR 9:30-10:50
 T 11:00-2:00

9514015 3 TR 9:30-10:50
 W 9:00-11:50

9514020 4 TR 9:30-10:50
 R 3:10-6:00PM

9514025 5 TR 9:30-10:50
 W 12:10-3:00

MULTIDISC ENGR DSGN CPR E 466 3 CR.
 PREREQ: STUDENT MUST BE WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 1899005 T 3:10-4:00
 TR 4:10-6:00PM
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

HARDWR SOFTWR INTEG CPR E 483 4 CR.
 PREREQ: 305
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

7916005 1 MWF 2:10-3:00
 F 10:00-11:50

7916010 2 MWF 2:10-3:00
 F 12:10-2:00

7916015 3 MWF 2:10-3:00
 W 4:10-6:00PM

7916020 4 MWF 2:10-3:00
 T 4:10-6:00PM

7916025 5 MWF 2:10-3:00
 W 12:10-2:00

JAVA &INTERNET PROG CPR E 485 3 CR.
 PREREQ: COM S 309
 COURSE RESTRICTED TO COM S, CPR E AND E E
 MAJORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

7732005 1 MW 3:10-4:00
 M 8:00-9:50

7732010 2 MW 3:10-4:00
 M 10:00-11:50

7732015 3 MW 3:10-4:00
 M 12:10-2:00

7732020 4 MW 3:10-4:00
 M 4:10-6:00PM

7732025 5 MW 3:10-4:00
 M 6:10-8:00PM

COMPUTER ENGINEERING

SOFTWARE VERIF&TEST CPR E 487X 3 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2708005 TR 12:40-2:00

CPTR NTWRK&DATA COM CPR E 489 3 CR.
 PREREQ: 305 OR E E 324
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2771005 TR 8:00-9:20

INDEPENDENT STUDY CPR E 490 VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN COMPUTER ENGR
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY CPR E 490H VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN COMPUTER ENGR
 MEMBERSHIP IN UNIV HONORS PROGRAM
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SR DESGN PROJ I&PRO CPR E 491 2- 3 CR.
 PREREQ: 308 OR E E 322, COMPLETION OF 24 CREDITS
 IN THE E E CORE PROFESSIONAL PROGRAM OR 29 CREDITS
 IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGL 314
 COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
 AND ABOVE
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2765005 T 2:10-4:00, ARRANGED

SR DESIGN PROJCT II CPR E 492 2 CR.
 PREREQ: 491
 COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
 AND ABOVE
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 1659002 R 2:10-3:00, ARRANGED

PORTFOLIO ASSESSMNT CPR E 494 R CR.
 PREREQ: CREDIT OR ENROLLMENT IN 491
 COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
 AND ABOVE
 2279005 1 R 4:10-5:00
 2279010 2 R 3:10-4:00
 2279015 3 W 2:10-3:00
 2279020 4 W 1:10-2:00

COOPERATIVE EDUCATN CPR E 498 R CR.
 PREREQ: 398, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 2774005 ARRANGED

NUM ANALY HI-P COMP CPR E 525 3 CR.
 PREREQ: 308, OR ONE OF MATH 471,481; EXPERIENCE
 IN SCIENTIFIC PROGRAMMING; KNOWLEDGE OF FORTRAN OR C
 1368005 TR 11:00-12:20

COMPUTER ENGINEERING

INFORMATION WARFARE CPR E 532 3 CR.
 PREREQ: 531
 RESTRICTED TO E CPE, COM S, INFAS, LOMIS,
 GRAD STUDENTS ONLY
 2989005 TR 8:00-9:20

CRYPTOGRAPHY CPR E 533 3 CR.
 PREREQ: MATH 301 OR CPR E 310 OR COM S 330
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 6193005 MWF 1:10-2:00

INFO ASSUR LEGAL&ET CPR E 534 3 CR.
 PREREQ: 531
 RESTRICTED TO E CPE, COM S, INFAS, LOMIS
 GRAD STUDENTS ONLY
 2620005 A TR 9:30-10:50

INTR DIGTL DTA HDNG CPR E 535X 3 CR.
 PREREQ: CPR E 531 OR E E 524 OR MATH 533 (CPR E
 533, INFAS 533)
 8510005 TR 2:10-3:30

WIRELESS NTKW SECUR CPR E 537 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 489 OR 530
 RESTRICTED TO E CPE, COM S, INFAS GRAD
 STUDENTS ONLY
 6961005 A MWF 10:00-10:50

PRIN&PRACTC COMPILI CPR E 540 3 CR.
 PREREQ: COM S 331, 342, ENGL 105, SP CM 212
 COURSE RESTRICTED TO COM S MAJORS ONLY
 5664005 1 TR 11:00-12:20

FAULT-TOLERANT SYSM CPR E 545 3 CR.
 PREREQ: 305
 1079005 TR 12:40-2:00

DISTRB SYS&MIDDLWRE CPR E 550X 3 CR.
 PREREQ: 308 OR COM S 352
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8515005 TR 3:40-5:00

CMPTR GRPH&GEOM MOD CPR E 557 3 CR.
 PREREQ: M E 421, PROGRAMMING EXPERIENCE IN C
 2985005 TR 12:40-2:00

TEXT MINING&PROCESS CPR E 587 3 CR.
 PREREQ: 486 OR COM S 309 OR COM S 311
 7700005 A MWF 12:10-1:00

EMBEDDED CMPTR SYST CPR E 588 3 CR.
 PREREQ: 308
 RESTRICTED TO E CPE, COM S, GRAD STUDENTS ONLY
 2783005 A TR 11:00-12:20

SPECIAL TOPICS CPR E 590 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR CMPUTR ENGR CPR E 592 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 RESTRICTED TO CPR E, E E, COM S GRAD STUDENTS
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3546017 AS ARRANGED

COMPUTER SCIENCE

COMPUTER ENGINEERING

SELECT TOPICS CPR E CPR E 594 3 CR.
 2992122 ST ARRANGED

CREATIVE COMPONENT CPR E 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PARALL ALGORITHM&SCI CPR E 626 3 CR.
 PREREQ: 526
 1135005 MWF 10:00-10:50

ENGINEERG INTERNSHP CPR E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPT CHAIR, GRAD CLASSIFCTN
 7420005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

RESEARCH CPR E 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMPUTER SCIENCE

ORIENTATION COM S 101 R CR.
 SATISFACTORY-FAIL ONLY.
 2672005 1 T 12:40-2:00
 SECT 1:JAN 10-MARCH 4

COMPUTER APPLICATNS COM S 103 4 CR.
 SEC 26-50 FOR ALL BUSINESS COLLEGE MAJORS.
 SEC 1-25 FOR MAJORS OTHER THAN COM S, P CS, &
 BUSINESS COLLEGE.
 MATERIALS FEE \$15.00

2673005	1	ARRANGED	
		COURSE DELIVERY IS WWW	
2673010	2	ARRANGED	
		COURSE DELIVERY IS WWW	
2673015	3	ARRANGED	
		COURSE DELIVERY IS WWW	
2673020	4	ARRANGED	
		COURSE DELIVERY IS WWW	
2673025	5	ARRANGED	
		COURSE DELIVERY IS WWW	
2673030	6	ARRANGED	
		COURSE DELIVERY IS WWW	
2673035	7	ARRANGED	
		COURSE DELIVERY IS WWW	
2673040	8	ARRANGED	
		COURSE DELIVERY IS WWW	
2673045	9	ARRANGED	
		COURSE DELIVERY IS WWW	
2673050	10	ARRANGED	
		COURSE DELIVERY IS WWW	
2673055	11	ARRANGED	
		COURSE DELIVERY IS WWW	
2673060	12	ARRANGED	
		COURSE DELIVERY IS WWW	
2673065	13	ARRANGED	
		COURSE DELIVERY IS WWW	
2673070	14	ARRANGED	
		COURSE DELIVERY IS WWW	
2673075	15	ARRANGED	
		COURSE DELIVERY IS WWW	
2673080	16	ARRANGED	
		COURSE DELIVERY IS WWW	
2673085	17	ARRANGED	
		COURSE DELIVERY IS WWW	

COMPUTER APPLICATNS	COM S 103	4 CR.
2673090	18	ARRANGED
		COURSE DELIVERY IS WWW
2673095	19	ARRANGED
		COURSE DELIVERY IS WWW
2673100	20	ARRANGED
		COURSE DELIVERY IS WWW
2673105	21	ARRANGED
		COURSE DELIVERY IS WWW
2673110	22	ARRANGED
		COURSE DELIVERY IS WWW
2673115	23	ARRANGED
		COURSE DELIVERY IS WWW
2673120	24	ARRANGED
		COURSE DELIVERY IS WWW
2673125	25	ARRANGED
		COURSE DELIVERY IS WWW
2673130	26	ARRANGED
		COURSE DELIVERY IS WWW
2673135	27	ARRANGED
		COURSE DELIVERY IS WWW
2673140	28	ARRANGED
		COURSE DELIVERY IS WWW
2673145	29	ARRANGED
		COURSE DELIVERY IS WWW
2673150	30	ARRANGED
		COURSE DELIVERY IS WWW
2673155	31	ARRANGED
		COURSE DELIVERY IS WWW
2673160	32	ARRANGED
		COURSE DELIVERY IS WWW
2673165	33	ARRANGED
		COURSE DELIVERY IS WWW
2673170	34	ARRANGED
		COURSE DELIVERY IS WWW
2673175	35	ARRANGED
		COURSE DELIVERY IS WWW
2673180	36	ARRANGED
		COURSE DELIVERY IS WWW
2673185	37	ARRANGED
		COURSE DELIVERY IS WWW
2673190	38	ARRANGED
		COURSE DELIVERY IS WWW
2673195	39	ARRANGED
		COURSE DELIVERY IS WWW
2673200	40	ARRANGED
		COURSE DELIVERY IS WWW
2673205	41	ARRANGED
		COURSE DELIVERY IS WWW
2673210	42	ARRANGED
		COURSE DELIVERY IS WWW
2673215	43	ARRANGED
		COURSE DELIVERY IS WWW
2673220	44	ARRANGED
		COURSE DELIVERY IS WWW
2673225	45	ARRANGED
		COURSE DELIVERY IS WWW
2673230	46	ARRANGED
		COURSE DELIVERY IS WWW
2673235	47	ARRANGED
		COURSE DELIVERY IS WWW
2673240	48	ARRANGED
		COURSE DELIVERY IS WWW
2673245	49	ARRANGED
		COURSE DELIVERY IS WWW

COMPUTER SCIENCE

COMPUTER SCIENCE

COMPUTER APPLICATNS COM S 103 4 CR.
 2673250 50 ARRANGED
 COURSE DELIVERY IS WWW

INTRO TO COMPUTERS COM S 104 4 CR.
 COURSE RESTRICTED TO P CS MAJORS ONLY
 2995005 1 MWF 8:00-8:50
 T 4:10-6:00PM
 2995010 2 MWF 8:00-8:50
 T 12:10-2:00
 2995015 3 MWF 8:00-8:50
 W 2:10-4:00
 2995020 4 MWF 8:00-8:50
 W 12:10-2:00
 2995025 5 MWF 8:00-8:50
 T 6:00-8:00PM
 2995030 6 MWF 8:00-8:50
 W 4:10-6:00PM
 2995035 7 MWF 8:00-8:50
 T 2:10-4:00

COBOL PROGRAMMING COM S 201 3 CR.
 PREREQ: 107 OR 207 OR 227
 COURSE RESTRICTED TO BUSINESS COLLEGE MAJORS ONLY
 2675005 1 MWF 8:00-8:50
 W 2:10-3:00
 2675010 2 MWF 8:00-8:50
 W 3:10-4:00

CAREERS IN COM SCI COM S 203 R CR.
 SATISFACTORY-FAIL ONLY.
 COURSE RESTRICTED TO P CS, COM S MAJORS ONLY
 2682005 1 R 12:40-2:00
 SECT 1:JAN 10-MARCH 4

PROGRAMMING I COM S 207 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: MATH 150 OR PLACEMENT INTO MATH
 140/141/142 OR HIGHER
 SEC A1,B1,ETC. FOR BUSINESS COLLEGE MAJORS ONLY.
 SECTIONS A2,B2,ETC. FOR ENGR COLLEGE MAJORS ONLY.
 SECTIONS A3,B3,ETC. FOR ALL OTHER MAJORS. CREDIT FOR
 EITHER COM S 207 OR COM S 227, BUT NOT BOTH, MAY BE
 APPLIED TOWARD GRADUATION.
 9235005 A1 MWF 2:10-3:00 LATHROP J
 T 3:10-4:00
 9235010 A2 MWF 2:10-3:00 LATHROP J
 T 3:10-4:00
 9235015 A3 MWF 2:10-3:00 LATHROP J
 T 3:10-4:00
 9235020 B1 MWF 2:10-3:00 LATHROP J
 T 1:10-2:00
 9235025 B2 MWF 2:10-3:00 LATHROP J
 T 1:10-2:00
 9235030 B3 MWF 2:10-3:00 LATHROP J
 T 1:10-2:00
 9235035 C1 MWF 2:10-3:00 LATHROP J
 T 2:10-3:00
 9235040 C2 MWF 2:10-3:00 LATHROP J
 T 2:10-3:00
 9235045 C3 MWF 2:10-3:00 LATHROP J
 T 2:10-3:00
 9235050 D1 MWF 12:10-1:00
 W 3:10-4:00
 9235055 D2 MWF 12:10-1:00
 W 3:10-4:00

PROGRAMMING I COM S 207 3 CR.

9235060 D3 MWF 12:10-1:00
 W 3:10-4:00
 9235065 E1 MWF 12:10-1:00
 W 4:10-5:00
 9235070 E2 MWF 12:10-1:00
 W 4:10-5:00
 9235075 E3 MWF 12:10-1:00
 W 4:10-5:00
 9235080 F1 MWF 12:10-1:00
 W 2:10-3:00
 9235085 F2 MWF 12:10-1:00
 W 2:10-3:00
 9235090 F3 MWF 12:10-1:00
 W 2:10-3:00

INTR OBJT ORIEN PRG COM S 227 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 104 OR 107 OR PRIOR PROGRAMMING
 EXPERIENCE; CREDIT OR ENROLLMENT IN MATH 165
 ODD NUMBERED SECTIONS RESTRICTED TO P CS MAJORS.
 EVEN NUMBERED SECTIONS RESTRICTED TO CPR E MAJORS.
 CREDIT FOR EITHER COM S 227 OR COM S 207, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 9237005 1 MWF 9:00-9:50
 T 8:00-8:50
 9237010 2 MWF 9:00-9:50
 T 8:00-8:50
 9237015 3 MWF 9:00-9:50
 T 9:00-9:50
 9237020 4 MWF 9:00-9:50
 T 9:00-9:50
 9237025 5 MWF 9:00-9:50
 T 10:00-10:50
 9237030 6 MWF 9:00-9:50
 T 10:00-10:50
 9237035 7 MWF 9:00-9:50
 T 11:00-11:50
 9237040 8 MWF 9:00-9:50
 T 11:00-11:50
 9237045 9 MWF 9:00-9:50
 T 12:10-1:00
 9237050 10 MWF 9:00-9:50
 T 12:10-1:00
 9237055 11 MWF 10:00-10:50
 T 1:10-2:00
 9237060 12 MWF 10:00-10:50
 T 1:10-2:00
 9237065 13 MWF 10:00-10:50
 T 2:10-3:00
 9237070 14 MWF 10:00-10:50
 T 2:10-3:00
 9237075 15 MWF 10:00-10:50
 T 3:10-4:00
 9237080 16 MWF 10:00-10:50
 T 3:10-4:00
 9237085 17 MWF 10:00-10:50
 W 8:00-8:50
 9237090 18 MWF 10:00-10:50
 W 8:00-8:50
 9237095 19 MWF 10:00-10:50
 W 9:00-9:50
 9237100 20 MWF 10:00-10:50
 W 9:00-9:50
 9237105 21 MWF 1:10-2:00
 W 11:00-11:50

COMPUTER SCIENCE

COMPUTER SCIENCE

INTR OBJT ORIEN PRG COM S 227 3 CR.
 9237110 22 MWF 1:10-2:00
 W 11:00-11:50
 9237115 23 MWF 1:10-2:00
 W 2:10-3:00
 9237120 24 MWF 1:10-2:00
 W 2:10-3:00
 9237125 25 MWF 1:10-2:00
 W 10:00-10:50
 9237130 26 MWF 1:10-2:00
 W 10:00-10:50
 9237135 27 MWF 1:10-2:00
 W 3:10-4:00
 9237140 28 MWF 1:10-2:00
 W 3:10-4:00
 9237145 29 MWF 1:10-2:00
 W 4:10-5:00
 9237150 30 MWF 1:10-2:00
 W 4:10-5:00

INTRO DATA STRUCTUR COM S 228 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 227, MATH 165, CR OR ENR IN COM S 104
 AND MATH 166
 SEC A1,B1,C1 FOR P CS MAJORS ONLY. SEC A2,B2,
 C2 FOR CPR E MAJORS ONLY.
 9238005 A1 MWF 11:00-11:50
 R 10:00-10:50
 9238010 A2 MWF 11:00-11:50
 R 2:10-3:00
 9238015 B1 MWF 2:10-3:00
 R 1:10-2:00
 9238020 B2 MWF 2:10-3:00
 R 4:10-5:00
 9238025 C1 MWF 1:10-2:00
 R 9:00-9:50
 9238030 C2 MWF 1:10-2:00
 R 12:10-1:00

INDEPENDENT STUDY COM S 290 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2680005 1 ARRANGED

INDEP STUDY HONORS COM S 290H VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2681005 1 ARRANGED

SOFTWARE DEVELOPMNT COM S 309 3 CR.
 PREREQ: 228, ENGL 104
 SECTIONS A1,B1 RESTRICTED TO COM S MAJORS ONLY.
 SECTIONS A2,B2 RESTRICTED TO CPR E MAJORS ONLY.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4438005 A1 TR 9:30-10:50
 T 11:00-11:50
 4438010 A2 TR 9:30-10:50
 T 11:00-11:50
 4438015 B1 TR 9:30-10:50
 T 1:10-2:00
 4438020 B2 TR 9:30-10:50
 T 1:10-2:00

DSN&ANALYSIS ALGRTH COM S 311 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 228, MATH 166, ENGL 104, AND EITHER
 COM S 330 OR CPR E 310
 SECTS A1,B1,ETC RESTRICTED TO COM S MAJORS ONLY.
 SECTIONS A2,B2,ETC RESTRICTED TO CPR E MAJORS ONLY.
 CREDIT FOR EITHER COM S 311 OR COM S 381, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2683005 A1 MWF 1:10-2:00
 T 3:10-4:00
 2683010 A2 MWF 1:10-2:00
 T 3:10-4:00
 2683015 B1 MWF 1:10-2:00
 T 4:10-5:00
 2683020 B2 MWF 1:10-2:00
 T 4:10-5:00
 2683025 C1 MWF 12:10-1:00
 T 1:10-2:00
 2683030 C2 MWF 12:10-1:00
 T 1:10-2:00
 2683035 D1 MWF 12:10-1:00
 T 2:10-3:00
 2683040 D2 MWF 12:10-1:00
 T 2:10-3:00

INTR CPTR ARCH&MACH COM S 321 3 CR.
 PREREQ: 228, CPR E 210 AND ENGL 104
 COURSE RESTRICTED TO COM S MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2684005 A MWF 12:10-1:00
 T 10:00-10:50
 2684010 B MWF 12:10-1:00
 T 9:00-9:50
 2684015 C MWF 12:10-1:00
 T 3:10-4:00
 2684020 D MWF 12:10-1:00
 T 4:10-5:00

DISCRETE CMP STRUCT COM S 330 3 CR.
 PREREQ: 228, MATH 166 AND ENGL 104
 COURSE RESTRICTED TO COM S MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2685005 1 MWF 1:10-2:00
 R 10:00-10:50
 2685010 2 MWF 1:10-2:00
 R 2:10-3:00

THEORY OF COMPUTING COM S 331 3 CR.
 PREREQ: MATH 166, ENGL 104, AND EITHER COM S 330
 OR CPR E 310
 SECTION A1,B1 RESTRICTED TO COM S MAJORS ONLY.
 SECTION A2,B2 RESTRICTED TO CPR E MAJORS ONLY.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2686005 A1 MWF 8:00-8:50
 T 10:00-10:50
 2686010 A2 MWF 8:00-8:50
 T 10:00-10:50
 2686015 B1 MWF 8:00-8:50
 T 9:00-9:50
 2686020 B2 MWF 8:00-8:50
 T 9:00-9:50

COMPUTER SCIENCE

PRIN PROGR LANGUAGS COM S 342 3 CR.
 PREREQ: 321, ENGL 104, COM S 330 OR CPR E 310, &
 EITHER 309, 362, OR 363
 COURSE RESTRICTED TO COM S MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2687005 1 TR 2:10-3:30
 W 9:00-9:50
 2687015 2 TR 2:10-3:30
 W 4:10-5:00

INTRO OPERATING SYS COM S 352 3 CR.
 PREREQ: 321, ENGL 104 AND EITHER COM S 362 OR 363
 SECTIONS A1,B1 RESTRICTED TO COM S MAJORS ONLY.
 SECTIONS A2,B2 RESTRICTED TO CPR E MAJORS ONLY.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2688005 A1 MWF 2:10-3:00
 R 1:10-2:00
 2688010 A2 MWF 2:10-3:00
 R 1:10-2:00
 2688020 B1 MWF 2:10-3:00
 R 12:10-1:00
 2688025 B2 MWF 2:10-3:00
 R 12:10-1:00

OBJCT-ORIEN ANALY&D COM S 362 3 CR.
 PREREQ: 228, AND ENGL 104
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2622005 A1 MWF 11:00-11:50
 SECTION A1 RESTRICTED TO COM S MAJORS ONLY
 2622010 A2 MWF 11:00-11:50
 SECTION A2 RESTRICTED TO CPR E MAJORS
 ONLY

INTR DATABS MGT SYS COM S 363 3 CR.
 PREREQ: 228 AND ENGL 104
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2689005 A1 TR 11:00-12:20
 SECTION A1 RESTRICTED FOR COM S MAJORS
 ONLY.
 2689010 A2 TR 11:00-12:20
 SECTION A2 RESTRICTED TO CPR E MAJORS
 ONLY.

COOPERATIVE EDUCATN COM S 398 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 2691005 1 ARRANGED

INTR CMPTNL GEOMTRY COM S 418 3 CR.
 PREREQ: 311 OR INSTRUCTOR PERMISSION, ENGL 105,
 SP CM 212
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5952005 1 TR 9:30-10:50
 W 10:00-10:50

LOGIC MATH&CPTR SCI COM S 421 3 CR.
 PREREQ: MATH 301 OR 307 OR 317 OR COM S 330
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2624005 MWF 2:10-3:00

HI PERFRMN COMP APP COM S 425 3 CR.
 PREREQ: 311, 330, ENGL 105, SP CM 212
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2249005 A1 MWF 11:00-11:50
 W 12:10-1:00
 SECTION A1 RESTRICTED TO COM S MAJORS ONLY
 2249010 A2 MWF 11:00-11:50
 W 12:10-1:00
 SECTION A2 RESTRICTED TO CPR E MAJORS ONLY

COMPUTER SCIENCE

PRIN&PRACTC COMPILI COM S 440 3 CR.
 PREREQ: 331, 342, ENGL 105, SP CM 212
 COURSE RESTRICTED TO COM S MAJORS ONLY.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2695005 1 TR 11:00-12:20
 W 2:10-3:00

COMP LINEAR ALG&FIX COM S 471 3 CR.
 PREREQ: MATH 270; OR 265 AND ONE OF 266,267;
 KNOWLEDGE OF FORTRAN OR PASCAL
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2698005 TR 9:30-10:50

NUMRC SOL DIFF EQUA COM S 481 3 CR.
 PREREQ: MATH 371; OR 265 AND ONE OF 266,267;
 KNOWLEDGE OF FORTRAN OR PASCAL
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2699005 TR 2:10-3:30

FUND CONC/COMP NETW COM S 486X 3 CR.
 PREREQ: 352
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5060005 A1 TR 12:40-2:00
 SECTION A1 RESTRICTED TO COM S MAJORS
 ONLY
 5060010 A2 TR 12:40-2:00
 SECTION A2 RESTRICTED TO CPR E MAJORS
 ONLY

SOFTWARE VERIF&TEST COM S 487X 3 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2712005 TR 12:40-2:00

INDEPENDENT STUDY COM S 490 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF COM S 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS COM S 490H VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 6 CREDITS IN COM S, PERMISSION OF
 INSTRUCTOR, MEMBERSHIP IN HONORS PROGRAM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CMPLX ADAPTV SY SEM COM S 502 1 CR.
 PREREQ: ADMISSION TO CAS MINOR
 2643005 T 10:00-10:50

CPX ADAPTV SY TECHQ COM S 503 3 CR.
 PREREQ: ADMISSION TO CAS MINOR
 2654005 MWF 10:00-10:50

MTH SOFTWARE ENGINRG COM S 512 3 CR.
 PREREQ: 311, 330
 COURSE RESTRICTED TO COM S, E CPE MAJORS ONLY
 2707005 1 MWF 2:10-3:00

COMPUTER SCIENCE

COMPUTER SCIENCE

INTR CMPTNL GEOMETRY COM S 518 3 CR.
 PREREQ: 311 OR PERMISSION OF INSTRUCTOR
 5866005 1 TR 9:30-10:50

NUM ANALY HI-P COMP COM S 525 3 CR.
 PREREQ: CPR E 308, OR ONE OF MATH 471, 473
 OR 481; EXPERIENCE IN SCIENTIFIC PROGRAMMING,
 KNOWLEDGE OF FORTRAN OR C
 2049005 TR 11:00-12:20

THEORY OF COMPUTATN COM S 531 3 CR.
 PREREQ: 331
 2709005 A1 MWF 11:00-11:50
 SECTION A1 RESTRICTED TO COM S MAJORS
 ONLY
 2709010 A2 MWF 11:00-11:50
 SECTION A2 RESTRICTED TO E CPE MAJORS
 ONLY

PRIN&PRACTC COMPILI COM S 540 3 CR.
 PREREQ: 331, 342, ENGL 105, SP CM 212
 COURSE RESTRICTED TO COM S MAJORS ONLY
 2251005 1 TR 11:00-12:20

PRIN OPERAT SYSTEMS COM S 552 3 CR.
 PREREQ: 352
 2713005 A1 MWF 3:10-4:00
 SECTION A1 RESTRICTED TO COM S MAJORS
 ONLY
 2713010 A2 MWF 3:10-4:00
 SECTION A2 RESTRICTED TO E CPE MAJORS
 ONLY

ANLY ALG STOCH MODL COM S 556 3 CR.
 PREREQ: 331, MATH 307, AND STAT 330
 3877005 1 ARRANGED

PRIN DATABASE SYST COM S 561 3 CR.
 PREREQ: 311, 363
 2715010 1 MW 4:10-5:30
 SECTION 1 RESTRICTED TO COM S MAJORS ONLY
 2715015 2 MW 4:10-5:30
 SECTION 2 RESTRICTED TO E CPE MAJORS ONLY

MACHINE LEARNING COM S 573 3 CR.
 PREREQ: 311, 331, 362, STAT 330
 COURSE RESTRICTED TO COM S MAJORS ONLY
 2660005 1 MWF 10:00-10:50

SPECIAL TOPICS COM S 590 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMPUTNL MOLEC BIOL COM S 594 3 CR.
 PREREQ: BCB 484, BCB 495, STAT 432 OR EQUIVALENT
 COURSES; PROGRAMMING EXPERIENCE (C,C++, OR PERL)
 5686005 TR 9:30-10:50

SEMINAR COM S 610 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ANLYS ALGOR COM S 611 3 CR.
 PREREQ: 511, 531
 8204005 1 ARRANGED

ISS PARALLEL PG,PRF COM S 625 3 CR.
 PREREQ: 511, CPR E 585
 9357005 1 ARRANGED

PARALL ALGORITHM&SCI COM S 626 3 CR.
 PREREQ: CPR E 526
 8130005 MWF 10:00-10:50

THEORY GAMES,KNWLDG COM S 634 3 CR.
 PREREQ: 330
 8149005 1 ARRANGED

COMP MODELS OF LRNG COM S 672 3 CR.
 PREREQ: 331, 572 OR 573 OR 472 OR 474, STAT 330
 2216005 1 ARRANGED

ADV TOP ARTIF INTEL COM S 673 3 CR.
 PREREQ: 331, 572 OR 573 OR 472 OR 474, STAT 330
 COURSE RESTRICTED TO COM S MAJORS ONLY
 9467005 1 ARRANGED

ADV TP HISPEED NETW COM S 686X 3 CR.
 PREREQ: 586
 1743005 1 ARRANGED

RESEARCH COM S 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CONSTRUCTION ENGINEERING

INTRO CONSTRUC ENGR CON E 110 R CR.
 FIELD TRIPS & TRAVEL FEE \$10.00-\$50.00
 2729005 1 W 4:10-5:00
 R 5:10-7:00PM
 SEC 1 RESTRICTED TO FRESHMAN & TRANSFER
 STUDENTS.
 2729010 2 W 4:10-5:00
 R 5:10-7:00PM
 SEC 2 RESTRICTED TO JUNIOR AND SENIORS.

PROFESSIONAL DEVELP CON E 210 1 CR.
 PREREQ: SOPHOMORE CLASSIFICATION IN CON E
 2739005 1 M 4:10-5:00

CONTRACTR ORG & MGT CON E 221 4 CR.
 PREREQ: COMPLETION OF BASIC PROGRAM & ENGR 170
 2736005 1 MTWR 11:00-11:50

CONSTR MATLS & METH CON E 241 3 CR.
 PREREQ: 221
 COURSE RESTRICTED TO CON E MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$50.00
 2730005 1 MW 12:10-1:00
 R 8:00-10:50
 2730010 2 MW 12:10-1:00
 R 8:00-10:50

CONTRACT DOCUMENTS CON E 245 2 CR.
 PREREQ: 221
 COURSE RESTRICTED TO CON E MAJORS ONLY
 2731005 1 W 4:10-6:00PM

CONSTRUCTION ENGINEERING

MECH/ELEC MTRLS&MTH CON E 251 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 241
 2377005 1 T 3:10-6:00PM

COOPERATIVE EDUCATN CON E 298 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 2732005 ARRANGED

CON EQUIP&HVY C MTH CON E 322 3 CR.
 PREREQ: 241
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$50.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2737005 1 MW 2:10-3:00
 R 12:10-3:00

CONCRET&STEEL CONST CON E 340 3 CR.
 PREREQ: E M 324, CREDIT OR ENROLLMNT IN CON E 322
 MATERIALS FEE \$5.00-\$50.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2741005 1 MW 9:00-9:50
 T 8:00-10:50
 2741010 2 MW 9:00-9:50
 T 8:00-10:50

MECHNCL&ELECTR SYST CON E 351 3- 4 CR.
 PREREQ: 251, PHYS 222
 FIELD TRIPS & TRAVEL FEE \$10.00-\$50.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3147005 1 MWF 10:00-10:50
 T 3:10-6:00PM
 SECTION 1 OFFERED FOR 4 CREDITS SPRING
 2005.
 3147010 2 MWF 10:00-10:50
 SECTION 2 OFFERED FOR 3 CREDITS SPRING
 2005.

ENGINEERING LAW CON E 380 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5102005 1 MW 5:10-6:30PM
 SECTION 1 RESTRICTED TO CON E MAJORS
 ONLY
 5102010 2 MW 5:10-6:30PM
 5102015 3 TR 4:10-5:30
 SECTION 3 RESTRICTED TO CON E MAJORS
 ONLY
 5102020 4 TR 4:10-5:30

ENGR INTERNSHIP CON E 397 R CR.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 8697005 ARRANGED

COOPERATIVE EDUCATN CON E 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 298, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 2738005 ARRANGED

CONSTRUCTION ENGINEERING

CONSTRUC ESTIMATING CON E 421 3 CR.
 PREREQ: 340, 245
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$50.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2734005 1 MW 3:10-4:00
 T 12:10-3:00
 2734010 2 MW 3:10-4:00
 T 12:10-3:00

CON PLAN,SCHED,CNTL CON E 441 2 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 421
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$50.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2742005 1 MF 10:00-10:50

CONSTRC ENGR DESIGN CON E 461 4 CR.
 PREREQ: 351, 380, 441, STUDENT MUST BE WITHIN 2
 SEMESTERS OF GRADUATING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$75.00
 3157005 M 9:00-9:50
 M 10:00-11:50
 WF 9:00-11:50

INDEPENDENT STUDY CON E 490 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CON E 498 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 398, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 2744005 ARRANGED

COUNSELOR EDUCATION

COUNSLG INDIVIDUL I CO ED 510 3 CR.
 PREREQ: 501, 505
 8232005 M 5:30-8:30PM

COUNSLG INDIVIDL II CO ED 515 3 CR.
 PREREQ: 501, 505
 8235005 W 5:30-8:30PM

EDUCATN CONSULTNG I CO ED 541 3 CR.
 PREREQ: 530, 535
 2458005 T 5:30-8:30PM BISIGNANO P

EDUCAT CONSULTNG II CO ED 545 3 CR.
 PREREQ: 530, 535
 2482005 R 5:30-8:30PM

SPECIAL TOPICS CO ED 590 1- 2 CR.
 PREREQ: 9 GRADUATE HOURS IN COUNSELOR ED
 COURSE RESTRICTED TO GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT CO ED 599 1- 2 CR.
 PREREQ: 9 CREDITS IN COUNSELOR EDUCATION
 COURSE RESTRICTED TO GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION

COUNSELOR EDUCATION

GRP PRACT SKIL TRNG CO ED 604A 1 CR.
 PREREQ: 591A, 591B, OR 591C; INSTRUCTOR PERMISSN
 COURSE RESTRICTED TO GRADUATE STUDENTS
 6334005 ARRANGED

PRACTCM COUNS GROUP CO ED 604B 1 CR.
 PREREQ: 591A OR 591B OR 591C; INSTRUCTOR PERMISSN
 COURSE RESTRICTED TO GRADUATE STUDENTS
 6401005 ARRANGED

ADV SPECIAL TOPICS CO ED 690 VAR. CR.
 PREREQ: 9 CREDITS IN COUNSELOR EDUCATION
 COURSE RESTRICTED TO GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CO ED 699 VAR. CR.
 PREREQ: 9 CREDITS IN COUNSELOR EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTR INSTRCTN TECHL C I 201 3 CR.
 3015035 7 TR 4:10-5:00
 W 12:10-2:00
 3015040 8 TR 4:10-5:00
 W 3:10-5:00
 3015045 9 TR 4:10-5:00
 R 8:00-9:50
 3015050 10 TR 4:10-5:00
 R 10:00-11:50
 3015055 11 TR 4:10-5:00
 R 12:10-2:00

SOC FOUND AMER EDUC C I 204 3 CR.
 6278005 1 TR 8:00-9:20
 6278010 2 TR 9:30-10:50
 6278015 3 TR 11:00-12:20
 6278020 4 TR 12:40-2:00
 6278025 5 TR 2:10-3:30
 6278030 6 TR 3:40-5:00

SOPH ORIENTATION C I 215 R CR.
 SATISFACTORY-FAIL ONLY.
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3236005 1 W 3:10-4:00

STRATEGIES IN TCHNG C I 245 2 CR.
 PREREQ: 204; HD FS 220 OR 221 OR 226 (OR
 CONCURRENT ENROLLMENT IN ONE OF THESE COURSES);
 CONCURRENT ENROLLMENT IN C I 268; ELIGIBILITY
 FOR ADMISSION TO TEACHER EDUCATION PROGRAM
 COURSE RESTRICTED TO EL ED, ECE E, ECE F MAJORS
 3238005 1 M 3:10-5:00

EXCEPTIONAL LEARNER C I 250 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3239005 1 MWF 1:10-2:00

STRATEGIES PRACTICM C I 268 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 204
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3240005 1 W 9:00-10:50
 3240010 2 W 3:10-5:00
 3240015 3 R 1:10-3:00
 3240020 4 R 3:10-5:00

EXPRNC TEACHER AIDE C I 280A 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 280A MAY BE TAKEN ALONE
 6279005 1 W 1:10-2:00
 6279010 2 F 10:00-10:50

EXP EDUCTNL CMPUTNG C I 280B 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 280A,
 TWO CREDITS BY PERMISSION ONLY
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6280005 ARRANGED

CRIMINAL JUSTICE STUDIES

AMER JUDICIAL PROC CJ ST 320 3 CR.
 PREREQ: POL S 215
 2577005 A TR 2:10-3:30
 SECTION A RESTRICTED TO POL S MAJORS ONLY.
 2577010 B TR 2:10-3:30
 SECTION B FOR MAJORS OTHER THAN POL S.

PHILOSOPHY OF LAW CJ ST 332 3 CR.
 PREREQ: PHIL 201 OR 230
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2578005 TR 2:10-3:30 KUPFER J

DEVIANT & CRIM BEHAV CJ ST 340 3 CR.
 PREREQ: SOC 130 OR 134
 2579005 A M 6:00-9:00PM

CRIMINOLOGY CJ ST 341 3 CR.
 3175005 A MWF 9:00-9:50

CRIM & JUV JUST PRAC CJ ST 460 3-12 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JR/SR CLASSIFICATION; PERMISSION OF
 CJ ST COORDINATOR; TRANSCRIPT REQUIRED UPON
 APPLICATION; MAJOR OR MINOR IN CJ ST OR SOC OR
 PSA, OR 201, 302, & 305; SOC 241 OR 340
 2581005 ARRANGED

CURRICULUM & INSTRUCTION

INTR INSTRCTN TECHL C I 201 3 CR.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$20.00
 3015005 1 TR 4:10-5:00
 M 10:00-11:50
 3015010 2 TR 4:10-5:00
 M 12:10-2:00
 3015015 3 TR 4:10-5:00
 T 8:00-9:50
 3015020 4 TR 4:10-5:00
 T 10:00-11:50
 3015025 5 TR 4:10-5:00
 T 12:10-2:00
 3015030 6 TR 4:10-5:00
 W 10:00-11:50

CURRICULUM & INSTRUCTION

CURRICULUM & INSTRUCTION

EXP TUTOR NATIVE AM C I 280C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 280A
 COLLEGE PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6281005 ARRANGED

EXP MUSEUM EDUCATN C I 280D 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 280A
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6282005 ARRANGED

EXP INTERNTL STDNT C I 280F 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 280A,
 PERMISSION OF INSTRUCTOR REQUIRED
 6284005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK,
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

EARLY FIELD EXPERNC C I 280L .5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 280A
 2843005 1 T 12:10-1:00
 M 8:30-10:50
 2843010 2 T 12:10-1:00
 M 12:30-3:00
 2843015 3 T 12:10-1:00
 T 8:30-10:50
 2843020 4 T 12:10-1:00
 W 8:30-10:50
 2843025 5 T 12:10-1:00
 R 8:30-10:50
 2843030 6 T 12:10-1:00
 R 12:30-3:00
 2843035 7 T 12:10-1:00
 F 8:30-10:50
 2843040 8 T 12:10-1:00
 F 12:30-3:00

EXP SECONDRY SCIENC C I 280M 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 280A
 8266005 MW 8:00-9:30, ARRANGED

COMPUTER IN CLASSRM C I 302 3 CR.
 PREREQ: 201 OR COM S 107
 6289005 1 TR 11:00-1:00
 NO MEETINGS FEB 15-MARCH 10

TRANSFR ORIENTATION C I 315 R CR.
 SATISFACTORY-FAIL ONLY.
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3250005 1 M 12:10-1:00

ED PSYCH YNG LEARNR C I 332 3 CR.
 PREREQ: 201, PSYCH 230 OR HD FS 102, OPEN ONLY TO
 MAJORS IN EARLY CHILDHOOD ED OR EL ED
 COURSE RESTRICTED TO EL ED, ECE E, ECE F
 MAJORS ONLY.
 2635005 T 6:10-9:00PM

EDUCATIONAL PSYCHOL C I 333 3 CR.
 PREREQ: 201, PSYCH 230 OR HD FS 102, APPLICATION
 TO THE TEACHER EDUC PROGRAM OR MAJOR IN PSYCHOLOGY
 COURSE RESTRICTED TO PSYCH, SEC ED MAJORS
 6084005 TR 2:10-3:30

RDG&LANG ARTS K-3RD C I 377 4 CR.
 PREREQ: 245,250, HD FS 226,240; ADMISSION TO
 TEACHER EDUC PROGRAM; CONCURRENT ENROLLMENT IN 448,
 468A, 468C
 MUST ENROLL IN SAME SECTION NUMBER OF 468A,
 448, AND 468C
 2066005 1 MW 9:00-11:30
 NO MEETINGS MARCH 21-APRIL 15
 2066010 2 MW 1:10-3:40
 NO MEETINGS MARCH 21-APRIL 15
 2066015 3 MW 10:00-12:30
 NO MEETINGS MARCH 21-APRIL 15.
 ECE E, ECE F STUDENTS SHOULD REGISTER
 FOR SEC 3.

RDG&LANG ARTS 4TH-6 C I 378 4 CR.
 PREREQ: 377; CONCURRENT ENRLMNT IN 449,468B,468D
 MUST ENROLL IN SAME SECTION NUMBER OF 468B,
 449, 468D
 2078005 1 TR 10:00-12:30
 NO MEETINGS FEB 15-MARCH 10
 2078010 2 TR 1:10-3:40
 NO MEETINGS FEB 15-MARCH 10
 2078015 3 TR 8:00-10:30
 NO MEETINGS FEB 15-MARCH 10
 2078020 4 TR 11:00-1:30
 NO MEETINGS FEB 15-MARCH 10

MID&SEC SCH READING C I 395 3 CR.
 PREREQ: 204
 9656005 TR 8:00-9:20

ADV INTERACTV MEDIA C I 403 3 CR.
 PREREQ: 302
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6291005 TR 3:10-5:00
 NO MEETINGS FEB 15-MARCH 10

APPLC INTERNET EDUC C I 405 3 CR.
 PREREQ: 201
 7352005 TR 1:10-3:00
 NO MEETINGS FEB 15-MARCH 10

MULTICULT GENDER ED C I 406 3 CR.
 PREREQ: 201, 333, JUNIOR CLASSIFICATION,
 ADMISSION TO TEACHER EDUCATION PROGRAM
 MEETS U.S. DIVERSITY REQMT.
 6292005 1 MW 12:10-1:30
 6292010 2 MW 9:00-10:20
 6292015 3 TR 9:30-10:50
 6292020 4 TR 11:00-12:20
 6292025 5 TR 12:40-2:00

SENIOR SEMINAR C I 415 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, ADMITTED TO TEACHER
 EDUCATION PROGRAM, CONCURRENT ENROLLMENT IN 426
 MUST TAKE CONCURRENTLY WITH 426 OR 526
 6290005 A ARRANGED

CURRICULUM & INSTRUCTION

CURRICULUM & INSTRUCTION

STUDNT TCHG PRIMARY C I 416A VAR. CR.
 PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION; SENIOR CLASSIFICATION; 201, 378, 443,
 448, 449; RESERVATION REQUIRED
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5054005 ARRANGED

STDT TCHG INTMEDIAT C I 416B VAR. CR.
 PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION; SENIOR CLASSIFICATION; 201, 378, 443,
 448, 449; RESERVATION REQUIRED
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5056005 ARRANGED

STDNT TCHG FOR LANG C I 416C VAR. CR.
 PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION; SENIOR CLASSIFICATION; 201, 378, 443,
 448, 449; RESERVATION REQUIRED
 PROFESSIONAL SUPPORT FEE \$50.00-\$100.00
 5057005 ARRANGED

STDT TCHG INT'L K-3 C I 416D VAR. CR.
 PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION; SENIOR CLASSIFICATION; 201, 378, 443,
 448, 449; RESERVATION REQUIRED
 5053005 ARRANGED
 MARCH 7-MAY 6

INT'L STDT TCHG 4-6 C I 416E VAR. CR.
 PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION; SENIOR CLASSIFICATION; 201, 378, 443,
 448, 449; RESERVATION REQUIRED
 6824005 ARRANGED
 MARCH 7-MAY 6

STUDNT TCH SOC STDI C I 417A VAR. CR.
 PREREQ: C I 493; ADMISSION TO TEACHER EDUC;
 APPROVAL OF COORD DURING SEM BEFORE STUDENT TCHG
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 9043005 1 ARRANGED
 SECT 1:JAN 10-APRIL 8
 SECTION 1 OFFERED FOR 12 CREDITS
 9043010 2 ARRANGED
 SECT 2:FEB 7-MAY 6
 SECTION 2 OFFERED FOR 12 CREDITS
 9043015 3 ARRANGED
 SECTION 3 OFFERED FOR 8 CREDITS.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDNT TCH PHYS SCI C I 417B VAR. CR.
 PREREQ: C I 419; ADMISSION TO TEACHER EDUC;
 APPROVAL OF COORD DURING SEM BEFORE STUDENT TCHG
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 9044005 1 ARRANGED
 SECT 1:JAN 10-APRIL 8
 SECTION 1 OFFERED FOR 12 CREDITS
 9044010 2 ARRANGED
 SECT 2:FEB 7-MAY 6
 SECTION 2 OFFERED FOR 12 CREDITS
 9044015 3 ARRANGED
 SECTION 3 OFFERED FOR 8 CREDITS.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS

STUDNT TCH PHYS SCI C I 417B VAR. CR.
 APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDNT TEACHNG MATH C I 417C VAR. CR.
 PREREQ: MATH 497; ADMISSION TO TEACHER EDUC;
 APPROVAL OF COORD DURING SEM BEFORE STUDENT TCHG
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 9045005 1 ARRANGED
 SECT 1:JAN 10-APRIL 8
 SECTION 1 OFFERED FOR 12 CREDITS
 9045010 2 ARRANGED
 SECT 2:FEB 7-MAY 6
 SECTION 2 OFFERED FOR 12 CREDITS
 9045015 3 ARRANGED
 SECTION 3 OFFERED FOR 8 CREDITS.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDNT TCH BIOL SCI C I 417D VAR. CR.
 PREREQ: C I 419; ADMISSION TO TEACHER EDUC;
 APPROVAL OF COORD DURING SEM BEFORE STUDENT TCHG
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 9046005 1 ARRANGED
 SECT 1:JAN 10-APRIL 8
 SECTION 1 OFFERED FOR 12 CREDITS
 9046010 2 ARRANGED
 SECT 2:FEB 7-MAY 6
 SECTION 2 OFFERED FOR 12 CREDITS
 9046015 3 ARRANGED
 SECTION 3 OFFERED FOR 8 CREDITS.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDNT TCH ENGL&LIT C I 417E VAR. CR.
 PREREQ: ENGL 494; ADMISSION TO TEACHER EDUC;
 APPROVAL OF COORD DURING SEM BEFORE STUDENT TCHG
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 9047005 1 ARRANGED
 SECTION 1 OFFERED FOR 12 CREDITS
 9047010 2 ARRANGED
 SECT 2:JAN 10-MARCH 4
 SECTION 2 OFFERED FOR 12 CREDITS
 9047015 3 ARRANGED
 SECT 3:FEB 7-MAY 6
 SECTION 3 OFFERED FOR 8 CREDITS.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDNT TEACH SPEECH C I 417F VAR. CR.
 PREREQ: SP CM 495B; ADMISSION TO TEACHER EDUC;
 APPROVAL OF COORD DURING SEM BEFORE STUDENT TCHG
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 9048005 1 ARRANGED
 SECT 1:JAN 10-APRIL 8
 SECTION 1 OFFERED FOR 12 CREDITS
 9048010 2 ARRANGED
 SECT 2:FEB 7-MAY 6
 SECTION 2 OFFERED FOR 12 CREDITS
 9048015 3 ARRANGED
 SECTION 3 OFFERED FOR 8 CREDITS.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

CURRICULUM & INSTRUCTION

CURRICULUM & INSTRUCTION

STUDNT TCH FRN LANG C I 417G VAR. CR.
 PREREQ: C I/F LNG 487; ADMISSION TO TEACHER EDUC;
 APPROVAL OF COORD DURING SEM BEFORE STUDENT TCHG
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 9049005 1 ARRANGED
 SECT 1:JAN 10-APRIL 8
 SECTION 1 OFFERED FOR 12 CREDITS
 9049010 2 ARRANGED
 SECT 2:FEB 7-MAY 6
 SECTION 2 OFFERED FOR 12 CREDITS
 9049015 3 ARRANGED
 SECTION 3 OFFERED FOR 8 CREDITS.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDNT TCH EARTH SC C I 417J VAR. CR.
 PREREQ: C I 419; ADMISSION TO TEACHER EDUC;
 APPROVAL OF COORD DURING SEM BEFORE STUDENT TCHG
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 9051005 1 ARRANGED
 SECT 1:JAN 10-APRIL 8
 SECTION 1 OFFERED FOR 12 CREDITS
 9051010 2 ARRANGED
 SECT 2:FEB 7-MAY 6
 SECTION 2 OFFERED FOR 12 CREDITS
 9051015 3 ARRANGED
 SECTION 3 OFFERED FOR 8 CREDITS.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDENT TCH SEC MUS C I 417K VAR. CR.
 PREREQ: MUSIC 466; ADMISSION TO TEACHER EDUC;
 APPROVAL OF COORD DURING SEM BEFORE STUDENT TCHG
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 9052005 1 ARRANGED
 SECT 1:JAN 10-APRIL 8
 SECTION 1 OFFERED FOR 12 CREDITS
 9052010 2 ARRANGED
 SECT 2:FEB 7-MAY 6
 SECTION 2 OFFERED FOR 12 CREDITS
 9052015 3 ARRANGED
 SECTION 3 OFFERED FOR 8 CREDITS.

STUDNT TCH ELEM MUS C I 417L VAR. CR.
 PREREQ: MUSIC 466; ADMISSION TO TEACHER EDUC;
 APPROVAL OF COORD DURING SEM BEFORE STUDENT TCHG
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 9053005 1 ARRANGED
 SECT 1:JAN 10-APRIL 8
 SECTION 1 OFFERED FOR 12 CREDITS
 9053010 2 ARRANGED
 SECT 2:FEB 7-MAY 6
 SECTION 2 OFFERED FOR 12 CREDITS
 9053015 3 ARRANGED
 SECTION 3 OFFERED FOR 8 CREDITS.

STUDNT TCH BASIC SCI C I 417M VAR. CR.
 PREREQ: C I 419; ADMISSION TO TEACHER EDUC;
 APPROVAL OF COORD DURING SEM BEFORE STUDENT TCHG
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 9054005 1 ARRANGED
 SECT 1:JAN 10-APRIL 8
 SECTION 1 OFFERED FOR 12 CREDITS
 9054010 2 ARRANGED
 SECT 2:FEB 7-MAY 6
 SECTION 2 OFFERED FOR 12 CREDITS

STDNT TCH BASIC SCI C I 417M VAR. CR.
 9054015 3 ARRANGED
 SECTION 3 OFFERED FOR 8 CREDITS.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SECNDY SCI METHD II C I 419 2 CR.
 PREREQ: 280M,247,392; CONCURRENT ENROLLMT IN 468K
 9019005 M 5:10-8:00PM
 CONCURRENT ENROLLMENT IN 468K REQUIRED.

PRINCIPLS SECNDY ED C I 426 3 CR.
 PREREQ: 201, SR CLASSIFICATION, ADMITTED TO
 TEACHER EDUC PROGRAM, CONCURRENT ENROLLMENT IN 415
 MUST TAKE CONCURRENTLY WITH 415
 6293005 A W 5:10-8:00PM
 6293010 B W 5:10-8:00PM

SOC STDS PRIM GRADE C I 433 2 CR.
 PREREQ: 367, HD FS 221; CONCURRENT ENROLLMENT
 IN 438, 439, SP ED 355, 455
 4487005 1 MW 1:10-2:25
 NO MEETINGS FEB 15-MARCH 10

MATH IN PRIMRY GRDS C I 438 2 CR.
 PREREQ: 367, HD FS 221; MATH 195; CONCURRENT
 ENROLLMENT IN 433, 439, 468G, SP ED 355, 455
 TAKE CONCURRENTLY WITH C I 468G,468I,
 SP ED 355,455. REGISTER FOR THE SAME SECTION
 NUMBERS. REGISTER FOR SECTION 5 OR 6 OF 449.
 4489005 1 MW 3:10-4:25
 NO MEETINGS FEB 15-MARCH 10

SCI IN PRIMARY GRDS C I 439 2 CR.
 PREREQ: 367, HD FS 221; CONCURRENT ENROLLMENT IN
 433, 438, 468I, SP ED 455
 REGISTER FOR SAME SECTION OF C I 433, C I 438 AND
 SP ED 355, SP ED 455.
 4491005 1 TR 4:10-5:25
 NO MEETINGS FEB 15-MARCH 10
 4491010 2 TR 4:10-5:25

TCHG OF SOC STUDIES C I 443 3 CR.
 PREREQ: 377
 COURSE RESTRICTED TO EL ED, ECE E & ECE F
 MAJORS ONLY.
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3258005 1 TR 8:00-9:50
 NO MEETINGS FEB 15-MARCH 10
 3258010 2 TR 11:00-12:50
 NO MEETINGS FEB 15-MARCH 10

TCHNG CHILDREN MATH C I 448 3 CR.
 PREREQ: MATH 195, 196, CONCURRENT ENROLLMENT IN
 C I 377, 468A, 468C
 COURSE RESTRICTED TO EL ED MAJORS ONLY.
 MUST ENROLL IN SAME SECTION NUMBER OF 377,468A,
 468C
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3260005 1 MW 1:10-3:00
 NO MEETINGS MARCH 21-APRIL 15
 3260010 2 MW 10:00-11:50
 NO MEETINGS MARCH 21-APRIL 15

CURRICULUM & INSTRUCTION

CURRICULUM & INSTRUCTION

TEACHING OF SCIENCE C I 449 3 CR.

PREREQ: 377, CONCURRENT ENROLLMENT IN 378, 468B
468D, JUNIOR CLASSIFICATION
COURSE RESTRICTED TO EL ED MAJORS ONLY.
MUST ENROLL IN SAME SECTION NUMBER OF 468B, 378,
468D.

DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

3261005 1 TR 8:00-9:50
NO MEETINGS FEB 16-MARCH 10
3261010 2 TR 10:00-11:50
NO MEETINGS FEB 16-MARCH 10
3261015 3 TR 12:10-2:00
NO MEETINGS FEB 16-MARCH 10
3261020 4 TR 2:10-4:00
NO MEETINGS FEB 15-MARCH 10

RDNG&LANGUAG TCHNOL C I 456 3 CR.

PREREQ: 201, 377
DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
3257005 T 5:10-8:00PM

PRA PRIMRY RDG&LANG C I 468A 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
RESTRICTED TO EL ED MAJORS ONLY. TAKE
CONCURRENTLY WITH C I 377 AND 448 AND 468C. MUST
ENROLL IN SAME SECTION 377 AND 448 AND 468C
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$43.75

DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

3265005 1 MW 7:30-4:30
SECT 1:MARCH 21-APRIL 13

PRA RDG&LANG INTRMD C I 468B 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
COURSE RESTRICTED TO EL ED MAJORS ONLY.
TAKE CONCURRENTLY WITH C I 378, 449, 468D.
MUST ENROLL IN THE SAME SECTION NUMBERS OF 378,
449, 468D.

PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$43.75

DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

3266005 1 TR 7:30-4:30
SECT 1:FEB 15-MARCH 10

TCHG PRACTICUM MATH C I 468C 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2005.

COURSE RESTRICTED TO EL ED MAJORS ONLY. TAKE
CONCURRENTLY WITH 377, 448, AND 468D.
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$43.75

DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

3267005 1 MW 7:30-4:30
SECT 1:MARCH 21-APRIL 13

TCHNG PRACTICUM SCI C I 468D 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2005.
RESTRICTED TO EL ED MAJORS ONLY. TAKE CONCURRENTLY
WITH 378,449,468B. REGISTER FOR SAME SECTION
NUMBERS.

PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$43.75

DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

3268005 1 TR 7:30-4:30
SECT 1:FEB 15-MARCH 10

PRA PMRY LITRCY INC C I 468F 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$50.00

4518005 1 MW 7:30-12:30
SECT 1:FEB 14-MARCH 9

PRA PRMRY MATH INCL C I 468G 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
TAKE CONCURRENTLY WITH C I 438, 489, 468I, AND
SP ED 355, 455. COURSE RESTRICTED TO EL ED, ECE E,
ECE F MAJORS. REGISTER FOR THE SAME SECTION NUMBERS.
PROFESSIONAL SUPPORT AND FIELD TRIPS &

TRAVEL FEE \$43.75
4524005 1 MW 7:30-4:30
SECT 1:FEB 16-MARCH 9

PRA PRIMRY SCI INCL C I 468I 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
TAKE CONCURRENTLY WITH C I 438, 489, 468G, AND
SP ED 355, 455. REGISTER FOR THE SAME SECTION
NUMBERS.

PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$43.75

4528005 1 MW 7:30-4:30
SECT 1:FEB 16-MARCH 9

PRACTICM SEC SCI II C I 468K 2 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: 245, 250, 268; ADMISSION TO TEACHER EDUC
CONCURRENT ENROLLMENT IN C I 419 REQUIRED.

PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$50.00
8223005 ARRANGED

FLD EXP TCH HISTORY C I 480A .5- 2 CR.

COURSE ONLY OFFERED FOR 1-2 CREDITS SPRING 2005.
9055005 ARRANGED

FIELD EXP TCHG MATH C I 480C .5- 2 CR.

COURSE ONLY OFFERED FOR 1-2 CREDITS SPRING 2005
9057005 ARRANGED

SPRVSD TUTOR READNG C I 488 3 CR.

PREREQ: 416 OR LAS 417
5255005 1 S 9:00-1:00, ARRANGED
SECT 1:JAN 15-APRIL 30
MEETS EIGHT SATURDAYS 9-1, PLUS ARRANGED

TUTORING

JAN 15,22,29, FEB 5, MARCH 5, APRIL
2,23,30.

CURRICULUM & INSTRUCTION

CURRICULUM & INSTRUCTION

INDEP STUDY EDUCATN C I 490A VAR. CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD VOC-ED GUID C I 490B 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD CURR CONSTR C I 490C 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STD PRIN EDUC C I 490D 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STD METH TCHG C I 490E 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY EDUC PSYCH C I 490F 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD INST TCHNOL C I 490G 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS C I 490H 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 MEMBERSHIP IN UNIV HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STD EDUC STAT C I 490I 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD MULTICUL ED C I 490J 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD LITERACY ED C I 490L 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STD MATH EDUC C I 490M 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY FOUND EDUC C I 490O 1- 3 CR.
 PREREQ: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

METHS TCHG HIST/SOC C I 493 3 CR.
 1057005 1 R 12:40-3:30

TEACH LIT SECONDARY C I 494 3 CR.
 PREREQ: 310,392,394, 9 OTHER CR IN ENGL BEYOND
 105, PSYCH 333, ADMISSION TO TEACHER EDUC PROGRAM
 6305005 A TR 2:10-3:30

DESIGN&DEVELP MEDIA C I 502 2- 4 CR.
 PREREQ: 501; GRADUATE CLASSIFICATION
 COURSE OFFERED FOR 2 CREDITS S05
 2793005 T 4:10-6:00PM

INTR TECHN IN TEACH C I 505 2 CR.
 PREREQ: GRADUATE CLASSIFICATION
 BLEND OF ON-LINE AND FACE-TO-FACE. TWO ON-CAMPUS
 SAT. MEETINGS REQUIRED. INSTRUCTOR PERMISSION
 REQUIRED- ANN THOMPSON 294-5287 OR EAT@IASTATE.EDU
 2796005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

GEOMETRY K-12 CLSRM C I 509 3 CR.
 PREREQ: 448, 497, OR GRADUATE STATUS
 4446005 1 R 5:10-8:00PM

TCHNOLOGY DIFFUSION C I 511X 3 CR.
 PREREQ: ADMISSION TO GRADUATE STUDY
 8373005 M 5:10-8:00PM

MATH PROB SOLV K-12 C I 513X 3 CR.
 PREREQ: 448 OR 497, 6 CR OF MATH, INSTR PERMISSN
 6988005 T 5:10-8:00PM

ACTION RESEARCH C I 515X 3 CR.
 PREREQ: ADMISSION TO GRADUATE STUDY, ONE COURSE
 IN RESEARCH METHODS OR STATISTICS
 1901005 W 5:10-8:00PM

ANTIRACIST CURR DEV C I 516 3 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 6314005 M 6:00-9:00PM

SECNDY SCI METHD II C I 519X 2 CR.
 PREREQ: 518X AND 547
 8368005 M 5:10-8:00PM

PRIN SECONDARY EDUC C I 526 3 CR.
 PREREQ: 6 CREDITS IN EDUCATION
 7724005 A W 5:10-8:00PM
 MUST TAKE CONCURRENTLY WITH CI 415

BIOTECHNLOGY ETHICS C I 530X 1 CR.
 PREREQ: MUST BE EXTENSION PERSONNEL OR A
 LICENSED K-12 TEACHER IN IOWA, MINNESOTA, WISCONSIN,
 NORTH OR SOUTH DAKOTA. OR BY INSTRUCTOR PERMISSION.
 7879005 MW 4:30-6:00PM

EDUC PSYCH LEARNING C I 533 3 CR.
 PREREQ: 333 OR TEACHER LICENSURE
 4363005 MW 4:30-6:00PM

APP MEASRMT ED PSYC C I 534X 3 CR.
 PREREQ: STAT 401 OR RESEV 552
 7759005 T 4:30-6:00PM
 ARRANGED

ADV PEDAG SCIENC ED C I 546 3 CR.
 PREREQ: BACHELOR'S DEGREE
 3527005 M 6:00-9:00PM

CURRICULUM & INSTRUCTION

CURRICULUM & INSTRUCTION

CORRECTIVE READING C I 552 3 CR.
 PREREQ: ONE COURSE IN READING
 3276005 R 5:30-8:30PM

TCHNOL IN READ&LANG C I 556 3 CR.
 PREREQ: TEACHING LICENSE
 1285005 W 5:10-8:00PM

EDUC BLACKS IN U.S. C I 578X 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 7784005 W 1:10-4:00

SUPVS TUTOR READING C I 588 3 CR.
 PREREQ: 552
 9245005 1 S 9:00-1:00, ARRANGED
 SECT 1:JAN 15-APRIL 30
 MEETS EIGHT SATURDAYS 9-1, PLUS ARRANGED

TUTORING
 JAN 15,22,29, FEB 5, MARCH 5, APRIL 2,
 23 AND 30.

SPCL TOP CURRICULUM C I 590A 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTR TECHNO C I 590B 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP SCIENCE EDUC C I 590C 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS SEC EDUC C I 590D 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ENVIRON EDUC C I 590E 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP MULTICULT ED C I 590F 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS MATH EDUC C I 590G 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS ELEM ED C I 590I 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FOREIGN LNG C I 590J 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EDUC PSYCH C I 590K 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LITERACY ED C I 590M 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FOREIG LANG C I 591B 1- 6 CR.
 PREREQ: 15 GRADUATE CREDITS IN SPECIAL AREA
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$25.00
 8128005 1 ARRANGED

FIELD EXP ELEM EDUC C I 591C 1- 6 CR.
 PREREQ: 15 GRADUATE CREDITS IN SPECIAL AREA
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$25.00
 8489005 1 ARRANGED

FIELD EXP SECOND ED C I 591D 1- 6 CR.
 PREREQ: 15 GRADUATE CREDITS IN SPECIAL AREA
 COURSE OFFERED FOR 2 CREDITS SPRING 2005.
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$25.00
 5058005 ARRANGED

INSTR TECHNOL WKSHP C I 593B 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 2811005 R 5:10-7:00PM
 COURSE OFFERED FOR 2 CREDITS S05.
 TOPIC: DESIGNING INSTRUCTION WITH THE
 CONCEPT OF
 SELF MANAGED LEARNING

SCIENCE EDUC WKSHOP C I 593C 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2005.
 PERMISSION OF INSTRUCTOR REQUIRED TO ADD. PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL.
 2812005 R 5:10-7:00PM

TCHG READG MIDL&SEC C I 595 3 CR.
 PREREQ: BACHELOR'S DEGREE IN ENGLISH, ACCEPTANCE
 TO MASTER OF ARTS PROGRAM IN ENGLISH
 2932005 TR 8:00-9:20

CURRIC PROB&INQUIRY C I 596 3 CR.
 PREREQ: 594
 MEETS FEB 12, MARCH 5,26, APRIL 9,23 & ARRANGED
 2817005 S 10:00-4:00, ARRANGED
 FEB 12-APRIL 23

CRTV COMP CURRICULUM C I 599A 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP INSTR TCHNL C I 599B 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRT COMP SCIENCE ED C I 599C 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP SECNDR ED C I 599D 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURRICULUM & INSTRUCTION

CURRICULUM & INSTRUCTION

CRT COMP ENVIRON ED C I 599E 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP MULTICUL ED C I 599F 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP MATH EDUC C I 599G 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPON ELEM ED C I 599I 1- 3 CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMNR INSTR TECHNOL C I 615B 1 CR.
 BLEND OF ON-LINE AND FACE-TO-FACE. TWO ON-CAMPUS
 SAT. MEETINGS REQUIRED. INSTRUCTOR PERMISSION
 REQUIRED-DENISE SCHIMIDT 294-9141 OR
 DSCHMIDT@IASTATE
 .EDU
 5264005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SEMINAR SCIENCE ED C I 615C 1 CR.
 5268005 T 4:10-5:00

SEM MULTICULTURL ED C I 615F 1 CR.
 4563005 T 4:10-5:00

ADV SPCL TOP CURRIC C I 690A VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP INS TCH C I 690B VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SCI ED C I 690C VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SEC ED C I 690D VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP ENVR ED C I 690E VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MLTICUL C I 690F VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP ED PSYC C I 690K VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LITERACY ED C I 690M VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CURRICULUM C I 699A VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES INSTRUC TECHNOL C I 699B VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SCIENCE EDUC C I 699C VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH SECNDRY EDUC C I 699D VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES ENVIRONMENTL ED C I 699E VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MULTICULTURL ED C I 699F VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MATH EDUC C I 699G VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH ELEM EDUC C I 699I VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH EDUC PSYCHOL C I 699K VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH LITERACY ED C I 699M VAR. CR.
 PREREQ: 9 GRADUATE CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

CZECH

ELEMENTARY CZECH II CZECH 102X 4 CR.
 PREREQ: 101X
 INSTRUCTION RECEIVED VIA ELECTRONIC TECHNOLOGY,
 PLUS EXTENSIVE USE OF DIGITAL MATERIALS/INTERNET.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8019005 TR 11:30-12:45
 ARRANGED

DANCE

MODERN DANCE I DANCE 120 1 CR.
 SATISFACTORY-FAIL ONLY.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$20.00
 2838005 1 MW 2:10-3:30
 2838010 2 MW 11:00-12:20

BALLET I DANCE 130 1 CR.
 SATISFACTORY-FAIL ONLY.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$20.00
 2839005 1 TR 12:40-2:00

DANCE

DANCE

JAZZ I DANCE 140 1 CR.
 SATISFACTORY-FAIL ONLY.
 2840005 1 TR 2:10-3:30

BALLROOM DANCE I DANCE 160 1 CR.
 SATISFACTORY-FAIL ONLY.
 2842005 1 TR 10:00-10:50
 SECTION 1 FOR MEN ONLY. MEETS WITH

SECTION 2
 2842010 2 TR 10:00-10:50
 SECTION 2 FOR WOMEN ONLY. MEETS WITH

SECTION 1
 2842015 3 TR 11:00-11:50
 SECTION 3 FOR MEN ONLY. MEETS WITH

SECTION 4
 2842020 4 TR 11:00-11:50
 SECTION 4 FOR WOMEN ONLY. MEETS WITH

SECTION 3

DANCE CONTINUUM DANCE 199 .5- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: INSTRUCTOR PERMISSION, ADVANCE
 REGISTRATION REQUIRED
 COURSE ONLY OFFERED FOR 1-2 CREDITS SPRING 2005
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2845005 1 ARRANGED

FUND SOCIAL&WORLD D DANCE 211 2 CR.
 PREREQ: HHP TEACHER ED PROGRAM ADMISSIBLE
 COURSE RESTRICTED TO EX SP MAJORS ONLY
 9612005 1 MWF 10:00-10:50

MODERN DANCE II DANCE 222 1 CR.
 PREREQ: 120 OR PREVIOUS MODERN DANCE EXPERIENCE
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$20.00
 2847005 1 MW 4:10-5:30

CONCERT&THTRE DANCE DANCE 224 .5- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: BY AUDITION ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2849005 1 ARRANGED
 SECTION 1 OFFERED FOR .5 CREDIT ONLY

2849010 2 ARRANGED
 SECTION 2 OFFERED FOR 1 CREDIT ONLY

2849015 3 ARRANGED
 SECTION 3 OFFERED FOR 2 CREDITS ONLY

BALLET II DANCE 232 1 CR.
 PREREQ: PREVIOUS BALLET EXPERIENCE
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$20.00
 2850005 1 MW 2:10-3:30

JAZZ II DANCE 242 1 CR.
 PREREQ: PREVIOUS JAZZ DANCE EXPERIENCE
 2852005 1 TR 3:40-5:00

DANCE APPRECIATION DANCE 270 3 CR.
 2855005 1 MWF 1:10-2:00

SOUND AND MOVEMENT DANCE 320 3 CR.
 PREREQ: 220
 2856005 1 TR 2:10-3:30

ADV STUDIES DANCE DANCE 370 1- 3 CR.
 PREREQ: 2 CR IN DANCE, ADVANCE REGISTRATION REQ'D
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2858005 1 ARRANGED

TCHG CHLDRN'S DANCE DANCE 384 2 CR.
 2859005 1 MW 11:00-12:30

INDEPENDENT STUDY DANCE 490 1- 3 CR.
 PREREQ: 6 CR IN DANCE, PERMISSION OF COORDINATOR
 COURSE ONLY OFFERED FOR 1-3 CREDITS SPRING 2005
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

DESIGN STUDIES

LEARNING LAB DSN S 102X 4 CR.
 ODD-NUMBERED SECTIONS RESTRICTED TO COLLEGE OF
 DESIGN MAJORS. EVEN-NUMBERED SECTIONS RESTRICTED TO
 COLLEGES OTHER THAN DESIGN.

8050015 3 MW 8:00-10:50
 F 3:10-4:00

8050025 5 MW 11:00-2:00
 F 3:10-4:00

8050030 6 MW 11:00-2:00
 F 3:10-4:00

8050035 7 MW 11:00-2:00
 F 3:10-4:00

8050045 9 MW 11:00-2:00
 F 3:10-4:00

8050055 11 MW 2:10-5:00
 F 3:10-4:00

8050065 13 MW 2:10-5:00
 F 3:10-4:00

8050070 14 MW 2:10-5:00
 F 3:10-4:00

8050075 15 MW 2:10-5:00
 F 3:10-4:00

8050085 17 TR 8:00-10:50
 F 3:10-4:00

8050090 18 TR 8:00-10:50
 F 3:10-4:00

8050095 19 TR 8:00-10:50
 F 3:10-4:00

8050105 21 TR 8:00-10:50
 F 3:10-4:00

8050115 23 TR 11:00-2:00
 F 3:10-4:00

8050125 25 TR 11:00-2:00
 F 3:10-4:00

8050130 26 TR 11:00-2:00
 F 3:10-4:00

8050135 27 TR 11:00-2:00
 F 3:10-4:00

8050145 29 TR 2:10-5:00
 F 3:10-4:00

8050155 31 TR 2:10-5:00
 F 3:10-4:00

8050165 33 TR 2:10-5:00
 F 3:10-4:00

8050170 34 TR 2:10-5:00
 F 3:10-4:00

8050175 35 MW 8:00-10:50
 F 3:10-4:00

DESIGN STUDIES

DESIGN STUDIES

LEARNING LAB DSN S 102X 4 CR.
 8050185 37 MW 8:00-10:50
 F 3:10-4:00

DESGN EXCH SEMIN II DSN S 111 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: MEMBER OF DESIGN EXCHANGE LEARN COMMUNITY
 COURSE RESTRICTED TO COLLEGE OF DESIGN STUDENTS.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$55.00-\$80.00
 7658005 1 T 6:00-7:30PM GANSEMER-TOPF A

FOUNDATION DRAWING DSN S 131X 4 CR.
 ODD-NUMBERED SECTIONS RESTRICTED TO COLLEGE OF
 DESIGN MAJORS. EVEN-NUMBERED SECTIONS RESTRICTED TO
 COLLEGES OTHER THAN DESIGN.
 MATERIALS FEE \$5.00

2124005 1 MWF 8:00-9:50
 TR 3:40-5:00

2124010 2 MWF 8:00-9:50
 TR 3:40-5:00

2124015 3 MWF 8:00-9:50
 TR 3:40-5:00

2124025 5 MWF 8:00-9:50
 TR 3:40-5:00

2124035 7 MWF 10:00-11:50
 TR 3:40-5:00

2124045 9 MWF 8:00-9:50
 TR 3:40-5:00

2124055 11 MWF 10:00-11:50
 TR 3:40-5:00

2124065 13 MWF 10:00-11:50
 TR 3:40-5:00

2124075 15 MWF 12:10-2:00
 TR 3:40-5:00

2124080 16 MWF 12:10-2:00
 TR 3:40-5:00

2124085 17 MWF 12:10-2:00
 TR 3:40-5:00

2124090 18 MWF 12:10-2:00
 TR 3:40-5:00

2124105 21 MWF 12:10-2:00
 TR 3:40-5:00

2124115 23 MWF 2:10-4:00
 TR 3:40-5:00

2124120 24 MWF 2:10-4:00
 TR 3:40-5:00

2124125 25 MWF 2:10-4:00
 TR 3:40-5:00

2124130 26 MWF 2:10-4:00
 TR 3:40-5:00

2124135 27 MWF 10:00-11:50
 TR 3:40-5:00

2124145 29 MWF 2:10-4:00
 TR 3:40-5:00

2124155 31 TR 8:00-10:50
 TR 3:40-5:00

2124160 32 TR 8:00-10:50
 TR 3:40-5:00

2124165 33 TR 8:00-10:50
 TR 3:40-5:00

2124175 35 TR 8:00-10:50
 TR 3:40-5:00

2124185 37 TR 11:00-2:00
 TR 3:40-5:00

2124195 39 TR 11:00-2:00
 TR 3:40-5:00

FOUNDATION DRAWING DSN S 131X 4 CR.
 2124205 41 MWF 12:10-2:00
 TR 3:40-5:00

INTRO TO DSN CULTRE DSN S 183X 3 CR.
 MATERIALS FEE \$10.00-\$25.00
 5945005 1 TR 11:00-12:30
 SECTION 1 FOR MAJORS OTHER THAN COLLEGE
 OF DESIGN
 5945010 2 TR 11:00-12:30
 SECTION 2 RESTRICTED TO DESIGN COLLEGE
 MAJORS

HIST WESTERN ARC II DSN S 222 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.

2150005 1 MW 9:00-9:50
 F 9:00-9:50

2150010 2 MW 9:00-9:50
 F 9:00-9:50

2150015 3 MW 9:00-9:50
 F 9:00-9:50

2150020 4 MW 9:00-9:50
 F 9:00-9:50

2150025 5 MW 9:00-9:50
 F 10:00-10:50

2150030 6 MW 9:00-9:50
 F 10:00-10:50

2150035 7 MW 9:00-9:50
 F 10:00-10:50

2150040 8 MW 9:00-9:50
 F 10:00-10:50

FORCES SHAP METRO E DSN S 270 3 CR.
 MEETS U.S. DIVERSITY REQMT.

3863005 A MWF 1:10-2:00 BRADBURY S
 3863010 B MWF 1:10-2:00 JESKE K
 SECTION B RESTRICTED TO C R P MAJORS

SOCIAL&BEHAV LNDSACP DSN S 274 3 CR.
 FIELD TRIPS & TRAVEL FEE \$15.00-\$25.00
 MEETS U.S. DIVERSITY REQMT.

3041005 1 TR 12:40-2:00
 SEC 1 RESTRICTED TO L A MAJORS ONLY

3041010 2 TR 12:40-2:00
 SEC 2 FOR MAJORS OTHER THAN L A

HISTORY OF ART II DSN S 281 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.

2637005 TR 12:40-2:00

STDY ABRD PREP SEMN DSN S 301 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR

7396005 1 M 7:30-8:30PM
 SEC 1 RESTRICTED TO ART & DESIGN MAJORS
 ONLY.
 -PREPARATORY FOR FALL STUDY ABROAD

7396010 2 M 6:30-7:30PM
 SEC 2 RESTRICTED TO THE COLLEGE OF
 DESIGN
 STUDENTS-PREPARATORY FOR SUMMER STUDY
 ABROAD

URBAN FORM DSN S 320 3 CR.
 8078005 MWF 1:10-2:00 OWUSU F
 SECTION INFO:
<http://www.public.iastate.edu/%7efowusu/cour>

DESIGN STUDIES

DESIGN STUDIES

SOLAR HOME DESIGN DSN S 351 3 CR.
 PREREQ: ARCH 202
 FIELD TRIPS & TRAVEL FEE \$10.00
 2152005 R 7:00-9:40PM

LAND ARC HIST 1800- DSN S 371 3 CR.
 4697005 1 TR 9:30-10:50
 SECTION 1 RESTRICTED TO L A MAJORS ONLY
 4697010 2 TR 9:30-10:50
 SECTION 2 FOR MAJORS OTHER THAN L A

RENAISSANCE ART DSN S 385 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2668005 TR 11:00-12:20

PLAN DEVE COUNTRIES DSN S 429 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 3990005 TR 3:40-5:00 OWUSU F
 SECTION INFO:

<http://www.public.iastate.edu/%7efowusu/cour>

SITE ANALYS&DEV DES DSN S 442 3 CR.
 PREREQ: C R P 253, 272
 3963005 T 6:10-9:00PM

INTERDIS DSN STUDIO DSN S 446 4- 6 CR.
 PREREQ: JR CLASSIFICATION IN A CURRICULUM IN
 THE COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 6 CREDITS SPRING 2005.
 RESTRICTED TO DESIGN COLLEGE JUNIORS AND SENIORS.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$40.00-\$400.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2871005 ARRANGED

HOUSING THE AGING DSN S 463 3 CR.
 PREREQ: 360 OR 3 CREDITS IN HOUS, ARCH,
 INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
 FIELD TRIPS & TRAVEL FEE \$10.00
 MEETS U.S. DIVERSITY REQMT.
 4720005 TR 11:00-12:20

PRESERVATN &REHABTN DSN S 467 3 CR.
 PREREQ: SENIOR CLASSIFICATION
 FIELD TRIPS & TRAVEL FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2155005 1 TR 9:30-10:50
 SECTION 1 RESTRICTED TO ARC, ARCH MAJORS
 2155010 2 TR 9:30-10:50
 SECTION 2 FOR MAJORS OTHER THAN ARC,

ARCH

TOPIC LANDSC DESIGN DSN S 478A 2- 3 CR.
 PREREQ: 371 OR SENIOR CLASSIF OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8278005 ARRANGED

TOPIC PLANTNG DSIGN DSN S 478B 2- 3 CR.
 PREREQ: 371 OR SENIOR CLASSIF OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8279005 ARRANGED

TOPIC CONSTRUCTION DSN S 478C 2- 3 CR.
 PREREQ: 371 OR SENIOR CLASSIF OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8280005 ARRANGED

TOPIC HIST/THRY/CRT DSN S 478D 2- 3 CR.
 PREREQ: 371 OR SENIOR CLASSIF OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8281005 ARRANGED

TOPIC LANDSC PLANNG DSN S 478E 2- 3 CR.
 PREREQ: 371 OR SENIOR CLASSIF OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8282005 ARRANGED

TOPIC URBAN DESIGN DSN S 478F 2- 3 CR.
 PREREQ: 371 OR SENIOR CLASSIF OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8283005 ARRANGED

TOPICAL ST GRAPHICS DSN S 478G 2- 3 CR.
 PREREQ: 371 OR SENIOR CLASSIF OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8284005 ARRANGED

TOPICAL STUD HONORS DSN S 478H 2- 3 CR.
 PREREQ: 371 OR SENIOR CLASSIF OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8285005 ARRANGED

TOPIC INTERDISCIPLIN DSN S 478I 2- 3 CR.
 PREREQ: 371 OR SENIOR CLASSIF OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8286005 ARRANGED

TOPIC INTERNAT'L ST DSN S 478J 2- 3 CR.
 PREREQ: 371 OR SENIOR CLASSIF OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8287005 ARRANGED

TOPIC COMPUTER APP DSN S 478K 2- 3 CR.
 PREREQ: 371 OR SENIOR CLASSIF OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8288005 ARRANGED

TOPIC ECOLOG DESIGN DSN S 478L 2- 3 CR.
 PREREQ: 371 OR SENIOR CLASSIF OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8289005 ARRANGED

SUSTAINABLE COMMUNT DSN S 484 3 CR.
 PREREQ: C R P 253 OR 270
 7042005 TR 2:10-3:30 CLAPP T
 SECTION INFO:

<http://www.public.iastate.edu/%7etlclapp/>

19TH CENTURY ART DSN S 487 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2690005 MW 4:10-5:30

DESIGN STUDIES

DESIGN STUDIES

ENVIRONMENTAL LAW DSN S 491 3 CR.
 PREREQ: 6 CREDITS IN NATURAL SCIENCE
 4099005 TR 8:00-9:20 CLAPP T
 SECTION INFO:
<http://www.public.iastate.edu/%7etlclapp/>

ART&THRY SINCE 1945 DSN S 495 3 CR.
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2781005 TR 9:00-9:50

TOPICL STD WORLD AR DSN S 528D 2- 3 CR.
 PREREQ: ARCH 221, 222 OR SENIOR CLASSIFICATION
 OR GRADUATE STANDING
 2290005 TR 9:30-10:50

TOPC STD ARCHITECTS DSN S 528E 2- 3 CR.
 PREREQ: ARCH 221, 222 OR SENIOR CLASSIFICATION
 OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 2299005 T 6:30-9:00PM

TOP STD TECH, STRUC DSN S 528G 2- 3 CR.
 PREREQ: ARCH 221, 222 OR SENIOR CLASSIFICATION
 OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 FIELD TRIPS & TRAVEL FEE \$50.00
 2346005 1 TR 2:10-3:30
 2346010 2 MW 11:00-12:30
 TOPIC: LIGHTING DESIGN IN ART &
 ARCHITECTURE

TOPC STD URBAN DSGN DSN S 528I 2- 3 CR.
 PREREQ: ARCH 221, 222 OR SENIOR CLASSIFICATION
 OR GRADUATE STANDING
 2349005 1 TR 12:40-2:00

TOPICL STD PRACTICE DSN S 528K 2- 3 CR.
 PREREQ: ARCH 221, 222 OR SENIOR CLASSIFICATION
 OR GRADUATE STANDING
 COURSE RESTRICTED TO SENIORS OR GRADUATE STUDENTS
 2411005 T 3:40-6:00PM

PLAN DEVE COUNTRIES DSN S 529 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 4264005 TR 3:40-5:00 OWUSU F
 SECTION INFO:
<http://www.public.iastate.edu/%7efowusu/cour>

SITE ANALYS&DEV DES DSN S 542 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 4301005 T 6:10-9:00PM

INTERDIS DSN STUDIO DSN S 546 4- 6 CR.
 PREREQ: ADMISSION TO A GRADUATE PROGRAM IN
 THE COLLEGE OF DSGN & INSTRUCTOR PERMISSION
 COURSE RESTRICTED TO DESIGN COLLEGE GRAD STUDENTS
 COURSE ONLY OFFERED FOR 6 CREDITS SPRING 2005.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$40.00-\$400.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2878005 ARRANGED

CONTEM URB DSN THRY DSN S 575 3 CR.
 PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING
 2506005 MWF 10:00-10:50

TOPIC LANDSC DESIGN DSN S 578A 2- 3 CR.
 PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8290005 ARRANGED

TOPIC PLANTNG DSIGN DSN S 578B 2- 3 CR.
 PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8291005 ARRANGED

TOPIC CONSTRUCTION DSN S 578C 2- 3 CR.
 PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8292005 ARRANGED

TOPIC HIST/THRY/CRT DSN S 578D 2- 3 CR.
 PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8294005 ARRANGED

TOPIC LANDSC PLANNG DSN S 578E 2- 3 CR.
 PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8293005 ARRANGED

TOPIC URBAN DESIGN DSN S 578F 2- 3 CR.
 PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8295005 ARRANGED

TOPICAL ST GRAPHICS DSN S 578G 2- 3 CR.
 PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8296005 ARRANGED

TOPICAL STUD HONORS DSN S 578H 2- 3 CR.
 PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8297005 ARRANGED

TOPIC INTERDISCIPLIN DSN S 578I 2- 3 CR.
 PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8298005 ARRANGED

TOPIC INTERNAT'L ST DSN S 578J 2- 3 CR.
 PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8299005 ARRANGED

TOPIC COMPUTER APP DSN S 578K 2- 3 CR.
 PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 8300005 ARRANGED

TOPICAL ECO DESIGN DSN S 578L 2- 3 CR.
 PREREQ: SENIOR CLASSIFICATION OR GRAD STANDING
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 7816005 ARRANGED

DESIGN STUDIES

SUSTAINBLE COMMUNIT DSN S 584 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 7045005 TR 2:10-3:30 CLAPP T
 SECTION INFO: <http://www.public.iastate.edu/%7etlclapp/>

RENAISSANCE ART DSN S 585 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, INSTR PERMISSION
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2877005 TR 11:00-12:20

19TH CENTURY ART DSN S 587 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, INSTR PERMISSION
 COURSE RESTRICTED TO GRADUATE STUDENTS
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2910005 MW 4:10-5:30

ENVIRONMENTAL LAW DSN S 591 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 4317005 TR 8:00-9:20 CLAPP T
 SECTION INFO: <http://www.public.iastate.edu/%7etlclapp/>

ART&THRY SINCE 1945 DSN S 595 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, INSTR PERMISSION
 FIELD TRIPS & TRAVEL FEE \$0.00-\$15.00
 MEETS U.S. DIVERSITY REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3112005 TR 9:00-9:50

ECOLOGY & EVOLUTIONARY BIOLOGY

EXTENDED FIELD TRIP EEB 585 2 CR.
 PREREQ: GRADUATE CLASSIFICATION
 FIELD TRIPS & TRAVEL FEE \$150.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7859005 R 4:10-5:30

SPECIAL TOPICS EEB 590 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION AND INSTR PERMISSN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7860005 ARRANGED

RESEARCH EEB 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ECONOMICS

PRIN MICROECONOMICS ECON 101 3 CR.
 CREDIT FOR ONLY TWO PRINCIPLES OF ECONOMICS
 COURSES MAY BE APPLIED TOWARD GRADUATION. ECON 101
 MAY BE PAIRED WITH ECON 102 OR 201 OR 205 TO APPLY
 TOWARD GRADUATION.
 3100005 1 MWF 8:00-8:50 ORAZEM P
 3100010 2 MWF 9:00-9:50 VOLIJ O
 3100015 3 MWF 10:00-10:50 ORAZEM P
 3100020 4 MWF 1:10-2:00 DEITER R
 3100025 5 TR 9:30-10:50 OVIEDO P
 3100030 6 MWF 2:10-3:00 SCHROETER J
 3100035 7 ARRANGED ALEXANDER T
 COURSE DELIVERY IS WWW
 SECTION INFO: <http://www.econ.iastate.edu/classes>

ECONOMICS

PRIN MICROECONOMICS ECON 101 3 CR.
 /econ102/alexander/remote

PRIN MACROECONOMICS ECON 102 3 CR.
 PREREQ: 101 RECOMMENDED
 CREDIT FOR ONLY TWO PRINCIPLES OF ECONOMICS
 COURSES MAY BE APPLIED TOWARD GRADUATION. ECON 102
 MAY BE PAIRED WITH ECON 101 OR 201 OR 206 TO APPLY
 TOWARD GRADUATION.
 3099005 1 MWF 9:00-9:50 DOYLE M
 3099010 2 MWF 10:00-10:50 DOYLE M
 3099015 3 TR 11:00-12:20 WANG C
 3099020 4 MWF 11:00-11:50 VANDEWETERING H
 3099025 5 TR 2:10-3:30 WANG C
 3099030 6 ARRANGED ALEXANDER T
 COURSE DELIVERY IS WWW
 SECTION INFO:
<http://www.econ.iastate.edu/classes/econ102/alexander/remote>

HONORS PRIN MACROEC ECON 102H 3 CR.
 PREREQ: 101, MEMBERSHIP IN UNIVERSITY HONORS PROG
 2117005 1 MWF 10:00-10:50 FALK B

INTRO AGRI MARKETS ECON 235 3 CR.
 PREREQ: 101
 3174005 1 MWF 10:00-10:50 LENCE S
 3174010 2 MWF 12:00-12:50 LAWRENCE J

INTERMED MICROECON ECON 301 3- 4 CR.
 PREREQ: 101; MATH 160 OR 165
 COURSE ONLY OFFERED FOR 4 CREDITS SPRING 2005
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3101005 1 MWF 9:00-9:50 DEITER R
 M 2:10-4:00 DEITER R
 3101010 2 MWF 9:00-9:50 DEITER R
 R 2:10-4:00 DEITER R
 3101015 3 MWF 1:10-2:00 LANGINIER C
 T 2:10-4:00 LANGINIER C
 3101020 4 MWF 1:10-2:00 LANGINIER C
 R 2:10-4:00 LANGINIER C

INTERMED MACROECON ECON 302 3 CR.
 PREREQ: 101, 102; MATH 160 OR 165
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3102005 1 TR 2:10-3:30 VANDEWETERING H

FARM BUSINESS MGT ECON 330 3 CR.
 PREREQ: 101, ACCT 284
 3177005 1 MWF 9:00-9:50 KLIEBENSTEIN J
 3177010 2 MWF 10:00-10:50 KLIEBENSTEIN J

ENTREPRENEURSHIP AG ECON 331 3 CR.
 PREREQ: 101, 330, ACCT 284
 6836005 1 TR 8:00-9:20

COOPERATIVES ECON 332 2 CR.
 PREREQ: 101
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3181005 1 TR 8:00-9:20 DEITER R

ECONOMICS

ECONOMICS

AG FIRMS&INDUS ORGZ ECON 335 3 CR.
 PREREQ: 235, 301, CREDIT OR ENROLLMNT IN STAT 326
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3178005 1 TR 11:00-11:50 HENNESSY D
 W 2:10-4:00 HENNESSY D
 3178010 2 TR 11:00-11:50 HENNESSY D
 T 2:10-4:00 HENNESSY D

TOPCS LIVESTK MRKTG ECON 338B 1- 3 CR.
 PREREQ: 101, 235 RECOMMENDED
 COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2005
 3083005 1 R 1:30-3:30 LAWRENCE J
 SECT 1:JAN 10-MARCH 4

TOPCS GRAIN MARKETG ECON 338C 1- 3 CR.
 PREREQ: 101, 235 RECOMMENDED
 COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2005
 3089005 1 R 1:30-3:30 WISNER R
 SECT 1:MARCH 7-MAY 6

PUBLIC FINANCE ECON 344 3 CR.
 PREREQ: 101
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3111005 1 TR 12:40-2:00 HENNESSY H

MONEY, BANK, FIN INST ECON 353 3 CR.
 PREREQ: 101, 102
 3103005 1 TR 8:00-9:20 SINGH R
 3103010 2 TR 11:00-12:20 SINGH R

INTERNATIONAL ECON ECON 355 4 CR.
 PREREQ: 101, 102
 CREDIT FOR EITHER ECON 355 OR ECON 455, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8925005 1 TR 2:10-4:00 CHOI E

COMPARTV CAPITALISM ECON 370 3 CR.
 PREREQ: 101, 102
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3104005 1 MWF 11:00-11:50 HUFFMAN S

RURAL, URB®N ECON ECON 376 3 CR.
 PREREQ: 101
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3119005 1 MWF 1:10-2:00 FRANKEL D

MANAGERIAL ECONOMCS ECON 431 3 CR.
 PREREQ: 301
 CREDIT FOR EITHER ECON 431 OR ECON 432, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3173005 1 MWF 11:00-11:50 LANGINIER C

COMMOD MKTG&RISK MG ECON 437 3 CR.
 PREREQ: 235, 301, STAT 226
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7572005 1 TR 9:30-10:50 HENNESSY D

AG, FOOD, TRADE POLCY ECON 460 3 CR.
 PREREQ: 301 OR 501
 CREDIT FOR EITHER ECON 360X OR ECON 460, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3185005 1 MWF 11:00-11:50 GALLAGHER P

AGRICULTURL FINANCE ECON 466 3 CR.
 PREREQ: 301, STAT 226; FIN 301 AND ECON 353
 RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3183005 1 TR 11:00-12:20 JOLLY R

INTRO ECONOMETRICS ECON 472 4 CR.
 PREREQ: 301, 302 OR 353, STAT 326
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2790005 1 MTWF 9:00-9:50 GALLAGHER P

INDEPENDENT STUDY ECON 490 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JR/SR CLASSIFICATION, 14 CREDITS IN ECON
 COLLEGE OF AG STUDENTS MAY APPLY NO MORE THAN 6
 CREDITS OF ECON 490 TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY
 APPLY NO MORE THAN 9 CR OF ECON 490 TOWARD
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ECON 490H 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JR/SR CLASSIFICATION, 14 CREDITS IN ECON.
 AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF ECON
 490 TOWARD GRADUATION. LAS COLLEGE MAJORS MAY COUNT
 NO MORE THAN 9 CREDITS OF ECON 490 TOWARD
 GRADUATION.
 COLLEGE OF AG STUDENTS MAY APPLY NO MORE THAN 6
 CREDITS OF ECON 490 TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED FOR GRADUATION. LAS COLLEGE STUDENTS MAY
 APPLY NO MORE THAN 9 CR OF ECON 490 TOWARD
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATNG SR SURVEY ECON 492 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATING SENIOR
 6208005 1 W 4:10-5:00 DEITER R

ECON TRAVEL COURSE ECON 496 1- 3 CR.
 PREREQ: SOPHOMORE STATUS, PERMISSION OF INSTRUCTR
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5225010 SP ARRANGED

BUSINESS ECONOMICS ECON 532 3 CR.
 PREREQ: 101 AND ENROLLMENT IN MBA OR BAS PROGRAM;
 NOT FOR ECON MAJORS
 3128005 1 TR 8:00-9:20 WOHLGEMUTH D

ECON&BUS DECSN TOOL ECON 533 3 CR.
 PREREQ: 501 OR 532
 7819005 1 M 6:00-9:00PM HERRIGES J
 COURSE RESTRICTED TO BUSAD GRADUATE
 MAJORS

AG, FOOD, TRAD POLICY ECON 560 3 CR.
 PREREQ: 301 OR 501
 3197005 1 MWF 11:00-11:50 GALLAGHER P

ECONOMICS

INTERMED ECONOMETRC ECON 571 3 CR.
 PREREQ: 500
 9077005 1 MWF 1:10-2:00 HUFFMAN W

SPATIAL ECONOMICS ECON 576 3 CR.
 PREREQ: 501
 4900005 1 MWF 12:10-1:00 KILKENNY M

ADV ENVIROMNTL ECON ECON 581 3 CR.
 PREREQ: 501 OR 601
 3205005 1 MWF 10:00-10:50 KLING C

SPECIAL TOPICS ECON 590 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ECON 599 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MACROECON ANALYSIS ECON 602 4 CR.
 PREREQ: 301,302, PREVIOUS OR CONCURRENT ENROLLMNT
 IN 600 & PERMISSION OF DIRECTOR OF GRADUATE STUDIES
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3126005 1 MW 2:10-4:00 DOYLE M
 F 11:00-11:50

MICROECON ANALYS II ECON 603 4 CR.
 PREREQ: 601, 602 AND PERMISSION OF DIRECTOR OF
 GRADUATE STUDIES
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3125005 1 MW 10:00-11:50 LAPAN H
 F 12:10-1:00

ADV TOPIC MACROECON ECON 606 3 CR.
 PREREQ: 603, 604
 3160005 1 TR 5:30-6:15PM WANG C

INDUSTR L ORGANIZ I ECON 615 3 CR.
 PREREQ: 603
 2937005 1 MWF 3:10-4:00

INDUS ORGANIZATN II ECON 616 3 CR.
 PREREQ: 615, 671
 8648005 1 MW 8:00-9:20 SCHROETER J

AGRICULTURAL ECON I ECON 641 3 CR.
 PREREQ: 603
 3203005 1 TR 11:00-12:20 WENINGER Q

ADV TOP FINANC ECON ECON 654 3 CR.
 PREREQ: 653
 8757005 1 TR 9:30-10:50 MARCOUL P

INTERNATNAL FINANCE ECON 657 3 CR.
 PREREQ: 604
 3141005 1 TR 2:10-3:30 SINGH R

ECONOMICS

ECONOMETRICS II ECON 672 4 CR.
 PREREQ: 671
 3146005 1 MTWR 9:00-9:50
 F 1:10-3:00

MICROECONOMETRICS ECON 673 3 CR.
 PREREQ: 672, 601
 7404005 1 MWF 2:10-3:00

ADVANCED TOPICS ECON 690 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 3162005 ARRANGED
 3162023 BK ARRANGED

WORKSHOP ECON 693 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 6 GRADUATE CREDITS IN CHOSEN FIELD
 8649005 1 MTWRF 3:40-5:00
 8649010 2 MTWRF 3:40-5:00
 8649015 3 MTWRF 3:40-5:00
 8649020 4 MTWRF 3:40-5:00

RESEARCH ECON 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL ADMINISTRATION

PRINCIPLES ED ADMIN EDADM 541 3 CR.
 PREREQ: TEACHER LICENSURE & INSTRUCTOR PERMISSION
 COURSE MEETS WED. MARCH 9,23,30, APRIL 6,20,27,
 MAY 4 AND SAT APRIL 2 AND 30.
 3210005 W 5:30-9:20PM ALSBURY T
 S 8:30-5:00
 MARCH 9-MAY 4

SUPV OF INSTRUCTION EDADM 551 3 CR.
 PREREQ: 541
 COURSE MEETS WED MARCH 2,9,30, APRIL 6,13,20,
 27 AND SAT APRIL 2 AND 16.
 3215005 W 5:45-9:15PM WALKER J
 S 8:00-4:00
 MARCH 2-APRIL 27

SPECIAL TOPICS EDADM 590 1- 4 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP ELEM PRINCI EDADM 591A 1- 8 CR.
 PREREQ: 541, ADMISS TO PROGRAM & INSTR'S APPROVAL
 9422005 1 ARRANGED

FLD EXP SECOND PRIN EDADM 591B 1- 8 CR.
 PREREQ: 541, ADMISS TO PROGRAM & INSTR'S APPROVAL
 9423005 1 ARRANGED

THESIS/CREATV COMPN EDADM 599 1- 3 CR.
 PREREQ: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

EDUCATIONAL ADMINISTRATION

ADV SPECIAL TOPICS EDADM 690 1- 3 CR.
 PREREQ: 9 CREDITS IN EDUCATIONAL ADMINISTRATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

DISSERTATN RESEARCH EDADM 699 VAR. CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

**EDUCATIONAL LEADERSHIP & POLICY
 ST**

CAPSTONE EXPERIENCE EL PS 616 3 CR.
 PREREQ: 6 CREDITS OF 615
 ***** SEE DEPT FOR REFERENCE NUMBERS

ELECTRICAL ENGINEERING

ELETRN DEVIC&CIRCTS E E 203 4 CR.
 PREREQ: 201, MATH 267, PHYS 222 AND CREDIT OR
 ENROLLMENT IN CPR E 210
 4639005 1 MWF 8:00-8:50
 W 12:10-3:00
 4639010 2 MWF 8:00-8:50
 R 12:10-3:00
 4639015 3 MWF 8:00-8:50
 R 3:10-6:00PM
 4639020 4 MWF 8:00-8:50
 T 6:10-9:00PM
 4639025 5 MWF 8:00-8:50
 T 12:10-3:00
 4639030 6 MWF 8:00-8:50
 W 6:10-9:00PM
 4639035 7 MWF 8:00-8:50
 W 9:00-11:50
 4639040 8 MWF 8:00-8:50
 R 6:10-9:00PM
 4639045 9 MWF 8:00-8:50
 T 3:10-6:00PM
 4639050 10 MWF 8:00-8:50
 W 3:10-6:00PM

ELECTRICAL ENGINEERING

PRO PROG ORIENTATN E E 166 R CR.
 COURSE RESTRICTED TO E E AND CPR E MAJORS ONLY
 DISCUSSIONS WILL MEET EVERYOTHER WEEK.
 2887005 A1 T 1:10-2:00
 T 1:10-2:00
 2887010 A2 T 1:10-2:00
 T 1:10-2:00
 2887015 A3 T 1:10-2:00
 T 1:10-2:00
 2887020 B1 T 3:10-4:00
 T 3:10-4:00
 2887025 B2 T 3:10-4:00
 T 3:10-4:00
 2887030 B3 T 3:10-4:00
 T 3:10-4:00
 SECTION B3 RESTICTED TO HONORS STUDENTS.

SIGNALS & SYSTEMS I E E 224 4 CR.
 PREREQ: 201, MATH 267, PHYS 222
 5064005 A TR 4:10-5:30
 W 12:10-3:00
 5064010 B TR 4:10-5:30
 W 3:10-6:00PM
 5064015 C TR 4:10-5:30
 W 6:00-9:00PM
 5064020 D TR 4:10-5:30
 F 9:00-11:50
 5064025 E TR 4:10-5:30
 F 12:10-3:00

EXPLOR ELECTRC ENGR E E 186X 1 CR.
 PREREQ: 185, PERMISSION OF THE INSTRUCTOR
 6239005 1 F 12:10-2:00
 6239010 2 F 2:10-4:00

COOPERATIVE EDUC E E 298 R CR.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 2888005 ARRANGED

ELECTRIC CIRCUITS E E 201 4 CR.
 PREREQ: CR OR REGISTRATN IN MATH 267 AND PHYS 222
 CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
 MAY BE APPLIED TOWARD GRADUATION: E E 201,441,442
 2120005 1 MWF 10:00-10:50
 T 8:00-9:50
 2120010 2 MWF 10:00-10:50
 R 2:10-4:00
 2120015 3 MWF 10:00-10:50
 R 8:00-9:50
 2120020 4 MWF 10:00-10:50
 T 4:10-6:00PM
 2120025 5 MWF 10:00-10:50
 F 8:00-9:50
 2120030 6 MWF 2:10-3:00
 W 6:10-8:00PM
 2120035 7 MWF 2:10-3:00
 T 2:10-4:00
 2120054 8 MWF 2:10-3:00
 W 10:00-11:50
 2120045 9 MWF 2:10-3:00
 W 4:10-6:00PM
 2120050 10 MWF 2:10-3:00
 R 4:10-6:00PM
 2120055 11 MWF 2:10-3:00
 F 10:00-11:50

ENRGY SYS&PWR ELTRN E E 303 3 CR.
 PREREQ: MATH 267, PHYS 222; CREDIT OR REGISTRATN
 IN E E 224 AND 203
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3415005 TR 8:00-9:20

ELECTROMG FLD&WAVES E E 311 4 CR.
 PREREQ: 201, MATH 267, PHYS 222, CREDIT OR
 ENROLLMENT IN MATH 265
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2889005 MWR 10:00-10:50

PROBAB MTH,ELEC ENG E E 322 3 CR.
 PREREQ: 224
 3424005 MWF 12:10-1:00

SIGNALS &SYSTEMS II E E 324 3 CR.
 PREREQ: 224
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2192005 MWF 2:10-3:00

ELECTRICAL ENGINEERING

ELECTRICAL ENGINEERING

SEMICND MTRLS&DEVIC E E 332 3 CR.
 PREREQ: MAT E 231 OR E E 203 AND CREDIT OR ENR
 IN E E 311 OR PHYS 222
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2195005 TR 12:40-2:00

ENGR INTERNSHIP E E 397 R CR.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 8698005 ARRANGED

COOPERATIVE EDUC E E 398 R CR.
 PREREQ: 298, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 2895005 ARRANGED

INTDISCIP PROB SOLV E E 408 3 CR.
 PREREQ: JUNIOR OR SENIOR STANDING
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5846005 A MW 9:00-11:50
 SECT A:JAN 10-MARCH 11
 5846010 B MW 2:10-5:00
 SECT B:JAN 10-MARCH 11

ELECTRODYNAMICS E E 413X 3 CR.
 PREREQ: 311
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5592005 MWF 9:00-9:50

ELMAG RAD,ANTN,PRPG E E 417 4 CR.
 PREREQ: 311
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2900005 1 TR 12:40-2:00
 T 8:00-10:50
 2900010 2 TR 12:40-2:00
 R 2:10-5:00

COMMUNICT SYSTMS II E E 422 3 CR.
 PREREQ: 421 AND ENROLLMENT IN 423
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2902005 TR 4:10-5:30

COMMUNIC SYSTMS LAB E E 423 1 CR.
 PREREQ: 421, ENROLLMENT IN 422
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2903005 1 R 11:00-2:00
 2903010 2 W 6:10-9:00PM
 2903015 3 W 3:10-6:00PM

MICROELEC FABRICATN E E 432 4 CR.
 PREREQ: 332
 MATERIALS AND EQUIPMENT USE FEE \$250.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9222005 MW 3:10-4:00, ARRANGED

ANLOG VLSI CIRC DSN E E 435 4 CR.
 PREREQ: 434
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2906005 1 MWF 10:00-10:50
 M 12:10-3:00
 2906010 2 MWF 10:00-10:50
 M 3:10-6:00PM
 2906015 3 MWF 10:00-10:50
 F 12:10-3:00

OPTOELECTN DEVC&APP E E 438 3 CR.
 PREREQ: 311, 332
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7182005 MWF 11:00-11:50

INTR CIRCUIT&ELETRN E E 441 4 CR.
 PREREQ: PHYS 222, MATH 266 OR 267
 COURSE RESTRICTED TO ENGR MAJORS OTHER THAN E E,
 CPR E, E CPE. CREDIT FOR ONLY ONE OF THE FOLLOWING
 COURSES MAY BE APPLIED TOWARD GRADUATION: E E 201,
 441, 442. E E 441 DOES NOT APPLY TOWARD A DEGREE IN
 E E OR CPR E.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2908005 1 TR 12:40-2:00
 M 8:00-9:50
 2908010 2 TR 12:40-2:00
 M 10:00-11:50
 2908015 3 TR 12:40-2:00
 M 12:10-2:00
 2908020 4 TR 12:40-2:00
 M 2:10-4:00
 2908025 5 TR 12:40-2:00
 M 4:10-6:00PM
 2908030 6 TR 12:40-2:00
 M 6:10-8:00PM

INTR CIRCUIT&INSTRM E E 442 2 CR.
 PREREQ: PHYS 222, MATH 267
 COURSE RESTRICTED TO ENGR & PHYS MAJORS OTHER
 THAN E E AND CPR E. CREDIT FOR ONLY ONE OF THE
 FOLLOWING COURSES MAY BE APPLIED TOWARD GRADUATION:
 E E 201, E E 441, E E 442. E E 442 DOES NOT APPLY
 TOWARD A DEGREE IN E E OR CPR E.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4723005 1 MW 3:40-5:00
 T 11:00-1:00
 SECT 1:JAN 10-MARCH 4
 4723010 2 MW 3:40-5:00
 W 12:10-2:00
 SECT 2:JAN 10-MARCH 4
 4723015 3 MW 3:40-5:00
 F 2:10-4:00
 SECT 3:JAN 10-MARCH 4
 4723020 4 MW 3:40-5:00
 F 12:10-2:00
 SECT 4:JAN 10-MARCH 4
 4723025 5 MW 3:40-5:00
 R 11:00-1:00
 SECT 5:JAN 10-MARCH 4
 4723030 6 MW 3:40-5:00
 F 4:10-6:00PM
 SECT 6:JAN 10-MARCH 4
 4723035 7 MW 3:40-5:00
 W 8:00-9:50
 SECT 7:JAN 10-MARCH 4

INTRO AC CIRC&MOTOR E E 448 2 CR.
 PREREQ: 303 OR 441 OR 442
 E E 448 DOES NOT APPLY TOWARD A DEGREE IN E E OR
 CPR E
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4775005 1 MW 3:40-5:00
 T 11:00-1:00
 SECT 1:MARCH 7-MAY 6
 4775010 2 MW 3:40-5:00
 W 12:10-2:00
 SECT 2:MARCH 7-MAY 6

ELECTRICAL ENGINEERING

ELECTRICAL ENGINEERING

INTRO AC CIRC&MOTOR E E 448 2 CR.

- 4775015 3 MW 3:40-5:00
F 2:10-4:00
SECT 3:MARCH 7-MAY 6
- 4775020 4 MW 3:40-5:00
F 12:10-2:00
SECT 4:MARCH 7-MAY 6
- 4775025 5 MW 3:40-5:00
R 11:00-1:00
SECT 5:MARCH 7-MAY 6
- 4775030 6 MW 3:40-5:00
F 4:10-6:00PM
SECT 6:MARCH 7-MAY 6
- 4775035 7 MW 3:40-5:00
W 8:00-9:50
SECT 7:MARCH 7-MAY 6
- 4775040 8 MW 3:40-5:00
W 10:00-11:50
SECT 8:MARCH 7-MAY 6

ELECTRI MACHIN&DRIV E E 452 3 CR.

PREREQ: 303, CREDIT OR REGISTRATION IN 324
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

- 2893005 1 TR 11:00-11:50
T 8:00-10:50
- 2893010 2 TR 11:00-11:50
W 3:10-6:00PM
- 2893015 3 TR 11:00-11:50
R 8:00-10:50
- 2893020 4 TR 11:00-11:50
R 3:10-6:00PM

INTRO ENRG DIST SYS E E 455 3 CR.

PREREQ: 303, CREDIT OR REGISTRATION IN 324
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

- 6595005 MWF 3:10-4:00

POWER SYST ANALY II E E 457 3 CR.

PREREQ: 303, CREDIT OR REGISTRATION IN 324
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

- 2913005 MWF 10:00-10:50

DIGT INTEG CIRC DSN E E 465 4 CR.

PREREQ: 334
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

- 8892005 1 TR 9:30-10:50
T 3:10-6:00PM
- 8892010 2 TR 9:30-10:50
T 11:00-2:00
- 8892015 3 TR 9:30-10:50
W 9:00-11:50
- 8892020 4 TR 9:30-10:50
R 3:10-6:00PM
- 8892025 5 TR 9:30-10:50
W 12:10-3:00

MULTIDISC ENGR DSGN E E 466 3 CR.

PREREQ: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
GRADUATION, PERMISSION OF INSTRUCTOR

1900005 T 3:10-4:00
TR 4:10-6:00PM
DEPARTMENT PERMISSION REQUIRED, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

CONTROL SYS SIMULAT E E 476 3 CR.

PREREQ: 475
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2915005 MW 4:10-5:00, ARRANGED

INDEPENDENT STUDY E E 490 VAR. CR.

PREREQ: SENIOR CLASSIFICATION IN ELECTRICAL ENGR
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS E E 490H VAR. CR.

PREREQ: SENIOR CLASSIFICATION IN ELECTRICAL ENGR
MEMBERSHIP IN UNIV HONORS PROGRAM
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

SR DESGN PROJ I&PRO E E 491 2- 3 CR.

PREREQ: 322 OR CPR E 308, COMPLETION OF 24 CR
IN THE E E CORE PROFESSIONAL PROGRAM OR 29 CREDITS
IN THE CPR E CORE PROFESSIONAL PROGRAM, ENGL 314
COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
AND ABOVE
MATERIALS AND EQUIPMENT USE FEE \$25.00
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
7230005 T 2:10-4:00, ARRANGED

SR DESIGN PROJCT II E E 492 2 CR.

PREREQ: 491
COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
AND ABOVE
MATERIALS AND EQUIPMENT USE FEE \$25.00
9515002 R 2:10-3:00, ARRANGED

PORTFOLIO ASSESSMNT E E 494 R CR.

PREREQ: CREDIT OR ENROLLMENT IN 491
COURSE RESTRICTED TO CPR E AND E E MAJORS JUNIOR
AND ABOVE
7347005 1 R 4:10-5:00
7347010 2 R 3:10-4:00
7347015 3 W 2:10-3:00
7347020 4 W 1:10-2:00

COOPERATIVE EDUC E E 498 R CR.

PREREQ: 398, PERMISSION OF DEPARTMENT
PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
COLLEGE WILL REGISTER STUDENT
2919005 ARRANGED

MODERN OPTICAL COMM E E 511 3 CR.

PREREQ: 311
2930005 TR 11:00-12:20

CMP MTD ELECTROMAGN E E 516X 3 CR.

8516005 TR 2:10-3:30

ELMAGNETC RAD,ANTEN E E 517 4 CR.

PREREQ: 311
4808005 1 TR 12:40-2:00
T 8:00-10:50
4808010 2 TR 12:40-2:00
R 2:10-5:00

ELECTRICAL ENGINEERING

ELECTRICAL ENGINEERING

TOPICS IN COMMUNICS E E 520 3 CR.
 7695005 ARRANGED

DETECT&ESTIM THEORY E E 527 3 CR.
 PREREQ: 422
 2940005 MWF 11:00-11:50

DIGITAL IMAGE PROC E E 528 3 CR.
 PREREQ: 524
 7232005 MWF 10:00-10:50

TOPICS EL, MICR, PHOT E E 530 3 CR.
 PREREQ: 332
 9526005 ARRANGED

MICROEL FABRIC TCHQ E E 532 4 CR.
 PREREQ: 332 OR 531
 MATERIALS AND EQUIPMENT USE FEE \$250.00
 8880005 MW 3:10-4:00, ARRANGED

PHYS SEMICON D DEVIC E E 536 3 CR.
 PREREQ: 535
 2942005 MW 4:10-5:30

OPTOELE DEVICES&APP E E 538 3 CR.
 PREREQ: 311 OR 332
 3517005 MWF 11:00-11:50

ELECTRN PROP MATRLS E E 539 3 CR.
 PREREQ: 332 OR MAT E 331 OR PHYS 322
 2210005 MWF 1:10-2:00

ARTIF NEURAL NETWKS E E 545 3 CR.
 PREREQ: 324
 8337005 MWF 12:10-1:00

POWER SYST DYNAMICS E E 554 3 CR.
 PREREQ: 456, 457, 475
 2947005 MWF 8:00-8:50

RANDOM SIGNAL&KALMN E E 573 3 CR.
 PREREQ: 324 OR AER E 331 OR M E 370 OR 411
 OR MATH 341 OR 395
 8185005 MWF 10:00-10:50

OPTIMAL CONTROL E E 574 3 CR.
 PREREQ: 577
 2952005 MWF 1:10-2:00

MOD CONTRL SYSTM II E E 578 3 CR.
 PREREQ: 577
 2955005 TR 9:30-10:50

SPL TOP ELECMAG THY E E 590A 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONTROL SYS E E 590B 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN SYS E E 590C 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CIRC THEORY E E 590D 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPTR ENGR E E 590E 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELECTRC PWR E E 590F 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ELEC MATRLS E E 590G 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EL DEVIC&CIR E E 590H 1- 6 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM N ELECTRIC POWER E E 594 1- 3 CR.
 COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2005
 2964005 T 1:10-2:00

SEM N CONTROL SYSTMS E E 596 1- 3 CR.
 COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2005
 2973005 M 4:10-5:00

CREATIVE COMPONENT E E 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ELE PWR SYS E E 653 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2981005 MWF 9:00-9:50

ENGINEERG INTERNSHP E E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPT CHAIR, GRAD CLASSIFCTN
 5716005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

RESEARCH E E 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING

ENGINEERING ORIENTN ENGR 101 R CR.
 SATISFACTORY-FAIL ONLY.
 3788005 A TR 11:00-11:50
 SECTION A RESTRICTED TO A E, AER E, C E, CH E,
 CON E, ENGR, I E, M E, M S E, AND MAT
 E MAJORS ONLY.
 3788010 B TR 11:00-11:50
 SECTION B RESTRICTED TO E E, CPR E MAJORS ONLY

LEAD PROGRM SEMINAR ENGR 105 1 CR.
 SATISFACTORY-FAIL ONLY.
 COURSE FOR LEAD LIVING/LEARNING COMM.
 6866005 T 3:10-4:00

ENGR PROB W/CPR LAB ENGR 160 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: SATISFACTORY SCORES ON MATH PLACEMENT
 EXAMS; CREDIT OR ENROLLMENT IN MATH 142, 165
 COURSE RESTRICTED TO STUDENTS IN ENGINEERING
 2946005 A1 MW 10:00-11:50
 2946010 A2 MW 10:00-11:50
 2946015 B1 MW 12:10-2:00
 2946020 C1 MW 2:10-4:00
 2946025 C2 MW 2:10-4:00
 2946030 D1 TR 8:00-9:50

ENGINEERING MECHANICS

ENGINEERING

ENGR PROB W/CPR LAB ENGR 160 3 CR.

2946035 E1 TR 10:00-11:50
 2946040 F1 TR 12:10-2:00
 2946045 G1 TR 2:10-4:00
 2946050 G2 TR 2:10-4:00

ENGR GRAPHICS&DESGN ENGR 170 3 CR.

PREREQ: SATISFACTORY SCORES ON MATH PLACEMENT EXAMS; CREDIT OR ENROLLMENT IN MATH 142
 COURSE RESTRICTED TO STUDENTS IN ENGINEERING

3798005 A MW 8:00-9:50
 3798010 B MW 10:00-11:50
 3798015 C MW 12:10-2:00
 3798020 D MW 2:10-4:00
 3798025 E TR 8:00-9:50
 3798030 F TR 10:00-11:50
 3798035 G TR 12:10-2:00
 3798040 H TR 2:10-4:00

ACAD EXCEL CHEM 165 ENGR 193B 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: ENGR CLASSIF, CONCURRENT ENR IN CHEM 165
 3232005 MW 4:10-5:30

ACAD EXCEL CHEM 167 ENGR 193C 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: ENGR CLASSIF, CONCURRENT ENR IN CHEM 167
 3241005 MW 4:10-5:30

ACAD EXCEL MATH 165 ENGR 193D 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: ENGR CLASSIF, CONCURRENT ENR IN MATH 165
 3243005 TR 4:10-5:30

ACAD EXCEL MATH 166 ENGR 193E 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: ENGR CLASSIF, CONCURRENT ENR IN MATH 166
 3244005 TR 4:10-5:30

ACAD EXCEL PHYS 221 ENGR 193F 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: ENGR CLASSIF, CONCURRENT ENR IN PHYS 221
 3245005 MW 4:10-5:30

ACAD EXCEL PHYS 222 ENGR 193G 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: ENGR CLASSIF, CONCURRENT ENR IN PHYS 222
 3246005 MW 4:10-5:30

LDRSHP IN ENGINEERING ENGR 293X 1 CR.

8508005 R 3:10-5:00 GOODWIN M
 ARRANGED

ENGINEERING CONNECTNS ENGR 312 3 CR.

COURSE RESTRICTED TO EL ED MAJORS ONLY
 2971005 MW 3:10-4:00
 F 2:10-4:00

STATICS OF ENGINEER E M 274 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: CREDIT OR ENROLLMENT IN MATH 166;
 CREDIT OR ENROLLMENT IN PHYS 111 OR 221
 COURSE RESTRICTED TO COLLEGE OF ENGR SOPHS &
 ABOVE. HONORS STUDENTS MUST REGISTER FOR E M 274H.

3004005 1 MWF 12:10-1:00
 R 12:10-1:00
 3004010 2 MWF 12:10-1:00
 T 10:00-10:50
 3004015 3 MWF 12:10-1:00
 T 1:10-2:00
 3004020 4 MWF 12:10-1:00
 R 1:10-2:00
 3004025 5 MWF 12:10-1:00
 T 9:00-9:50
 3004030 6 MWF 3:10-4:00
 R 9:00-9:50
 3004040 7 MWF 3:10-4:00
 T 12:10-1:00
 3004045 8 MWF 3:10-4:00
 R 10:00-10:50
 3004050 9 MWF 3:10-4:00
 T 3:10-4:00
 3004055 10 MWF 12:10-1:00
 R 3:10-4:00
 3004060 11 MWF 3:10-4:00
 T 2:10-3:00

HONORS ENGR STATICS E M 274H 3 CR.

PREREQ: CREDIT OR ENROLLMT IN MATH 166; CR OR ENR
 IN PHYS 111 OR 221; MEMBERSHIP IN UNIV HONORS
 PROGRAM
 COURSE RESTRICTED TO HONORS STUDENTS IN ENGR
 6086005 MWF 10:00-10:50

MECHAN OF MATERIALS E M 324 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 274
 COURSE RESTRICTED TO ENGR MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

3007005 1 MWF 8:00-8:50
 T 8:00-8:50
 3007010 2 MWF 8:00-8:50
 R 8:00-8:50
 3007015 3 MWF 1:10-2:00
 T 9:00-9:50
 3007020 4 MWF 8:00-8:50
 R 9:00-9:50
 3007040 5 MWF 1:10-2:00
 R 2:10-3:00
 3007045 6 MWF 8:00-8:50
 T 12:10-1:00
 3007050 7 MWF 1:10-2:00
 R 12:10-1:00
 3007055 8 MWF 1:10-2:00
 T 1:10-2:00
 3007060 9 MWF 8:00-8:50
 R 1:10-2:00
 3007065 10 MWF 8:00-8:50
 T 11:00-11:50
 3007070 11 MWF 1:10-2:00
 R 11:00-11:50

ENGINEERING MECHANICS

ENGINEERING MECHANICS

HONORS MECH OF MTRL E M 324H 3 CR.

PREREQ: MEMBERSHIP IN UNIV HONORS PROGRAM
 COURSE RESTRICTED TO HONORS STUDENTS IN ENGR
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

7425005 MWF 2:10-3:00

MECH OF MATERLS LAB E M 327 1 CR.

PREREQ: CREDIT OR ENROLLMENT IN 324
 COURSE RESTRICTED TO STUDENTS IN ENGR COLLEGE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

3008005 1 T 8:00-9:50
 3008010 2 T 10:00-11:50
 3008015 3 R 8:00-9:50
 3008020 4 R 10:00-11:50
 3008025 5 W 8:00-9:50
 3008030 6 W 10:00-11:50
 3008035 7 T 1:10-3:00
 3008040 8 R 1:10-3:00
 3008045 9 T 3:10-5:00
 3008050 10 R 3:10-5:00
 3008055 11 W 1:10-3:00
 3008060 12 W 3:10-5:00

DYNAMICS E M 345 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 274, CR OR ENROLLMENT IN MATH 266 OR 267
 COURSE RESTRICTED TO SOPH AND ABOVE.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

3010005 1 MWF 8:00-8:50
 T 11:00-11:50
 3010010 2 MWF 12:10-1:00
 R 11:00-11:50
 3010015 3 MWF 12:10-1:00
 T 12:10-1:00
 3010020 4 MWF 8:00-8:50
 R 12:10-1:00
 3010025 5 MWF 8:00-8:50
 T 1:10-2:00
 3010030 6 MWF 12:10-1:00
 R 1:10-2:00
 3010035 7 MWF 12:10-1:00
 T 2:10-3:00
 3010040 8 MWF 8:00-8:50
 R 2:10-3:00
 3010045 9 MWF 8:00-8:50
 T 3:10-4:00
 3010050 10 MWF 12:10-1:00
 R 3:10-4:00

INTRO NONDESTR EVAL E M 350 3 CR.

PREREQ: 324, MATH 266, PHYS 222
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1355005 1 ARRANGED

NONDESTRUCT TESTING E M 362 3 CR.

PREREQ: PHYS 112 OR 222
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3011005 MWF 11:00-11:50

NONDESTRUC TEST LAB E M 362L 1 CR.

PREREQ: CREDIT OR ENROLLMENT IN 362
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3012005 A M 3:10-6:00PM

MECHANICS OF FLUIDS E M 378 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 274
 LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB
 IS HELD. COURSE RESTRICTED TO ENGR MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

3013005 1 MWF 10:00-10:50
 W 1:10-3:00
 3013010 2 MWF 10:00-10:50
 R 10:00-11:50
 3013015 3 MWF 10:00-10:50
 W 11:00-1:00
 3013020 4 MWF 10:00-10:50
 T 1:10-3:00
 3013025 5 MWF 9:00-9:50
 R 3:10-5:00
 3013030 6 MWF 9:00-9:50
 T 10:00-11:50
 3013035 7 MWF 9:00-9:50
 T 3:10-5:00
 3013040 8 MWF 9:00-9:50
 R 8:00-9:50
 3013045 9 MWF 9:00-9:50
 R 1:10-3:00
 3013050 10 MWF 10:00-10:50
 W 3:10-5:00

INTMED MECH MATERLS E M 424 3 CR.

PREREQ: 324
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3018005 MWF 11:00-11:50

INTRO FIN ELEM METH E M 425 3 CR.

PREREQ: 324, MATH 266 OR MATH 267
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3019005 MWF 8:00-8:50

ENGINEERG ACOUSTICS E M 451 3 CR.

PREREQ: PHYS 221 AND MATH 266 OR 267
 LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB
 IS HELD
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

3021005 1 MWF 3:10-4:00
 W 1:10-3:00
 3021010 2 MWF 3:10-4:00
 W 4:10-6:00PM

INDEPENDENT STUDY E M 490 VAR. CR.

PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS E M 490H VAR. CR.

PREREQ: INSTR PERMISSION, HONORS PROG MEMBERSHIP
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECH DEFORMBL SOLID E M 516 3 CR.

PREREQ: 510
 3029005 MWF 11:00-11:50

FINITE ELEMENT ANLY E M 525 3 CR.

PREREQ: 425, MATH 385
 3034005 MWF 3:10-4:00

ENGINEERING MECHANICS

ENGINEERING MECHANICS

BOUNDRY ELEMNT METH E M 526 3 CR.
 PREREQ: 514 OR 516
 3035005 MWF 12:10-1:00

MECHANCL VIBRATIONS E M 544 3 CR.
 PREREQ: 324, 345
 3037005 MWF 9:00-9:50

FUND NONDESTRU EVAL E M 550 4 CR.
 PREREQ: 324, MATH 385
 8108005 MWF 10:00-10:50
 T 9:00-10:50

SIGNAL PROCESS MECH E M 551 3 CR.
 PREREQ: 444 OR 451, MATH 385
 3042005 MWF 2:10-3:00

WIND ENGINEERING E M 570 3 CR.
 PREREQ: 378, 345
 7626005 ARRANGED

SPL TOP RANDM VIBRA E M 590G 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC THIN FILMS E M 590H 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CELULR MEDA E M 590I 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 590J 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRD STDT SEMNAR SER E M 591X R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7235005 ARRANGED

CREATIVE COMPONENT E M 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV EXPERIM E M 690N 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV WAV PROP E M 690O 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ADV MATERLS E M 690P 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV COMP MTH E M 690Q 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RELIAB&FAIL E M 690R 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS E M 690S 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP E M 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DOGE, GRAD CLASSIFICATION
 8134005 ARRANGED
 COLLEGE PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

RESEARCH E M 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERING SCIENCE

COOPERATIVE EDUC E SCI 298 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 7417005 ARRANGED

EXPERIMENTAL METHDS E SCI 382 3 CR.
 PREREQ: E M 324, 345, MATH 266 OR 267, STAT 231
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7670005 MWF 12:10-1:00

ENGR INTERNSHIP E SCI 397 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 7448005 ARRANGED

COOPERATIVE EDUC E SCI 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 298, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 7468005 ARRANGED

ENGLISH

ENGINEERING SCIENCE

MULTIDISC ENGR DSGN E SCI 466 3 CR.
 PREREQ: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF GRADUATION, PERMISSION OF INSTRUCTOR
 7876005 T 3:10-4:00
 TR 4:10-6:00PM
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

SR DESIGN PROJECT I E SCI 481 2 CR.
 PREREQ: 382, MATH 481
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7474005 ARRANGED

SR DSIGN PROJECT II E SCI 482 4 CR.
 PREREQ: 481
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7475005 ARRANGED

COOPERATIVE EDUC E SCI 498 R CR.
 PREREQ: 398, PERMISSION OF DEPARTMENT CHAIR
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 7511005 ARRANGED

ENGLISH NONNATIVE I ENGL 101B 3 CR.
 PREREQ: RECOMMENDATION OF ENGLISH DEPARTMENT
 ENGL 101B DOES NOT APPLY TOWARD GRADUATION
 3294005 1 MWF 9:00-9:50
 3294010 2 MWF 10:00-10:50

ENGLISH NONNATIV II ENGL 101C 3 CR.
 PREREQ: RECOMMENDATION OF ENGLISH DEPARTMENT;
 101B OR PLACEMENT IN 101C
 ENGL 101C DOES NOT APPLY TOWARD GRADUATION
 3295005 1 MWF 9:00-9:50
 3295010 2 MWF 10:00-10:50
 3295015 3 TR 9:30-10:50

ENGLISH NONNATIV II ENGL 101D 3 CR.
 PREREQ: RECOMMENDATION OF ENGLISH DEPARTMENT;
 101B OR PLACEMENT IN 101D
 ENGL 101D DOES NOT APPLY TOWARD GRADUATION
 3296005 1 MWF 1:10-2:00
 3296010 2 TR 12:40-2:00
 3296015 3 TR 9:30-10:50
 3296020 4 TR 11:00-12:20

FIRST-YR COMPSITN I ENGL 104 3 CR.
 SECTIONS NOT SCHEDULED FOR COMPUTER ROOMS MAY
 MEET ONE DAY A WEEK IN A COMPUTER LAB
 3298780 RC MWF 10:00-10:50
 SEC. RC MEETS IN ROBERTS HALL COMPUTER

ROOM
 3298785 RD MWF 11:00-11:50
 SEC. RD MEETS IN ROBERTS HALL COMPUTER ROOM
 3298875 RF MWF 1:10-2:00
 SEC. RF MEETS IN ROBERTS HALL COMPUTER ROOM
 3298888 RG MWF 2:10-3:00
 SEC. RG MEETS IN ROBERTS HALL COMPUTER ROOM
 3298250 80 MWF 9:00-9:50
 SECTION 80 IS A CROSS-CULTURAL SECTION.
 U.S. STUDENTS ONLY. MEETS JOINTLY WITH
 SECTION 81.
 3298255 81 MWF 9:00-9:50
 PERMISSION OF DEANNA STUMBO REQUIRED TO ADD. SEC.
 81 IS A CROSS-CULTURAL SEC. INTERNATIONAL STUDENTS
 ONLY. MEETS JOINTLY WITH SEC 80.
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3298260 82 MWF 10:00-10:50
 SECTION 82 IS A CROSS-CULTURAL SECTION.
 U.S. STUDENTS ONLY. MEETS JOINTLY WITH
 SECTION 83.
 3298265 83 MWF 10:00-10:50
 PERMISSION OF DEANNA STUMBO REQUIRED TO ADD. SEC.
 83 IS A CROSS-CULTURAL SEC.
 INTERNATIONAL STUDENTS
 ONLY. MEETS JOINTLY WITH SEC 82.
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

FIRST-YR COMPOS II ENGL 105 3 CR.
 PREREQ: 104 OR EXEMPTION FROM 104; CREDIT FOR OR
 CONCURRENT ENROLLMENT IN LIB 160
 SECTIONS NOT SCHEDULED FOR COMPUTER ROOMS MAY
 MEET ONE DAY A WEEK IN A COMPUTER LAB
 3299310 FA MWF 8:00-8:50
 SEC. FA MEETS IN FRILEY HALL COMPUTER ROOM
 3299315 FB MWF 9:00-9:50
 SEC. FB MEETS IN FRILEY HALL COMPUTER ROOM
 3299320 FC MWF 10:00-10:50
 SEC. FC MEETS IN FRILEY HALL COMPUTER ROOM
 3299325 FD MWF 11:00-11:50
 SEC. FD MEETS IN FRILEY HALL COMPUTER ROOM

ENGLISH

INTENSIVE ENGLISH ENGL 10 0 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: RECOMMENDATION OF THE ENGLISH DEPT
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10A 0 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: RECOMMENDATION OF THE ENGLISH DEPT
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10B 0 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: RECOMMENDATION OF THE ENGLISH DEPT
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTENSIVE ENGLISH ENGL 10C 0 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: RECOMMENDATION OF THE ENGLISH DEPT
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

NONNATIVE LISTENING ENGL 99L 0 CR.
 ENGL 99L DOES NOT APPLY TOWARD GRADUATION
 7774005 1 MW 2:10-3:00
 7774010 2 TR 3:40-4:30

NONNATIVE READING ENGL 99R 0 CR.
 ENGL 99R DOES NOT APPLY TOWARD GRADUATION
 7877005 1 T 4:10-5:00
 7877010 2 W 12:10-1:00

ENGLISH

ENGLISH

FIRST-YR COMPOS II ENGL 105 3 CR.
 3299330 FE MWF 12:10-1:00
 SEC. FE MEETS IN FRILEY HALL COMPUTER ROOM
 3299335 FF MWF 1:10-2:00
 SEC. FF MEETS IN FRILEY HALL COMPUTER ROOM
 3299340 FG MWF 2:10-3:00
 SEC. FG MEETS IN FRILEY HALL COMPUTER ROOM
 3299345 FH MWF 3:10-4:00
 SEC. FH MEETS IN FRILEY HALL COMPUTER ROOM
 3299350 FJ MWF 4:10-5:00
 SEC. FJ MEETS IN FRILEY HALL COMPUTER ROOM
 3299355 FK TR 8:00-9:20
 SEC. FK MEETS IN FRILEY HALL COMPUTER ROOM
 3299360 FL TR 9:30-10:50
 SEC. FL MEETS IN FRILEY HALL COMPUTER ROOM
 3299365 FM TR 11:00-12:20
 SEC. FM MEETS IN FRILEY HALL COMPUTER ROOM
 3299370 FN TR 12:40-2:00
 SEC. FN MEETS IN FRILEY HALL COMPUTER ROOM
 3299390 FP TR 2:10-3:30
 SEC. FP MEETS IN FRILEY HALL COMPUTER ROOM
 3299395 FQ TR 3:40-5:00
 SEC. FQ MEETS IN FRILEY HALL COMPUTER ROOM
 3299460 LA MWF 8:00-8:50
 SEC. LA MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299461 LB MWF 9:00-9:50
 SEC. LB MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299462 LC MWF 10:00-10:50
 SEC. LC MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299463 LD MWF 11:00-11:50
 SEC. LD MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299464 LE MWF 12:10-1:00
 SEC. LE MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299465 LF MWF 1:10-2:00
 SEC. LF MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299466 LG MWF 2:10-3:00
 SEC. LG MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299467 LH MWF 3:10-4:00
 SEC. LH MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299468 LJ MWF 4:10-5:00
 SEC. LJ MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299469 LK TR 8:00-9:20
 SEC. LK MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299470 LL TR 9:30-10:50
 SEC. LL MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299471 LM TR 11:00-12:20
 SEC. LM MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299472 LN TR 12:40-2:00
 SEC. LN MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299474 LP TR 2:10-3:30
 SEC. LP MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299475 LQ TR 3:40-5:00
 SEC. LQ MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299510 MA MWF 8:00-8:50
 SEC. MA MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299511 MB MWF 9:00-9:50
 SEC. MB MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299512 MC MWF 10:00-10:50
 SEC. MC MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299513 MD MWF 11:00-11:50
 SEC. MD MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299514 ME MWF 12:10-1:00
 SEC. ME MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299515 MF MWF 1:10-2:00
 SEC. MF MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299516 MG MWF 2:10-3:00
 SEC. MG MEETS IN MAPLE-WILLOW-LARCH
 COMMONS

FIRST-YR COMPOS II ENGL 105 3 CR.
 3299517 MH MWF 3:10-4:00
 SEC. MH MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299519 MJ MWF 4:10-5:00
 SEC. MJ MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299520 MK TR 8:00-9:20
 SEC. MK MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299521 ML TR 9:30-10:50
 SEC. ML MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299522 MM TR 11:00-12:20
 SEC. MM MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299523 MN TR 12:40-2:00
 SEC. MN MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299525 MP TR 2:10-3:30
 SEC. MP MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299526 MQ TR 3:40-5:00
 SEC. MQ MEETS IN MAPLE-WILLOW-LARCH COMMONS
 3299900 RK TR 8:00-9:20
 SEC. RK MEETS IN ROBERTS HALL COMPUTER ROOM
 3299905 RL TR 9:30-10:50
 SEC. RL MEETS IN ROBERTS HALL COMPUTER ROOM
 3299910 RM TR 11:00-12:20
 SEC. RM MEETS IN ROBERTS HALL COMPUTER ROOM
 3299915 RN TR 12:40-2:00
 SEC. RN MEETS IN ROBERTS HALL COMPUTER ROOM
 3299925 RP TR 2:10-3:30
 SEC. RP MEETS IN ROBERTS HALL COMPUTER ROOM
 3299010 10 MWF 8:00-8:50
 3299015 11 MWF 8:00-8:50
 3299020 12 MWF 8:00-8:50
 3299025 13 MWF 9:00-9:50
 3299030 14 MWF 9:00-9:50
 3299035 15 MWF 9:00-9:50
 3299040 16 MWF 10:00-10:50
 3299045 17 MWF 10:00-10:50
 3299050 18 MWF 10:00-10:50
 3299055 19 MWF 11:00-11:50
 3299060 20 MWF 11:00-11:50
 3299085 21 MWF 11:00-11:50
 3299090 22 MWF 12:10-1:00
 3299100 23 MWF 12:10-1:00
 3299105 24 MWF 12:10-1:00
 3299115 25 MWF 1:10-2:00
 3299120 26 MWF 1:10-2:00
 3299125 27 MWF 1:10-2:00
 3299135 28 MWF 2:10-3:00
 3299137 29 MWF 2:10-3:00
 3299140 30 MWF 2:10-3:00
 3299145 31 MWF 3:10-4:00
 3299165 32 MWF 3:10-4:00
 3299170 33 MWF 3:10-4:00
 3299200 34 MWF 4:10-5:00
 3299201 35 MWF 4:10-5:00
 3299202 36 MW 6:30-7:50PM
 3299203 37 TR 8:00-9:20
 3299204 38 TR 8:00-9:20
 3299205 39 TR 8:00-9:20
 3299206 40 TR 9:30-10:50
 3299207 41 TR 9:30-10:50
 3299208 42 TR 9:30-10:50
 3299209 43 TR 9:30-10:50
 3299210 44 TR 11:00-12:20
 3299211 45 TR 11:00-12:20
 3299212 46 TR 11:00-12:20
 3299213 47 TR 11:00-12:20
 3299214 48 TR 12:40-2:00

ENGLISH

ENGLISH

FIRST-YR COMPOS II ENGL 105 3 CR.
 3299215 49 TR 12:40-2:00
 3299216 50 TR 12:40-2:00
 3299217 51 TR 12:40-2:00
 3299218 52 TR 2:10-3:30
 3299219 53 TR 2:10-3:30
 3299220 54 TR 2:10-3:30
 3299221 55 TR 2:10-3:30
 3299222 56 TR 3:40-5:00
 3299223 57 TR 3:40-5:00
 3299224 58 TR 6:30-7:50PM
 3299250 80 MWF 10:00-10:50
 SECTION 80 IS A CROSS-CULTURAL SECTION.
 U.S. STUDENTS ONLY. MEETS JOINTLY WITH

SECTION 81.
 3299255 81 MWF 10:00-10:50
 PERMISSION OF DEANNA STUMBO REQUIRED TO

ADD. SEC.
 81 IS A CROSS-CULTURAL SEC.

INTERNATIONAL STUDENTS
 ONLY. MEETS JOINTLY WITH SEC 80.
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

3299260 82 MWF 11:00-11:50
 SECTION 82 IS A CROSS-CULTURAL SECTION.
 U.S. STUDENTS ONLY. MEETS JOINTLY WITH

SECTION 83.
 3299265 83 MWF 11:00-11:50
 PERMISSION OF DEANNA STUMBO REQUIRED TO

ADD. SEC.
 83 IS A CROSS-CULTURAL SEC.

INTERNATIONAL STUDENTS
 ONLY. MEETS JOINTLY WITH SEC 82.
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

3299270 84 TR 11:00-12:20
 SECTION 84 IS A CROSS-CULTURAL SECTION.
 U.S. STUDENTS ONLY. MEETS JOINTLY WITH

SECTION 85.
 3299275 85 TR 11:00-12:20
 PERMISSION ON DEANNA STUMBO REQUIRED TO

ADD. SEC.
 85 IS A CROSS-CULTURAL SEC.

INTERNATIONAL STUDENTS
 ONLY. MEETS JOINTLY WITH 84.
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SPEAKG FOR INT'L TA ENGL 180A 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: NO MORE THAN ONE SECTION OF 180 MAY BE
 TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
 ENGL 180A DOES NOT APPLY TOWARD GRADUATION.
 FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED
 IN SPEAK/TEACH OFFICE, 201 LAB OF MECHANICS.
 3579005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV SPEAKG INT'L TA ENGL 180C 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: NO MORE THAN ONE SECTION OF 180 MAY BE
 TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
 ENGL 180C DOES NOT APPLY TOWARD GRADUATION.
 FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED
 IN SPEAK/TEACH OFFICE, 201 LAB OF MECHANICS.
 3585005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

PRESNTATNS INT'L TA ENGL 180D 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: NO MORE THAN ONE SECTION OF 180 MAY BE
 TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL
 ENGL 180D DOES NOT APPLY TOWARD GRADUATION.
 FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED
 IN SPEAK/TEACH OFFICE, 201 LAB OF MECHANICS.
 3593005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

INTRO STUDY ENGLISH ENGL 199 R CR.
 SATISFACTORY-FAIL ONLY.
 PLEASE SEE ADVISOR FOR MORE INFORMATION.
 COURSE RESTRICTED TO ENGL AND TCOMM MAJORS ONLY.
 3302005 A ARRANGED HAGGE L
 SECT A:JAN 10-MARCH 4

INTRO TO LITERATURE ENGL 201 3 CR.
 PREREQ: CREDIT IN OR EXEMPTION FROM 104
 3303005 A TR 11:00-12:20

COMPTR IN STDY ENGL ENGL 213 3 CR.
 PREREQ: 105
 6867005 A1 TR 9:30-10:50
 SEC A1 RESTRICTED TO COMST, ENGL, JL MC,
 P JMC,
 TCOMM MAJORS ONLY.
 6867010 A2 TR 9:30-10:50
 SEC A2 RESTRICTED TO MAJORS OTHER THAN
 ENGL &
 TCOMM
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

INTRO LINGUISTICS ENGL 219 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COUSR RESTRICTED TO SOPH AND ABOVE
 3307005 A1 MWF 11:00-11:50
 SECT A1 RESTRICTED TO EDUCATION MAJORS
 ONLY
 3307010 B1 TR 9:30-10:50
 SECTION B1 RESTRICTED TO ENGL & TCOMM
 MAJORS
 SOPHS AND ABOVE
 3307015 B2 TR 9:30-10:50
 SECT B2 FOR MAJORS OTHER THAN ENGL AND
 TCOMM
 3307020 C1 MWF 9:00-9:50
 SECTION C1 RESTRICTED TO ENGL & TCOMM MAJORS
 SOPHS AND ABOVE
 3307025 C2 MWF 9:00-9:50
 SECT C2 FOR MAJORS OTHER THAN ENGL AND TCOMM

DESCRP ENGL GRAMMAR ENGL 220 3 CR.
 PREREQ: 105
 3308005 A TR 9:30-10:50
 3308010 B MWF 10:00-10:50

INTRO LITERARY STDY ENGL 260 3 CR.
 PREREQ: CREDIT IN OR EXEMPTION FROM 104
 SEC A1,B1,C1 RESTRICTED TO ENGL, TCOMM
 MAJORS. SEC A2,B2,C2 RESTRICTED TO MAJORS OTHER
 THAN ENGL, TCOMM
 3306005 A1 MWF 9:00-9:50
 3306010 A2 MWF 9:00-9:50
 3306015 B1 TR 12:40-2:00
 3306020 B2 TR 12:40-2:00
 3306025 C1 TR 11:00-12:20
 3306030 C2 TR 11:00-12:20

ENGLISH

ENGLISH

CULTURAL STUDIES ENGL 301 3 CR.

PREREQ: 105
3313005 A MWF 1:10-2:00

BUSINESS COMMUNICAT ENGL 302 3 CR.

PREREQ: 105, JR CLASSIFICATION
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
COURSE IS RESTRICTED TO JUNIORS AND ABOVE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

3314005 1 MWF 8:00-8:50
3314010 2 MWF 8:00-8:50
3314015 3 MWF 9:00-9:50
3314020 4 MWF 9:00-9:50
3314025 5 MWF 10:00-10:50
3314030 6 MWF 10:00-10:50
3314035 7 MWF 11:00-11:50
3314040 8 MWF 11:00-11:50
3314045 9 MWF 12:10-1:00
3314170 EM MW 6:00-8:00PM

SECT EM:JAN 24-APRIL 13
SECTION EM FOR MAJORS OTHER THAN L ST,

LAS S

3314175 ES MW 6:00-8:00PM
SECT ES:JAN 24-APRIL 13
SECTION ES FOR L ST, LAS S MAJORS ONLY
3314050 10 MWF 12:10-1:00
3314055 11 MWF 1:10-2:00
3314060 12 MWF 1:10-2:00
3314065 13 MWF 2:10-3:00
3314070 14 MWF 2:10-3:00
3314075 15 MWF 2:10-3:00
3314080 16 MWF 3:10-4:00
3314085 17 MWF 3:10-4:00
3314090 18 MWF 4:10-5:00
3314095 19 MWF 4:10-5:00
3314100 20 TR 8:00-9:20
3314105 21 TR 8:00-9:20
3314110 22 TR 9:30-10:50
3314115 23 TR 9:30-10:50
3314120 24 TR 9:30-10:50
3314125 25 TR 11:00-12:20
3314130 26 TR 11:00-12:20
3314135 27 TR 11:00-12:20
3314140 28 TR 12:40-2:00
3314145 29 TR 12:40-2:00
3314155 30 TR 12:40-2:00
3314160 31 TR 2:10-3:30
3314165 32 TR 2:10-3:30
3314180 33 TR 2:10-3:30
3314185 34 TR 3:40-5:00

HONORS BUS COMMUNIC ENGL 302H 3 CR.

PREREQ: 105, JR CLASSIFICATION. FOR MEMBERS
OF UNIVERSITY HONORS PROGRAM ONLY.
COURSE MAY BE TAUGHT IN A COMPUTER LAB
7402005 A MWF 11:00-11:50 GILCHRIST K

FREELANCE WRITG MAG ENGL 303 3 CR.

PREREQ: 105, NOT OPEN TO FRESHMEN
COURSE IS RESTRICTED TO SOPH AND ABOVE
3315005 A TR 11:00-12:20

CREAT WRITING FICTN ENGL 304 3 CR.

PREREQ: 105, NOT OPEN TO FRESHMEN
COURSE IS RESTRICTED TO SOPH AND ABOVE
3316005 A MW 2:10-3:30
3316010 B TR 11:00-12:20 HAAS B
3316015 C TR 12:40-2:00 HAAS B
3316020 D TR 9:30-10:50
TOPIC: WRITE LIKE A WOMAN

CREAT WRITING NON-F ENGL 305 3 CR.

PREREQ: 105, NOT OPEN TO FRESHMEN
3317005 A M 7:00-10:00PM
TOPIC: TRAVEL WRITING
3317010 B TR 9:30-10:50

CREAT WRITING POET ENGL 306 3 CR.

PREREQ: 105, NOT OPEN TO FRESHMEN
3318005 A MW 3:40-5:00
3318010 B TR 12:40-2:00

REPT&PROPOSAL WRITNG ENGL 309 3 CR.

PREREQ: 105, JUNIOR CLASSIFICATION
SEC A1,B1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
SEC A2, B2 FOR MAJORS OTHER THAN ENGL, TCOMM
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8089005 A1 M 6:00-9:00PM FREED R
8089010 A2 M 6:00-9:00PM FREED R
8089015 B1 MWF 2:10-3:00 FREED R
8089020 B2 MWF 2:10-3:00 FREED R

RHETORICAL ANALYSIS ENGL 310 3 CR.

PREREQ: 105
SEC A1,B1 RESTRICTED TO ENGL, TCOMM MAJORS.
SEC A2,B2 RESTRICTED TO MAJORS OTHER THAN ENGL,
TCOMM
8308005 A1 TR 11:00-12:20
8308010 A2 TR 11:00-12:20
8308015 B1 TR 2:10-3:30
8308020 B2 TR 2:10-3:30

WRITING FOR THE WWW ENGL 313 3 CR.

PREREQ: 105
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5597005 A1 TR 11:00-12:20
SECT A1 RESTRICTED TO ENGL, TCOMM MAJORS
ONLY
5597010 A2 TR 11:00-12:20
SECT A2 RESTRICTED TO MAJORS OTHER THAN
ENGL,
TCOMM

TECHNICAL COMMUNCTN ENGL 314 3 CR.

PREREQ: 105, JUNIOR CLASSIFICATION
SOME SECTIONS WILL BE TAUGHT IN A COMPUTER LAB
COURSE IS RESTRICTED TO JUNIORS AND ABOVE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
3356005 1 MWF 8:00-8:50
3356010 2 MWF 9:00-9:50
3356015 3 MWF 10:00-10:50
3356020 4 MWF 11:00-11:50
3356025 5 MWF 12:10-1:00
3356030 6 MWF 1:10-2:00
3356035 7 MWF 2:10-3:00
3356040 8 MWF 3:10-4:00
3356045 9 MWF 4:10-5:00
3356105 EM TR 6:00-8:00PM
SECT EM:JAN 25-APRIL 14
SECTION EM FOR MAJORS OTHER THAN L ST,

LAS S

ENGLISH

ENGLISH

TECHNICAL COMMUNCTN ENGL 314 3 CR.

- 3356110 ES TR 6:00-8:00PM
SECT ES:JAN 25-APRIL 14
SECTION ES FOR L ST, LAS S MAJORS ONLY
- 3356050 10 TR 8:00-9:20
- 3356055 11 TR 9:30-10:50
- 3356060 12 TR 11:00-12:20
- 3356065 13 TR 11:00-12:20
SEC 13 RESTRICTED TO ENGL, TCOMM MAJORS,
SOPH & ABOVE
- 3356070 14 TR 12:40-2:00
- 3356075 15 TR 12:40-2:00
- 3356080 16 TR 2:10-3:30
- 3356085 17 TR 2:10-3:30
- 3356090 18 TR 3:40-5:00

SCIENCE FICTION ENGL 330 3 CR.

- PREREQ: 105
- 3312005 A MWF 1:10-2:00

FILM ENGL 335 3 CR.

- PREREQ: 105
- FILM SHOWINGS MAY EXTEND SCHEDULED TIME
- MATERIALS FEE \$30.00
- AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
- 3322005 A1 T 6:00-9:00PM
- 3322010 A2 T 6:00-9:00PM

LIT THRY&CRITICISM ENGL 339 3 CR.

- PREREQ: 260 & 3 ADDITIONAL CREDITS IN LITERATURE
- 3361005 A MWF 11:00-11:50
- 3361010 B TR 9:30-10:50

U. S. LATINO/A LIT ENGL 344 3 CR.

- PREREQ: 105
- MEETS U.S. DIVERSITY REQMT.
- 7543005 A1 TR 2:10-3:30
SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
- 7543010 A2 TR 2:10-3:30
SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

WOMEN & LIT TOPICS ENGL 345 3 CR.

- PREREQ: 105
- MEETS U.S. DIVERSITY REQMT.
- AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
- 3324005 A1 TR 11:00-12:20
SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY.
- 3324010 A2 TR 11:00-12:20
SEC A2 FOR TO MAJORS OTHER THAN ENGL,
TCOMM,

AMERICAN INDIAN LIT ENGL 346 3 CR.

- PREREQ: 105
- MEETS U.S. DIVERSITY REQMT.
- AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
- 3325005 A1 MWF 9:00-9:50
SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
- 3325010 A2 MWF 9:00-9:50
SEC A2 RESTRICTED TO MAJORS OTHER THAN
ENGL,
TCOMM

CONTEMP AFRI AM LIT ENGL 348 3 CR.

- PREREQ: 105
- MEETS U.S. DIVERSITY REQMT.
- AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
- 3327005 A1 TR 12:40-2:00
- SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
- 3327010 A2 TR 12:40-2:00
- SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL,
TCOMM

RHETO&HIST OF IDEAS ENGL 350 3 CR.

- PREREQ: 105
- 8387005 A TR 2:10-3:30

WLD LIT:ANCT-RENAIS ENGL 353 3 CR.

- PREREQ: 105
- MEETS INTERNATIONAL PERSPECTIVES REQMT.
- 3329005 A1 TR 3:40-5:00
- SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
- 3329010 A2 TR 3:40-5:00
SEC A2 RESTRICTED TO MAJORS OTHER THAN
ENGL,
TCOMM

MYTH, FAIRYTALE, LGND ENGL 358 3 CR.

- PREREQ: 105
- AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
- 3333005 A TR 11:00-12:20

AMERICN LIT TO 1830 ENGL 360 3 CR.

- PREREQ: 105; SOPHOMORE CLASSIFICATION
- 3334005 A1 TR 12:40-2:00
SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
- 3334010 A2 TR 12:40-2:00
SEC A2 RESTRICTED TO MAJORS OTHER THAN
ENGL,
TCOMM

AMER LIT: 1830-1914 ENGL 362 3 CR.

- PREREQ: 105; SOPHOMORE CLASSIFICATION
- 3336005 A1 TR 9:30-10:50
SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
- 3336010 A2 TR 9:30-10:50
SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL,
TCOMM

AMER LIT: 1914-PRES ENGL 364 3 CR.

- PREREQ: 105; SOPHOMORE CLASSIFICATION
- 3338005 A1 TR 2:10-3:30
- SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
- 3338010 A2 TR 2:10-3:30
SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL,
TCOMM

STUDIES IN DRAMA ENGL 366 3 CR.

- PREREQ: 105
- 3339005 A MWF 1:10-2:00

SHAKESPEARE ENGL 370 3 CR.

- PREREQ: 105
- MEETS INTERNATIONAL PERSPECTIVES REQMT.
- 3341005 A1 MWF 10:00-10:50
- SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
- 3341010 A2 MWF 10:00-10:50
SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL,
TCOMM

ENGLISH

ENGLISH

BRIT LIT:RESTOR&18C ENGL 375 3 CR.
 PREREQ: 105; SOPHOMORE CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3344005 A1 TR 11:00-12:20
 SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3344010 A2 TR 11:00-12:20
 SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL,
 TCOMM

BRIT LIT:ROMANT&VIC ENGL 376 3 CR.
 PREREQ: 105; SOPHOMORE CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3345005 A MWF 11:00-11:50

BRIT LIT:MOD&CNTEMP ENGL 378 3 CR.
 PREREQ: 105; SOPHOMORE CLASSIFICATION
 3347005 A1 TR 2:10-3:30
 SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 3347010 A2 TR 2:10-3:30
 SEC A2 RESTRICTED TO MAJORS OTHER THAN ENGL,
 TCOMM

TEACHNG WRITING SEC ENGL 392 3 CR.
 PREREQ: 219 OR 220
 3381005 A TR 11:00-12:20

TCH RDNG OF YNG LIT ENGL 394 3 CR.
 PREREQ: 105
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3350005 A TR 9:30-10:50

WRIT WRKSP NON-FICT ENGL 405 3 CR.
 PREREQ: 305
 3354005 A TR 2:10-3:30 PETT S

WRIT WORKSHP POETRY ENGL 406 3 CR.
 PREREQ: 306
 COURSE NOT OPEN TO FRESHMEN
 3355005 A MW 3:40-5:00
 3355010 B TR 12:40-2:00

TECHNL, RHET, PRO CMM ENGL 411 3 CR.
 PREREQ: 310,302,309,313, OR 314; JUNIOR CLASSIF
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3020005 A TR 9:30-10:50 SAUER G

CMPOS DOCUMNTN&INST ENGL 413 3 CR.
 PREREQ: 313; 302, 309, OR 314; JUNIOR CLASSIF
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5258005 A1 TR 12:40-2:00
 SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 5258010 A2 TR 12:40-2:00
 SEC A2 - PERMISSION OF DEPT ADVISORS REQUIRED TO
 ADD.

DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

PROD PROC TECH DOCU ENGL 414 3 CR.
 PREREQ: 302, 309, 313, OR 314; JUNIOR CLASSIF
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6271005 A1 TR 11:00-12:20
 SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS ONLY
 6271010 A2 TR 11:00-12:20
 SEC A2 - PERMISSION OF DEPT ADVISORS REQUIRED TO
 ADD.

DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

BUSI&TECHNICAL EDIT ENGL 415 3 CR.
 PREREQ: 302, 309, OR 314; JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3358005 A1 TR 2:10-3:30
 SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS

JUNIORS ONLY
 3358010 A2 TR 2:10-3:30
 SEC A2 - PERMISSION OF DEPT ADVISORS
 REQUIRED TO ADD.
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDNT TCH ENGL&LIT ENGL 417E VAR. CR.
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 7786005 1 ARRANGED
 SECTION 1 OFFERED FOR 12 CREDITS
 7786010 2 ARRANGED
 SECT 2:JAN 10-MARCH 4
 SECTION 2 OFFERED FOR 12 CREDITS
 7786015 3 ARRANGED
 SECT 3:FEB 7-MAY 6
 SECTION 3 OFFERED FOR 8 CREDITS.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDNT TEACH SPEECH ENGL 417F VAR. CR.
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 8138005 1 ARRANGED
 SECT 1:JAN 10-APRIL 8
 SECTION 1 OFFERED FOR 12 CREDITS
 8138010 2 ARRANGED
 SECT 2:FEB 7-MAY 6
 SECTION 2 OFFERED FOR 12 CREDITS
 8138015 3 ARRANGED
 SECTION 3 OFFERED FOR 8 CREDITS.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ARGUMENTATVE WRITNG ENGL 418 3 CR.
 PREREQ: 310; JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2718005 A TR 9:30-10:50

HIST OF ENGLISH LANG ENGL 420 3 CR.
 PREREQ: 219, 220
 NOT OPEN TO FRESHMEN OR SOPHOMORES
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3360005 A TR 12:40-2:00

WOMEN,MEN&ENGL LANG ENGL 422 3 CR.
 PREREQ: 219
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9533005 A TR 9:30-10:50

SEMINAR AMERICN LIT ENGL 441 3 CR.
 PREREQ: COMPLETION OF OR CONCURNT ENRLMNT IN 339
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9535005 A MW 11:00-12:20

ENGLISH

ENGLISH

SEMINAR IN POETRY ENGL 451 3 CR.

PREREQ: COMPLETION OF OR CONCURNT ENRLMNT IN 339
TOPIC: AMERICAN POETRY SINCE 1970.

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

9538005 A TR 9:30-10:50

SEM SINGLE FIG STDY ENGL 461 3 CR.

PREREQ: COMPLETION OF OR CONCURNT ENRLMNT IN 339
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

9542005 A TR 12:40-2:00

INTERN BUS,PRO COMM ENGL 487 1- 3 CR.

PREREQ: SENIOR CLASSIF; PERMISSN OF COORDINATOR;
9 CR IN 302,309,313,314,413,414,415 (PREFERRED), 416

DEPARTMENT PERMISSION REQUIRED, PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

9099005 A W 5:30-7:00PM

IND STDY LITERATURE ENGL 490A VAR. CR.

PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE
TO THE AREA TAKEN, JR CLASSIFICATION, PERMISSION
OF THE UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
APPLIED TOWARD GRADUATION.

DEPARTMENT PERMISSION REQUIRED, PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

IND STD LINGUISTICS ENGL 490B VAR. CR.

PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE
TO THE AREA TAKEN, JR CLASSIFICATION, PERMISSION
OF THE UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
APPLIED TOWARD GRADUATION.

DEPARTMENT PERMISSION REQUIRED, PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY RHETORIC ENGL 490C VAR. CR.

PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE
TO THE AREA TAKEN, JR CLASSIFICATION, PERMISSION
OF THE UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
APPLIED TOWARD GRADUATION.

DEPARTMENT PERMISSION REQUIRED, PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CRITICISM ENGL 490D VAR. CR.

PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE
TO THE AREA TAKEN, JR CLASSIFICATION, PERMISSION
OF THE UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
APPLIED TOWARD GRADUATION.

DEPARTMENT PERMISSION REQUIRED, PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY READING ENGL 490E VAR. CR.

PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE
TO THE AREA TAKEN, JR CLASSIFICATION, PERMISSION
OF THE UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
APPLIED TOWARD GRADUATION.

DEPARTMENT PERMISSION REQUIRED, PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

IND STD CREATV WRIT ENGL 490F VAR. CR.

PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE
TO THE AREA TAKEN, JR CLASSIFICATION, PERMISSION
OF THE UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
APPLIED TOWARD GRADUATION.

DEPARTMENT PERMISSION REQUIRED, PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

IND STD BUS/TCH CMM ENGL 490G VAR. CR.

PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE
TO THE AREA TAKEN, JUNIOR CLASSIFICATION,
PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
APPLIED TOWARD GRADUATION.

DEPARTMENT PERMISSION REQUIRED, PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS ENGL 490H VAR. CR.

PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE
TO THE AREA TAKEN, JUNIOR CLASSIFICATION,
PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
MEMBERSHIP IN UNIV HONORS PROGRAM
NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE
APPLIED TOWARD GRADUATION.

DEPARTMENT PERMISSION REQUIRED, PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

TEACH LIT SECONDARY ENGL 494 3 CR.

PREREQ: 310,392, 9 OTHER CREDITS IN ENGL BEYOND
105, PSYCH 333, ADMISSION TO TEACHER EDUC PROGRAM
3379005 A TR 2:10-3:30

TEACHING COMPOSITN ENGL 503 3 CR.

PREREQ: 6 CREDITS IN ENGLISH
3387005 A T 6:00-9:00PM

TECHNOL IN PRO COMM ENGL 505 3 CR.

PREREQ: GRADUATE CLASSIFICATION
5103005 A TR 11:00-12:20

THRY&RESRCH PRO CMM ENGL 506 3 CR.

PREREQ: 6 CREDITS IN ENGLISH
COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3390005 A TR 12:40-2:00

SOCIOLINGUISTICS ENGL 514 3 CR.

PREREQ: 511 OR AN INTRODUCTORY LINGUISTICS COURSE
COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
3397005 A TR 11:00-12:20

2ND LANUAGE ASSESSM ENGL 519 3 CR.

PREREQ: 517
3402005 A TR 12:40-2:00

TCH LIS&SPK NONNATV ENGL 525 3 CR.

PREREQ: 511 OR INTRODUCTORY COURSE IN LINGUISTICS
2230005 A MW 2:10-3:30

ENGLISH

ENGLISH

CPR-ASSIST LANG LRN ENGL 526 3 CR.
 PREREQ: 511 AND 513 OR EQUIVALENT
 3638005 A TR 9:30-10:50

DISCOURSE ANALYSIS ENGL 527 3 CR.
 PREREQ: 511 OR AN INTRO COURSE IN LINGUISTICS
 COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 2052005 A M 6:00-9:00PM

BRITISH LIT TO 1830 ENGL 533 3 CR.
 PREREQ: 6 CREDITS IN LITERATURE
 2243005 A R 6:00-9:00PM

FICTION ENGL 538 3 CR.
 PREREQ: 6 CREDITS IN LITERATURE
 3259005 A TR 12:40-2:00

MULTICULTR U.S. LIT ENGL 544 3 CR.
 PREREQ: 6 CREDITS IN LITERATURE
 COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 9545005 A TR 11:00-12:20

ISS IN STUDY OF LIT ENGL 546 3 CR.
 PREREQ: 6 CREDITS IN LITERATURE
 COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 2268005 A TR 2:10-3:30

HIST RHET THEORY II ENGL 548 3 CR.
 PREREQ: 6 CREDITS IN ENGL
 COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 8393005 A TR 2:10-3:30

ADV IMAG WRIT:FICTN ENGL 554 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3412005 A M 7:00-10:00PM
 3412010 B M 7:00-10:00PM
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV IMAG WRIT:POETR ENGL 556 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 3413005 A T 7:00-10:00PM
 3413010 B T 7:00-10:00PM
 SEC B FOR STUDENTS NOT FORMALLY ADMITTED
 TO THE MA PROGRAM IN ENGLISH.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

STUDIES CREATV WRIT ENGL 557 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 9075005 A W 7:00-10:00PM

INTERN BUS,PRO COMM ENGL 587 1- 3 CR.
 PREREQ: 507 PLUS 3 ADDITIONAL GRAD CR IN BUSINESS
 & TECHNICAL WRITING OR COMPOSITION & RHETORIC; INSTR
 PERMISSION; MASTER'S & DOCTORAL CANDIDATES IN
 ENGLISH
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3425005 A W 5:30-7:00PM

PRA TCH ENG 2ND LNG ENGL 588 3 CR.
 PREREQ: 15 CREDITS TOWARDS TESL/APPLIED
 LINGUISTICS MASTER'S DEGREE
 3426005 A ARRANGED

SPL TOP LITERATURE ENGL 590A VAR. CR.
 PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TESL/LINGUI ENGL 590B VAR. CR.
 PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RHET & COMP ENGL 590C VAR. CR.
 PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP RHE&PRO COMM ENGL 590E VAR. CR.
 PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CREATV WRIT ENGL 590F VAR. CR.
 PREREQ: PERMISSION OF GRADUATE STUDIES COMMITTEE
 ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ENGL 599 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

TOP CURR RHET THEOR ENGL 621 3 CR.
 PREREQ: 503 OR 506
 COURSE RESTRICTED TO GRADUATE ENGLISH MAJORS
 8396005 A MW 2:10-3:30

RESEARCH ENGL 699 VAR. CR.
 PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

INTRO TO INSECTS ENT 201 1 CR.
 5197005 A TR 2:10-3:30
 SECT A:JAN 10-FEB 11
 5197015 W ARRANGED
 SECT W:JAN 17-FEB 18
 COURSE DELIVERY IS WWW
 SECTION INFO:
<http://www.ent.iastate.edu/courses>

INSECTS AND SOCIETY ENT 211 2 CR.
 PREREQ: 201
 3441005 A TR 2:10-3:30
 SECT A:FEB 15-MAY 5
 3441015 W ARRANGED
 SECT W:FEB 21-MAY 6
 COURSE DELIVERY IS WWW
 SECTION INFO:
<http://www.ent.iastate.edu/courses>

ENTOMOLOGY

ENTOMOLOGY

PESTICIDE APPL CERT ENT 283 2 CR.
 6695005 MW 2:10-3:00

LIVESTOCK ENTOMOLGY ENT 372 2 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7986005 T 5:10-7:00PM
 JAN 10-APRIL 8

INSECTS &OUR HEALTH ENT 374 3 CR.
 PREREQ: 3 CREDITS IN BIOLOGICAL SCIENCES
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3445005 A MWF 2:10-3:00

FND ENTOMO&PEST MGT ENT 376 3 CR.
 PREREQ: BIOL 109 OR 201
 CREDIT FOR EITHER ENT 376 OR ENT 386, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3446005 A TR 4:10-5:00
 T 1:10-4:00
 3446010 B TR 4:10-5:00
 W 12:10-3:00
 3446015 C TR 4:10-5:00
 W 3:10-6:00PM

AQUATIC INSECTS ENT 425 3 CR.
 PREREQ: BIOL 312 OR EQUIVALENT
 6353005 TR 8:00-8:50
 F 10:00-1:00

IND STD RESRCH/WORK ENT 490E 1- 3 CR.
 PREREQ: 15 CR IN BIOL SCI, JR OR SR CLASSIF
 A MAXIMUM OF 6 CREDITS OF ENT 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LAB TEACHG ENT 490U 1- 3 CR.
 PREREQ: 15 CR IN BIOL SCI, JR OR SR CLASSIF
 A MAXIMUM OF 6 CREDITS OF ENT 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTG MGT TROPIC CROP ENT 511 3 CR.
 PREREQ: PL P 407 OR 416 OR 503, OR ENT 370 OR
 376, OR HORT 221, OR PL HP 391
 7962005 ARRANGED

AQUATIC INSECTS ENT 525 3 CR.
 PREREQ: BIOL 312 OR EQUIVALENT
 6364005 TR 8:00-8:50
 F 10:00-1:00

PESTICIDES IN ENVIR ENT 550 2 CR.
 PREREQ: GRAD CLASSIFICATION
 8682005 TR 9:00-9:50

INSECT PHYSIOLOGY ENT 555 4 CR.
 PREREQ: 370
 4042005 MWF 9:00-9:50
 R 9:00-11:50

ADVANCD SYSTEMATICS ENT 568 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 7125005 ARRANGED

ADV INSECT PEST MGT ENT 573 4 CR.
 PREREQ: 370
 3454005 ARRANGED

SP TOP BIOL CONTROL ENT 590A 1- 3 CR.
 PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP CHEM ECOLOGY ENT 590B 1- 3 CR.
 PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ECO&PEST MGT ENT 590C 1- 3 CR.
 PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EVOL&SYSTEMAT ENT 590D 1- 3 CR.
 PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RSRCH TOPIC ENT 590E 1- 3 CR.
 PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MEDICAL&VET ENT 590F 1- 3 CR.
 PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC MOLECULAR ENT 590G 1- 3 CR.
 PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MORPH&PHYSL ENT 590H 1- 3 CR.
 PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TOX&BIOCHEM ENT 590I 1- 3 CR.
 PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TCHNG EXPER ENT 590K 1- 3 CR.
 PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP EXTENS INTRN ENT 590L 1- 3 CR.
 PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY

SPL TOP IMMATUR INS ENT 590M 1- 3 CR.
 PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INSCT GENET ENT 590N 1- 3 CR.
 PREREQ: 15 CREDITS IN ZOOLOGICAL SCIENCES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ENT 600 1 CR.
 5345005 A M 4:10-5:00

RESEARCH ENT 699 VAR. CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL SCIENCE

APPRENTICESHIP ENSCI 290 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: APPROVAL OF THE ENVIR SCIENCE COORDINATOR
 PERMISSION OF COORDINATOR REQUIRED,
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRN SOIL SCIENCE ENSCI 360 3 CR.
 PREREQ: AGRON 260 OR GEOL 100 OR 201
 1924005 1 MW 9:00-9:50 KILLORN R
 T 3:10-6:00PM KILLORN R
 1924010 2 MW 9:00-9:50 BURRAS C
 W 2:10-5:00 BURRAS C

INTERNSHIP ENVI SCI ENSCI 390 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: APPROVAL OF ENVIRONMENTAL SCI COORDINATOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONM BIOGEOCHEM ENSCI 403 4 CR.
 PREREQ: 330 AND 402 OR 402I
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3144005 MWF 1:10-2:00
 W 2:10-4:00

GLOBAL CHANGE ENSCI 404 3 CR.
 PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
 SCIENCES OR ENGINEERING
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3386005 MWF 11:00-11:50

CONTAMIN HYDROGEOLG ENSCI 434 3 CR.
 PREREQ: 411 OR EQUIVALENT
 MATERIALS FEE \$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5016005 TR 11:00-12:20

GIS&GPS NAT RESOURC ENSCI 446 3 CR.
 PREREQ: 12 CR IN STUDENT'S MAJOR AT 300 LEVEL
 OR ABOVE
 3033005 1 TR 8:00-8:50
 T 12:10-3:00
 3033010 2 TR 8:00-8:50
 R 12:10-3:00
 3033015 3 TR 8:00-8:50
 W 10:00-1:00

ENVIRONMENTAL SCIENCE

ENVIR SOIL&WTR CHEM ENSCI 459 3 CR.
 PREREQ: 401 OR AGRON 354, CHEM 210 OR 211
 5017005 ARRANGED

SOIL GENESIS&LNDSCP ENSCI 473 4 CR.
 PREREQ: 402 OR AGRON 154
 CREDIT FOR ONLY ONE OF AGRON/ENSCI 473 OR
 IA LL/AGRON/ENSCI 473I MAY BE APPLIED TOWARD
 GRADUATION
 FIELD TRIPS & TRAVEL FEE \$30.00-\$45.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1935010 1 TR 10:00-10:50 SANDOR J
 T 2:10-5:00

INDEPENDENT STUDY ENSCI 490 VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, APPROVAL OF
 ENVIRONMENTAL SCIENCE COORDINATOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

WETLAND ECOLOGY ENSCI 564 3 CR.
 PREREQ: 15 CREDITS IN BIOLOGICAL SCIENCES
 1238005 TR 3:40-5:00

ENVIRONMENTAL STUDIES

ENVIRONMNTL GEOLOGY ENV S 101 3 CR.
 3418005 A MWF 10:00-10:50
 SECTION A OFFERED FOR 3 CREDITS ONLY

INTR RENEW RESOURCS ENV S 120 3 CR.
 5141005 MWF 12:10-1:00

ENVIRONMNTL BIOLOGY ENV S 123 3 CR.
 ENV S/BIO 123 DOES NOT COUNT TOWARD CREDITS
 REQUIRED IN A BIOLOGY MAJOR
 2022005 ARRANGED
 COURSE DELIVERY IS WWW
 SECTION INFO:
<http://project.bio.iastate.edu/>

INTR ENVIRON ISSUES ENV S 201 2 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 2282005 TR 12:10-1:50
 JAN 10-MARCH 4

GREAT ENVIRON WRITG ENV S 303 2 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2296005 TR 12:10-1:50
 MARCH 7-MAY 6

ENERGY &THE ENVIRON ENV S 324 3 CR.
 MTEOR/GEOL/ENV S 324 DOES NOT COUNT TOWARD
 CREDITS REQUIRED IN THE MTEOR MAJOR
 FIELD TRIPS & TRAVEL FEE \$0.00-\$50.00
 7863005 1 MWF 11:00-11:50

BIODIVERSITY ENV S 340 2 CR.
 PREREQ: ONE COURSE IN LIFE SCIENCES
 ENV S 340 NOT INTENDED FOR MAJOR CREDIT IN
 THE BIOLOGICAL SCIENCES
 3909005 TR 9:00-10:50
 MARCH 7-MAY 6

ENVIRONMENTAL STUDIES

WORLD FOOD ISSUES ENV S 342 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1733005 1 TR 11:00-12:20 ZDORKOWSKI G
 1733010 2 MWF 11:00-11:50 FORD C

ENVIRONMENTL SOCIOL ENV S 382 3 CR.
 PREREQ: SOC 130, 134, OR ENV S 201
 7579005 A1 TR 8:00-9:20
 SECTION A1 RESTRICTED TO SOC, P S A

MAJORS ONLY
 7579010 A2 TR 8:00-9:20
 SECTION A2 FOR MAJORS OTHER THAN SOC, P
 S A

INTERNSHP ENVIR STD ENV S 390 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: APPROVAL OF THE ENV S COORDINATOR
 COURSE ONLY OFFERED FOR 1-4 CREDITS SPRING 2005
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

GLOBAL CHANGE ENV S 404 3 CR.
 PREREQ: 4 COURSES IN PHYS SCI OR BIO SCI OR ENGR
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8673005 MWF 11:00-11:50

WATERSHED MANAGMENT ENV S 407 4 CR.
 PREREQ: A COURSE IN GENERAL BIOLOGY
 FIELD TRIPS & TRAVEL FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5143005 A TR 9:30-10:50
 T 3:10-6:00PM

ENVIRN POLIT&POLICI ENV S 482 3 CR.
 PREREQ: 3 CREDITS IN POL S OR ENV S; JR CLASSIF
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7581005 R 6:00-9:00PM

SUSTAINABLE COMMUNT ENV S 484 3 CR.
 PREREQ: SENIOR STATUS
 7275005 TR 2:10-3:30 CLAPP T
 SECTION INFO:
<http://www.public.iastate.edu/%7etlclapp/>

INDEPENDENT STUDY ENV S 490 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR AND APPROVAL OF
 ENV S COORDINATOR
 COURSE ONLY OFFERED FOR 1-3 CREDITS SPRING 2005
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL LAW ENV S 491 3 CR.
 PREREQ: 6 CREDITS IN NATURAL SCIENCES
 3478005 TR 8:00-9:20 CLAPP T
 SECTION INFO:
<http://www.public.iastate.edu/%7etlclapp/>

EXERCISE AND SPORT SCIENCE

SWIMMING II EX SP 102 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 101 OR EQUIVALENT SKILL
 EQUIPMENT USE FEE \$3.00
 5661005 1 TR 9:30-10:50

AQUATIC FITNESS EX SP 108 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 102 OR EQUIVALENT SKILL
 EQUIPMENT USE FEE \$3.00
 5665005 1 MW 10:00-11:30

LIFEGUARD TRAINING EX SP 114 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ABILITY TO SWIM 500 YDS CONTINUOUSLY
 OF FRONT CRAWL, SIDESTROKE, & BREASTSTROKE;
 PERFORM A STANDING & SURFACE DIVE; SWIM UNDER
 WATER; TREAD WATER FOR 1 MIN.; MINIMUM AGE 16
 MATERIALS AND EQUIPMENT USE FEE \$10.00
 5668005 1 TR 2:10-3:30

WATER SAF INST PRAC EX SP 116 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 115, H S 105, CPR CERTIFICTN & INSTR PERM
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8897005 1 ARRANGED

LIFEGUARD INSTRUCTR EX SP 117X 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 114 AND SUCCESSFULLY COMPLETE SWIM TEST
 (ENDURANCE & DEEP WATER) AND WRITTEN PRE-TEST
 6178005 1 TR 2:10-3:30

WATER SFTY INSTRCTR EX SP 118X 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 102 AND/OR 114. STUDENTS MUST PASS SWIM
 TEST (ENDURANCE & DEEP WATER) AND WRITTEN PRE-TEST.
 LAB WILL MEET 6 TIMES DURING THE SEMESTER
 6177005 1 MW 3:10-5:00
 S 9:00-10:50

BADMINTON EX SP 122 1 CR.
 SATISFACTORY-FAIL ONLY.
 MATERIALS FEE \$8.00
 5671005 1 MWF 9:00-10:20
 SECT 1:JAN 10-MARCH 4
 5671010 2 MWF 10:00-11:20
 SECT 2:JAN 10-MARCH 4

POCKET BILLIARDS EX SP 126 1 CR.
 SATISFACTORY-FAIL ONLY.
 EQUIPMENT USE FEE \$20.00
 5673005 1 MW 9:00-9:50
 5673010 2 MW 10:00-10:50

BOWLING EX SP 129 1 CR.
 SATISFACTORY-FAIL ONLY.
 EQUIPMENT USE FEE \$20.00
 5675005 1 MW 10:00-10:50
 5675010 2 MW 11:00-11:50
 5675015 3 TR 12:40-1:30
 5675020 4 TR 11:00-11:50
 5675025 5 MW 9:00-9:50
 5675030 6 TR 9:30-10:20

EXERCISE AND SPORT SCIENCE

SWIMMING I EX SP 101 1 CR.
 SATISFACTORY-FAIL ONLY.
 EQUIPMENT USE FEE \$3.00
 5660005 1 TR 8:00-9:20

EXERCISE AND SPORT SCIENCE

EXERCISE AND SPORT SCIENCE

GOLF I EX SP 135 1 CR.

SATISFACTORY-FAIL ONLY.
 MATERIALS AND EQUIPMENT USE FEE \$30.00
 5678005 1 MWF 10:00-11:20
 SECT 1:MARCH 7-MAY 6
 5678010 2 MWF 11:00-12:20
 SECT 2:MARCH 7-MAY 6
 5678015 3 MWF 1:10-2:30
 SECT 3:MARCH 7-MAY 6
 5678020 4 MWF 9:00-10:20
 SECT 4:MARCH 7-MAY 6

RACQUETBALL EX SP 144 1 CR.

SATISFACTORY-FAIL ONLY.
 5683005 1 MWF 9:00-10:30
 SECT 1:JAN 10-APRIL 8
 5683010 2 MWF 10:00-11:30
 SECT 2:JAN 10-APRIL 8

ICE SKATING EX SP 153 1 CR.

SATISFACTORY-FAIL ONLY.
 COURSE TAUGHT AT AMES/ISU ICE ARENA, SOUTHEAST OF
 THE TOWERS. MUST ALLOW EXTRA TIME BETWEEN THIS AND
 OTHER CLASSES FOR TRAVEL TO AND FROM AMES/ISU ICE
 ARENA. MUST PROVIDE OWN TRANSPORTATION.
 EQUIPMENT USE FEE \$36.50
 5689005 1 TR 2:10-3:00

TENNIS I EX SP 158 1 CR.

SATISFACTORY-FAIL ONLY.
 MATERIALS FEE \$10.00
 5690005 1 MWF 10:00-11:20
 SECT 1:MARCH 7-MAY 6
 5690010 2 MWF 11:00-12:20
 SECT 2:MARCH 7-MAY 6
 5690015 3 MWF 12:10-1:30
 SECT 3:MARCH 7-MAY 6
 5690020 4 MWF 1:10-2:30
 SECT 4:MARCH 7-MAY 6

TRIATHLON TRAINING EX SP 162 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: 102 OR EQUIVALENT SKILL
 EQUIPMENT USE FEE \$15.00
 5713005 1 MWF 2:10-3:30
 SECT 1:MARCH 7-MAY 6

WALKING FOR FITNESS EX SP 164 1 CR.

SATISFACTORY-FAIL ONLY.
 EQUIPMENT USE FEE \$7.00
 8867005 1 TR 11:00-12:10
 8867010 2 MW 10:00-11:10
 8867015 3 TR 12:10-1:20
 8867020 4 MW 11:00-12:10

WEIGHT TRAINING EX SP 166 1 CR.

SATISFACTORY-FAIL ONLY.
 CREDIT IN ATH 101 MAY NOT BE APPLIED TOWARD
 GRADUATION IF CREDIT IS RECEIVED FOR SKILL TECHNIQUE
 COURSE IN THE SAME SPORT OR EX SP/P E 166 OR 167
 EQUIPMENT USE FEE \$5.00
 5696005 1 MWF 1:10-2:00
 5696010 2 MWF 2:10-3:00
 5696015 3 MWF 9:00-9:50
 5696020 4 MWF 10:00-10:50

TAEKWONDO/KARATE I EX SP 170 1 CR.

SATISFACTORY-FAIL ONLY.
 MATERIALS FEE \$10.00
 5700005 1 MW 9:00-9:50
 5700010 2 MW 10:00-10:50

TAEKWONDO/KARATE II EX SP 171 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: 170
 MATERIALS FEE \$15.00
 5701005 1 TR 10:00-10:50

HAPKIDO/MARTL DFNSE EX SP 173 1 CR.

SATISFACTORY-FAIL ONLY.
 5702005 1 TR 11:00-11:50

VOLLEYBALL EX SP 182 1 CR.

SATISFACTORY-FAIL ONLY.
 5710005 1 TR 8:00-8:50
 5710010 2 TR 9:00-9:50
 5710015 3 TR 10:00-10:50
 5710020 4 TR 11:00-11:50

BASIC ATHLETIC TRAIN EX SP 220 2 CR.

PREREQ: ZOO 155
 MATERIALS FEE \$45.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5729005 1 TR 8:00-9:30

ATHL TRAINING PRACT EX SP 221 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: CREDIT OR ENROLLMT IN 222, PERMISSION OF
 PROGRAM DIRECTOR
 MATERIALS FEE \$60.00
 6654005 1 T 11:00-11:50
 ARRANGED
 6654010 2 R 11:00-11:50
 ARRANGED

BASIC ATHLETIC TRNG EX SP 222 3 CR.

PREREQ: ZOO 255, 255L
 7917005 1 TR 9:30-10:50

EVAL ATHLE INJUR II EX SP 226 3 CR.

PREREQ: 224, PERMISSION OF PROGRAM DIRECTOR
 6673005 1 TR 10:30-12:20
 ARRANGED

ATHL TRAINING PRACT EX SP 227 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: CR OR ENROLLMENT IN 226 AND PERMISSION OF
 PROGRAM DIRECTOR
 6674005 1 ARRANGED

FUND OF AQUATICS EX SP 230 1 CR.

PREREQ: 101 OR EQUIVALENT. ELIGIBILITY FOR
 ADMISSION TO HHP TEACHER EDUCATION PROGRAM
 COURSE RESTRICTED TO EX SP, HHP MAJORS ONLY
 EQUIPMENT USE FEE \$10.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9614005 1 MW 12:40-2:00

EXERCISE AND SPORT SCIENCE

EXERCISE AND SPORT SCIENCE

FND INDOOR TEAM SPT EX SP 232 1 CR.
 PREREQ: HHP TEACHER EDUC PROGRAM ADMISSIBLE
 COURSE RESTRICTED TO EX SP, HHP MAJORS ONLY
 EQUIPMENT USE FEE \$20.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9616005 1 TR 11:00-12:20

FUND INDIVIDL SPRTS EX SP 236 1 CR.
 PREREQ: HHP TEACHER EDUC PROGRAM ADMISSIBLE
 COURSE RESTRICTED TO EX SP, HHP MAJORS ONLY
 EQUIPMENT USE FEE \$30.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9620005 1 TR 12:40-2:00

FUND SELF-DEFENSE EX SP 237 1 CR.
 PREREQ: HHP TEACHER EDUC PROGRAM ADMISSIBLE
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9621005 1 MW 11:00-12:20

INT STRNGTH,EQUIPMT EX SP 240 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 221,222, PERMISSION OF PROGRAM DIRECTOR
 2583005 1 TR 9:30-10:20

PRO HLTH&HUMN PERFM EX SP 255 3 CR.
 COURSE RESTRICTED TO EX SP, HHP MAJORS ONLY
 7167005 1 MF 1:10-2:00
 W 1:10-2:00
 7167010 2 MF 1:10-2:00
 W 1:10-2:00
 7167015 3 MF 1:10-2:00
 W 1:10-2:00
 7167020 4 MF 1:10-2:00
 W 1:10-2:00

PHYS FITNESS & COND EX SP 258 2 CR.
 PREREQ: HHP MAJORS ONLY
 COURSE RESTRICTED TO EX SP, HHP MAJORS ONLY.
 CREDIT FOR EITHER EX SP 163 OR EX SP 258, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION.
 PROFESSIONAL SUPPORT AND EQUIPMENT USE FEE \$10.00
 5732005 1 TR 10:00-10:50
 M 12:10-1:00
 5732010 2 TR 11:00-11:50
 M 12:10-1:00
 5732015 3 MW 1:10-2:00
 W 12:10-1:00
 5732020 4 MW 2:10-3:00
 W 12:10-1:00

LDRSHP TECH FITNESS EX SP 259 2 CR.
 PREREQ: 258
 COURSE RESTRICTED TO EX SP, C H E, HHP MAJORS
 9622005 1 TR 1:10-3:00

PRIN OF SPORT MGT EX SP 270 3 CR.
 PREREQ: PSYCH 101, SP CM 212, SOC 134
 COURSE RESTRICTED TO EX SP, HHP MAJORS ONLY
 5751005 1 MWF 9:00-9:50

ELEM SCH MOVEMNT ED EX SP 275 3 CR.
 PREREQ: CONCURRENT ENROLLMENT IN EX SP 280
 COURSE RESTRICTED TO EX SP, HHP MAJORS ONLY.
 CREDIT FOR EITHER EX SP 275 OR EX SP 284, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 MATERIALS AND EQUIPMENT USE FEE \$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5735005 1 TR 8:30-10:50PM
 5735010 2 TR 8:30-10:50PM

FIELD EXP ELEM P E EX SP 280 .5- 1 CR.
 COURSE RESTRICTED TO EX SP, HHP MAJORS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5736005 1 F 8:00-10:50
 5736010 2 F 12:10-3:00

ELEM&PRESCH MVMT ED EX SP 284 3 CR.
 PREREQ: 3 CREDITS IN HUMAN DEVEL & FAMILY STUDIES
 CREDIT FOR EITHER EX SP 275 OR EX SP 284, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5737005 1 MW 1:10-3:00
 5737010 2 WF 1:10-3:00

COACH THY&ADMIN ISS EX SP 315 3 CR.
 5372005 1 TR 11:00-12:20

REHAB ATHLETIC INJUR EX SP 326 3 CR.
 PREREQ: 323
 2639005 1 MWF 8:00-8:50

ATHLETIC TRAIN PRAC EX SP 327 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CR OR ENROLLMENT IN 326 & PERMISSION OF
 PROGRAM DIRECTOR
 5373005 1 ARRANGED

YOUTH SPORTS EX SP 331X 3 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5146005 1 TR 3:40-5:00

MGT HEALTH-FIT PROG EX SP 345 3 CR.
 FIELD TRIPS & TRAVEL FEE \$35.00
 7697005 TR 9:30-10:50

BIOMECHANICS EX SP 355 3 CR.
 PREREQ: 255, 258, H S 110, PHYS 106 OR 111
 RESTRICTED TO EX SP, HHP JUNIORS & SENIORS ONLY
 MATERIALS AND EQUIPMENT USE FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5752015 1 MW 8:00-8:50
 R 8:00-9:40
 5752020 2 MW 8:00-8:50
 R 10:00-11:40
 5752025 3 MW 9:00-9:50
 R 12:10-1:50
 5752030 4 MW 9:00-9:50
 R 2:10-3:50

EXERCISE AND SPORT SCIENCE

EXERCISE AND SPORT SCIENCE

PHYSIOLOGY EXERCISE EX SP 358 3 CR.

PREREQ: 255,258, H S 110, ZOO L 255,255L,256,256L
 COURSE RESTRICTED TO EX SP, C H E, HHP JUNIORS &
 SENIORS AND HHP GRAD STUDENTS ONLY
 MATERIALS AND EQUIPMENT USE FEE \$35.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

- 5766005 1 MW 12:10-1:00
T 8:00-9:40
- 5766010 2 MW 12:10-1:00
T 10:00-11:40
- 5766015 3 MW 12:10-1:00
T 12:10-1:50
- 5766020 4 MW 12:10-1:00
T 2:10-3:50

SOC SPORT & EXERCISE EX SP 360 3 CR.

PREREQ: 255,258, H S 110, SOC 134 AND ONE OF
 STAT 101, 104 OR 226; OR EX SP 470
 COURSE RESTRICTED TO EX SP JRS & SRS & HHP
 MAJORS

INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5753005 1 MWF 10:00-10:50
 5753010 2 MWF 11:00-11:50

SPORT PSYCHOLOGY EX SP 365 3 CR.

PREREQ: 255,258, H S 110, PSYCH 101 OR 230
 COURSE RESTRICTED TO EX SP JRS & SRS & HHP
 MAJORS

INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5754005 1 TR 12:40-2:00

EXERCISE PSYCHOLOGY EX SP 366 3 CR.

PREREQ: 255,258, H S 110, PSYCH 101 OR 230
 COURSE RESTRICTED TO EX SP & C H E JRS & SRS
 & HHP MAJORS ONLY
 7190005 1 TR 2:10-3:30

MOTOR CNTROL LIFESP EX SP 372 3 CR.

PREREQ: 255,258, H S 110, PSYCH 101 OR 230,
 ZOO L 255
 COURSE RESTRICTED TO EX SP JRS & SRS & HHP
 MAJORS.

- 9623015 A MW 1:10-2:00
R 8:00-9:40
- 9623020 B MW 1:10-2:00
R 10:00-11:40
- 9623025 C MW 2:10-3:00
R 12:10-1:50
- 9623030 D MW 2:10-3:00
R 2:10-3:50

TEACHNG PHYSICAL ED EX SP 375 3 CR.

PREREQ: 275, A MINIMUM OF 5 FUNDAMENTALS
 CLASSES, ADMISSION TO UNIVERSITY TEACHER EDUC
 PROGRAM ONE OR MORE SEMESTERS PRIOR TO ENROLLMENT
 5756005 1 MW 9:00-9:50
R 8:00-10:50
 5756010 2 MW 9:00-9:50
F 8:00-10:50

SEARCH STRAT EMPLOY EX SP 385 R CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: JUNIOR CLASSIFICATION; TO BE TAKEN
 MINIMUM OF 2 SEMESTERS PRIOR TO EX SP 485
 COURSE RESTRICTED TO EX SP, HHP JUNIORS AND ABOVE
 5761005 1 R 2:10-3:00
 5761010 2 F 1:10-2:00

SUPR TCHG-SECONDARY EX SP 417 8-12 CR.

PREREQ: 355,358,375,395,470,475, FULLY ADMITTED
 TO TEACHER ED, MUST APPLY FOR APPROVAL TO ENROLL AT
 BEGINNING OF THE SEMESTER PRIOR TO REGISTERING
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 5764005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK,
 PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

SUPR TCHG-ELEMENTARY EX SP 418 8 CR.

PREREQ: 275, 280, 355, 358, 375, 395, 470, 475
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 5765005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK,
 PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

ADMIN ATHLET TRAIING EX SP 425 3 CR.

PREREQ: 323, SENIOR CLASSIFICATION
 1154005 1 MWF 8:00-8:50

SPORT BUSI & FINANCE EX SP 435 3 CR.

PREREQ: 350, 352, 360, ECON 102, MGMT 371,
 MATH 104, STAT 101, ACCT 284
 COURSE RESTRICTED TO EX SP JRS & SRS &
 HHP MAJORS
 8559005 1 MWF 10:00-10:50

LEGAL ASPS OF SPORT EX SP 445 3 CR.

PREREQ: 360
 COURSE RESTRICTED TO EX SP JRS AND SRS &
 HHP MAJORS
 8560005 1 TR 9:30-10:50

PRIN FITNESS ASSESS EX SP 458 4 CR.

PREREQ: 358
 COURSE RESTRICTED TO EX SP, C H E JRS & SRS
 & HHP MAJORS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5767005 1 MWF 1:10-2:00
T 1:10-3:00
 5767010 2 MWF 1:10-2:00
T 3:10-5:00
 5767015 3 MWF 1:10-2:00
R 1:10-3:00
 5767020 4 MWF 1:10-2:00
R 3:10-5:00

INTERN EXER LEADRSH EX SP 459 1 CR.

PREREQ: C- OR BETTER IN 259, CPR CERTIFICATION,
 CONCURRENT ENROLLMENT IN 458
 CONCURRENT ENROLLMENT IN 458 IS REQUIRED.
 RESTRICTED TO EX SP, C H E JRS & SRS & HHP
 MAJORS ONLY.
 3473005 1 ARRANGED

EXERCISE AND SPORT SCIENCE

EXERCISE AND SPORT SCIENCE

MEDIC ASPECTS EXERC EX SP 462 3 CR.
 PREREQ: 358
 COURSE RESTRICTED TO EX SP JRS & SRS &
 HHP MAJORS ONLY
 5763005 TR 11:00-12:20

EVALUATION IN P E EX SP 470 3 CR.
 PREREQ: A MINIMUM OF FIVE FUNDAMENTALS CLASSES &
 ADMISSION TO UNIVERSITY TEACHER EDUCATION PROGRAM
 5770005 1 TR 8:00-9:15

NEURAL BASIS HM MVT EX SP 472X 3 CR.
 PREREQ: 372 OR PSYCH 310
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7322005 MW 3:10-4:30

FUNCTIONAL ANATOMY EX SP 480X 3 CR.
 PREREQ: ZOO 155, 156 OR ZOO 255
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6175005 1 TR 11:00-12:20

INTERNSHIP EXER SCI EX SP 485A 1-16 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: C- OR BETTER IN 458 AND 459, HHP MAJORS
 ONLY, CUMULATIVE GPA 2.0, SENIOR CLASSIFICATION AND
 ADVANCE REGISTRATION
 5772005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

INTERNSHP SPORT&ACT EX SP 485B 1-16 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: HHP MAJORS ONLY, CUM GPA 2.0, SENIOR
 CLASSIFICATION, ADVANCE REGISTRATION
 5773005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

INTERNSHP SPORT MGT EX SP 485C 1-16 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SENIOR CLASSIFICATN, ADVANCE RESERVATION,
 350, 352, 435, 445, CUMULATIVE GPA 2.0
 9624005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SUPR COACH INTSCHOL EX SP 486 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 220, 315, 355, 358, 365; PSYCH 230;
 SENIOR CLASSIFICATN, ADMISSION TO TEACHER ED
 PROGRAM,
 AND PERM OF INSTR; ADVANCE REGISTRATION REQUIRED
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5774005 ARRANGED

TRAINING PRACTICUM EX SP 488 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF PROGRAM DIRECTOR
 5775005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

IND STUDY EXER&SPRT EX SP 490A 1- 3 CR.
 PREREQ: 6 CR IN HHP AND PERMISSION OF COORDINATOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY COACHING EX SP 490B 1- 3 CR.
 PREREQ: 6 CR IN HHP AND PERMISSION OF COORDINATOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS EX SP 490H 1- 3 CR.
 PREREQ: 6 CR IN HHP AND PERMISSION OF COORDINATOR
 MEMBERSHIP IN UNIV HONORS PROGRAM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV MEDIC ASPCT EXE EX SP 510 2 CR.
 PREREQ: 358
 5782005 1 W 6:00-8:00PM

YOUTH SPORTS EX SP 531X 3 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5155005 1 TR 3:40-5:00

ADV PHYSIOL EXER II EX SP 551 3 CR.
 PREREQ: 505
 5792005 1 M 4:10-6:00PM
 W 4:10-6:00PM

ADV VERTEB PHYSL II EX SP 552 3 CR.
 PREREQ: ZOO 355; CR OR ENRLMT IN BBMB 420 OR 404
 2348005 1 MWF 2:10-3:00

NEURAL BASIS HM MVT EX SP 572X 3 CR.
 PREREQ: 372 OR PSYCH 310
 7327005 MW 3:10-4:30

SPECIAL TOPICS P E EX SP 590A 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP HEALTH PROMO EX SP 590B 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS SPORT MGT EX SP 590C 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EXERC PHYSL EX SP 590D 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

EXERCISE AND SPORT SCIENCE

SPL TOP SPORT SOCIO EX SP 590E 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT PSYCH EX SP 590F 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MOTOR LEARN EX SP 590G 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP BIOMECHANCS EX SP 590H 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXP P E EX SP 591A 1- 6 CR.
 PREREQ: 10 GRAD CR IN EX SP AND/OR RELATED AREAS
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUP FLD EXP SPT MGT EX SP 591C 1- 6 CR.
 PREREQ: 10 GRAD CR IN EX SP AND/OR RELATED AREAS
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUP FLD EXP EX PHYS EX SP 591D 1- 6 CR.
 PREREQ: 10 GRAD CR IN EX SP AND/OR RELATED AREA
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT EX SP 599 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR EX SP 615 1- 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5812005 ARRANGED

RESEARCH EX SP 699 1- 6 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

FAMILY & CONSUMER SCIENCES ED & STUDIES

FCS ORIENTATION FCEDS 110 .5- 1 CR.
 SATISFACTORY-FAIL ONLY.
 7813005 1 MW 12:10-1:00
 SECT 1:JAN 10-MARCH 4
 SECTION 1 RESTRICTED TO FRESHMEN &

SPECIALS
 7813010 2 S 8:00-3:00
 SECT 2:JAN 29
 SECTION 2 FOR TRANSFER STUDENTS ONLY

FAMILY & CONSUMER SCIENCES ED & STUDIES

STUDNT ASSESSMT VOC FCEDS 403 3 CR.
 PREREQ: ENROLLMENT IN 413
 8418005 TR 3:10-4:50, ARRANGED

CURRIC PLAN FAM&VOC FCEDS 413 3 CR.
 PREREQ: 306
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$0.00-\$15.00
 3985005 TR 1:10-2:50, ARRANGED

PROG PLAN FAMLY SCI FCEDS 415 3 CR.
 PREREQ: 15 CR IN FAMILY AND CONSUMER SCIENCES
 SUBJECT MATTER
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3986005 TR 2:10-3:30

SUPR TCHG VOC FAMLY FCEDS 417A 8 CR.
 PREREQ: 413, 24 CREDITS IN FAMILY & CONSUMER SCI
 SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO
 TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
 PROFESSIONAL SUPPORT FEE \$100.00
 3987005 1 ARRANGED

SUPV TCHG FAMLY SCI FCEDS 417B 3- 8 CR.
 PREREQ: 413, 24 CREDITS IN FAMILY & CONSUMER SCI
 SUBJECT MATTER, 2.50 CUM GPA, FULL ADMISSION TO
 TEACHER EDUCATION. ADVANCE RESERVATION REQUIRED
 PROFESSIONAL SUPPORT FEE \$37.50-\$100.00
 3988005 1 ARRANGED

SUPV EXP ED SERVICE FCEDS 418A 3- 8 CR.
 PREREQ: 415, 24 CREDITS IN FAMILY & CONSUMER SCI
 2313005 1 ARRANGED

SUPV EXP FCS STUDIE FCEDS 418B 3- 8 CR.
 PREREQ: 421, 24 CREDITS IN FAMILY & CONSUMER SCI
 2359005 1 ARRANGED

INT'L PERSPC FAMILY FCEDS 421 3 CR.
 PREREQ: 6 CREDITS IN FAMILY AND CONSUMER SCIENCES
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3991005 1 MWF 1:10-2:00

INTEGRTV FAMILY SCI FCEDS 460 1 CR.
 PREREQ: 160, SR CLASSIFICATION IN FCSED
 COURSE RESTRICTED FCEDS, FCSED MAJORS ONLY
 8415005 1 W 2:10-3:00
 MEETING TIME VARIES BY WEEK, CHECK
 SYLLABUS

INDEP STUDY GENERAL FCEDS 490G VAR. CR.
 PREREQ: DEPARTMENTAL APPROVAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS FCEDS 490H VAR. CR.
 PREREQ: DEPARTMENTAL APPROVAL, HONORS PROG MEMBER
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ADMINIST FCEDS 590B VAR. CR.
 PREREQ: 6 CREDITS IN FCS OR EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FAMILY & CONSUMER SCIENCES ED & STUDIES

SPCL TOP CURRICULUM FCEDS 590C VAR. CR.
 PREREQ: 6 CREDITS IN FCS OR EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP EVALUATION FCEDS 590D VAR. CR.
 PREREQ: 6 CREDITS IN FCS OR EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP TEACHER ED FCEDS 590E VAR. CR.
 PREREQ: 6 CREDITS IN FCS OR EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GENERAL FCEDS 590G VAR. CR.
 PREREQ: 6 CREDITS IN FCS OR EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HUMAN RELAT FCEDS 590K VAR. CR.
 PREREQ: 6 CREDITS IN FCS OR EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONSUMER ED FCEDS 590R VAR. CR.
 PREREQ: 6 CREDITS IN FCS OR EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROPOSAL WRITNG/PROF FCEDS 595X 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ENROLLMENT IN FCEDS GRADUATE PROGRAM, THE
 MFCS PROGRAM, OR THE DIETETICS CERTIFICATE PROGRAM
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8135005 ARRANGED
 COURSE DELIVERY IS WWW

CREATIVE COMPONENT FCEDS 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH FCEDS 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

FINANCE

PRINCIPL OF FINANCE FIN 301 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: ACCT 284, ECON 101, STAT 226
 SECTIONS A1,B1 RESTRICTED TO BUSINESS COLLEGE
 UNDERGRAD MAJORS ONLY. SECTIONS A2,B2 FOR ALL
 OTHER COLLEGES. NOT OPEN TO P BUS MAJORS.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3689005 A1 MWF 11:00-11:50
 3689010 A2 MWF 11:00-11:50
 3689015 B1 TR 5:30-6:45PM
 3689020 B2 TR 5:30-6:45PM

CORPORATE FINANCE FIN 310 3 CR.
 PREREQ: 301
 SECTS A1,B1,C1 RESTRICTED TO FINANCE MAJORS.
 SECTS A2,B2,C2 FOR BUSINESS MAJORS ONLY. NOT OPEN
 TO P BUS MAJORS OR GRADUATE STUDENTS.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3691005 A1 TR 12:40-2:00
 3691010 A2 TR 12:40-2:00
 3691015 B1 TR 2:10-3:30
 3691020 B2 TR 2:10-3:30
 3691025 C1 TR 9:30-10:50

FINANCE

CORPORATE FINANCE FIN 310 3 CR.
 3691030 C2 TR 9:30-10:50

INVESTMENTS FIN 320 3 CR.
 PREREQ: 301
 SEC A1,B1,C1 RESTRICTED TO FIN MAJORS ONLY.
 SEC A2,B2,C2 FOR ACCT, BUS S, BUS U, I BUS, MGMT,
 MIS, MKT, POM, TRLOG MAJORS ONLY.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3692005 A1 TR 12:40-2:00
 3692010 A2 TR 12:40-2:00
 3692015 B1 TR 3:40-5:00
 3692020 B2 TR 3:40-5:00

FINAN MKTS&INSTITUT FIN 330 3 CR.
 PREREQ: 301
 COURSE RESTRICTED TO FIN MAJORS ONLY
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6829005 A MWF 11:00-11:50
 6829010 B MWF 12:10-1:00

PERSNL RISK MGT&INS FIN 361 3 CR.
 PREREQ: ECON 101
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3693005 A1 MWF 10:00-10:50
 SECTION A1 FOR FIN MAJORS ONLY
 3693010 A2 MWF 10:00-10:50
 SECTION A2 FOR MAJORS OTHER THAN FIN, P
 BUS

REAL ESTATE PRINCIP FIN 371 3 CR.
 PREREQ: ECON 101
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3690005 A W 5:10-7:40PM

FIN FUTURES&OPTIONS FIN 424 3 CR.
 PREREQ: 320, STAT 326
 COURSE RESTRICTED TO FIN MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3697005 A TR 9:30-10:50

SECUR ANALY&PORTFOL FIN 425 3 CR.
 PREREQ: 320, STAT 326, PERMISSION OF INSTRUCTOR
 7201005 A TR 2:10-3:30
 COLLEGE PERMISSION REQUIRED TO ADD
 DURING
 1ST WEEK; GO TO 1200 GERDIN

BANK MGT DECISIONS FIN 445 3 CR.
 PREREQ: STAT 326 AND FIN 330 OR ECON 353
 COURSE RESTRICTED TO FIN AND AG B MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3696005 A MWF 9:00-9:50

FINANCE

CORPOR RISK MGT&INS FIN 462 3 CR.
 PREREQ: 301, STAT 326
 COURSE FOR GRADUATE STUDENTS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 9268005 A MWF 9:00-9:50

INDEPENDENT STUDY FIN 490 1- 3 CR.
 PREREQ: 301, STAT 326, PERMISSION OF INSTRUCTOR
 COURSE RESTRICTED TO FIN MAJORS ONLY
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

BANKING INTERNSHIP FIN 499A 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 330,445; STAT 326; GPA 2.5; PERMISSION OF
 INTERNSHIP COORDINATOR
 9403005 ARRANGED
 COLLEGE PERMISSION REQUIRED TO ADD
 DURING 1ST WEEK; GO TO 1200 GERDIN

INSURANCE INTERNSHP FIN 499B 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 361; STAT 326; GPA 2.5; PERMISSION OF
 INTERNSHIP COORDINATOR
 9555005 ARRANGED
 COLLEGE PERMISSION REQUIRED TO ADD
 DURING 1ST WEEK; GO TO 1200 GERDIN

INTERNS REAL ESTATE FIN 499C 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 472; STAT 326; GPA 2.5; PERMISSION OF
 INTERNSHIP COORDINATOR
 3098005 ARRANGED
 COLLEGE PERMISSION REQUIRED TO ADD
 DURING 1ST WEEK; GO TO 1200 GERDIN

FIN VALU&CORP DECIS FIN 505 2 CR.
 PREREQ: GRADUATE CLASSIFICATION
 COURSE RESTRICTED TO BUSAD GRADUATE MAJORS
 9124005 R M 8:30-11:50
 F 1:10-4:30
 SECT R:JAN 21-MARCH 7
 MEETS MONDAYS JAN 24-MARCH 7 AND FRIDAY
 JAN 21
 9124010 S S 8:30-11:50
 S 1:10-4:30
 SECT S:JAN 15-MARCH 5
 MEETS AFTERNOONS ONLY JAN 15-FEB 5.
 MEETS MORNINGS ONLY FEB 11-MARCH 5.

CASE STD FIN DECISN FIN 515 3 CR.
 PREREQ: 505
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7163005 A W 6:00-9:30PM
 SECT A:JAN 19-APRIL 13

INVESTMENTS FIN 520 3 CR.
 PREREQ: 505
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 3704010 S S 1:10-4:30

FINANCE

SPECIAL TOPICS FIN 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOOD SCIENCE & HUMAN NUTRITION

FOOD & THE CONSUMER FS HN 101 3 CR.
 PREREQ: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR
 3 CREDITS EACH OF BIOLOGY AND CHEMISTRY
 3659005 MWF 11:00-11:50

FUND OF FOOD PREPAR FS HN 111 3 CR.
 PREREQ: 101 OR 167; H.S. CHEMISTRY OR CHEM 160
 MATERIALS FEE \$30.00
 3602005 1 MW 1:10-2:00
 M 2:10-5:00
 3602010 2 MW 1:10-2:00
 W 2:10-5:00
 3602015 3 MW 1:10-2:00
 F 1:10-4:00

INTRO HUMAN NUTRITN FS HN 167 3 CR.
 PREREQ: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY
 3600005 1 MWF 8:00-8:50
 3600010 2 MWF 8:00-8:50
 SECTION 2 RESTRICTED TO C H E, EX SP,
 HHP MAJORS
 3600015 3 MWF 8:00-8:50
 SECTION 3 RESTRICTED TO FS A, FS F, NS
 A, NS F,
 DIETA, DIETF MAJORS ONLY

ISSU FOOD SCI&NUTRI FS HN 203 1 CR.
 8685005 1 M 12:10-1:00
 8685010 2 W 12:10-1:00
 8685015 3 F 10:00-10:50

SCIENTIF STUDY FOOD FS HN 214 5 CR.
 PREREQ: 167 OR 261; CHEM 231 OR 331
 MATERIALS FEE \$35.00
 3603005 1 MWF 1:10-2:00
 TR 9:00-11:50
 3603010 2 MWF 1:10-2:00
 TR 1:10-4:00

FUND HUMAN NUTRITN FS HN 261 2 CR.
 PREREQ: CREDIT OR ENRLMT IN BBMB 301 OR BIOL 302
 5573005 1 WF 3:10-4:00

NUTRI ACTIV LIFSTYL FS HN 265X 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN BBMB 301
 6232005 1 MW 9:00-10:50

COOPERATV EDUCATION FS HN 298 R CR.
 PREREQ: PERMSN OF DEPT CHAIR; SOPH CLASSIFICATION
 3551005 1 ARRANGED

WORLD FOOD ISSUES FS HN 342 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1923005 1 TR 11:00-12:20 ZDORKOWSKI G
 1923010 2 MWF 11:00-11:50 FORD C

FOOD SCIENCE & HUMAN NUTRITION

FOOD SCIENCE & HUMAN NUTRITION

UNIT OP FOOD PROCES FS HN 351 3 CR.
 PREREQ: A COURSE IN CALCULUS, PHYS 106
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7085005 1 MWF 9:00-9:50

HUMAN NUTRITION LAB FS HN 361 2 CR.
 PREREQ: CR OR ENROLLMT IN 360; 3 CREDITS IN STAT
 MATERIALS FEE \$35.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3608005 1 T 1:10-2:00
 T 2:10-5:00
 3608010 2 T 1:10-2:00
 R 1:10-4:00

NUTRIT GROWTH & DEV FS HN 362 3 CR.
 PREREQ: 360; CR OR ENRLLMT IN A PHYSIOLOGY COURSE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7271005 MWF 2:10-3:00

COOPERATV EDUCATION FS HN 398 R CR.
 PREREQ: PERMSN OF DEPT CHAIR; JUNIOR CLASSIFICATN
 3596005 1 ARRANGED

FOOD LAWS®L PROC FS HN 403 2 CR.
 PREREQ: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT
 200 LEVEL OR ABOVE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3679005 TR 8:00-8:50

FOOD QUAL ASSURANCE FS HN 405 3 CR.
 PREREQ: 214 OR 272 OR 471; STAT 101 OR 104
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3667005 MF 1:10-2:00
 W 1:10-3:00

SAFTY FOOD FROM ANI FS HN 407 3 CR.
 1882005 A TR 9:30-10:50

FOOD ANALYSIS FS HN 410 3 CR.
 PREREQ: 203, 214 OR 311 OR BBMB 311 OR CHEM 211
 MATERIALS FEE \$35.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3668005 1 MW 10:00-10:50
 T 9:00-11:50
 3668010 2 MW 10:00-10:50
 R 9:00-11:50

FOOD PRODUCT DEVELP FS HN 412 4 CR.
 PREREQ: 311 OR 411, 471
 MATERIALS FEE \$40.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3618005 1 TR 1:10-2:00
 TR 2:10-5:00

DIETETICS MANAGEMNT FS HN 441 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: FOR STUDENTS ENROLLED IN THE DIETETIC
 INTERNSHIP PROGRAM
 4314005 ARRANGED

EXPER COMMUNTY DIET FS HN 445 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: FOR STUDENTS ENROLLED IN THE DIETETIC
 INTERNSHIP PROGRAM
 4331005 ARRANGED

EXPERIENCE DIETETIC FS HN 446 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: FOR STUDENTS ENROLLED IN DIETETICS
 INTERNSHIP
 6633005 ARRANGED

PROF DEVEL ASSESSMT FS HN 448 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CONCURRENT ENROLLMNT DIETETIC INTERNSHIP
 6885005 1 ARRANGED

COMMUNITY NUTRITION FS HN 463 3 CR.
 PREREQ: 203, 362; CREDIT OR ENROLLMENT IN 466
 MEETS U.S. DIVERSITY & INTL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3614005 TR 11:00-12:20

DISEA&NUTRI THER II FS HN 464 3 CR.
 PREREQ: 461
 4599005 A TR 9:30-10:50

NUTRI COUNS&ED METH FS HN 466 3 CR.
 PREREQ: 203, 362; SP CM 212
 THIS IS A WORLD WIDE WEB COURSE. SCHEDULED HOURS
 ARE FOR EXAMS AND PROJECT CONFERENCE.
 3616005 1 MW 9:00-10:50
 ARRANGED
 COURSE DELIVERY IS WWW

SEM FOOD SCI & NUTR FS HN 480 1 CR.
 PREREQ: SENIOR CLASSIFICATION IN THE DEPARTMENT
 3611005 1 MW 12:10-1:00
 SECT 1:JAN 10-MARCH 4
 3611010 2 MW 12:10-1:00
 SECT 2:JAN 10-MARCH 4
 3611015 3 MW 3:10-4:00
 SECT 3:JAN 10-MARCH 4

ISSUES FOOD SAFETY FS HN 489 1 CR.
 PREREQ: 419 OR 420; 403; CREDIT OR ENROLLMENT
 IN 101 OR 272 OR HRI 233
 8347005 MW 3:10-4:00
 MARCH 7-MAY 6

IND STUDY DIETETICS FS HN 490A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 NO MORE THAN 6 CREDITS OF FS HN 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FOOD SCI FS HN 490B VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 NO MORE THAN 6 CREDITS OF FS HN 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOOD SCIENCE & HUMAN NUTRITION

FOOD SCIENCE & HUMAN NUTRITION

IND STUDY NUTRITION FS HN 490C VAR. CR.

PREREQ: PERMISSION OF INSTRUCTOR
NO MORE THAN 6 CREDITS OF FS HN 490 MAY BE APPLIED TOWARD GRADUATION
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS FS HN 490H VAR. CR.

PREREQ: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
NO MORE THAN 6 CREDITS OF FS HN 490 MAY BE APPLIED TOWARD GRADUATION
***** SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK DIETETICS FS HN 491A VAR. CR.

SATISFACTORY-FAIL ONLY.
PREREQ: ADVANCE APPROVAL OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
COURSE ONLY OFFERED FOR 1-3 CREDITS SPRING 2005.
A MAXIMUM OF 3 CREDITS IN FS HN 491A,B,C MAY BE APPLIED TOWARD GRADUATION.
***** SEE DEPT FOR REFERENCE NUMBERS

SUPRV WORK FOOD SCI FS HN 491B VAR. CR.

SATISFACTORY-FAIL ONLY.
PREREQ: ADVANCE APPROVAL OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
COURSE ONLY OFFERED FOR 1-3 CREDITS SPRING 2005.
A MAXIMUM OF 3 CREDITS IN FS HN 491A,B,C MAY BE APPLIED TOWARD GRADUATION.
***** SEE DEPT FOR REFERENCE NUMBERS

SUPR WORK NUTRITION FS HN 491C VAR. CR.

SATISFACTORY-FAIL ONLY.
PREREQ: ADVANCE APPROVAL OF INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
COURSE ONLY OFFERED FOR 1-3 CREDITS SPRING 2005.
A MAXIMUM OF 3 CREDITS IN FS HN 491A,B,C MAY BE APPLIED TOWARD GRADUATION.
***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATV EDUCATION FS HN 498 R CR.

PREREQ: PERMSN OF DEPT CHAIR; SENIOR CLASSIFICATN
3601005 1 ARRANGED

UNDERGRAD RESEARCH FS HN 499 VAR. CR.

PREREQ: PERMISSION OF STAFF MEMBER WITH WHOM STUDENT PROPOSES TO WORK
A MAXIMUM OF 6 CREDITS OF FS HN 499 MAY BE APPLIED TOWARD GRADUATION
***** SEE DEPT FOR REFERENCE NUMBERS

ADV FOOD SCI - CHEM FS HN 502 1 CR.

PREREQ: 3 CREDITS IN ORGANIC CHEMISTRY
3606005 1 TR 2:10-3:30
SECT 1:JAN 10-FEB 11

ADV FOOD SCI:PROCES FS HN 503 1 CR.

PREREQ: 3 CREDITS EACH IN PHYSICS AND MATH
3625005 1 TR 2:10-3:30
SECT 1:APRIL 4-MAY 6

ADV FOOD SCI:MICROB FS HN 504 1 CR.

PREREQ: 3 CR EACH MICROBIOL & ORGANIC CHEMISTRY
3632005 1 TR 2:10-3:30
SECT 1:FEB 15-MARCH 24

SAFTY FOODFROM ANI FS HN 507 3 CR.

2196005 A TR 9:30-10:50

FOOD PRODUCT DEVELP FS HN 512 4 CR.

PREREQ: 311 OR 411, 471
MATERIALS FEE \$40.00
5580005 1 TR 1:10-2:00
TR 2:10-5:00

INTRO DNA TECHNIQS FS HN 542A 1 CR.

SATISFACTORY-FAIL ONLY.
7123005 TR 1:10-2:00
TR 2:10-4:00
JAN 11-FEB 10

INTR PROTEIN TECHNQ FS HN 542B 1 CR.

SATISFACTORY-FAIL ONLY.
7124005 TR 1:10-2:00
TR 2:10-4:00
FEB 15-MARCH 24

INTRO CELL TECHNIQS FS HN 542C 1 CR.

SATISFACTORY-FAIL ONLY.
7130005 TR 1:10-2:00
TR 2:10-4:00
MARCH 29-APRIL 28

INTR PLNT TRNSFM TQ FS HN 542D 1 CR.

SATISFACTORY-FAIL ONLY.
7131005 ARRANGED
FEB 9-APRIL 20

PROF DEVEL ASSESSMT FS HN 548 1 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: CONCURRENT ENROLLMENT IN DIETETIC INTERNSHIP OR MFCS DIETETIC OPTION
6980005 1 ARRANGED

BIOCHEM&P:MACRONUTR FS HN 553 3 CR.

PREREQ: BBMB 420, OR BBMB 404 AND CREDIT OR ENROLLMENT IN BBMB 405
7794005 TR 3:40-5:00

ASSESMT NUTR STATUS FS HN 562 3 CR.

PREREQ: 461/561 OR 553
5596005 T 5:30-8:30PM

DIS&NUTR THERAPY II FS HN 564 3 CR.

PREREQ: 561
5598005 A TR 9:30-10:50

NUTRI COUNS&ED METH FS HN 566 3 CR.

PREREQ: GRAD STUDENT STATUS
THIS IS A WORLD WIDE WEB COURSE. SCHEDULED HOURS ARE FOR EXAMS AND PROJECT CONFERENCE.
2223005 1 MW 9:00-10:50
ARRANGED
COURSE DELIVERY IS WWW

FOREIGN LANGUAGES & LITERATURES

FOOD SCIENCE & HUMAN NUTRITION

SEMINAR FS HN 581 1 CR.
 SATISFACTORY-FAIL ONLY.
 7974005 T 11:00-11:50

SPCL TOPICS NUTRITN FS HN 590A VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FOOD SCI FS HN 590B VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING FS HN 590C VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 1 CREDIT SPRING 2005
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP FS HN 593 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 3646005 ARRANGED
 WORKSHOP FEE APPLIES

PROPOSAL WRITNG/PROF FS HN 595X 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ENROLLMENT IN FCEDS GRADUATE PROGRAM, THE
 MFCS PROGRAM, OR THE DIETETICS CERTIFICATE PROGRAM
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8122005 ARRANGED
 COURSE DELIVERY IS WWW

CREATIVE COMPONENT FS HN 599 VAR. CR.
 3213005 ARRANGED

INSTRU MEAS FD QUAL FS HN 606 3 CR.
 PREREQ: 311 OR 411 OR 502 OR BBMB 404
 MATERIALS FEE \$30.00
 3649005 1 TR 9:00-9:50
 R 10:00-12:50

FOOD CARBOHYDRATES FS HN 614 3 CR.
 PREREQ: 311 OR 411 OR 502 OR BBMB 404
 3684005 MWF 1:10-2:00

NATURAL TOXINS FS HN 643 3 CR.
 PREREQ: COURSES IN BIOCHEMISTRY AND PHYSIOLOGY
 8173005 ARRANGED

MODERN VIEWS NUTR FS HN 680 R CR.
 3656005 W 4:10-5:00

SEMINAR FS HN 681 1 CR.
 3648005 W 4:10-5:00

RESEARCH NUTRITION FS HN 699A VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH FOOD SCI FS HN 699B VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

STUDNT TCH FRN LANG F LNG 417G VAR. CR.
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 8139005 1 ARRANGED
 SECT 1:JAN 10-APRIL 8
 SECTION 1 OFFERED FOR 12 CREDITS

8139010 2 ARRANGED
 SECT 2:FEB 7-MAY 6
 SECTION 2 OFFERED FOR 12 CREDITS

8139015 3 ARRANGED
 SECTION 3 OFFERED FOR 8 CREDITS.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

FORESTRY

WOOD ANAT &PROPERTI FOR 280 4 CR.
 1420005 A TR 9:30-10:50
 T 12:10-3:00

PESTICIDE APPL CERT FOR 283 2 CR.
 5219005 MW 2:10-3:00

SILVICULTURE FOR 302 3 CR.
 PREREQ: 201
 FIELD TRIPS & TRAVEL FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3718005 A MF 2:10-3:00
 W 2:10-5:00

FOREST PEST MGT FOR 416 4 CR.
 PREREQ: 8 CR IN BIOL SCI, INCLUDING BIOL 201
 FIELD TRIPS & TRAVEL FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3729005 1 TR 11:00-12:20
 T 12:10-3:00

FOREST RESOURC ECON FOR 451 4 CR.
 PREREQ: 203, ECON 101, MATH 150
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3731005 A MWF 10:00-10:50
 R 3:10-6:00PM

RESOURCE POLICY&ADM FOR 453 3 CR.
 PREREQ: 451
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3733005 A MWF 1:10-2:00

FORESTRY PRACTICUM FOR 454 3 CR.
 PREREQ: 20 CREDITS IN STUDENT'S MAJOR AT
 300-LEVEL OR ABOVE
 MATERIALS FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3734005 A F 9:00-9:50
 MW 8:00-9:50

URBN FOR PLAN&POLCY FOR 476 2 CR.
 PREREQ: 475, SENIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5628005 A TR 8:00-8:50

FORESTRY

RESOURCE ALLOCATION FOR 570 3 CR.
 PREREQ: 451 OR TWO COURSES IN ECONOMICS
 3757005 A WF 3:10-4:00
 M 3:10-6:00PM

CR COMP FOR BIOLOGY FOR 599A 1- 8 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOMETRY FOR 599B 1- 8 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FO&REC ECON FOR 599C 1- 8 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR MGT&ADM FOR 599D 1- 8 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CRTV COMPO WOOD SCI FOR 599E 1- 8 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

TREE GROWTH & DEVEL FOR 603 4 CR.
 PREREQ: 301 OR A COURSE IN PLANT PHYSIOLOGY
 3779005 ARRANGED

SEM PLT PHYSL,MOLEC FOR 696 1 CR.
 7760005 W 4:10-5:00

FOREST BIOLGY RSRCH FOR 699A 1- 9 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOR BIOMETRY RESRCH FOR 699B 1- 9 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOR ECONOMICS RSRCH FOR 699C 1- 9 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

FOR MGT&ADMIN RSRCH FOR 699D 1- 9 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

WOOD SCIENCE RESRCH FOR 699E 1- 9 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

FORESTRY

RSRCH PLANT PHYSIOL FOR 699F 1- 9 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

FRENCH

ELEMENTARY FRENCH II FRNCH 102 4 CR.
 PREREQ: 101 OR 97
 STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
 SCHOOL FRENCH MAY NOT ENROLL IN 102. CREDIT FOR ONLY
 ONE OF FRNCH 110, FRNCH 160, OR THE FRNCH 101-102
 SEQUENCE MAY BE APPLIED TOWARD GRADUATION.
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.

3804005 1 MTWRF 9:00-9:50
 3804015 2 MTWRF 10:00-10:50
 3804020 3 MTWRF 11:00-11:50
 3804025 4 MTWRF 1:10-2:00

INTERMED FRENCH II FRNCH 202 4 CR.
 PREREQ: 201
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3809005 1 MTWRF 10:00-10:50
 3809010 2 MTWRF 1:10-2:00

BUSINESS FRENCH FRNCH 304 3 CR.
 PREREQ: 301
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5887005 TR 9:30-10:50

PRONUNCIAT&PHONETCS FRNCH 310 1 CR.
 PREREQ: CREDIT OR CONCURRENT ENROLLMENT IN 301
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 6201005 M 2:10-3:00

TEXTUAL ANALYSIS FRNCH 314 3 CR.
 PREREQ: 301
 6179005 1 TR 12:40-2:00
 6179010 2 TR 2:10-3:30

FRNCH LIT TRADITION FRNCH 334 3 CR.
 PREREQ: 314
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3816005 1 TR 11:00-12:20

FR FILM STD IN ENGL FRNCH 378 3 CR.
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 6267005 MW 1:10-3:00, ARRANGED

MODERN FRANCE&CIVLZ FRNCH 472 3- 4 CR.
 PREREQ: FOR FOURTH CREDIT: 314
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3815005 MWF 1:10-2:00
 ARRANGED

INDEPENDENT STUDY FRNCH 490 1- 6 CR.
 PREREQ: PERMISSION OF FRENCH STAFF AND DEPT CHAIR
 NO MORE THAN 9 CREDITS IN FRNCH 490 MAY BE
 APPLIED TOWARD GRADUATION
 PERMISSION OF DEPARTMENT CHAIR REQUIRED,
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

FRENCH

FRENCH INTERNSHIP FRNCH 499 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 9 CREDITS OF FRENCH AT THE 300 LEVEL;
 PERMISSION OF ADVISOR AND FOREIGN LANGUAGE AND
 LITERATURE INTERNSHIP COORDINATOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

GENETICS

ISSUES IN GENETICS GEN 121X 3 CR.
 7580005 W 4:10-7:00PM

COOPERATIVE EDUCATN GEN 298 R CR.
 PREREQ: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR; SOPHOMORE CLASSIFICATION
 4225005 ARRANGED

PRINCIP OF GENETICS GEN 301 3 CR.
 PREREQ: BIOL 201L AND 202L, CREDIT OR ENROLLMENT
 IN ORGANIC CHEMISTRY
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 301 AND
 301L, GEN/AGRON 320
 9559005 1 MWF 1:10-2:00

GENETICS LABORATORY GEN 301L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 301
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 301 AND
 301L, GEN/AGRON 320
 MATERIALS FEE \$40.00
 9560005 1 T 9:00-9:50
 T 10:00-11:50
 9560010 2 T 1:10-2:00
 T 2:10-4:00
 9560015 3 T 6:00-6:50PM
 T 7:00-8:50PM
 9560020 4 R 9:00-9:50
 R 10:00-11:50
 9560025 5 R 1:10-2:00
 R 2:10-4:00
 9560030 6 R 6:00-6:50PM
 R 7:00-8:50PM

BIOTEC AG, FOOD, HLTH GEN 308 3 CR.
 PREREQ: BIOL 201 AND 202
 5280005 ARRANGED
 COURSE DELIVERY IS WWW
 SECTION INFO:
<http://project.bio.iastate.edu/>

GENET, AGRI&BIOTECHN GEN 320 3 CR.
 PREREQ: BIOL 202
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
 APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 301 AND
 301L, GEN/AGRON 320
 3539005 TR 8:00-9:20

COOPERATIVE EDUCATN GEN 398 R CR.
 PREREQ: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR; JUNIOR CLASSIFICATION
 4262005 ARRANGED

GENETICS

MOLECULAR GENETICS GEN 411 3 CR.
 PREREQ: BIOL 302
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3832005 A MWF 9:00-9:50

EVOLUTNARY GENETICS GEN 462 3 CR.
 PREREQ: BIOL 303
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3835005 TR 9:30-10:50

GENETICS RESEARCH GEN 490R 1- 5 CR.
 PREREQ: 301, JR/SR CLASSIFICATION, INSTR PERMSN
 AG COLLEGE STUDENTS MAY APPLY NO MORE THAN
 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE
 MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ATTENDANCE GEN 490S 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 301, JR/SR CLASSIFICATION, INSTR PERMSN
 AG COLLEGE STUDENTS MAY APPLY NO MORE THAN
 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE
 MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LAB TCHG EXPERIENCE GEN 490U 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 301, JR/SR CLASSIFICATION, INSTR PERMSN
 AG COLLEGE STUDENTS MAY APPLY NO MORE THAN
 6 CREDITS OF GEN 490 TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE
 MAY APPLY NO MORE THAN 9 CREDITS OF GEN 490 TOWARD
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC GEN 498 R CR.
 PREREQ: PERMISSION OF DEPT COOPERATIVE EDUCATION
 COORDINATOR; SENIOR CLASSIFICATION
 4281005 ARRANGED

BIOTEC AG, FOOD, HLTH GEN 508 3 CR.
 PREREQ: BIOL 201 AND 202
 5297005 ARRANGED
 COURSE DELIVERY IS WWW
 SECTION INFO:
<http://project.bio.iastate.edu/>

MOLECULAR GENETICS GEN 511 3 CR.
 PREREQ: BIOL 301 AND BBMB 405
 7342005 A MWF 9:00-9:50

PLANT GROWTH&DEVELP GEN 512 2 CR.
 PREREQ: BOT 320 OR A COURSE IN DEVELOPMTL BIOL;
 545 OR BBMB 404, 405 OR GEN 520
 3513005 MW 10:00-10:50

STAT MOLECUCLR GENET GEN 537 3 CR.
 PREREQ: 536
 3845005 TR 3:40-5:00

GEOLOGY

GENETICS

COMP GENOMICS& EVOL GEN 556 3 CR.
 PREREQ: BIOL 301
 6761005 TR 3:40-5:00

EVOLUTNARY GENETICS GEN 562 3 CR.
 PREREQ: BIOL 303
 3847005 TR 9:30-10:50

PRO PRACTC RESEARCH GEN 565A .5 CR.
 PREREQ: GRADUATE LEVEL STANDING OR PERMISSION
 OF INSTRUCTOR
 7873005 1 T 12:10-1:00
 7873010 2 ARRANGED

PRO PRAC INTEL PROP GEN 565B .5 CR.
 PREREQ: GRADUATE LEVEL STANDING OR PERMISSION
 OF INSTRUCTOR
 7875005 ARRANGED

PRO LIFE SCIETHICS GEN 565C .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 1915005 ARRANGED

PRO PLNT BREED ETHC GEN 565D .5 CR.
 7388005 R 1:10-3:00

SPECIAL TOPICS GEN 590 1- 3 CR.
 PREREQ: 301 OR 320
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMPUTNL MOLEC BIOL GEN 594 3 CR.
 PREREQ: BCB 484, BCB 495, STAT 432 OR EQUIVALENT
 COURSES AND PROGRAMMING EXPERIENCE (C,C++, OR PERL)
 5658005 TR 9:30-10:50

SEM PLT PHYSL,MOLEC GEN 696 1 CR.
 8062005 W 4:10-5:00

SEMINAR IN MCDB GEN 698 1- 2 CR.
 COURSE OFFERED FOR 1 CREDIT ONLY SPRING 2005
 3856005 M 3:10-5:00

RESEARCH GEN 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

THE EARTH GEOL 100 3 CR.
 3870005 A MWF 11:00-11:50
 3870010 B MWF 1:10-2:00

THE EARTH: LAB GEOL 100L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 100
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00
 7595005 1 T 10:00-11:50
 7595010 2 T 1:10-3:00
 7595015 3 R 1:10-3:00
 7595020 4 R 10:00-11:50

ENVIRONMNTL GEOLOGY GEOL 101 3 CR.
 7596005 A MWF 10:00-10:50

HISTORY OF EARTH GEOL 102 3 CR.
 PREREQ: 100 OR 201
 3874005 A MWF 10:00-10:50

HIST OF EARTH: LAB GEOL 102L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 102
 MATERIALS FEE \$15.00
 7597005 R 3:10-5:00

INDEPENDENT STUDY GEOL 290 2- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC GEOL 298 R CR.
 PREREQ: 100 OR 201, 100L, 102, 102L, PERMISSION
 OF DEPT COOP EDUC COORDINATOR; SOPH CLASSIFICATION
 4828005 ARRANGED

ENERGY &THE ENVIRON GEOL 324 3 CR.
 MTEOR/GEOL/ENV S 324 DOES NOT APPLY TOWARD
 CREDITS REQUIRED IN THE MTEOR MAJOR
 FIELD TRIPS & TRAVEL FEE \$0.00-\$50.00
 3045005 1 MWF 11:00-11:50

STRUCTURAL GEOLOGY GEOL 356 5 CR.
 PREREQ: 100 OR 201, MATH 165 OR 181, PHYS 111 OR
 221 (PREFERRED)
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$95.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3882005 A MWF 9:00-9:50
 TR 9:00-11:50

PETROLOGY GEOL 365 5 CR.
 PREREQ: 311
 FIELD TRIPS & TRAVEL FEE \$0.00-\$90.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3883005 1 MWF 3:10-4:00
 TR 2:10-5:00

COOPERATIVE EDUC GEOL 398 R CR.
 PREREQ: 100 OR 201, 100L, 102, 102L, PERMISSION
 OF DEPT COOP EDUC COORDINATOR; JUNIOR CLASSIFICATION
 4829005 ARRANGED

ENVIRONM BIOGEOCHEM GEOL 403 4 CR.
 PREREQ: ENSCI 330 OR PERMISSION OF INSTRUCTOR
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4727005 MWF 1:10-2:00
 W 2:10-4:00

GENETICS - INTERDISCIPLINARY

SPECIAL TOPICS GENET 590 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORKSHP IN GENETICS GENET 591 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 9313005 W 3:10-4:00

GRAD RESEARCH ROTAT GENET 697 VAR. CR.
 9316005 SR ARRANGED

RESEARCH GENET 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

GEOLOGY

PALEOCLIMATOLOGY GEOL 415X 3 CR.

PREREQ: FOUR COURSES IN THE PHYSICAL OR
BIOLOGICAL SCIENCES AT THE 200 LEVEL OR ABOVE
6233005 1 MWF 11:00-11:50

CONTAMIN HYDROGEOLG GEOL 434 3 CR.

PREREQ: 411 OR EQUIVALENT
MATERIALS FEE \$15.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
1020005 TR 11:00-12:20

APPL&ENVIR GEOPHYSIC GEOL 451 3 CR.

PREREQ: 100 OR 201; MATH 165 OR EQUIV EXPERIENCE
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
7599005 1 MW 10:00-10:50
F 8:00-9:50

GLACIAL &QUATERNARY GEOL 474 3 CR.

PREREQ: 100 OR 201 OR EQUIVALENT EXPERIENCE
FIELD TRIPS & TRAVEL FEE \$0.00-\$70.00
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8422005 TR 9:30-10:20
R 12:40-2:40

INDEPENDENT STUDY GEOL 490 2- 4 CR.

PREREQ: 6 CR IN GEOLOGY & PERMISSN OF INSTRUCTOR
NO MORE THAN 9 CREDITS OF GEOL 490 MAY BE
APPLIED TOWARD GRADUATION
***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD SEMINAR GEOL 495X 1 CR.

PREREQ: JUNIOR OR SENIOR CLASSIFICATION IN
GEOLOGY OR PERMISSION OF INSTRUCTOR
8231005 F 4:10-6:00PM

COOPERATIVE EDUCATN GEOL 498 R CR.

PREREQ: GEOL 100 OR 201, 100L, 102, 102L, PERMISN
OF DEPT COOP EDUC COORDINATOR; SENIOR CLASSIFICATION
4830005 ARRANGED

PALEOCLIMATOLOGY GEOL 515X 3 CR.

PREREQ: FOUR COURSES IN THE PHYSICAL OR
BIOLOGICAL SCIENCES AT THE 200 LEVEL OR ABOVE
6235005 1 MWF 11:00-11:50

CONTAMIN HYDROGEOLG GEOL 534 3 CR.

PREREQ: 511 OR EQUIVALENT
MATERIALS FEE \$15.00
1021005 TR 11:00-12:20

APPL&ENVIR GEOPHYSIC GEOL 551 3 CR.

PREREQ: 100 OR 201; MATH 165 OR EQUIV EXPERIENCE
7602005 1 MW 10:00-10:50
F 8:00-9:50

GLACIAL &QUATERNARY GEOL 574 3 CR.

PREREQ: 100 OR 201
FIELD TRIPS & TRAVEL FEE \$0.00-\$70.00
8423005 TR 9:30-10:20
R 12:40-2:40

SPL TOP SURFIC PROC GEOL 590A 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP STRATIGRAPH GEOL 590B 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SEDIMENTATN GEOL 590C 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PALEONTOLGY GEOL 590D 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS PETROLOGY GEOL 590E 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP STRUCTURAL GEOL 590F 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GEOCHEM GEOL 590G 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS HYDROGEOLG GEOL 590H 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS EARTH SCI GEOL 590I 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MIN RESOURC GEOL 590J 1- 3 CR.

***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP GEOPHYSICS GEOL 590K 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP MINERALOGY GEOL 590L 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS TECTONICS GEOL 590M 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP PALEOECO&CLI GEOL 590N 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ISOTP GCHEM GEOL 590O 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPUTA&GIS GEOL 590P 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
***** SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

GRADUATE SEMINAR GEOL 595A 1 CR.
 SATISFACTORY-FAIL ONLY.
 8219005 F 4:10-6:00PM

GRADUATE SEMINAR GEOL 595B R CR.
 SATISFACTORY-FAIL ONLY.
 8220005 F 4:10-6:00PM

CREATIVE COMPONENT GEOL 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SEM EARTH MTRLS GEOL 610A 1- 3 CR.
 PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7605005 ARRANGED

ADV SEM ECONOM GEOL GEOL 610B 1- 3 CR.
 PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7609005 ARRANGED

ADV SEM GEOTECTONIC GEOL 610E 1- 3 CR.
 PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7606005 ARRANGED

ADV SEM HYDROGEOLOGY GEOL 610F 1- 3 CR.
 PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7604005 ARRANGED

ADV SEM SURFIC PROC GEOL 610G 1- 3 CR.
 PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7608005 ARRANGED

ADV SEM SED&STRATIG GEOL 610H 1- 3 CR.
 PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
 7607005 ARRANGED

ADV SEM PALEOEC&CLI GEOL 610I 1- 3 CR.
 PREREQ: GRADUATE STANDING & INSTRUCTOR PERMISSION
 6710005 ARRANGED

RES SURFICIAL PROC GEOL 699A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH STRATIGRAPHY GEOL 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEDIMENTATION GEOL 699C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH PALEONTOLOGY GEOL 699D VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PETROLOGY GEOL 699E VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES STRUCTURAL GEOL GEOL 699F VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH GEOCHEMISTRY GEOL 699G VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY

RESRCH HYDROGEOLOGY GEOL 699H VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH EARTH SCIENCE GEOL 699I VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MINERAL RESOURC GEOL 699J VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH GEOPHYSICS GEOL 699K VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MINERALOGY GEOL 699L VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TECTONICS GEOL 699M VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES PALEOECO&CLIMAT GEOL 699N VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES ISOTOPE GEOCHEM GEOL 699O VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GERMAN

ELEMENTRY GERMAN II GER 102 4 CR.
 PREREQ: 97 OR 101
 STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH SCHOOL GERMAN MAY NOT ENROLL IN 102. CREDIT FOR ONLY ONE OF GER 110, GER 160, OR THE GER 101-102 SEQUENCE MAY BE APPLIED TOWARD GRADUATION.
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3950005 1 MTWRF 10:00-10:50
 3950010 2 MTWRF 11:00-11:50
 3950015 3 MTWRF 1:10-2:00

INTERMED GERMAN II GER 202 4 CR.
 PREREQ: 201
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 BUSINESS EMPHASIS
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 3954005 1 MTWRF 9:00-9:50
 3954010 2 MTWRF 10:00-10:50
 SECT 2 : BUSINESS EMPHASIS

COMPOSITION GER 302 3 CR.
 PREREQ: 301
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 3956005 1 TR 11:00-12:20

ADV CONVERS&COMPREH GER 305 3 CR.
 PREREQ: 202, CONCURRENT ENRLMT IN 302 RECOMMENDED
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8405005 1 MWF 11:00-11:50

GERMANY TODAY GER 320 3 CR.
 PREREQ: 301 OR 304
 3792005 1 MW 3:10-4:30

GRADUATE STUDIES

GERMAN

GERM STUDI IN ENGL GER 370 3 CR.
 TOPIC: WEIMAR AND NATIONAL SOCIALISM
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8367005 1 TR 12:40-2:00

TOPCS GER CULTUR ST GER 472 3- 4 CR.
 PREREQ: FOR FOURTH CREDIT: SIX CREDITS IN
 GERMAN AT THE 300 LEVEL
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3958005 1 TR 2:10-3:30, ARRANGED

INDEPENDENT STUDY GER 490 1- 6 CR.
 PREREQ: 6 CR IN GERMAN; PERMISSION OF DEPT CHAIR
 NO MORE THAN 9 CREDITS IN GERMAN 490 MAY BE
 APPLIED TOWARD GRADUATION
 PERMISSION OF DEPARTMENT CHAIR REQUIRED,
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP IN GERMAN GER 499 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 9 CREDITS OF GERMAN AT THE 300 LEVEL;
 PERMISSION OF ADVISER AND FOREIGN LANGUAGE AND
 LITERATURE INTERNSHIP COORDINATOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

GERONTOLOGY

HOUSING THE AGING GERON 463 3 CR.
 PREREQ: 360 OR 3 CR IN HOUSING, ARCH,
 INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
 FIELD TRIPS & TRAVEL FEE \$10.00
 MEETS U.S. DIVERSITY REQMT.
 9003005 TR 11:00-12:20

GERONTL PREPRAC SEM GERON 466 1 CR.
 PREREQ: 9 CR IN CORE COURSES FOR THE GERON
 MINOR & APPROVAL OF GERON UNDERGRAD COORDINATOR
 7869005 ARRANGED

GERONTOL PRACTICUM GERON 467 3- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 466, ADVANCE RESERVATION
 7870005 ARRANGED

INDEPENDENT STUDY GERON 490 VAR. CR.
 3052005 ARRANGED

SURV OF GERONTOLOGY GERON 510 1- 3 CR.
 3053005 ARRANGED

HOUSING THE AGING GERON 563 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 3807005 TR 11:00-12:20

SPECIAL TOPICS GERON 590 VAR. CR.
 3059005 ARRANGED

PREP FUTR FACLT SEM GR ST 585 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ONE YEAR OF GRADUATE COURSE WORK;
 ADMISSION INTO PFF PROGRAM
 8114005 ARRANGED

PREP FUTR FAC SM II GR ST 586 1- 3 CR.
 PREREQ: ADMISSION INTO PFF PROGRAM; COMPLETION
 OF GR ST 585 OR PERMISSION OF INSTRUCTOR
 7033005 ARRANGED

PREP FAC TCHG PRACT GR ST 587X 1- 3 CR.
 PREREQ: PFF ADMISSION; COMPLETION OF GR ST 585X
 OR INSTRUCTOR PERMISSION; CREDIT FOR OR CONCURRENT
 WITH 586X
 7679005 ARRANGED

PREP FTR FAC SPL TP GR ST 588X 1- 3 CR.
 PREREQ: PFF ADMISSION; COMPLETION OF 585X OR
 INSTRUCTOR PERMISSION; CREDIT OR ENROLLMENT IN 586X
 8341005 ARRANGED

EXAMINATION ONLY GR ST 600 R CR.
 3972005 ARRANGED

REQUIRED ENROLLMENT GR ST 601 R CR.
 4482005 ARRANGED

CONTINUOUS REGISTRA GR ST 680 R CR.
 7349005 ARRANGED

GREEK

ELEM CLASS GREEK II GREEK 102 4 CR.
 PREREQ: 101
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 2374005 1 MTWRF 9:00-9:50

INDEPENDENT STUDY GREEK 490 1- 6 CR.
 PREREQ: 6 CR IN GREEK; PERMISSION OF DEPT CHAIR
 NO MORE THAN 9 CREDITS IN GREEK 490 MAY BE
 APPLIED TOWARD GRADUATION
 PERMISSION OF DEPARTMENT CHAIR REQUIRED,
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HEALTH STUDIES

1ST AID & EMERG CARE H S 105 2 CR.
 MATERIALS AND EQUIPMENT USE FEE \$14.00
 4081005 A1 MWF 10:00-10:50
 SECTION A1 RESTRICTED TO C H E, EX SP, HHP MAJORS ONLY
 4081010 A2 MWF 10:00-10:50
 SEC A2 FOR MAJORS OTHER THAN C H E, EX SP, HHP MAJORS
 4081015 B1 MWF 11:00-11:50
 SECTION B1 RESTRICTED TO C H E, EX SP,
 HHP MAJORS ONLY
 4081020 B2 MWF 11:00-11:50
 SEC B2 FOR MAJORS OTHER THAN C H E, EX SP, HHP
 MAJORS
 4081025 C3 MWF 1:10-2:00
 4081035 D1 TR 11:00-12:20
 SECTION D1 RESTRICTED TO C H E, EX SP, HHP MAJORS
 ONLY

HEALTH STUDIES

4089005 1 MWF 10:00-10:50
 4089010 2 MWF 12:10-1:00

HEALTH STUDIES

1ST AID & EMERG CARE H S 105 2 CR.
 4081040 D2 TR 11:00-12:20
 SECTION D2 RESTRICTED TO MAJORS OTHER
 THAN C H E,
 EX SP, HHP MAJORS
 4081050 E3 TR 12:40-2:00

PERS & CONSUMER HLTH H S 110 3 CR.
 SECTIONS A1,B1,C1 RESTRICTED TO EX SP, C H E, HHP
 MAJORS ONLY. SECTIONS A2,B2,C2 RESTRICTED TO MAJORS
 OTHER THAN C H E, EX SP, HHP
 4082005 A1 MWF 11:00-11:50
 4082010 A2 MWF 11:00-11:50
 4082015 B1 MWF 9:00-9:50
 4082020 B2 MWF 9:00-9:50
 4082025 C1 MW 4:10-5:30
 4082030 C2 MW 4:10-5:30

DRUG EDUCATION H S 215 3 CR.
 PREREQ: PSYCH 101 OR 230
 SECTIONS A1,B1 RESTRICTED TO EX SP, C H E, HHP
 MAJORS. SECTS A2,B2 RESTRICTED TO MAJORS OTHER THAN
 C H E, EX SP, HHP
 4083005 A1 TR 8:00-9:20
 4083010 A2 TR 8:00-9:20
 4083015 B1 TR 9:30-10:50
 4083020 B2 TR 9:30-10:50

HEALTH ED ELEM SCHL H S 275 3 CR.
 PREREQ: HD FS 102 OR 226
 CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION. SECONDARY
 LICENSURE STUDENTS SHOULD ENROLL IN 375.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4084005 1 MWF 10:00-10:50
 4084010 2 MWF 12:10-1:00

INSTR'S 1ST AID&CPR H S 305 2 CR.
 PREREQ: 105, CURRENT STANDARD FIRST AID AND
 COMMUNITY CPR CERTIFICATION
 MATERIALS AND EQUIPMENT USE FEE \$14.00
 4086005 1 TR 8:00-9:20

COMMUN&PUBLIC HEALTH H S 310 3 CR.
 PREREQ: 110
 COURSE RESTRICTED TO EX SP, C H E, HHP
 JUNIORS AND SENIORS
 4087005 1 M 6:00-9:00PM

HUMAN DISEASES H S 350 3 CR.
 PREREQ: 110
 SECTS A1,B1 RESTRICTED TO EX SP, C H E, HHP
 JR & SRS ONLY. SECTS A2,B2 RESTRICTED TO MAJORS
 OTHER THAN EX SP, C H E, HHP JRS & SRS.
 4088005 A1 TR 12:40-2:00
 4088010 A2 TR 12:40-2:00
 4088015 B1 TR 2:10-3:30
 4088020 B2 TR 2:10-3:30

TEACH-LEARN HLTH ED H S 375 3 CR.
 PREREQ: 105, 110, 215
 ELEMENTARY LICENSURE STUDENTS SHOULD ENROLL IN
 275. CREDIT FOR EITHER H S 275 OR H S 375, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

WRKSITE HLTH PROMOT H S 380 3 CR.
 PREREQ: 258, 366, FS HN 167
 MATERIALS AND EQUIPMENT USE FEE \$10.00
 3795005 1 MWF 11:00-11:50

SEARCH STRAT EMPLOY H S 385 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JUNIOR CLASSIFICATION, TO BE TAKEN A
 MINIMUM OF TWO SEMESTERS PRIOR TO H S 485
 COURSE RESTRICTED TO C H E, EX SP, HHP JUNIORS
 AND SENIORS
 3789005 1 R 2:10-3:00
 3789010 2 F 1:10-2:00

TEACH HEALTH ED SEC H S 417 12 CR.
 PREREQ: 375, ADVANCE REGISTRATION REQUIRED
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4091005 ARRANGED

FIELD EXPERIENCE H S 485 1-16 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ALL REQUIRED H S COURSES, PERMISSION OF
 COORDINATOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4095005 ARRANGED

INDEPENDENT STUDY H S 490 1- 3 CR.
 PREREQ: 6 CR IN H S, PERMISSION OF COORDINATOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY H S 490H 1- 3 CR.
 PREREQ: 6 CR IN H S, PERMISSION OF COORDINATOR,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HIGHER EDUCATION

HIGHER EDUC IN U.S. HG ED 504 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 FOR HG ED STUDENTS ONLY - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 4111005 1 R 6:00-9:00PM

LEARN, LDRSHP, COMMUN HG ED 541X 2 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8409005 T 5:30-8:30PM WIERSEMA J

TEAMS IN ACTION HG ED 543X 2 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 7709005 T 5:30-8:30PM LICKLIDER B

HIGHER EDUCATION

HIGHER EDUCATION

COLLEGE TEACHING HG ED 561 3 CR.
 PREREQ: 6 GRADUATE CREDITS
 4112005 T 2:10-5:00 MOORE E

INTERNATIONZG INSTI HG ED 569X 2 CR.
 6246005 1 M 5:10-7:00PM BARAK R

ST AF STD DIVERSITY HG ED 570H 1- 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 3270005 T 2:10-5:00 ROBINSON D
 TOPIC: DIVERSITY IN HIGHER ED

ORG&ADM STUD AFFAIR HG ED 575 3 CR.
 PREREQ: ADMISSION TO HIGHER EDUCATION PROGRAM,
 574
 FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 4117005 1 W 6:00-9:00PM BENJAMIN M
 4117010 2 W 6:00-9:00PM SAUNDERS K

SPL TOP STD SERVICE HG ED 590A 1- 4 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMMUN COLL HG ED 590B 1- 4 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CURRENT ISS HG ED 590C 1- 4 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTNL HG ED HG ED 590D 1- 4 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP FED&STAT AFF HG ED 590E 1- 4 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LAW IN HG ED HG ED 590F 1- 4 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP INSTITNL RES HG ED 590G 1- 4 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXPERIEN HG ED 591 1- 4 CR.
 PREREQ: 9 CREDITS GRADUATE WORK
 COURSE ONLY OFFERED FOR 1-3 CREDITS SPRING 2005
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROGRAM ASSESS&EVAL HG ED 597 3 CR.
 PREREQ: RESEV 550
 FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 6276005 1 T 5:30-8:30PM HUBA M
 6276010 2 M 6:00-9:00PM CYCHOSZ C

CAPSTONE SEMINAR HG ED 598 3 CR.
 PREREQ: COMPLETION OF 30 CREDITS IN EL PS
 FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 6275005 W 2:10-5:00 EVANS N

CREATIVE COMPONENT HG ED 599 VAR. CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FINANCING HIGHER ED HG ED 665 3 CR.
 PREREQ: 504
 4147005 M 6:00-9:00PM SCHUH J

ACAD ISSUES&CULTURS HG ED 666 3 CR.
 PREREQ: 504
 FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 7319005 1 W 5:10-8:00PM MOORE E

STUDENT DEV THRY II HG ED 676 3 CR.
 PREREQ: 576
 FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 5633005 1 R 2:10-5:00 KILGORE D
 5633010 2 T 2:10-5:00 EVANS N

ADV SPECIAL TOPICS HG ED 690 1- 4 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HG ED 699 VAR. CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

**HISTORICAL, PHILOSOPHICAL & COMP
 ED**

CLASSICS EDUC PHIL H P C 584 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 4062005 M 6:00-9:00PM

HIST AMERICAN EDUC H P C 588 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 4065005 T 6:00-9:00PM

SPCL TOP HIST OF ED H P C 590A 1- 5 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP PHIL OF ED H P C 590B 1- 5 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP COMPAR ED H P C 590C 1- 5 CR.
 PREREQ: 9 CREDITS IN EDUCATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUPV FIELD EXPERNCE H P C 591 1- 6 CR.
 PREREQ: 6 GRADUATE CR IN SPECIAL AREA
 4069005 ARRANGED

HISTORY

HISTORICAL, PHILOSOPHICAL & COMP ED

CREATIVE COMPONENT H P C 599 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV SPECIAL TOPICS H P C 690 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH H P C 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTORY

INTR WESTERN CIV II HIST 202 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.

- 4151005 1 TR 9:00-9:50
R 8:00-8:50
- 4151010 2 TR 9:00-9:50
R 10:00-10:50
- 4151015 3 TR 9:00-9:50
W 12:10-1:00
- 4151020 4 TR 9:00-9:50
F 8:00-8:50
- 4151025 5 TR 9:00-9:50
R 12:10-1:00
- 4151030 6 TR 9:00-9:50
F 10:00-10:50
- 4151035 7 TR 9:00-9:50
F 12:10-1:00
- 4151040 8 TR 9:00-9:50
F 11:00-11:50
- 4151045 9 TR 9:00-9:50
F 8:00-8:50
- 4151050 10 TR 9:00-9:50
F 1:10-2:00
- 4151055 11 TR 9:00-9:50
R 8:00-8:50
- 4151060 12 TR 9:00-9:50
R 9:00-9:50
- 4151065 13 TR 9:00-9:50
F 9:00-9:50
- 4151070 14 TR 9:00-9:50
F 11:00-11:50
- 4151075 15 TR 9:00-9:50
F 12:10-1:00
- 4151080 16 TR 9:00-9:50
R 12:10-1:00

SURVEY U.S. HIST I HIST 221 3 CR.
 4155005 1 MWF 9:00-9:50

SURVEY U.S. HIST II HIST 222 3 CR.
 4156005 1 TR 12:10-1:00
R 8:00-8:50
 4156010 2 TR 12:10-1:00
R 8:00-8:50
 4156015 3 TR 12:10-1:00
F 8:00-8:50
 4156020 4 TR 12:10-1:00
W 12:10-1:00
 4156025 5 TR 12:10-1:00
R 10:00-10:50
 4156030 6 TR 12:10-1:00
R 10:00-10:50
 4156035 7 TR 12:10-1:00
F 10:00-10:50
 4156040 8 TR 12:10-1:00
T 11:00-11:50

SURVEY U.S. HIST II HIST 222 3 CR.

- 4156045 9 TR 8:00-8:50
W 8:00-8:50
- 4156050 10 TR 8:00-8:50
W 11:00-11:50
- 4156055 11 TR 8:00-8:50
F 9:00-9:50
- 4156060 12 TR 8:00-8:50
F 11:00-11:50
- 4156065 13 MW 8:00-8:50
R 10:00-10:50
- 4156070 14 MW 8:00-8:50
R 12:10-1:00
- 4156075 15 MW 8:00-8:50
F 8:00-8:50
- 4156080 16 MW 8:00-8:50
F 10:00-10:50

INTR HIST OF SCI II HIST 281 3 CR.

- MEETS INTERNATIONAL PERSPECTIVES REQMT.
- 4162005 1 MW 10:00-10:50
F 8:00-8:50
 - 4162010 2 MW 10:00-10:50
R 8:00-8:50
 - 4162015 3 MW 10:00-10:50
F 10:00-10:50
 - 4162020 4 MW 10:00-10:50
F 12:10-1:00

INTR HIST T&ENGR II HIST 285 3 CR.

- 4164005 1 MW 12:10-1:00
R 12:10-1:00
- 4164010 2 MW 12:10-1:00
R 11:00-11:50
- 4164015 3 MW 12:10-1:00
F 8:00-8:50
- 4164020 4 MW 12:10-1:00
F 10:00-10:50

MOD CULTURAL HERITG HIST 305 3 CR.

- PREREQ: SOPHOMORE CLASSIFICATION
- 4167005 1 TR 9:30-10:50

HIS CHINA 1644-1912 HIST 336 3 CR.

- PREREQ: SOPHOMORE CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
- 4171005 1 MW 11:00-12:20

U.S. IMMIGRATION HIST 345 3 CR.

- PREREQ: SOPHOMORE CLASSIFICATION
 MEETS U.S. DIVERSITY REQMT.
- 7429005 1 TR 11:00-12:20

US SOC&CULTUR 1900- HIST 352 3 CR.

- PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
- 4177005 1 TR 10:00-10:50
R 12:10-1:00
 - 4177010 2 TR 10:00-10:50
F 9:00-9:50
 - 4177015 3 TR 10:00-10:50
F 10:00-10:50
 - 4177025 4 TR 10:00-10:50
F 12:10-1:00

HISTORY

HISTORY

HIST AFRICN AMER II HIST 354 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 MEETS U.S. DIVERSITY REQMT.
 8746005 TR 9:30-10:50

WOMN ANCIENT MEDITE HIST 374 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4040005 MWF 11:00-11:50

HIST WOMEN SCI,TECH HIST 380 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 MEETS U.S. DIVERSITY REQMT.
 4178005 1 TR 11:00-11:50
 R 8:00-8:50
 4178010 2 TR 11:00-11:50
 R 10:00-10:50
 4178015 3 TR 11:00-11:50
 F 8:00-8:50
 4178020 4 TR 11:00-11:50
 F 10:00-10:50

HIST ASTRONOMY&PHYS HIST 388 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 4234005 1 TR 11:00-12:20

MOD MILITARY HIS II HIST 390 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4190005 MWF 10:00-10:50

ANCIENT ROME II HIST 404 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1948005 1 MWF 11:00-11:50

W EUROPE: 1050-1500 HIST 406 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4195005 MWF 11:00-11:50

ENGLAND SINCE 1850 HIST 431 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO SOPHOMORES AND ABOVE.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4211005 1 TR 2:10-3:30

REVOLUTNS LATIN AME HIST 442X 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7034005 1 TR 9:30-10:50

AMERICAN REVOLUTION HIST 451 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4214005 1 MWF 11:00-11:50

CIVIL WAR&RECONSTRN HIST 455 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4217005 MWF 10:00-10:50

AMERICAN FAMILY HIST 456X 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2763005 1 TR 2:10-3:30

THE AMERICAN WEST HIST 465 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4224005 1 MWF 12:10-1:00

CONTEMPRARY AMERICA HIST 469 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5740005 TR 9:30-10:50

US&COLD WAR 1950-91 HIST 471 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE FOR SOPHOMORE AND ABOVE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4229005 1 TR 11:00-11:50

INDEPENDENT STUDY HIST 490 1- 3 CR.
 PREREQ: 9 CREDITS IN HISTORY; PERMISSION OF
 DEPARTMENT CHAIR
 SOPHOMORE AND ABOVE CLASSIFICATION. NO MORE
 THAN 9 CREDITS OF HIST 490 MAY BE APPLIED TOWARD
 GRADUATION.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HISTRIOG&RESRCH WRT HIST 495 R CR.
 PREREQ: MAJOR IN HISTORY. REQUIRED OF MAJORS.
 SOPHOMORE AND ABOVE CLASSIFICATION
 4238005 ARRANGED
 4238128 LS ARRANGED SADOSKY L
 4238130 MB ARRANGED BAILEY M
 4238133 MS ARRANGED STANLEY M
 4238168 SG ARRANGED GREGG S

UNDERGRAD SEMINAR HIST 497X 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6262005 1 M 2:10-5:00

PROSEM AMERI 1800'S HIST 511B 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4241005 1 M 2:10-5:00

PROSEM AMERI 1900'S HIST 511C 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4242005 1 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

PROSEM MOD EUR HIST HIST 512C 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4245005 1 ARRANGED

HORTICULTURE

HISTORY

PROSEM LATIN AMER HIST 513 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4246005 1 T 1:10-4:00

SEM HIST OF SCI II HIST 571 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 4258005 1 R 1:10-4:00

PRSEM HIS FMNST THY HIST 586 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2170005 1 W 1:10-4:00

SPECIAL TOPICS HIST 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 SOPHOMORE AND ABOVE CLASSIFICATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM EARLY 20C TECHN HIST 607 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4287005 1 W 2:10-5:00

RESEARCH HIST 699 VAR. CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS

SPECIAL PROB HONORS HON 290H VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSN OF THE VICE PROVOST FOR UG PROGS
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNIV HONORS SEMINAR HON 322 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: MEMBERSHIP IN THE HONORS PROGRAM
 CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNIV HONORS SEMINAR HON 324 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 CONTACT 2130 JISCHKE BLDG FOR REFERENCE NUMBERS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HON 490 VAR. CR.
 PREREQ: MEMBERSHIP IN THE HONORS PROGRAM AND
 PERMISSION OF THE VICE PROVOST FOR UNDERGRAD
 PROGRAMS
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOME HORTICULTURE HORT 121 2 CR.
 4292005 MW 3:10-4:00 DILLEY C

PRINCIP OF HORTICUL HORT 221 3 CR.
 PREREQ: BIOL 201
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00
 4296005 A TR 11:00-11:50 NONNECKE G
 T 2:10-4:00 OSBORN B
 4296010 B TR 11:00-11:50 NONNECKE G
 R 2:10-4:00 OSBORN B
 4296015 C TR 11:00-1:00 NONNECKE G
 R 12:10-2:00

EDU YOUTH THRU HORT HORT 282 3 CR.
 FIELD TRIPS & TRAVEL FEE \$15.00
 7419005 MW 1:10-2:00 HAYNES C
 M 2:10-5:00

PESTICIDE APPL CERT HORT 283 2 CR.
 5221005 MW 2:10-3:00

HORTI PLANT NUTRITN HORT 320 2 CR.
 PREREQ: 221 OR AGRON 114 OR BIOL 201 AND
 AGRON 154 OR 155
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9576005 TR 8:00-8:50 CHAPLIN M

HORT PLANT NUTR LAB HORT 320L 1 CR.
 PREREQ: 221 OR AGRON 114 OR BIOL 201 AND
 AGRON 154 OR 155
 MATERIALS FEE \$15.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3074005 A T 12:10-1:00 CHAPLIN M
 T 1:10-2:00 CHAPLIN M
 3074010 B T 12:10-1:00 CHAPLIN M
 T 1:10-2:00 CHAPLIN M
 3074015 C T 12:10-1:00 CHAPLIN M
 T 1:10-2:00 CHAPLIN M
 3074020 D T 12:10-1:00 CHAPLIN M
 T 1:10-2:00 CHAPLIN M

PLANT PROPAGATION HORT 322 3 CR.
 PREREQ: 221 OR BIOL 202
 COURSE RESTRICTED TO HORT, PL HP MAJORS ONLY
 MATERIALS FEE \$20.00
 4304005 A TR 9:30-10:20 STEPHENS L
 W 9:00-10:50 STEPHENS L
 4304010 B TR 9:30-10:20 STEPHENS L
 W 1:10-3:00 STEPHENS L
 4304015 C TR 9:30-10:20 STEPHENS L
 W 3:10-5:00 STEPHENS L

GREENHOUSE OPER&MGT HORT 332 4 CR.
 PREREQ: 221
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$25.00
 4306005 A MWF 1:10-2:00 GLADON R
 M 2:10-5:00 GLADON R
 4306010 B MWF 1:10-2:00 GLADON R
 W 2:10-5:00 GLADON R
 4306015 C MWF 1:10-2:00 GLADON R
 F 2:10-5:00 GLADON R

HORTICULTURE

HORTICULTURE

SEED SCIENCE&TECHNL HORT 338 3 CR.
 PREREQ: AGRON 114 OR HORT 221, BIOL 109 OR 110
 7262005 MW 9:00-9:50 KNAPP A
 R 3:10-5:00 KNAPP A

PRIN GARDEN COMPOSI HORT 380X 2 CR.
 PREREQ: 222
 7226005 TR 9:30-10:20 VANDERZANDEN A

BEG GARDN COMP STDO HORT 381X 2 CR.
 PREREQ: 222,330,340, CONCURRENT ENROLLMNT IN 380X
 COURSE RESTRICTED TO HORT MAJORS ONLY.
 7234005 A MW 9:00-10:50 VANDERZANDEN A
 7234010 B MW 1:10-3:00 VANDERZANDEN A

HORT MGT EXPERIENCE HORT 391 1 CR.
 PREREQ: 221, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 2 CREDITS OF HORT 391 MAY BE APPLIED
 TOWARD THE HORTICULTURAL SCIENCES COURSE
 REQUIREMENTS
 A MAXIMUM OF 4 CREDITS OF HORT 391 MAY BE APPLIED
 TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN HORT 398X R CR.
 SATISFACTORY-FAIL ONLY.
 3652005 ARRANGED

TROP PLNTS&INTRRSCP HORT 433 3 CR.
 PREREQ: 221,332
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$20.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5745005 A TR 11:00-11:50 GLADON R
 T 12:10-3:00 GLADON R
 5745010 B TR 11:00-11:50 GLADON R
 R 12:10-3:00 GLADON R

PROF TURFGRASS MGMT HORT 451 2 CR.
 PREREQ: 351
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4319005 T 2:10-5:00 CHRISTIANS N

FRUIT &NUT PRODUCTN HORT 461 3 CR.
 PREREQ: 221
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4320005 MW 11:00-11:50 NONNECKE G
 M 2:10-4:00 NONNECKE G

IND ST GREENHS CROP HORT 490A VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION
 OF INSTRUCTOR
 NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY NURS CROPS HORT 490B VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION
 OF INSTRUCTOR
 NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY TURFGRASS HORT 490C VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION
 OF INSTRUCTOR
 NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD FRUIT CROPS HORT 490D VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION
 OF INSTRUCTOR
 NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY VEG CROPS HORT 490E VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION
 OF INSTRUCTOR
 NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD CROSS-COMMO HORT 490F VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION
 OF INSTRUCTOR
 NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST LANDSCP HORT HORT 490G VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION
 OF INSTRUCTOR
 NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HORT 490H VAR. CR.
 PREREQ: SENIOR CLASSIFICATION IN HORT, PERMISSION
 OF INSTRUCTOR. A MAXIMUM OF 4 CR OF 490 MAY BE USED
 TOWARD THE TOTAL OF 128 CR REQUIRED FOR GRADUATION.
 MEMBERSHIP IN UNIV HONORS PROGRAM
 NO MORE THAN 4 CREDITS OF HORT 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP HORT 491 1- 2 CR.
 PREREQ: 338, ADVANCE APPROVAL AND PARTICIPATION
 OF EMPLOYER AND INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1734005 1 ARRANGED CAMPBELL A
 1734010 2 ARRANGED GIBSON L
 1734015 3 ARRANGED KNAPP A
 1734020 4 ARRANGED MULLEN R

HORTICULTURE

HORTICULTURE

TURF&LANDSCP IRRIGA HORT 493A 2 CR.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7878005 W 3:10-6:00PM MINNER D

AG TRAVEL CRSE PREP HORT 495 R CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5605005 ARRANGED

PRO DEVELOPMENT SEM HORT 497X 1 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION.
 7661005 R 12:40-1:30 CHAPLIN M

INTG MGT TROPIC CROP HORT 511 3 CR.
 4433005 ARRANGED

PBLSH PLANT SC JRNL HORT 529 2 CR.
 PREREQ: PERMISSION OF INSTRUCTOR; EVIDENCE OF A
 PUBLISHABLE UNIT OF THE STUDENT'S RESEARCH DATA
 2274005 TR 3:40-4:30 GLADON R

ENVIR STRES PHYSIOL HORT 537 3 CR.
 PREREQ: BOT 320 OR EQUIVALENT
 2039005 TR 12:40-2:00 LASHBROOK C

INTRO DNA TECHNIQS HORT 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3106005 TR 1:10-2:00
 TR 2:10-4:00
 JAN 11-FEB 10

INTR PROTEIN TECHNQ HORT 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3134005 TR 1:10-2:00
 TR 2:10-4:00
 FEB 15-MARCH 24

INTRO CELL TECHNIQS HORT 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3107005 TR 1:10-2:00
 TR 2:10-4:00
 MARCH 29-APRIL 28

INTR PLANT TRANSFRM HORT 542D 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3133005 ARRANGED
 FEB 9-APRIL 20

PRO PRACTC RESEARCH HORT 565A .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 3176005 1 T 12:10-1:00
 3176010 2 ARRANGED

PRO PRAC INTEL PROP HORT 565B .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 3188005 ARRANGED

PRO LIFE SCIETHICS HORT 565C .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 3190005 ARRANGED

PRO PLNT BREED ETHC HORT 565D .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 3195005 R 1:10-3:00

SPECIAL TOPICS HORT 590 VAR. CR.
 PREREQ: A MAJOR OR MINOR IN HORTICULTURE
 ***** SEE DEPT FOR REFERENCE NUMBERS

WKSHP GREENHS CROPS HORT 593A VAR. CR.
 4339005 ARRANGED

WKSHP NURSERY CROPS HORT 593B VAR. CR.
 4340010 ARRANGED

WORKSHOP TURFGRASS HORT 593C VAR. CR.
 4341015 ARRANGED

WORKSHOP FRUIT CROPS HORT 593D VAR. CR.
 4342020 ARRANGED

WORKSHOP VEG CROPS HORT 593E VAR. CR.
 4343025 ARRANGED

WKSHP CROSS-COMMODT HORT 593F VAR. CR.
 4344030 ARRANGED

WKSHP LANDSCAP HORT HORT 593G VAR. CR.
 4094010 AV ARRANGED
 4094015 BO ARRANGED
 4094022 CH ARRANGED
 4094078 JI ARRANGED
 4094180 WG ARRANGED

CREATIVE COMPONENT HORT 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

GRADUATE SEMINAR HORT 610 1 CR.
 SATISFACTORY-FAIL ONLY.
 4346005 M 4:10-5:00 FEI S

ADVANCED TOPICS HORT 690 VAR. CR.
 4348005 ARRANGED

SEM PLT PHYSL, MOLEC HORT 696 1 CR.
 7762005 W 4:10-5:00

RSRCH GREENHSE CROP HORT 699A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH NURSERY CROPS HORT 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH TURFGRASS HORT 699C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESRCH FRUIT CROPS HORT 699D VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HORTICULTURE

RESEARCH VEG CROPS HORT 699E VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH CROSS-COMMODT HORT 699F VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH LANDSCAP HORT HORT 699G VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOTEL RESTAURANT & INSTITUTION MGMT

HOSP SANITAT&SAFETY HRI 233 3 CR.
 MATERIALS FEE \$0.00-\$90.00
 4435005 1 MWF 10:00-10:50
 SECT 2 RESTRICTED TO HRI MAJORS ONLY.
 4435010 2 MWF 10:00-10:50
 SECT 2 FOR MAJORS OTHER THAN HRI.

GLOBAL TOURISM MGT HRI 260 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6738005 T 6:00-9:00PM

PRIN HOSPITLITY MGT HRI 287 3 CR.
 SECTIONS 1A,2A RESTRICTED TO HRI MAJORS ONLY.
 SECTIONS 1B,2B RESTRICTED TO MAJORS OTHER THAN HRI.
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$9.00
 4356005 1A MF 11:00-11:50
 W 12:10-1:00
 4356010 1B MF 11:00-11:50
 W 12:10-1:00
 4356015 2A MF 11:00-11:50
 W 11:00-11:50
 4356020 2B MF 11:00-11:50
 W 11:00-11:50

PRIVATE CLUB OPTNS HRI 289 2 CR.
 PREREQ: 101
 FIELD TRIPS & TRAVEL FEE \$20.00
 9247005 M 2:10-4:00

QUANT FOOD PROD MGT HRI 380 3 CR.
 PREREQ: 233 OR 2 CR MICRO; FS HN 111 OR 214;
 JUNIOR CLASSIFICATION; ENROLLMENT IN HRI 380L
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4358005 1 TR 8:00-9:20
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

QUANT FOOD PROD&MGT HRI 380L 2 CR.
 PREREQ: 233 OR 2 CR. MICRO; FS HN 111 OR 214;
 JUNIOR CLASSIFICATION; ENROLLMENT IN 380;
 RESERVATION WITH PROGRAM REQUIRED
 MATERIALS FEE \$34.00-\$90.00
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4359005 1 WF 10:00-1:00
 4359010 2 TR 10:00-1:00

INTRO TO BEVERAGES HRI 383 2 CR.
 PREREQ: MUST BE AT LEAST 21 YEARS OLD AND
 PERMISSION OF THE INSTRUCTOR
 MATERIALS FEE \$55.00
 4108005 R 2:10-3:50
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

HOTEL RESTAURANT & INSTITUTION MGMT

FOODSERVICE MGT II HRI 392 3 CR.
 PREREQ: 391
 HRI 392 NOT ACCEPTED FOR CREDIT TOWARD A MAJOR
 IN HRIM
 7619005 MWF 1:10-2:00

HOSPITLTY WORK EXPER HRI 393 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVISOR APPROVAL
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOSP MANAG ACCOUNTG HRI 433 3 CR.
 PREREQ: 333; ACCT 284; ECON 101; CREDIT OR
 ENROLLMENT IN STAT 101
 9349005 A MWF 8:00-8:50

HUMAN RESO MGT HOSP HRI 438 3 CR.
 PREREQ: 287, WORK EXPERIENCE, JR CLASSIFICATION
 4365005 MWF 9:00-9:50

LODGING OPER MGT II HRI 452 3 CR.
 PREREQ: 352 AND COM S 103
 MATERIALS FEE \$30.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6696005 TR 4:10-5:30

HOSPITALITY LAW HRI 460 3 CR.
 PREREQ: ACCT 215
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4369005 TR 2:10-3:30

ENTREPRENEURSHP FCS HRI 474 3 CR.
 PREREQ: 6 CREDITS IN HRIM AT 300-LEVEL OR ABOVE
 FIELD TRIPS & TRAVEL FEE \$0.00-\$10.00
 8029005 R 6:00-8:30PM

ISSUES FOOD SAFETY HRI 489 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN FS HN 101 OR 272
 OR HRI 233; FS HN 419 OR 420; FS HN 403
 8349005 MW 3:10-4:00
 MARCH 7-MAY 6

IND ST HOSPLITY MGT HRI 490B VAR. CR.
 PREREQ: PROGRAM APPROVAL
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST LODGING OPER HRI 490D VAR. CR.
 PREREQ: PROGRAM APPROVAL
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD FOODSRVC OP HRI 490E VAR. CR.
 PREREQ: PROGRAM APPROVAL
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HOTEL RESTAURANT & INSTITUTION MGMT

HOTEL RESTAURANT & INSTITUTION MGMT

INDEP STUDY HONORS HRI 490H VAR. CR.
 PREREQ: PROGRAM APPROVAL, FULL MEMBERSHIP IN
 HONORS PROGRAM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP FOODSERV HRI 491A 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVISOR APPROVAL
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LODGING HRI 491B 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ADVISOR APPROVAL
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRO EXP HOSPITALITY HRI 575 2- 4 CR.
 PREREQ: 9 CREDITS IN HRI AT 400 LEVEL OR ABOVE,
 PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP HOSPITALITY MGT HRI 590B 1- 3 CR.
 PREREQ: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND
 PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LODGING OPER HRI 590D 1- 3 CR.
 PREREQ: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND
 PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TP FOOD SERV OP HRI 590E 1- 3 CR.
 PREREQ: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND
 PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT HRI 599 VAR. CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADMINISTRA PROBLEMS HRI 608 1- 4 CR.
 PREREQ: 9 CR IN HRI AT 400 LEVEL OR ABOVE AND
 PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4399005 ARRANGED

HRIM TEACHING EXPER HRI 675 2 CR.
 PREREQ: 9 CREDITS IN HRI AT 400 LEVEL OR ABOVE,
 PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HRI 699 VAR. CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

INDV&FAM LIFE DEVEL HD FS 102 3 CR.
 3491005 1A TR 11:00-12:20
 SEC 1A RESTRICTED TO COLLEGE OF FCS
 MAJORS ONLY
 3491010 1B TR 11:00-12:20

STUDY TOUR&SRVC LRN HD FS 218 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 102
 COURSE RESTRICTED TO CH FS, ECE F, F R M, H N E,
 HD FS, MAJORS ONLY
 FIELD TRIPS & TRAVEL FEE \$10.00
 2190005 W 2:10-4:00

DEV&GUID: BIRTH-2YR HD FS 220 3 CR.
 PREREQ: 102
 RESTRICTED TO CH FS, ECE E, ECE F SOPHMORES,
 JUNIORS AND SENIORS ONLY. LAB PLACEMENT LOCATIONS
 ASSIGNED AT FIRST LECTURE CLASS.

- 4252005 1 TR 1:10-2:00
M 8:00-10:50
- 4252010 2 TR 1:10-2:00
T 8:00-10:50
- 4252015 3 TR 1:10-2:00
W 8:00-10:50
- 4252020 4 TR 1:10-2:00
R 8:00-10:50
- 4252025 5 TR 1:10-2:00
F 8:00-10:50
- 4252030 6 TR 1:10-2:00
M 9:00-11:50
- 4252035 7 TR 1:10-2:00
T 9:00-11:50
- 4252040 8 TR 1:10-2:00
W 9:00-11:50
- 4252045 9 TR 1:10-2:00
R 9:00-11:50
- 4252050 10 TR 1:10-2:00
F 9:00-11:50
- 4252055 11 TR 1:10-2:00
M 2:30-5:30
- 4252060 12 TR 1:10-2:00
T 2:30-5:30
- 4252065 13 TR 1:10-2:00
W 2:30-5:30
- 4252070 14 TR 1:10-2:00
R 2:30-5:30
- 4252075 15 TR 1:10-2:00
F 2:30-5:30

DEVEL&GUID: AGE 3-8 HD FS 221 3 CR.
 PREREQ: 102

RESTRICTED TO CH FS, ECE E, ECE F SOPHMORES,
 JUNIORS AND SENIORS ONLY. LAB PLACEMENT LOCATIONS
 ASSIGNED AT FIRST LECTURE CLASS.

- 4253005 1 TR 12:10-1:00
M 9:00-11:50
- 4253010 2 TR 12:10-1:00
T 9:00-11:50

HUMAN DEVELOPMENT & FAMILY STUDIES

HUMAN DEVELOPMENT & FAMILY STUDIES

DEVEL&GUID: AGE 3-8 HD FS 221 3 CR.
 4253015 3 TR 12:10-1:00
 W 9:00-11:50
 4253020 4 TR 12:10-1:00
 R 9:00-11:50
 4253025 5 TR 12:10-1:00
 F 9:00-11:50
 4253030 6 TR 12:10-1:00
 M 2:30-5:30
 4253035 7 TR 12:10-1:00
 T 2:30-5:30
 4253040 8 TR 12:10-1:00
 W 2:30-5:30
 4253045 9 TR 12:10-1:00
 R 2:30-5:30
 4253050 10 TR 12:10-1:00
 F 2:30-5:30

DEVL MID CHILDHOOD HD FS 226 3 CR.
 PREREQ: 102 OR PSYCH 230
 LAB PLACEMENT LOCATIONS ASSIGNED AT FIRST
 LECTURE CLASS.
 2193010 1 TR 9:30-10:50
 M 3:10-6:00PM
 2193015 2 TR 9:30-10:50
 T 3:10-6:00PM
 2193020 3 TR 9:30-10:50
 W 3:10-6:00PM
 2193025 4 TR 9:30-10:50
 R 3:10-6:00PM
 2193030 5 TR 9:30-10:50
 F 3:10-6:00PM

ADOLESCENT DEVELPMT HD FS 227 3 CR.
 PREREQ: 102 OR PSYCH 101 OR 230
 6972005 TR 8:00-8:50

HOUSING&CONSUMR ISS HD FS 239 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 3494005 1A MWF 2:10-3:00
 SEC 1A RESTRICTED TO COLLEGE OF FCS
 MAJORS ONLY
 3494010 1B MWF 2:10-3:00
 SEC 1B FOR MAJORS OTHER THAN THE COLLEGE
 OF FCS

LIT FOR CHILDREN HD FS 240 3 CR.
 PREREQ: 102 OR PSYCH 230
 COURSE RESTRICTED TO EL ED, ECE E, ECE F,
 CH FS MAJORS ONLY.
 MEETS U.S. DIVERSITY REQMT.
 2194005 1 TR 3:40-5:00

RSRCH IN HUM DV&FAM HD FS 269 3 CR.
 PREREQ: 102 OR PSYCH 230
 2197005 1 MF 10:00-10:50
 W 9:00-9:50
 2197010 2 MF 10:00-10:50
 W 10:00-10:50

HUMAN SEXUALITY HD FS 276 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 3496005 1 TR 12:40-2:00
 SECT 1 RESTRICTED TO FCEDS, C H E & CH
 FS MAJORS
 3496010 2 TR 12:40-2:00

FAMILY FINANCL MGT HD FS 283 3 CR.
 3499005 1 TR 11:00-11:50
 T 2:10-3:00

FLD EXP EARLY CHILD HD FS 317A VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 343, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAMILY SERV HD FS 317B VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 9 CREDITS IN HD FS, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP EARLY SP ED HD FS 317C VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 220, 221, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EX CARE 5+YR OLD HD FS 317D VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 226, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP INF/TODDLER HD FS 317E VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 340, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXPRNC RESEARCH HD FS 317F VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 269, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP FAM RES MGT HD FS 317G VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 283, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FIELD EXP HOUS PROG HD FS 317K VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ASS'MT&CUR:BRTH-2YR HD FS 340 4 CR.
 PREREQ: 220
 COURSE RESTRICTED TO CH FS, ECE E, ECE F JUNIORS
 AND SENIORS ONLY. LAB PLACEMENT LOCATIONS ASSIGNED
 AT FIRST LECTURE CLASS.
 PROFESSIONAL SUPPORT FEE \$25.00
 8686005 1 TR 12:40-2:00 HUGHES K
 M 8:00-11:50 HUGHES K
 8686010 2 TR 12:40-2:00 HUGHES K
 T 8:00-11:50 HUGHES K
 8686015 3 TR 12:40-2:00 HUGHES K
 W 8:00-11:50 HUGHES K
 8686020 4 TR 12:40-2:00 HUGHES K
 R 8:00-11:50 HUGHES K
 8686025 5 TR 12:40-2:00 HUGHES K
 F 8:00-11:50 HUGHES K
 8686030 6 TR 2:10-3:30 HUGHES K
 M 8:00-11:50 HUGHES K
 8686035 7 TR 2:10-3:30 HUGHES K
 T 8:00-11:50 HUGHES K
 8686040 8 TR 2:10-3:30 HUGHES K
 W 8:00-11:50 HUGHES K

HUMAN DEVELOPMENT & FAMILY STUDIES

HUMAN DEVELOPMENT & FAMILY STUDIES

ASS'MT&CUR:BRTH-2YR HD FS 340 4 CR.
 8686045 9 TR 2:10-3:30 HUGHES K
 R 8:00-11:50 HUGHES K
 8686050 10 TR 2:10-3:30 HUGHES K
 F 8:00-11:50 HUGHES K

ASS'MT&PROG:AGE 3-6 HD FS 343 4 CR.
 PREREQ: 221; 240; 269 OR PSYCH 333
 COURSE RESTRICTED TO CH FS, ECE E, ECE F JUNIORS
 AND SENIORS ONLY. LAB PLACEMENT LOCATIONS ASSIGNED
 AT FIRST LECTURE CLASS.
 PROFESSIONAL SUPPORT FEE \$25.00
 2205005 1 TR 12:40-2:00
 M 8:00-11:50
 2205010 2 TR 12:40-2:00
 T 8:00-11:50
 2205015 3 TR 12:40-2:00
 W 8:00-11:50
 2205020 4 TR 12:40-2:00
 R 8:00-11:50
 2205025 5 TR 12:40-2:00
 F 8:00-11:50

ADAPT PROG INCL SET HD FS 345 3 CR.
 PREREQ: CR OR CONCURRENT ENRLMT IN 343; SP ED 250
 COURSE RESTRICTED TO CH FS, ECE E, ECE F JUNIORS
 AND SENIORS ONLY
 4449005 TR 3:40-5:00

FAMLY DIVERSITY ISS HD FS 349 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 COURSE RESTRICTED TO CH FS, ECE E, ECE F, F R M,
 H N E AND FCEDS MAJORS ONLY
 MEETS U.S. DIVERSITY REQMT.
 2207005 1 TR 9:30-10:50
 2207010 2 TR 2:10-3:30

ABUSE IN FAMILIES HD FS 367 3 CR.
 PREREQ: 9 CREDITS IN SOCIAL SCIENCES
 COURSE RESTRICTED TO CH FS, ECE F, F R M
 AND H N E MAJORS ONLY.
 9193005 TR 3:40-5:00

COMM HUM&FAMILY DEV HD FS 370 3 CR.
 PREREQ: 3 CREDITS IN SOCIAL SCIENCES
 COURSE RESTRICTED TO CH FS, ECE F, F R M,
 H N E MAJORS ONLY
 3503005 TR 9:30-10:50

DEATH PART OF LIVNG HD FS 373 3 CR.
 PREREQ: 102
 FIELD TRIPS & TRAVEL FEE \$10.00
 3505005 1 TR 8:00-9:20

CHLD, FAM&PUB POLCY HD FS 395 3 CR.
 PREREQ: 6 CREDITS IN SOCIAL SCIENCES
 1155005 1 MWF 9:00-9:50

SUPR TCHG PRESCHOOL HD FS 417B 8 CR.
 PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER EDUC
 PROGRAM, 455; 456
 PROFESSIONAL SUPPORT FEE \$100.00
 2212005 ARRANGED

SUP TCH EARLY SP ED HD FS 417C 8 CR.
 PREREQ: GPA 2.5; FULL ADMISSION TO TEACHER
 EDUCATION PROGRAM, 455; 456, ENROLLMENT IN C I 417
 PROFESSIONAL SUPPORT FEE \$100.00
 2213005 ARRANGED

ADMIN PROG FOR CHLD HD FS 445 3 CR.
 PREREQ: 340 OR 343
 2220005 W 6:00-9:00PM

LINK FAMLY&COMMUNTY HD FS 449 3 CR.
 PREREQ: 269 OR PSYCH 333
 RESTRICTED TO CH FS, ECE F, F R M & H N E JUNIORS
 AND SENIORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2221005 1 TR 12:40-2:00
 2221010 2 M 6:00-8:50PM

CURR--AGES 3 THRU 6 HD FS 455 4 CR.
 PREREQ: 343, 345
 PROFESSIONAL SUPPORT FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

2222005 1 TR 12:40-2:00
 M 8:00-11:50
 2222010 2 TR 12:40-2:00
 T 8:00-11:50
 2222015 3 TR 12:40-2:00
 W 8:00-11:50
 2222020 4 TR 12:40-2:00
 R 8:00-11:50
 2222025 5 TR 12:40-2:00
 F 8:00-11:50
 2222030 6 TR 12:40-2:00
 M 12:10-4:00
 2222035 7 TR 12:40-2:00
 F 12:10-4:00

FAM-FOC INTRVN CHIL HD FS 456 3 CR.
 PREREQ: 340, 345
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7563005 TR 2:10-3:30

HOUSING THE AGING HD FS 463 3 CR.
 PREREQ: 360 OR 3 CREDITS IN HOUSING, ARCH,
 INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
 FIELD TRIPS & TRAVEL FEE \$10.00
 MEETS U.S. DIVERSITY REQMT.
 3522005 TR 11:00-12:20

ENTREPRENEURSHP FCS HD FS 474 3 CR.
 PREREQ: 6 CREDITS IN HD FS AT 300-LEVEL OR ABOVE
 FIELD TRIPS & TRAVEL FEE \$0.00-\$10.00
 3597005 R 6:00-8:30PM

ADV FAM FINANCL MGT HD FS 483 3 CR.
 PREREQ: 283
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3525005 MWF 1:10-2:00

FAMILY IN ECONOMY HD FS 488 3 CR.
 PREREQ: ECON 101
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3526005 MWF 10:00-10:50

HUMAN DEVELOPMENT & FAMILY STUDIES

FAMILY FIN COUN LAB HD FS 489L 1- 2 CR.
 PREREQ: 489
 8102005 1 ARRANGED

IND STD CHILD&FAMLY HD FS 490A VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HOUSING HD FS 490B VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD RESOURC MGT HD FS 490C VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY EARLY EDUC HD FS 490F VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST EARLY SPL ED HD FS 490G VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HD FS 490H VAR. CR.
 PREREQ: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST HUM DEV&FMLY HD FS 490I VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY RESEARCH HD FS 490R VAR. CR.
 PREREQ: 6 CREDITS IN HD FS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM HD FS 491 4- 8 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 449; INSTRUCTOR PERMISSION. RESERVATION
 REQUIRED ONE SEMESTER BEFORE PLACEMENT.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP HD FS 493 VAR. CR.
 PREREQ: SENIOR CLASSIFICATION
 8446005 ARRANGED

RESRCH METHDS HD FS HD FS 503 4 CR.
 PREREQ: STAT 401 OR RESEV 553
 3544005 M 6:00-9:00PM
 R 3:10-5:30

HOUS &SOCIAL ENVIRO HD FS 521 3 CR.
 PREREQ: GRADUATE CLASSIFICATION; 511 OR 6 CREDITS
 IN SOCIAL SCIENCES
 3548005 TR 2:10-3:30

DEVEL DISABIL CHILD HD FS 538 3 CR.
 PREREQ: 9 CREDITS IN HD FS OR PSYCH
 2235005 T 6:00-9:00PM

HUMAN DEVELOPMENT & FAMILY STUDIES

HOUSING THE AGING HD FS 563 3 CR.
 PREREQ: 360 OR 3 CREDITS IN HOUSING, ARCH,
 INTERIOR DESIGN, REHABILITATION, PSYCH OR HD FS
 MEETS U.S. DIVERSITY REQMT.
 4474005 TR 11:00-12:20

PUB POLCY IMPCT FAM HD FS 566 3 CR.
 PREREQ: 9 CREDITS IN SOCIAL SCIENCES
 3553005 MWF 12:10-1:00

MARITL THERPY&ASESS HD FS 571 3 CR.
 PREREQ: 9 CREDITS IN SOCIAL SCIENCES
 7582005 T 9:00-12:00

ETHICS FAMLY THERAP HD FS 573 3 CR.
 PREREQ: 571
 8058005 W 1:10-4:00

FAMILY INTERACT DYN HD FS 579 3 CR.
 PREREQ: 9 CREDITS IN SOCIAL SCIENCES
 3559005 W 1:10-3:45

SPCL TOP FAMILY STD HD FS 590A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS HOUSING HD FS 590B VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RESOURC MGT HD FS 590C VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HUMAN DEVEL HD FS 590D VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CHILD DEVEL HD FS 590E VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY EDUC HD FS 590F VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EARLY SP ED HD FS 590G VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP HUMAN,FAMILY HD FS 590I VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS THERAPY HD FS 590M VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FAMLY POLCY HD FS 590N VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

HUMAN DEVELOPMENT & FAMILY STUDIES

HUMAN DEVELOPMENT & FAMILY STUDIES

PRACTICUM FAM STUDI HD FS 591A VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM HOUSING HD FS 591B VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTM RESOURCE MGT HD FS 591C VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM HUM DEVEL HD FS 591D VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM CHILD DEV HD FS 591E VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM EARLY ED HD FS 591F VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTM EARLY SPL ED HD FS 591G VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACT HUM DEV, FAMLY HD FS 591I VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM THERAPY HD FS 591M VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICM FAM POLICY HD FS 591N VAR. CR.
 PREREQ: 10 GRAD CREDITS
 ***** SEE DEPT FOR REFERENCE NUMBERS

WORKSHOP HD FS 593 VAR. CR.
 PREREQ: SENIOR CLASSIFICATION
 2246005 ARRANGED

PROPOSAL WRITNG PRO HD FS 595X 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ENROLLMENT IN FCEDS GRADUATE PROGRAM, THE
 MFCS PROGRAM, OR THE DIETETICS CERTIFICATE PROGRAM
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8129005 ARRANGED
 COURSE DELIVERY IS WWW

ADV QUANTITATV METH HD FS 603 3 CR.
 PREREQ: 503; STAT 402, 403, OR 404
 2239005 MW 2:10-3:30

PERSP OF PSYCHOPHTHY HD FS 616P 1 CR.
 SYSTEMIC AND RELATIONAL PERSPECTIVES OF
 PSYCHOPATHOLOGY
 8521005 W 11:00-12:30

LANGUAGE&PERCEP DEV HD FS 632 3 CR.
 PREREQ: 510
 2266005 W 6:00-9:00PM

ADV TOP FAMILY STDI HD FS 690A VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS HOUSING HD FS 690B VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP RESOURC MGT HD FS 690C VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN DEVEL HD FS 690D VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CHILD DEVEL HD FS 690E VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY EDUC HD FS 690F VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP EARLY SP ED HD FS 690G VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HUMAN, FAMLY HD FS 690I VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS THERAPY HD FS 690M VAR. CR.
 PREREQ: INSTR PERMISSN, ENROLLMENT IN PH.D. PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

COLLEG TCH INTERNSP HD FS 691A VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP HD FS 691B VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FAM THRPY INTERNSP HD FS 691C VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY STUDIE HD FS 699A VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HOUSING HD FS 699B VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING

HUMAN DEVELOPMENT & FAMILY STUDIES

RES FAM RESOURC MGT HD FS 699C VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH HUMAN DEV HD FS 699D VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CHILD DEV HD FS 699E VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CHLDHD ED HD FS 699F VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES EARLY CH SPL ED HD FS 699G VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES HUM DEV&FAM STD HD FS 699I VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES MAR&FAM THERAPY HD FS 699M VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH FAMILY POLICY HD FS 699N VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IMMUNOBIOLOGY

SEMINAR IMMUNOBIOLG IMBIO 604 1 CR.
 5949005 ARRANGED

SPECIAL TOPICS IMBIO 690 VAR. CR.
 5986005 ARRANGED

GRAD RSEARCH ROTATN IMBIO 697 VAR. CR.
 5991005 ARRANGED

RESEARCH IMBIO 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING

ORIENTATION I E 101 R CR.
 SATISFACTORY-FAIL ONLY.
 4402005 W 2:10-3:00

INFO ENGINEERING I E 148 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN MATH 142
 5037005 A1 MW 3:10-4:00
 F 8:00-9:50
 5037010 A2 MW 3:10-4:00
 F 2:10-4:00

APP ERGON& WORK DSN I E 271 3 CR.
 PREREQ: PHYS 221
 5169005 A1 TR 3:40-5:00
 SECT A1 RESTRICTED TO I E MAJORS ONLY
 5169010 A2 TR 3:40-5:00
 SECT A2 RESTRICTED TO MAJORS OTHER THAN I E

COOPERATIVE EDUC I E 298 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 4407005 ARRANGED

ENGR ECONOMIC ANALY I E 305 3 CR.
 PREREQ: MATH 166
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4425005 A MWF 2:10-3:00
 SECTION A RESTRICTED TO I E MAJORS ONLY
 4425010 B MWF 2:10-3:00
 SECTION B RESTRICTED TO MAJORS OTHER
 THAN I E

WMN&MEN ENGR WRKPLC I E 325X 3 CR.
 PREREQ: ENGL 105
 MEETS U.S. DIVERSITY REQMT.
 8403005 MWF 11:00-11:50
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SOLIDIFICATN PROCES I E 348 3 CR.
 PREREQ: 248
 COURSE RESTRICTED TO I E MAJORS ONLY, OTHER
 MAJORS BY PERMISSION OF INSTRUCTOR. LECTURE MEETS
 30 OF 45 PERIODS. SEE SYLLABUS.
 MATERIALS FEE \$20.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5810005 A MWF 9:00-9:50
 T 8:00-9:50
 5810010 B MWF 9:00-9:50
 R 8:00-9:50
 5810015 C MWF 9:00-9:50
 T 10:00-11:50
 5810020 D MWF 9:00-9:50
 R 10:00-11:50
 5810025 E MWF 9:00-9:50
 T 1:10-3:00
 5810030 F MWF 9:00-9:50
 R 1:10-3:00

STAT QUALITY ASSURN I E 361 3 CR.
 PREREQ: STAT 231 OR 401
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4416005 A MWF 1:10-2:00
 SECT A RESTRICTED TO I E MAJORS ONLY
 4416010 B MWF 1:10-2:00
 SECT B RESTRICTED TO MAJORS OTHER THAN I
 E

ENGR INTERNSHIP I E 397 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 8699005 ARRANGED

COOPERATIVE EDUCATN I E 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 298, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 4424005 ARRANGED

INDUSTRIAL ENGINEERING

INTDISCIP PROB SOLV I E 408 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5899005 A MW 9:00-11:50
 SECT A:JAN 10-MARCH 11
 5899010 B MW 2:10-5:00
 SECT B:JAN 10-MARCH 11

MANUF SYSTEMS MODLNG I E 419 3 CR.
 PREREQ: STAT 231
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8120005 MWF 2:10-3:00

INDUSTR ENGR DESIGN I E 441 3 CR.
 PREREQ: 271, 305, 312, 348, 413
 COURSE RESTRICTED TO I E, IMSE MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4432005 A T 12:40-2:00
 TR 2:10-5:00
 4432010 B T 12:40-2:00
 TR 9:00-11:50

MULTIDISC ENGR DSGN I E 466 3 CR.
 PREREQ: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 1902005 T 3:10-4:00
 TR 4:10-6:00PM
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

IND STDY MANUFACTRG I E 490A 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD HUMAN FACTR I E 490B 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD OPER RESRCH I E 490C 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD ENTPRSE CMP I E 490D 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY ENGR MGT I E 490E 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS I E 490H 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SR CLASSIFICATION, PERMISSION OF INSTR
 UNIV HONORS PROGRAM MEMBERSHIP
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING

COOPERATIVE EDUCATN I E 498 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 298, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 4442005 ARRANGED

ANALY STOCHASTC SYS I E 513 3 CR.
 PREREQ: STAT 231
 6974005 TR 3:40-5:00

SIMULATN MODEL&ANLY I E 519 3 CR.
 PREREQ: COM S 311, STAT 401
 4454005 MWF 9:00-9:50

QUAL CNTRL&ENG STAT I E 531 3 CR.
 PREREQ: STAT 342 OR 447
 4457005 TR 3:40-5:00

INVENTORY&PROD PLAN I E 541 3 CR.
 PREREQ: 341
 4463005 MWF 1:10-2:00

CMPTR GRPH&GEOM MOD I E 557 3 CR.
 PREREQ: M E 421, PROGRAMMING EXPERIENCE IN C
 7694005 TR 12:40-2:00

CON QUAL IMPRV PROC I E 561 3 CR.
 PREREQ: 361
 7304005 MW 3:40-5:00

APPLIED SYSTEMS ENG I E 566 3 CR.
 PREREQ: 565
 5704005 TR 8:00-9:15

INTRACT METH TCHNOL I E 574X 3 CR.
 PREREQ: COM S 227 AND 228 OR PROGRAMMING SKILLS
 IN C++ AND JAVA OR PERMISSION OF INSTRUCTOR
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7755005 TR 9:30-10:50

REQUIREMNTS ENGRING I E 585X 3 CR.
 PREREQ: 148 AND GRADUATE CLASSIFICATION IN
 ENGINEERING
 8181005 TR 2:10-3:30

SPL TOP MANUFACTRNG I E 590A 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HUMAN FACTR I E 590B 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OPER RESRCH I E 590C 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENTERP CMPU I E 590D 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL ENGINEERING

SPL TOPICS ENGR MGT I E 590E 1- 5 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP IND ENGR I E 599A VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREAT COMP OPER RES I E 599C VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADVANCED TOPICS I E 690 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP I E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT
 7999005 ARRANGED

INDUS ENGR RESEARCH I E 699A VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

OPERATION RESEARCH I E 699C VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL RELATIONS

INTERNSHIP I R 598 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRAD ENROLLMENT IN INDUSTRIAL RELATNS
 4492005 ARRANGED

CREATIVE COMPONENT I R 599 3- 4 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH I R 699 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDUSTRIAL TECHNOLOGY

INTRO INDUS TECHNOL I TEC 110 1 CR.
 4495005 A T 2:10-3:00

INTR TO DESIGN ITEC I TEC 120 3 CR.
 MATERIALS FEE \$15.00
 4496005 A M 10:00-10:50
 WF 10:00-11:50

NON-METAL MFG MTRLS I TEC 130 3 CR.
 MATERIALS FEE \$50.00
 4497005 A M 12:10-1:00
 WF 12:10-2:00

ELECTRICAL FUNDMNTL I TEC 140 3 CR.
 PREREQ: MATH 160
 MATERIALS FEE \$25.00
 4498005 A M 8:00-8:50
 WF 8:00-9:50

INDUSTRIAL TECHNOLOGY

ADV TECH GRPHCS&CAD I TEC 224 3 CR.
 PREREQ: 120
 MATERIALS FEE \$20.00
 4504005 A M 12:10-1:00
 WF 12:10-2:00

METALLIC MTRLS&PROC I TEC 231 3 CR.
 MATERIALS FEE \$100.00
 4505005 A M 2:10-3:00
 TR 8:00-9:50

ANALOG MFG APPLICTN I TEC 240 3 CR.
 PREREQ: 140
 MATERIALS FEE \$25.00
 4507005 A M 1:10-2:00
 TR 1:10-3:00

PRIN INJURY PREVENT I TEC 270 3 CR.
 5625005 A TR 11:00-12:20

INTRO OCCUP SAFETY I TEC 272 2 CR.
 5626005 A TR 10:00-10:50

AUTOMATED MFG PROC I TEC 336 3 CR.
 PREREQ: 224, 231
 COURSE RESTRICTED TO I TEC MAJORS ONLY
 MATERIALS FEE \$20.00
 4522005 A W 8:00-9:50
 MF 8:00-8:50
 4522010 B W 8:00-9:50
 M 9:00-9:50
 F 8:00-8:50
 4522015 C W 8:00-9:50
 M 10:00-10:50
 F 8:00-8:50
 4522020 D W 8:00-9:50
 M 11:00-11:50
 F 8:00-8:50
 4522025 E W 8:00-9:50
 M 12:10-1:00
 F 8:00-8:50
 4522030 F W 8:00-9:50
 M 1:10-2:00
 F 8:00-8:50

DIGITL MFG APPLICTN I TEC 340 2 CR.
 PREREQ: 240
 MATERIALS FEE \$25.00
 4509005 A T 10:00-10:50
 R 10:00-11:50

TOTAL QUAL IMPROVMT I TEC 360 3 CR.
 PREREQ: STAT 101, JUNIOR CLASSIFICATION
 MATERIALS FEE \$3.00
 9202005 A TR 2:10-3:30

LEGAL ASPCT OCC SAF I TEC 394 3 CR.
 5879005 A M 6:00-9:00PM

SEMINAR INDSTRL TEC I TEC 395 1 CR.
 PREREQ: JUNIOR CLASSIFICATION
 MATERIALS FEE \$5.00
 4556005 A R 11:00-11:50

INDUSTRIAL TECHNOLOGY

INDUSTRIAL TECHNOLOGY

INTDISCIP PROB SOLV I TEC 408 3 CR.
 PREREQ: JUNIOR OR SENIOR STANDING
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5919005 A MW 9:00-11:50
 SECT A:JAN 10-MARCH 11
 5919010 B MW 2:10-5:00
 SECT B:JAN 10-MARCH 11

MATRLS STATCS&STRNG I TEC 423 3 CR.
 PREREQ: 224; PHYS 111
 MATERIALS FEE \$10.00
 4533005 A M 2:10-3:00
 WF 2:10-4:00

ELECTRC OUTPUTS MFG I TEC 440 2 CR.
 PREREQ: 240
 MATERIALS FEE \$20.00
 3538005 A T 9:00-9:50
 R 8:00-9:50

AUTOMATION SYSTEMS I TEC 446 3 CR.
 PREREQ: 340
 MATERIALS FEE \$35.00
 7973005 A M 4:10-6:00PM
 W 4:10-6:00PM

IND HYG:BIOL HAZARD I TEC 470 3 CR.
 PREREQ: 272; CHEM 163, 163L
 MATERIALS FEE \$5.00
 5639005 A MW 4:10-5:30

INDUS INTERNSHP EXP I TEC 481 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 395, PERMISSION OF INTERN COORDINATOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS I TEC 490H 1- 5 CR.
 PREREQ: GPA OF 2.5 OR BETTER FOR 2 PRECEDING SEM
 AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT.
 UNIVERSITY HONORS PROGRAM MEMBERSHIP.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY MANUFACTG I TEC 490M 1- 5 CR.
 PREREQ: GPA OF 2.5 OR BETTER FOR 2 PRECEDING SEM
 AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD OCCUP SAFET I TEC 490O 1- 5 CR.
 PREREQ: GPA OF 2.5 OR BETTER FOR 2 PRECEDING SEM
 AND COMPLETION OF AN INDEPENDENT STUDY CONTRACT
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV DESIGN&MANUFACT I TEC 502 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 4557005 A TR 4:30-6:00PM

INTERNSHP INDUS TEC I TEC 549 1- 4 CR.
 PREREQ: 10 HOURS IN INDUSTRIAL TECHNOLOGY
 4646005 ARRANGED

SPL TOP MANUFACTURG I TEC 590M 1- 4 CR.
 PREREQ: GRADUATE CLASSIFICATION IN I TEC
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCCUP SAFET I TEC 590O 1- 4 CR.
 PREREQ: GRAD CLASSIFICATION IN INDUSTRIAL TECH
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TRAIN&DEVEL I TEC 590T 1- 4 CR.
 PREREQ: GRAD CLASSIFICATION IN INDUSTRIAL TECH
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT I TEC 599 1- 3 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROGRM&LEARNER EVAL I TEC 652 3 CR.
 PREREQ: STAT 401 OR EQUIVALENT
 4585005 A T 6:00-9:00PM

CURRIC DEVELP I TEC I TEC 657 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 4588005 A W 6:00-9:00PM

RESEARCH I TEC 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INFORMATION ASSURANCE

INFORMATION WARFARE INFAS 532 3 CR.
 PREREQ: CPR E 531
 RESTRICTED TO E CPE, COM S, INFAS, LOMIS,
 GRAD STUDENTS ONLY
 8092005 TR 8:00-9:20

CRYPTOGRAPHY INFAS 533 3 CR.
 PREREQ: MATH 301 OR CPR E 310 OR COM S 330
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 8098005 MWF 1:10-2:00

INFO ASSUR LEGAL&ET INFAS 534 3 CR.
 PREREQ: CPR E 531
 RESTRICTED TO E CPE, COM S, INFAS, LOMIS,
 GRAD STUDENTS ONLY
 8095005 A TR 9:30-10:50

INTR DIGTL DTA HDNG INFAS 535X 3 CR.
 PREREQ: CPR E 531 OR E E 524 OR MATH 533 (CPR E
 533, INFAS 533)
 8509005 TR 2:10-3:30

SEMNR INFO ASSURANC INFAS 592 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5025005 1 ARRANGED

INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT IGS 599 VAR. CR.
 4480005 ARRANGED

THESIS RESEARCH IGS 699 VAR. CR.
 4481005 ARRANGED

INTERNATIONAL STUDIES

SEMNR INT'L STUDIES INTST 430 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 9583005 W 3:10-5:40

ITALIAN

ELEM ITALIAN II ITAL 102 4 CR.
 PREREQ: 101
 TESTOUT NOT AVAILABLE IF ALSO REGISTERED
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4609005 MTWRF 10:00-10:50 BERNARD R

JOURNALISM & MASS COMMUNICATION

MASS MEDIA & SOCIETY JL MC 101 3 CR.
 4656005 1 TR 9:30-10:50

JOURNLS & COMM ORIENT JL MC 110 R CR.
 4657005 1 T 12:40-2:00
 SEC 1 FOR STUDENTS NEW TO ISU FALL 2004,
 SUMMER 2004 OR SPRING 2005
 4657010 2 R 12:40-2:00

REPORT & WRIT MASS MD JL MC 201 3 CR.
 PREREQ: ENGL 105 (OR TESTOUT); A SCORE OF 26 OR
 HIGHER ON THE ACT ENGLISH EXAM, 590 OR HIGHER ON THE
 SAT VERBAL EXAM OR A PASSING SCORE ON THE GREENLEE
 SCHOOL'S ENGLISH USAGE TEST
 USAGE TEST & DEPT PERMISSION REQUIRED. SEC 1A,
 2A, ETC. FOR JL MC, ADVRT, P JMC, P ADV MAJORS. SEC
 1B, 2B, ETC. FOR ALL OTHER MAJORS.
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4658005 1A MW 10:30-1:00
 4658010 1B MW 10:30-1:00
 4658015 2A MW 3:30-6:00PM
 4658020 2B MW 3:30-6:00PM
 4658025 3A TR 2:10-4:40
 4658030 3B TR 2:10-4:40

INT REPORT MASS MED JL MC 202 3 CR.
 PREREQ: 201 WITH A C+ OR BETTER
 4659005 1 TR 9:30-10:50
 ARRANGED
 4659010 2 MW 8:00-9:20, ARRANGED
 4659015 3 TR 8:00-9:20, ARRANGED

PUBLICITY METHODS JL MC 205 3 CR.
 PREREQ: ENGL 105, NOT FOR JL MC OR ADVRT MAJORS
 JL MC & ADVRT MAJORS ARE NOT TO ENROLL IN
 JL MC 205. CREDIT DOES NOT APPLY TOWARD A DEGREE IN
 JL MC OR ADVRT.
 4660005 1 TR 12:40-2:00

ELECTRON MEDIA WRIT JL MC 206 3 CR.
 PREREQ: 201 WITH A C+ OR BETTER
 8511005 1A TR 11:00-1:30
 SEC 1A FOR JL MC, ADVRT, P JMC, P ADV
 MAJORS.
 8511010 1B TR 11:00-1:30
 SEC 1B FOR MAJORS OTHER THAN JL MC,
 ADVRT, P JMC,
 & P ADV

JOURNALISM & MASS COMMUNICATION

PRIN PUBLIC RELATNS JL MC 220 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 4684005 1 TR 2:10-3:30

STRATEG PLAN AD & PR JL MC 301 3 CR.
 PREREQ: 220 OR ADVRT 230; MAJORS AND MINORS MUST
 ALSO HAVE CR OR CONCURRENT ENROLLMENT IN JL MC 201
 SEC 1A, 2A RESTRICTED TO JL MC, ADVRT, P JMC,
 P ADV. SEC 1B, 2B FOR MAJORS OTHER THAN JL MC,
 ADVRT, P JMC AND P ADV
 3838005 1A TR 9:30-10:50
 3838010 1B TR 9:30-10:50
 3838015 2A TR 12:40-2:00
 3838020 2B TR 12:40-2:00

ELECTRON MEDIA PROD JL MC 306 3 CR.
 PREREQ: C+ OR BETTER IN 201
 8513005 1A TR 9:00-10:50
 SEC 1A FOR JL MC, ADVRT, P JMC, P ADV

MAJORS
 8513010 1B TR 9:00-10:50
 SEC 1B FOR MAJORS OTHER THAN JL MC,
 ADVRT,
 P JMC, P ADV

VIDEO FIELD PRODUC JL MC 308 3 CR.
 PREREQ: 202 OR 206, 306
 4665005 1 MW 3:10-5:00

FUND PHOTOJOURNALISM JL MC 310 3 CR.
 PREREQ: 201
 COURSE RESTRICTED TO JL MC, ADVRT, P JMC,
 P ADV MAJORS.
 8688005 1 F 9:00-11:50, ARRANGED

MULTIMEDIA PRODUCTN JL MC 315 3 CR.
 PREREQ: 342L OR 343L OR EQUIV COMPUTER DESIGN
 PROFICIENCY
 4663005 1A TR 11:00-12:20
 ARRANGED
 SEC 1A FOR JL MC, ADVRT, P JMC, P ADV

MAJORS
 4663010 1B TR 11:00-12:20
 ARRANGED
 SEC 1B FOR MAJORS OTHER THAN JL MC,
 ADVRT, P JMC,
 & P ADV

PR/CORP COMM TECHNQ JL MC 321 3 CR.
 PREREQ: 201, 220 OR ADVRT 230, ADVRT 301; 342
 AND 342L OR COMPUTER DESIGN PROFICIENCY RECOMMENDED
 SEC 1A, 2A RESTRICTED TO JL MC, ADVRT, P JMC, P ADV
 MAJORS ONLY. SEC 1B, 2B FOR MAJORS OTHER THAN JL MC,
 ADVRT, P JMC, P ADV
 4666005 1A MW 1:10-3:30
 4666010 1B MW 1:10-3:30
 4666015 2A MW 8:00-10:30
 4666020 2B MW 8:00-10:30

CONTEM MAGAZINE PUB JL MC 341 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 4672005 1 TR 11:00-12:20

VISUAL PRIN MASS CM JL MC 342 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 4673005 1 TR 3:40-5:00

JOURNALISM & MASS COMMUNICATION

JOURNALISM & MASS COMMUNICATION

LAB BAS VISUAL PRIN JL MC 342L 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 342
 COURSE ONLY OFFERED FOR 2 CREDITS SPRING 2005.
 SEC 1A,2A ETC. FOR JL MC, ADVRT, P JMC, P ADV MAJORS
 ONLY. SEC 1B,2B ETC. FOR MAJORS OTHER THAN JL MC,
 ADVRT, P JMC, P ADV.
 5325005 1A F 10:00-11:50
 ARRANGED
 5325010 1B F 10:00-11:50
 ARRANGED
 5325015 2A F 8:00-9:50, ARRANGED
 5325020 2B F 8:00-9:50, ARRANGED
 5325025 3A F 12:10-2:00, ARRANGED
 5325030 3B F 12:10-2:00, ARRANGED

LAB INTMED VIS PRIN JL MC 343L 3 CR.
 PREREQ: 342L OR EQUIV CMPTR DESIGN PROFICIENCY
 COURSE ONLY OFFERED FOR 2 CREDITS SPRING 2005
 5330005 1A F 2:10-4:00, ARRANGED
 SECTION 1A FOR JL MC, ADVRT, P JMC, P
 ADV MAJORS
 5330010 1B F 2:10-4:00, ARRANGED
 SECTION 1B FOR MAJORS OTHER THAN JL MC,
 ADVRT,
 P JMC, P ADV

PUBL AFFAIRS REPORT JL MC 346 3 CR.
 PREREQ: 202 OR 206
 4675005 1 TR 12:40-2:00

SCIENCE COMMUNICATN JL MC 347 3 CR.
 PREREQ: 202 OR 206 FOR JL MC MAJORS; ADVRT 301
 FOR ADVRT MAJORS
 4676005 MWF 9:00-9:50

PRINT MEDIA EDITING JL MC 349 3 CR.
 PREREQ: 202 OR 206
 4677005 1 MW 12:10-3:00

ADV REPORTNG VISUAL JL MC 355 3 CR.
 PREREQ: 206, 306, 308
 8520005 1 MW 10:00-11:50
 ARRANGED

MEDIA MANAGEMENT JL MC 406 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 1812005 1 MW 12:10-1:30

PUBLIC REL CAMPAIGN JL MC 424 3 CR.
 PREREQ: 220, 301, AND 321, JUNIOR CLASSIFICATION
 COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 7625005 1 TR 11:00-12:20

ADV PRINT MED EDITG JL MC 449 3 CR.
 PREREQ: 342,342L,349, JUNIOR CLASSIFICATION
 COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 7202005 1 MW 10:00-11:30

ADV FIELD PRODUCTN JL MC 455 3 CR.
 PREREQ: 206, 308
 COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 9587005 1 MW 12:10-2:00

MASS COMMUNICAT LAW JL MC 460 3 CR.
 PREREQ: 201, JUNIOR CLASSIFICATION
 COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4688005 1 MWF 8:00-8:50

HISTORY AMER JRNLISM JL MC 461 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4689005 1 TR 9:30-10:50

WORLD COMMUNIC SYST JL MC 476 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4693005 1A MW 3:40-5:00
 SECT 1A RESTRICTED TO JL MC JUNIORS
 4693010 1B MW 3:40-5:00
 SECT 1B FOR JUNIORS OTHER THEN JL MC

IND STD BOOK PUBLSH JL MC 490A VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ELEC MEDIA JL MC 490B VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY MAGAZINE JL MC 490C VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY NEWSPAPER JL MC 490D VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD ADVERTISING JL MC 490E VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD COMM TECHN L JL MC 490F VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY EDUCATION JL MC 490G VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

JOURNALISM & MASS COMMUNICATION

INDEP STUDY HONORS JL MC 490H VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION. MEMBERSHIP IN
 UNIVERSITY HONORS PROGRAM.
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY MEDIA MGT JL MC 490I VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY PUBLIC REL JL MC 490K VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD VISUAL COMM JL MC 490L VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD CONTEMP ISS JL MC 490M VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY ETHICS JL MC 490N VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD SPICAL COMM JL MC 490O VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L COMM JL MC 490P VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY HIST&LIT JL MC 490Q VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDT STUDY LAW JL MC 490R VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

JOURNALISM & MASS COMMUNICATION

IND STD PUB OPINION JL MC 490S VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD RES METHODS JL MC 490T VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD DOCUMENTARY JL MC 490U VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY PERSUASION JL MC 490V VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD PUB AFFAIRS JL MC 490W VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY INTERNET JL MC 490Y VAR. CR.
 PREREQ: JUNIOR CLASSIFICATION
 NO MORE THAN 6 CREDITS OF JL MC 490 MAY BE
 APPLIED TOWARD A DEGREE IN JL MC OR ADVERTISING
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFES MEDIA INTERN JL MC 499 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 202 OR 206 OR ADVRT 301, JUNIOR CLASSIF
 AND ADVISER'S FORMAL APPROVAL OF WRITTEN PROPOSAL
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COMM RESEARCH METHD JL MC 502 4 CR.
 PREREQ: 501
 4726005 1 MW 6:10-8:00PM
 ARRANGED

MEDIA MANAGEMENT JL MC 506 3 CR.
 PREREQ: 6 CREDITS IN SOCIAL SCI (ECON HIGHLY
 RECOMMENDED) OR ADMISSION TO THE GRAD PROGRAM
 1813005 1 MW 12:10-1:30

STRATEG OF COMMUNIC JL MC 510 3 CR.
 PREREQ: 501 OR EQUIVALENT SOCIAL SCI THEORY
 4730005 1 R 6:00-9:00PM

PUBLIC REL CAMPAIGN JL MC 524 3 CR.
 PREREQ: 6 CR IN SOC SCI OR ADMISSION TO GRAD PROG
 COURSE RESTRICTED TO JL MC, ADVRT MAJORS ONLY
 7627005 1 TR 11:00-12:20

LANDSCAPE ARCHITECTURE

JOURNALISM & MASS COMMUNICATION

SCIENCE COMMUNICATN JL MC 547 3 CR.
 PREREQ: 6 CR SOCIAL SCI OR ADMISSION TO GRAD PROG
 202 OR 206 FOR JL MC MAJORS; 301 FOR ADVRT MAJORS
 7316005 MWF 9:00-9:50

WORLD COMMUNIC SYST JL MC 576 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4738005 1A MW 3:40-5:00

SP TOP MEDIA STUDIE JL MC 590A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRO SPICALZ JL MC 590B VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS RESEARCH JL MC 590C VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP TECHNQ&STYLE JL MC 590D VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP SPLZ COMMUNC JL MC 590E VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESNL INTERNSHIP JL MC 591 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

THSIS RSRCH/CRTV CM JL MC 599 VAR. CR.
 PREREQ: APPROVED PROPOSAL
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH JL MC 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

REGIONL LANDSC DSGN L A 302 6 CR.
 PREREQ: 301 OR PERMISSION OF INSTRUCTOR
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$10.00-\$610.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4778005 F 1:10-3:50
 F 4:10-5:20
 MW 1:10-5:20

FIELD TRAVEL L A 309 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ENROLLMENT IN THE PROFESSIONAL PROGRAM
 AND PERMISSION OF ADVISOR
 FIELD TRIPS & TRAVEL FEE \$50.00-\$300.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4771005 1 ARRANGED
 4771010 2 ARRANGED

INTRDUCD PLT MIDWST L A 321 3 CR.
 PREREQ: 221
 FIELD TRIPS & TRAVEL FEE \$15.00-\$200.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4774005 TR 1:10-4:00

CONTEMP LANDSC ARCH L A 341 1 CR.
 6119005 F 12:10-1:00

LAND ARC HIST 1800- L A 371 3 CR.
 4662005 1 TR 9:30-10:50
 SECTION 1 RESTRICTED TO L A MAJORS ONLY
 4662010 2 TR 9:30-10:50
 SECTION 2 FOR MAJORS OTHER THAN L A

ADV LAND ARC DESIGN L A 404 6 CR.
 PREREQ: 401
 MATERIALS AND FIELD TRIPS & TRAVEL FEE
 \$10.00-\$610.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4781005 A MW 1:10-5:20
 F 1:10-3:50
 F 4:10-5:20
 4781010 B MW 1:10-5:20
 F 1:10-3:50
 F 4:10-5:20

SENIOR THESIS L A 405 6 CR.
 PREREQ: 401,402,403 AND PERMISSION OF ADVISOR,
 CHAIR AND THESIS ADVISOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROFESSIONL PRACTCE L A 441 3 CR.
 PREREQ: 482
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4783005 TR 8:00-9:20

LANDSCAPE ARCHITECTURE

STUDIO2:SITE PLAN I L A 202 6 CR.
 PREREQ: 201
 FIELD TRIPS & TRAVEL FEE \$10.00-\$60.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4767005 MW 1:10-5:20
 F 4:10-5:20
 F 1:10-3:50

SOCIAL&BEHAV LNDSCP L A 274 3 CR.
 FIELD TRIPS & TRAVEL FEE \$15.00-\$25.00
 MEETS U.S. DIVERSITY REQMT.
 7943005 1 TR 12:40-2:00
 SEC 1 RESTRICTED TO L A MAJORS ONLY
 7943010 2 TR 12:40-2:00
 SEC 2 FOR MAJORS OTHER THAN L A

LANDSCAPE ARCHITECTURE

LANDSCAPE ARCHITECTURE

LAND ARCH INTERNSHP L A 451A R CR.
 PREREQ: 450, DSN S 301, PERMSN OF ADVISOR & CHAIR
 3036005 ARRANGED

L ARCH STUDY ABROAD L A 451B R CR.
 PREREQ: 450, DSN S 301, PERMISSION OF ADVISOR AND
 DEPT CHAIR
 6212005 ARRANGED

L A NAT'L STD XCHNG L A 451C R CR.
 PREREQ: 450, DSN S 301, PERMISSION OF ADVISOR AND
 DEPT CHAIR
 6213005 ARRANGED

TOPIC LANDSC DESIGN L A 478A 2- 3 CR.
 PREREQ: 371 OR SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 6216005 ARRANGED

TOPIC PLANTNG DSIGN L A 478B 2- 3 CR.
 PREREQ: 371 OR SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 3911005 ARRANGED

TOPIC CONSTRUCTION L A 478C 2- 3 CR.
 PREREQ: 371 OR SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 3913005 ARRANGED

TOPIC HIST/THRY/CRT L A 478D 2- 3 CR.
 PREREQ: 371 OR SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 3917005 ARRANGED

TOPIC LANDSC PLANNG L A 478E 2- 3 CR.
 PREREQ: 371 OR SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 3918005 ARRANGED

TOPIC URBAN DESIGN L A 478F 2- 3 CR.
 PREREQ: 371 OR SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 3919005 ARRANGED

TOPICAL ST GRAPHICS L A 478G 2- 3 CR.
 PREREQ: 371 OR SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 3921005 ARRANGED

TOPICAL STUD HONORS L A 478H 2- 3 CR.
 PREREQ: 371 OR SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 3959005 ARRANGED

TOPIC INTERDISCIPLIN L A 478I 2- 3 CR.
 PREREQ: 371 OR SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 3970005 ARRANGED

TOPIC INTERNAT'L ST L A 478J 2- 3 CR.
 PREREQ: 371 OR SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 4073005 ARRANGED

TOPIC COMPUTER APP L A 478K 2- 3 CR.
 PREREQ: 371 OR SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 4092005 ARRANGED

TOPIC ECOLOG DESIGN L A 478L 2- 3 CR.
 PREREQ: 371 OR SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 6990005 ARRANGED

ADV LNDSCP CONSTRUC L A 482 2 CR.
 PREREQ: 481
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$25.00
 8224005 TR 9:30-10:50
 TR 9:30-10:50

IND STDY LAND DSIGN L A 490A 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY PLNTNG DSN L A 490B 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CONSTRUCT L A 490C 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY L A 490D 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD LANDSC PLAN L A 490E 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

LANDSCAPE ARCHITECTURE

IND STDY URBAN DSGN L A 490F 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY GRAPHICS L A 490G 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS L A 490H 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 MEMBERSHIP IN UNIV HONORS PROGRAM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY INTERDISC L A 490I 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD INT'L STUDI L A 490J 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY CMPTR APPL L A 490K 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY ECO DESIGN L A 490L 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

MINING RECLM &MITIG L A 509 3 CR.
 PREREQ: ADMISSION TO GRAD PROGRAM OR PERMISSION
 OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4804005 R 5:10-8:00PM

STUDIO RESOURCE MGT L A 562 2- 6 CR.
 PREREQ: ADMISSION TO GRAD PROGRAM OR PERMISSION
 OF INSTRUCTOR
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1663005 TR 8:00-10:50

L A HIST & PRESERV L A 572 3 CR.
 PREREQ: ADMISSION TO GRAD PROGRAM OR PERMISSION
 OF INSTRUCTOR
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$25.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4811005 TR 12:40-2:00 HOHMANN H

TOPIC LANDSC DESIGN L A 578A 2- 3 CR.
 PREREQ: SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 4114005 ARRANGED

TOPIC PLANTNG DSIGN L A 578B 2- 3 CR.
 PREREQ: SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 4165005 ARRANGED

TOPIC CONSTRUCTION L A 578C 2- 3 CR.
 PREREQ: SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 4166005 ARRANGED

TOPIC HIST/THRY/CRT L A 578D 2- 3 CR.
 PREREQ: SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 4182005 ARRANGED

TOPIC LANDSC PLANNG L A 578E 2- 3 CR.
 PREREQ: SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 4191005 ARRANGED

TOPIC URBAN DESIGN L A 578F 2- 3 CR.
 PREREQ: SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 4199005 ARRANGED

TOPICAL ST GRAPHICS L A 578G 2- 3 CR.
 PREREQ: SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 4200005 ARRANGED

TOPICAL STUD HONORS L A 578H 2- 3 CR.
 PREREQ: SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 4218005 ARRANGED

TOPIC INTERDISCIPLIN L A 578I 2- 3 CR.
 PREREQ: SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 4226005 ARRANGED

TOPIC INTERNAT'L ST L A 578J 2- 3 CR.
 PREREQ: SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 4228005 ARRANGED

LANDSCAPE ARCHITECTURE

TOPIC COMPUTER APP L A 578K 2- 3 CR.
 PREREQ: SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 4250005 ARRANGED

TOPICAL ECO DESIGN L A 578L 2- 3 CR.
 PREREQ: SENIOR OR GRADUATE STANDING
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$15.00-\$40.00
 4254005 ARRANGED

THESIS, CRTV CMP, TUT L A 580 1- 4 CR.
 PREREQ: PERMISSION OF MAJOR PROFESSOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH COLLOQUIUM L A 582 1 CR.
 PREREQ: ADMISSION TO GRAD PROGRAM OR PERMISSION
 OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8975005 W 6:00-8:00PM KELLER J

SPL TOP LANDSC DSGN L A 590A 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC PLNTNG DSN L A 590B 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSTRUCTN L A 590C 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS HISTORY L A 590D 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP LANDSC PLAN L A 590E 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP URBAN DSIGN L A 590F 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANDSCAPE ARCHITECTURE

SPL TOPICS GRAPHICS L A 590G 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS HONORS L A 590H 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP L A 590I 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L STUDI L A 590J 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CMPTR APPL L A 590K 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC ECO DESIGN L A 590L 1- 4 CR.
 PREREQ: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENVIRONMENTAL LAW L A 591 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 2350005 TR 8:00-9:20
 SECTION INFO:
<http://www.public.iastate.edu/%7etlclapp/>

CREATIVE COMPONENT L A 599 VAR. CR.
 PREREQ: PERMISSION OF MAJOR PROF
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

THESIS RESEARCH L A 699 VAR. CR.
 PREREQ: PERMISSION OF PROFESSOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LATIN

ELEMENTARY LATIN II LATIN 102 4 CR.
 PREREQ: 101
 STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
 SCHOOL LATIN MAY NOT ENROLL IN 102. STUDENTS WHO
 HAVE
 COMPLETED MORE THAN 1 YEAR BUT LESS THAN 3 YEARS OF
 H.S. LATIN ARE REQUIRED TO TAKE 1ST YR TESTOUT EXAM.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4855005 1 MTWRF 11:00-11:50
 4855010 2 MTWRF 2:10-3:00

LIBERAL ARTS & SCIENCES**LATIN**

INDEPENDENT STUDY LATIN 490 1- 6 CR.
 PREREQ: 6 CR IN LATIN; PERMISSION OF DEPT CHAIR
 NO MORE THAN 9 CREDITS IN LATIN 490 MAY BE
 APPLIED TOWARD GRADUATION.
 PERMISSION OF DEPARTMENT CHAIR REQUIRED,
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIBERAL ARTS & SCIENCES

ORIENTATION LAS 101 .5 CR.
 SATISFACTORY-FAIL ONLY.
 6241005 W 1:10-2:00
 JAN 10-MARCH 4

PERSONAL CAREER DEV LAS 104 2 CR.
 PREREQ: 12 CREDITS OF ISU COURSEWORK
 6243005 1 TR 11:00-11:50
 6243010 2 TR 11:00-11:50
 6243015 3 MW 11:00-11:50
 6243020 4 MW 2:10-3:00

ACT LRN CMM SEMINAR LAS 140X 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: MEMBER OF ACT LEARNING COMMUNITY
 8043005 ARRANGED

INTR U.S. LATINO ST LAS 211 3 CR.
 MEETS U.S. DIVERSITY & INTL PERSPECTIVES REQMT.
 2890005 1 TR 9:30-10:50
 2890010 2 MWF 9:00-9:50

SPECIAL PROBLEMS LAS 290 1- 3 CR.
 PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION;
 PERMISSION OF LAS DEAN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROBL CATT CNTR LAS 290G 1- 3 CR.
 PREREQ: FRESHMAN OR SOPHOMORE CLASSIFICATION,
 PERMISSION OF THE DIRECTOR OF THE CATT CENTER
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 298 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF LAS ADVISING AND CAREER
 SERVICES, SOPHOMORE CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

ASIAN AMER CULTURES LAS 325 3 CR.
 PREREQ: ENGL 105
 MEETS U.S. DIVERSITY REQMT.
 7260005 MWF 9:00-9:50

TOPCS INTRDISCIP ST LAS 350 2- 4 CR.
 PREREQ: ENGL 105
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 7269005 A ARRANGED
 7269010 B TR 11:00-12:20

THE HOLOCAUST LAS 385 2- 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 4837005 T 6:00-9:00PM

INTERNSHIP/CO-OP LAS 398 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF LAS ADVISING AND CAREER
 SERVICES, JUNIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

STUDENT TCH SEC MUS LAS 417K VAR. CR.
 PREREQ: MUSIC 466; ADMISSION TO TEACHER EDUC;
 APPROVAL OF COORDINATOR DURING SEM BEFORE STUDENT
 TCH
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 6719005 1 ARRANGED
 SECT 1:JAN 10-APRIL 8
 6719010 2 ARRANGED
 SECT 2:FEB 7-MAY 6
 6719015 3 ARRANGED

STUDNT TCH ELEM MUS LAS 417L VAR. CR.
 PREREQ: MUSIC 466; ADMISSION TO TEACHER EDUC;
 APPROVAL OF COORDINATOR DURING SEM BEFORE STUDENT
 TCH
 PROFESSIONAL SUPPORT FEE \$100.00-\$200.00
 6725005 1 ARRANGED
 SECT 1:JAN 10-APRIL 8
 SECTION 1 OFFERED FOR 12 CREDITS
 6725010 2 ARRANGED
 SECT 2:FEB 7-MAY 6
 SECTION 2 OFFERED FOR 12 CREDITS
 6725015 3 ARRANGED
 SECTION 3 OFFERED FOR 8 CREDITS.

FLD EXP TCH HISTORY LAS 480A .5- 2 CR.
 8150005 ARRANGED

FIELD EXP TCHG MATH LAS 480C .5- 2 CR.
 8176005 ARRANGED

INDEPENDENT STUDY LAS 490 VAR. CR.
 PREREQ: PERMISSION OF THE DEAN OF THE LAS COLLEGE
 NO MORE THAN 9 CREDITS OF LAS 490 MAY BE
 APPLIED TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY CATT CNTR LAS 490G VAR. CR.
 PREREQ: PERMISSION OF DIRECTOR OF CATT CENTER
 NO MORE THAN 9 CREDITS OF LAS 490 MAY BE
 APPLIED TOWARD GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP/CO-OP LAS 498 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF LAS ADVISING AND CAREER
 SERVICES, SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP LAS 499 1- 4 CR.
 PREREQ: PERMISSION OF DEAN OF COLLEGE OF LAS
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIBRARY

LIB INSTRUCTION LIB 160 .5 CR.
 SATISFACTORY-FAIL ONLY.

PREREQ: STUDENTS WHOSE NATIVE LANGUAGE IS NOT
 ENGLISH MUST COMPLETE ENGLISH 101 REQUIREMENT
 TEST-OUT EXAM SCHEDULED WED., JAN. 19, 4:00 PM;
 THURS., JAN. 20, 3:00 PM; WED., MARCH 23, 4:00 PM;
 OR THURS., MARCH 24, 3:00 PM. SPECIAL LIBRARY TEST-
 OUT FEE IS \$20. DETAILS AVAILABLE IN 150 PARKS LIBRARY.

LIBRARY**LIBRARY**

4862005 1 M 9:00-9:50
SECT 1:JAN 10-MARCH 4

4862010 2 M 10:00-10:50
SECT 2:JAN 10-MARCH 4

4862015 3 M 11:00-11:50
SECT 3:JAN 10-MARCH 4

4862020 4 M 1:10-2:00
SECT 4:JAN 10-MARCH 4

4862025 5 M 2:10-3:00
SECT 5:JAN 10-MARCH 4

4862030 6 T 9:00-9:50
SECT 6:JAN 10-MARCH 4

4862035 7 T 10:00-10:50
SECT 7:JAN 10-MARCH 4

4862040 8 T 11:00-11:50
SECT 8:JAN 10-MARCH 4

4862045 9 W 10:00-10:50
SECT 9:JAN 10-MARCH 4

4862050 10 W 11:00-11:50
SECT 10:JAN 10-MARCH 4

4862055 11 W 1:10-2:00
SECT 11:JAN 10-MARCH 4

4862060 12 W 2:10-3:00
SECT 12:JAN 10-MARCH 4

4862065 13 R 9:00-9:50
SECT 13:JAN 10-MARCH 4

4862070 14 R 1:10-2:00
SECT 14:JAN 10-MARCH 4

4862075 15 R 2:10-3:00
SECT 15:JAN 10-MARCH 4

4862080 16 F 9:00-9:50
SECT 16:JAN 10-MARCH 4

4862085 17 F 10:00-10:50
SECT 17:JAN 10-MARCH 4

4862090 18 F 11:00-11:50
SECT 18:JAN 10-MARCH 4

4862095 19 F 1:10-2:00
SECT 19:JAN 10-MARCH 4

4862100 20 M 9:00-9:50
SECT 20:BEGINS WK OF 3/7

4862105 21 M 10:00-10:50
SECT 21:BEGINS WK OF 3/7

4862110 22 M 11:00-11:50
SECT 22:BEGINS WK OF 3/7

4862115 23 M 1:10-2:00
SECT 23:BEGINS WK OF 3/7

4862120 24 M 2:10-3:00
SECT 24:BEGINS WK OF 3/7

4862125 25 T 9:00-9:50
SECT 25:BEGINS WK OF 3/7

4862130 26 T 10:00-10:50
SECT 26:BEGINS WK OF 3/7

4862135 27 T 11:00-11:50
SECT 27:BEGINS WK OF 3/7

4862140 28 W 10:00-10:50
SECT 28:BEGINS WK OF 3/7

4862145 29 W 11:00-11:50
SECT 29:BEGINS WK OF 3/7

4862150 30 W 1:10-2:00
SECT 30:BEGINS WK OF 3/7

4862155 31 W 2:10-3:00
SECT 31:BEGINS WK OF 3/7

4862160 32 R 9:00-9:50
SECT 32:BEGINS WK OF 3/7

4862165 33 R 1:10-2:00
SECT 33:BEGINS WK OF 3/7

4862170 34 R 2:10-3:00
SECT 34:BEGINS WK OF 3/7

LIB INSTRUCTION LIB 160 .5 CR.
4862175 35 F 9:00-9:50
SECT 35:BEGINS WK OF 3/7

4862180 36 F 10:00-10:50
SECT 36:BEGINS WK OF 3/7

4862185 37 F 11:00-11:50
SECT 37:BEGINS WK OF 3/7

4862190 38 F 1:10-2:00
SECT 38:BEGINS WK OF 3/7

4862200 40 S 10:00-11:50
SECT 40:JAN 22-FEB 5
SECTION 40 MEETS JAN 22, JAN 29 AND FEB 5.

LINGUISTICS

INTR SYMBOLIC LOGIC LING 207 3 CR.
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
8592005 MWF 3:10-4:00

INTRO LINGUISTICS LING 219 3 CR.
PREREQ: SOPHOMORE CLASSIFICATION
8593005 A1 MWF 11:00-11:50
SECT A1 RESTRICTED TO EDUCATION MAJORS
ONLY
8593010 B1 TR 9:30-10:50
SECTION B1 RESTRICTED TO ENGL & TCOMM
MAJORS
SOPHS AND ABOVE
8593015 B2 TR 9:30-10:50
SECT B2 FOR MAJORS OTHER THAN ENGL AND
TCOMM
8593020 C1 MWF 9:00-9:50
SECTION C1 RESTRICTED TO ENGL & TCOMM
MAJORS
SOPHS AND ABOVE
8593025 C2 MWF 9:00-9:50
SECT C2 FOR MAJORS OTHER THAN ENGL AND
TCOMM

DESCRP ENGL GRAMMAR LING 220 3 CR.
PREREQ: ENGL 105
8594005 A TR 9:30-10:50
8594010 B MWF 10:00-10:50

INTRO COMM DISORDER LING 275 3 CR.
8596005 TR 12:40-2:00

NONVERBAL COMMUNIC LING 325 3 CR.
PREREQ: SP CM 101
COURSE RESTRICTED TO COMST MAJORS ONLY
8600005 1 TR 8:00-9:20

THEORY OF COMPUTING LING 331 3 CR.
PREREQ: COM S 330
SECTIONS A1,B1 RESTRICTED TO COM S MAJORS ONLY.
SECTIONS A2,B2 RESTRICTED TO CPR E MAJORS ONLY.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8601005 A1 MWF 8:00-8:50
T 10:00-10:50
8601010 A2 MWF 8:00-8:50
T 10:00-10:50
8601015 B1 MWF 8:00-8:50
T 9:00-9:50
8601020 B2 MWF 8:00-8:50
T 9:00-9:50

LINGUISTICS

LINGUISTICS

INTR SPANSH PHONOLG LING 352 3 CR.
 PREREQ: SPAN 301, 303, OR 304
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3492005 1 TR 11:00-12:20

PHONETICS&PHONOLOGY LING 371 3 CR.
 8595005 TR 9:30-10:50

HIST OF ENGLISH LANG LING 420 3 CR.
 PREREQ: 219, 220
 COURSE RESTRICTED TO JUNIORS AND SENIORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8605005 A TR 12:40-2:00

WOMEN,MEN&ENGL LANG LING 422 3 CR.
 PREREQ: 219
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3612005 A TR 9:30-10:50

IND STD LINGUISTICS LING 490B VAR. CR.
 PREREQ: 9 CR IN ENGL BEYOND 105 APPROPRIATE TO
 THE SECTION TAKEN, JR CLASSIFICATION, PERMISSION OF
 THE UNDERGRADUATE STUDIES COMMITTEE
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LING ANTHR LING 490D 1- 5 CR.
 PREREQ: 9 CREDITS IN ANTHROPOLOGY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

LANGUAGE & CULTURE LING 500 3 CR.
 PREREQ: 309
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8615005 W 5:10-8:00PM COMITO J

SOCIOLINGUISTICS LING 514 3 CR.
 PREREQ: 3 CREDITS IN LINGUISTICS
 8619005 A TR 11:00-12:20

TCH LIS&SPK NONNATV LING 525 3 CR.
 PREREQ: 511 OR INTRODUCTORY COURSE IN LINGUISTICS
 4479005 A MW 2:10-3:30

CPR-ASSIST LANG LRN LING 526 3 CR.
 PREREQ: 511 AND 513 OR EQUIVALENT
 7280005 A TR 9:30-10:50

DISCOURSE ANALYSIS LING 527 3 CR.
 PREREQ: 511 OR AN INTRO COURSE IN LINGUISTICS
 2238005 A M 6:00-9:00PM

SPECIAL TOPICS LING 590 1- 5 CR.
 PREREQ: 10 CR IN ANTHR; SR OR GRAD CLASSIFICATION
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TESL/LINGUI LING 590B VAR. CR.
 PREREQ: GRAD STUDIES COMMITTEE PERMISSION THROUGH
 GUIDELINES AVAILABLE IN DEPARTMENT OFFICE
 ***** SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT

ENTREPRENRSHP&INNOV MGMT 310 3 CR.
 PREREQ: JUNIOR CLASSIFICATION
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5318005 A1 T 6:00-9:00PM
 SECTION A1 RESTRICTED TO ACCT, BUS S,
 BUS U,
 FIN, MGMT, MIS, MKT, POM, TRLOG MAJORS
 ONLY
 5318010 A2 T 6:00-9:00PM
 SECTION A2 FOR COLLEGES OTHER THAN
 BUSINESS
 MAJORS

FEASIB ANLY&BUS PLN MGMT 313 3 CR.
 PREREQ: 310
 COURSE NOT OPEN TO P BUS MAJORS
 6779005 A TR 3:40-5:00
 COLLEGE PERMISSION REQUIRED - GO TO
 1200 GERDIN
 6779010 B MW 3:40-5:00
 COLLEGE PERMISSION REQUIRED - GO TO
 1200 GERDIN

MANAGMT ORGANIZATNS MGMT 370 3 CR.
 PREREQ: ECON 101
 SEC A1,B1 RESTRICTED TO ACCT, BUS S, BUS,FIN,
 I BUS, MGMT, MIS, MKT, POM, TRLOG MAJORS ONLY.
 SEC A2,B2 FOR COLLEGES OTHER THAN BUSINESS.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5282005 A1 MWF 12:10-1:00
 5282010 A2 MWF 12:10-1:00
 5282015 B1 MWF 9:00-9:50
 5282020 B2 MWF 9:00-9:50
 5282025 C1 W 6:00-9:00PM

ORGANIZATNAL BEHAVR MGMT 371 3 CR.
 PREREQ: 370
 SEC A1,B1,C1 RESTRICTED ACCT, BUS S, BUS U,
 FIN, MGMT, MIS, MKT, POM, TRLOG MAJORS ONLY SEC
 A2,B2,C2 RESTRICTED EX SP, C H E, HHP MAJORS ONLY.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5283005 A1 MWF 9:00-9:50
 5283010 A2 MWF 9:00-9:50
 5283015 B1 MWF 10:00-10:50
 5283020 B2 MWF 10:00-10:50
 5283025 C1 M 6:00-9:00PM
 5283030 C2 M 6:00-9:00PM

COMPETITIVE STRATGY MGMT 377 3 CR.
 PREREQ: ECON 101 AND JUNIOR CLASSIFICATION
 COURSE RESTRICTED TO MGMT MAJORS ONLY
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5320005 A TR 3:40-5:00
 5320010 B T 5:30-8:30PM

MANAGEMENT**MANAGEMENT****INTERNATIONAL MGMT MGMT 414 3 CR.**

SECTIONS A1,B1 RESTRICTED MGMT MAJORS ONLY
SECTION A2,B2 RESTRICTED TO ACCT, BUS S, BUS U,
FIN, MIS, MKT, POM, TRLOG MAJORS ONLY

MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

5285005 A1 T 5:30-8:30PM
5285010 A2 T 5:30-8:30PM
5285015 B1 MWF 2:10-3:00
5285020 B2 MWF 2:10-3:00

MANAGI NEW VENTURES MGMT 415 3 CR.

PREREQ: 370, MKT 340, FIN 301, TRLOG 360, POM 320
COURSE RESTRICTED TO BUSINESS COLLEGE SENIORS.
NOT OPEN TO P BUS.

AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

5286005 A MWF 11:00-11:50

PERS&HUM RESOUR MGT MGMT 471 3 CR.

PREREQ: JUNIOR STANDING
SECT A1,B1,C1 RESTRICTED TO MGMT MAJORS. SECT
A2,B2,C2 RESTRICTED TO I TEC MAJORS.

PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

5293005 A1 TR 11:00-12:20
5293010 A2 TR 11:00-12:20
5293015 B1 TR 12:40-2:00
5293020 B2 TR 12:40-2:00
5293025 C1 MWF 1:10-2:00
5293030 C2 MWF 1:10-2:00

MANAGE OF DIVERSITY MGMT 472 3 CR.

PREREQ: JUNIOR CLASSIFICATION
COURSE NOT OPEN TO GRADUATE STUDENTS
COURSE RESTRICTED TO MGMT MAJORS ONLY.

MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

4444005 A TR 12:40-2:00

STRATEGIC MANAGEMNT MGMT 478 3 CR.

PREREQ: 370, POM 320, FIN 301, MKT 340,
TRLOG 360, ACCT 285, GRADUATING SENIOR
COURSE RESTRICTED TO SENIORS GRADUATING
SPRING 2005 IN THE COLLEGE OF BUSINESS

PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

5294005 A1 TR 8:00-9:20
5294010 B1 TR 9:30-10:50
5294015 C1 TR 11:00-12:20
5294020 D1 TR 12:40-2:00
5294025 E1 TR 2:10-3:30
5294030 F1 T 6:00-9:00PM
5294035 G1 TR 3:40-5:00
5294040 J1 M 6:00-9:00PM
5294045 K1 W 6:00-9:00PM
5294050 L1 M 5:30-8:30PM
5294055 M1 MW 3:40-5:00
5294060 N1 TR 2:10-3:25

INDEPENDENT STUDY MGMT 490 1- 3 CR.

PREREQ: 370, SR CLASSIFICATION, INSTR PERMISSN
DEPARTMENT PERMISSION REQUIRED, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

ETHICS&SOC RESPONSB MGMT 511 1 CR.

PREREQ: GRADUATE CLASSIFICATION
COURSE RESTRICTED TO BUSAD GRADUATE MAJORS

9136005 R3 F 8:30-11:50
SECT R3:JAN 21-FEB 11

STRATEGIC MANAGEMNT MGMT 512 2 CR.

PREREQ: 501, 507, POM 502, MIS 503, MKT 504,
FIN 505, ACCT 508
COURSE RESTRICTED TO BUSAD GRADUATE MAJORS

9137005 R3 F 8:30-11:50
SECT R3:FEB 18-APRIL 15

TEC TRANSFR&FEASIBL MGMT 565 3 CR.

PREREQ: GRADUATE CLASSIFICATION
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

5867005 A R 6:00-9:30PM
SECT A:JAN 20-APRIL 14

SEMNR PERSONNEL MGT MGMT 571 3 CR.

PREREQ: 371 OR 507 OR SOC 420
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

5301005 A W 6:00-9:30PM
SECT A:JAN 19-APRIL 13
5301010 S S 8:30-11:50

STRAT PLAN&ENV ANLY MGMT 581 3 CR.

PREREQ: 501
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

4456005 A TR 3:40-5:00

SPECIAL TOPICS MGMT 590 1- 3 CR.

PREREQ: PERMISSION OF INSTRUCTOR
RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

***** SEE DEPT FOR REFERENCE NUMBERS

MANAGEMENT INFORMATION SYSTEMS**MGMT INFO SYSTEMS MIS 330 3 CR.**

PREREQ: COM S 103
SECTIONS A1,B1,C1,D1 RESTRICTED TO ACCT, BUS S,
BUS U, FIN, I BUS, MGMT, MIS, MKT, P BUS, POM, TRLOG
MAJORS ONLY. SECTIONS A2,B2,D2 FOR COLLEGES OTHER
THAN BUSINESS OR GRADUATE STUDENTS

PERMISSION OF COLLEGE REQUIRED TO ADD DURING
1ST WEEK; GO TO 1200 GERDIN

4394005 A1 MWF 1:10-2:00
4394010 A2 MWF 1:10-2:00
4394015 B1 MWF 2:10-3:00
4394020 B2 MWF 2:10-3:00
4394025 C1 MWF 11:00-11:50
4394035 D1 TR 9:30-10:50
4394040 D2 TR 9:30-10:50

MANAGEMENT INFORMATION SYSTEMS

MANAGEMENT INFORMATION SYSTEMS

FILE STRUCT&PROGRMG MIS 331 3 CR.
 PREREQ: 330, COM S 207
 COURSE RESTRICTED TO MIS MAJORS ONLY
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 9608005 A MWF 10:00-10:50
 9608010 B TR 3:40-5:00
 9608020 D W 6:00-9:00PM

CNT LANG SFTWRE DEV MIS 431X 3 CR.
 PREREQ: 331
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 7689005 A T 6:00-9:00PM

INFO SYST ANALYSIS MIS 432 3 CR.
 PREREQ: 330, COM S 201
 COURSE RESTRICTED TO MIS MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5290005 A MWF 10:00-10:50
 5290010 B MWF 11:00-11:50
 5290015 C MWF 12:10-1:00

DATABASE MGT SYSTMS MIS 433 3 CR.
 PREREQ: 331
 COURSE RESTRICTED TO MIS MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5289005 A TR 9:30-10:50
 5289010 B TR 12:40-2:00
 5289015 C TR 11:00-12:20

ELECTRONIC COMMERCE MIS 434 3 CR.
 PREREQ: 330, MKT 340, TRLOG 360
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 7405005 A1 MW 2:10-3:30
 7405010 A2 MW 2:10-3:30
 7405020 B1 W 6:00-9:00PM
 7405025 B2 W 6:00-9:00PM

BUSINESS TELECOMMUN MIS 435 3 CR.
 PREREQ: 331
 COURSE RESTRICTED TO MIS MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6396005 A M 6:00-9:00PM
 6396010 B MW 2:10-3:30
 6396015 C TR 12:40-2:00

INFO SYSTM DEVELPMT MIS 438 3 CR.
 PREREQ: 432, 433
 COURSE RESTRICTED TO MIS MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5291005 A M 6:00-9:00PM

TOPICS INFO SYS MGT MIS 439 3 CR.
 PREREQ: 331, PERMISSION OF INSTRUCTOR
 COURSE RESTRICTED TO MIS MAJORS ONLY
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6785005 A MW 2:10-3:30

ADV TELECOM&NETWORK MIS 445X 3 CR.
 PREREQ: 435
 COURSE RESTRICTED TO MIS MAJORS ONLY
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 7696005 A TR 3:40-5:00

INDEPENDENT STUDY MIS 490 1- 3 CR.
 PREREQ: 330, SENIOR CLASSIFICATION, PERMISSION
 OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

DATA MGT DECISN MAK MIS 533 3 CR.
 PREREQ: 503
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 2271005 A MW 3:40-5:00

TELECOMMUNICTNS MGT MIS 535 3 CR.
 PREREQ: 503
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8679005 A M 6:00-9:30PM

TOPICS MGT INFO SYS MIS 539 3 CR.
 PREREQ: 503 OR EQUIVALENT
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 7953005 A R 6:00-9:30PM
 SECT A:JAN 20-APRIL 14
 7953010 B S 1:10-4:30
 SECT B:JAN 15-APRIL 9
 7953015 C W 6:00-9:30PM
 SECT C:JAN 19-APRIL 13

SPECIAL TOPICS MIS 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR IN MIS MIS 598X 3 CR.
 PREREQ: 503 OR EQUIVALENT; GRADUATE
 CLASSIFICATION
 8081005 A MW 2:10-3:30

CREATIVE COMPONENT MIS 599 3 CR.
 PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF
 SUPERVISORY COMMITTEE CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MIS 699 3- 6 CR.
 PREREQ: GRADUATE CLASSIFICATION, PERMISSION OF
 MAJOR PROFESSOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MARKETING

MARKETING

PRIN OF MARKETING MKT 340 3 CR.
 PREREQ: ECON 101
 SEC A1,B1,C1 RESTRICTED TO ACCT, BUS S, BUS U,
 FIN, I BUS, MGMT, MIS, MKT, POM, TRLOG MAJORS ONLY.
 SECTIONS A2,B2,C2 FOR COLLEGES OTHER THAN BUSINESS.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5352005 A1 TR 12:40-2:00
 5352010 A2 TR 12:40-2:00
 5352015 B1 MWF 10:00-10:50
 5352020 B2 MWF 10:00-10:50
 5352025 C1 TR 8:00-9:20
 5352030 C2 TR 8:00-9:20

PROMOTIONAL STRATEG MKT 410 3 CR.
 PREREQ: CR OR ENROLLMENT IN 447
 COURSE RESTRICTED TO MKT MAJORS ONLY.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5355005 A TR 3:30-5:00
 5355010 B MWF 9:00-9:50

SALES MANAGEMENT MKT 442 3 CR.
 PREREQ: 340
 COURSE RESTRICTED TO MKT MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5357005 A TR 9:30-10:50
 5357010 B TR 11:00-12:20

STRATEGC MRKTNG MGT MKT 443 3 CR.
 PREREQ: 444, 447
 COURSE RESTRICTED TO MKT SENIORS GRADUATING S05
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5358005 A TR 9:30-10:50
 5358010 B TR 11:00-12:20
 5358015 C MWF 11:00-11:50

FUND MARKTG RSEARCH MKT 444 3 CR.
 PREREQ: 340, STAT 226
 COURSE RESTRICTED TO MKT MAJORS ONLY.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5359005 A TR 12:40-2:00
 5359010 B TR 9:30-10:50
 5359015 C TR 11:00-12:20

FUND CONSUMER BEHAV MKT 447 3 CR.
 PREREQ: 340
 SECTS A1,B1,C1 RESTRICTED TO MKT MAJORS ONLY.
 SECTS A2,B2,C2 FOR MAJORS OTHER THAN MKT, P BUS.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5362005 A1 MWF 2:10-3:00
 5362010 A2 MWF 2:10-3:00
 5362015 B1 MW 3:30-5:00
 5362020 B2 MW 3:30-5:00
 5362025 C1 TR 9:30-10:50
 5362030 C2 TR 9:30-10:50
 5362035 D1 MWF 12:10-1:00
 5362040 D2 MWF 12:00-12:50

FUND INT'L MARKETNG MKT 448 3 CR.
 PREREQ: 340
 SEC A1,B1 RESTRICTED TO MKT, I BUS MAJORS ONLY.
 SEC A2,B2 RESTRICTED TO ACCT, BUS S, BUS U, FIN,
 MGMT, MIS, POM, TRLOG MAJORS ONLY.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 9609005 A1 MWF 11:00-11:50
 9609010 A2 MWF 11:00-11:50
 9609015 B1 MWF 1:10-2:00
 9609020 B2 MWF 1:10-2:00

INDEPENDENT STUDY MKT 490 1- 3 CR.
 PREREQ: 340, SR CLASSIFICATN; INSTRUCTOR PERMISSN
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

MKTNG EXPRNTIAL LRN MKT 491X 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 8010005 ARRANGED

MARKETING MKT 504 2 CR.
 PREREQ: GRADUATE CLASSIFICATION
 COURSE RESTRICTED TO BUSAD GRADUATE MAJORS
 9123005 R1 W 8:30-11:50
 SECT R1:FEB 16-APRIL 13
 9123010 S1 S 8:30-11:50
 S 1:10-4:30
 SECT S1:FEB 12-APRIL 9
 MEETS AFTERNOONS ONLY FEB 12-MARCH 5.
 MEETS MORNINGS ONLY MARCH 19-APRIL 9.

INTERNATNL BUSINESS MKT 509 2 CR.
 PREREQ: GRADUATE CLASSIFICATION
 COURSE RESTRICTED TO BUSAD GRADUATE MAJORS
 9131005 R M 8:30-11:50
 W 8:30-11:50
 SECT R:JAN 19-APRIL 11
 MEETS WEDNESDAYS JAN 19-FEB 9; MEETS

MONDAYS
 MARCH 21-APRIL 11. NO MEETINGS FEB
 16-MARCH 16.
 9131010 S S 8:30-11:50
 S 1:10-4:30
 SECT S:JAN 15-APRIL 9
 MEETS MORNINGS ONLY JAN 15-FEB 5. MEETS
 AFTERNOONS ONLY MARCH 19-APRIL 9. NO
 MEETINGS
 FEB 12-MARCH 5.

NEW PRODUCT DEV&MKT MKT 542 3 CR.
 PREREQ: 504
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8896005 A T 6:00-9:30PM
 SECT A:JAN 18-APRIL 12
 8896010 S S 8:30-11:50
 SECT S:JAN 15-APRIL 9

MATERIALS ENGINEERING

MARKETING

MARKETING RESEARCH MKT 544 3 CR.
 PREREQ: 504, STAT 328 OR 401
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 5366005 A TR 2:10-3:30

INTEGRATED MKT COMM MKT 545 3 CR.
 PREREQ: 504
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 8040005 A M 6:00-9:30PM
 SECT A:JAN 24-APRIL 11

SPECIAL TOPICS MKT 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATERIALS ENGINEERING

THERMODYNM IN MAT E MAT E 212 3 CR.
 PREREQ: CHEM 178 AND CR OR ENROLLMENT IN MATH 266
 6316005 MWF 10:00-10:50

STRUCTRL CHARAC MAT MAT E 214 3 CR.
 PREREQ: CR OR ENROLLMENT IN PHYS 221
 6333005 A TR 8:00-8:50
 T 9:00-11:50
 6333010 B TR 8:00-8:50
 R 9:00-11:50
 6333015 C TR 8:00-8:50
 T 1:10-4:00
 6333020 D TR 8:00-8:50
 R 1:10-4:00

PRIN MATRLS SCI&ENG MAT E 272 2 CR.
 PREREQ: CHEM 167 OR 177
 SEC A1,B1 RESTRICTED TO A E, M E MAJORS ONLY.
 SEC A2,B2 RESTRICTED TO ENGR COLLEGE MAJORS OTHER
 THAN A E, AER E, I E, M E. SEC A3,B3 RESTRICTED TO
 AER E, I E MAJORS ONLY.
 6394005 A1 TR 2:10-3:00
 6394010 A2 TR 2:10-3:00
 6394015 A3 TR 2:10-3:00
 6394020 B1 MW 11:00-11:50
 6394025 B2 MW 11:00-11:50
 6394030 B3 MW 11:00-11:50

COOPERATIVE EDUC MAT E 298 R CR.
 PREREQ: PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 5023005 ARRANGED

COMPUT MTHDS MATRLS MAT E 316 3 CR.
 PREREQ: 211
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6576005 MF 1:10-2:00
 W 1:10-3:00

MECHANCL BEHAVR MAT MAT E 318 3 CR.
 PREREQ: E M 324
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6585005 A MF 8:00-8:50
 W 8:00-10:50
 6585010 B MF 8:00-8:50
 W 1:10-4:00

CERAM PROCES:FIRING MAT E 322 3 CR.
 PREREQ: 211
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6592005 A TF 3:10-4:00
 R 3:10-6:00PM
 6592010 B TF 3:10-4:00
 M 3:10-6:00PM

SEMICND MTRLS&DEVIC MAT E 332 3 CR.
 PREREQ: 331 OR E E 333 AND CR OR ENROLLMENT IN
 E E 312 OR PHYS 222
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6597005 TR 12:40-2:00

STRUCT RELAT METALS MAT E 342 3 CR.
 PREREQ: 214, 315
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6612005 A MF 2:10-3:00
 R 1:10-3:00
 6612010 B MF 2:10-3:00
 R 3:10-5:00

NONDESTRUCT TESTING MAT E 362 3 CR.
 PREREQ: PHYS 112 OR 222
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5045005 MWF 11:00-11:50

NONDESTRUC TEST LAB MAT E 362L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 362
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5046005 A M 3:10-6:00PM

TOYING WITH TECHNOL MAT E 370 3 CR.
 PREREQ: C I 201, JR STANDING, NOT IN ENGINEERING
 5939005 A TR 1:10-3:00

ENGR INTERNSHIP MAT E 397 R CR.
 PREREQ: PERMISSION OF DEPARTMENT, JUNIOR CLASSIF
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 8700005 ARRANGED

COOPERATIVE EDUC MAT E 398 R CR.
 PREREQ: 298, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 5052005 ARRANGED

MATRLS ENGR DESIGN MAT E 414 2 CR.
 PREREQ: SENIOR CLASSIFICATION
 6650005 T 10:00-10:50
 ARRANGED

CERAMIC INDUSTRIES MAT E 424 3 CR.
 PREREQ: 322
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6652005 MWF 11:00-11:50

MICROELEC FABRICATN MAT E 432 4 CR.
 PREREQ: 332
 MATERIALS AND EQUIPMENT USE FEE \$250.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6677005 MW 3:10-4:00, ARRANGED

MATERIALS SCIENCE & ENGINEERING

MATERIALS ENGINEERING

CORROSN&FAILUR ANLY MAT E 444 3 CR.
 PREREQ: 211, 318
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6680005 MF 9:00-9:50
 T 3:10-5:00

PHY&MC PROPRT POLYM MAT E 453 3 CR.
 PREREQ: 351
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6681005 M 11:00-1:00
 T 12:10-3:00

MULTIDISC ENGR DSGN MAT E 466 3 CR.
 PREREQ: COURSE TO BE TAKEN WITHIN 2 SEMESTERS
 OF GRADUATION, PERMISSION OF INSTRUCTOR
 1740005 T 3:10-4:00
 TR 4:10-6:00PM
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

INDEPENDENT STUDY MAT E 490 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC MAT E 498 R CR.
 PREREQ: 398, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 5066005 ARRANGED

SPECIAL TOPICS M S E 590 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS MATRL SC M S E 690 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP M S E 697 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF DEPARTMENT, GRAD CLASSIFCTN
 4307005 ARRANGED

RESEARCH M S E 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MATHEMATICS

HIGH SCHOOL ALGEBRA MATH 10 0 CR.
 SATISFACTORY-FAIL ONLY.
 DEVELOPMENTAL MATH FEE APPLIES. SEE
[HTTP://WWW.IASTATE.EDU/~REGISTRAR/FEES/FEEINFO.HTML](http://www.iastate.edu/~REGISTRAR/FEES/FEEINFO.HTML)
 FOR MORE INFORMATION ON THIS FEE.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5115005 A MTRF 9:00-9:50
 5115010 B MTRF 11:00-11:50

INTRO PROBAB&MATRIC MATH 104 3 CR.
 PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
 CREDIT FOR EITHER MATH 104 OR MATH 150, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS
 EARNED IN MATH 104 CANNOT BE APPLIED TOWARD
 GRADUATION BY MATH MAJORS.
 5128005 A MWF 11:00-11:50

INTRO TO MATH IDEAS MATH 105 3 CR.
 PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YRS OF HS ALGEBRA, 1 YEAR OF HS GEOMETRY
 CREDITS EARNED IN MATH 105 CANNOT BE APPLIED
 TOWARD GRADUATION BY MATH MAJORS
 5129005 MWF 9:00-9:50

COLLEGE ALGEBRA MATH 140 3 CR.
 PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT
 EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
 CREDIT FOR EITHER MATH 140 OR MATH 149, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. MATH 140
 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.
 5132005 A1 ARRANGED, T 12:10-1:00
 R 12:10-1:00
 COURSE DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/algebra/sp/cur>
 5132010 A2 ARRANGED, T 12:10-1:00
 R 12:10-1:00
 COURSE DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/algebra/sp/cur>
 5132015 B1 ARRANGED, T 4:10-5:00
 R 4:10-5:00
 COURSE DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/algebra/sp/cur>
 5132020 B2 ARRANGED, T 4:10-5:00
 R 4:10-5:00
 COURSE DELIVERY IS WWW
 SECTION INFO:
<http://orion.math.iastate.edu/algebra/sp/cur>

MATERIALS SCIENCE & ENGINEERING

KINETICS OF PROCESS M S E 502 3 CR.
 PREREQ: 501
 5068005 TR 12:40-2:00

BHV&MFG POLYM&CMPOS M S E 521 3 CR.
 PREREQ: M S E 201, E M 301 OR 324
 5075005 A MWF 10:00-10:50

STRUC&PROP OF GLASS M S E 528 3 CR.
 PREREQ: MAT E 423 OR MAT E 212 OR CHEM 321
 5090005 ARRANGED

ELECTRN PROP MATRLS M S E 539 3 CR.
 PREREQ: MAT E 331 OR E E 332 OR PHYS 322
 2931005 MWF 1:10-2:00

FUND NONDESTRU EVAL M S E 550 4 CR.
 PREREQ: MATH 385 AND E M 301 OR E M 324
 8550005 MWF 10:00-10:50
 T 9:00-10:50

PHY&MC PROPRT POLYM M S E 553 3 CR.
 PREREQ: MAT E 351
 3502005 M 11:00-1:00
 T 12:10-3:00

BIOMATERIALS M S E 580 3 CR.
 PREREQ: MAT E 211 OR 272
 5091005 ARRANGED

MATHEMATICS

MATHEMATICS

COLLEGE ALGEBRA MATH 140 3 CR.

5132025 C1 ARRANGED
 T 10:00-10:50
 R 10:00-10:50
 COURSE DELIVERY IS WWW
 SECTION INFO:

<http://orion.math.iastate.edu/algebra/sp/cur>

5132035 D1 ARRANGED
 T 10:00-10:50
 R 10:00-10:50
 COURSE DELIVERY IS WWW

TRIGONOMETRY MATH 141 2 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA; 1 YR OF HS GEOMETRY, OR ENROLLMENT IN MATH 140. MAY BE TAKEN CONCURRENTLY WITH 140.
 CREDIT FOR EITHER MATH 141 OR MATH 142, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. MATH 141 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. THE TWO SCHEDULED HOURS ON ON TUES & THURS ARE FOR EXAMS AND HELP SESSIONS ONLY.

5133005 A1 ARRANGED, R 1:10-2:00
 T 1:10-2:00
 SECT A1:JAN 10-APRIL 1
 COURSE DELIVERY IS WWW
 SECTION INFO:

<http://orion.math.iastate.edu/trig/sp/curren>

TRIG&ANALY GEOMETRY MATH 142 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY, OR ENROLLMENT IN MATH 140. MAY BE TAKEN CONCURRENTLY WITH 140.
 CREDIT FOR EITHER MATH 141 OR MATH 142, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. MATH 142 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS. THE TWO SCHEDULED HOURS ON ON TUES & THURS ARE FOR EXAMS AND HELP SESSIONS ONLY.

5134005 A1 ARRANGED, R 2:10-3:00
 T 2:10-3:00
 COURSE DELIVERY IS WWW

[SECTION INFO:http://orion.math.iastate.edu/trig/sp/curren](http://orion.math.iastate.edu/trig/sp/curren)

5134010 A2 ARRANGED, T 2:10-3:00
 R 2:10-3:00
 COURSE DELIVERY IS WWW

[SECTION INFO:http://orion.math.iastate.edu/trig/sp/curren](http://orion.math.iastate.edu/trig/sp/curren)

5134015 B1 ARRANGED, R 3:10-4:00
 T 3:10-4:00
 COURSE DELIVERY IS WWW

[SECTION INFO:http://orion.math.iastate.edu/trig/sp/curren](http://orion.math.iastate.edu/trig/sp/curren)

5134020 B2 ARRANGED, T 3:10-4:00
 R 3:10-4:00
 COURSE DELIVERY IS WWW

[SECTION INFO:http://orion.math.iastate.edu/trig/sp/curren](http://orion.math.iastate.edu/trig/sp/curren)

5134025 C1 ARRANGED
 T 11:00-11:50
 R 11:00-11:50
 COURSE DELIVERY IS WWW
 SECTION INFO:

<http://orion.math.iastate.edu/trig/sp/curren>

5134030 C2 ARRANGED
 T 11:00-11:50
 R 11:00-11:50
 COURSE DELIVERY IS WWW
 SECTION INFO:

DISC MATH BUS&SOC S MATH 150 3 CR.

PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY CREDIT FOR EITHER MATH 104 OR MATH 150, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 150 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5135005 A1 ARRANGED, W 9:00-9:50
 SEC A1 IS A WORLD WIDE WEB LECTURE. THE SCHEDULED HOUR IS FOR LAB SESSIONS ONLY.
 COURSE DELIVERY IS WWW
 SECTION INFO:

<http://orion.math.iastate.edu/mathbus/sp/cur>

5135010 B1 ARRANGED, F 9:00-9:50
 SEC B1 IS WORLD WIDE WEB COURSE. SEE SEC A1 NOTE.
 COURSE DELIVERY IS WWW
 SECTION INFO:

<http://orion.math.iastate.edu/mathbus/sp/cur>

5135015 C1 ARRANGED
 W 10:00-10:50
 SEC C1 IS WORLD WIDE WEB COURSE. SEE SEC A1 NOTE.
 COURSE DELIVERY IS WWW
 SECTION INFO:<http://orion.math.iastate.edu/mathbus/sp/cur>

5135020 D1 ARRANGED
 F 10:00-10:50
 SEC D1 IS WORLD WIDE WEB COURSE. SEE SEC A1 NOTE.
 COURSE DELIVERY IS WWW
 SECTION INFO:<http://orion.math.iastate.edu/mathbus/sp/cur>

5135025 E1 ARRANGED
 W 11:00-11:50
 SEC E1 IS WORLD WIDE WEB COURSE. SEE SEC A1 NOTE.
 COURSE DELIVERY IS WWW
 SECTION INFO:<http://orion.math.iastate.edu/mathbus/sp/cur>

5135030 F1 ARRANGED
 F 11:00-11:50
 SEC F1 IS WORLD WIDE WEB COURSE. SEE SEC A1 NOTE.
 COURSE DELIVERY IS WWW
 SECTION INFO:<http://orion.math.iastate.edu/mathbus/sp/cur>

5135035 G1 ARRANGED, W 12:10-1:00
 SEC G1 IS WORLD WIDE WEB COURSE. SEE SEC A1 NOTE.
 COURSE DELIVERY IS WWW
 SECTION INFO:<http://orion.math.iastate.edu/mathbus/sp/cur>

5135040 H1 ARRANGED, F 12:10-1:00
 SEC H1 IS WORLD WIDE WEB COURSE. SEE SEC A1 NOTE.
 COURSE DELIVERY IS WWW
 SECTION INFO:<http://orion.math.iastate.edu/mathbus/sp/cur>

5135045 J1 ARRANGED, W 1:10-2:00
 SEC J1 IS WORLD WIDE WEB COURSE. SEE SEC A1 NOTE.
 COURSE DELIVERY IS WWW
 SECTION INFO:<http://orion.math.iastate.edu/mathbus/sp/cur>

5135105 K1 ARRANGED, F 1:10-2:00
 SEC K1 IS WORLD WIDE WEB COURSE. SEE SEC A1 NOTE.
 COURSE DELIVERY IS WWW
 SECTION INFO:<http://orion.math.iastate.edu/mathbus/sp/cur>

5135110 L1 ARRANGED, W 2:10-3:00
 SEC L1 IS WORLD WIDE WEB COURSE. SEE SEC A1 NOTE.
 COURSE DELIVERY IS WWW
 SECTION INFO:<http://orion.math.iastate.edu/mathbus/sp/cur>

5135115 M1 ARRANGED, W 2:10-3:00
 SEC M1 IS WORLD WIDE WEB COURSE. SEE SEC A1 NOTE.
 COURSE DELIVERY IS WWW
 SECTION INFO:<http://orion.math.iastate.edu/mathbus/sp/cur>

5135120 N1 ARRANGED, W 3:10-4:00
 SEC N1 IS WORLD WIDE WEB COURSE. SEE SEC A1 NOTE.
 COURSE DELIVERY IS WWW
 SECTION INFO:<http://orion.math.iastate.edu/mathbus/sp/cur>

5135125 P1 ARRANGED, F 3:10-4:00
 SEC P1 IS WORLD WIDE WEB COURSE. SEE SEC A1 NOTE.
 COURSE DELIVERY IS WWW

MATHEMATICS

MATHEMATICS

DISC MATH BUS&SOC S MATH 150 3 CR.

SECTION INFO:

<http://orion.math.iastate.edu/mathbus/sp/cur>
5135130 Q1 ARRANGED, W 4:10-5:00

SEC Q1 IS WORLD WIDE WEB COURSE. SEE SEC

A1 NOTE.

COURSE DELIVERY IS WWW

SECTION INFO:

<http://orion.math.iastate.edu/mathbus/sp/cur>
5135135 R1 ARRANGED, F 4:10-5:00

SEC R1 IS WORLD WIDE WEB COURSE. SEE SEC

A1 NOTE.

COURSE DELIVERY IS WWW

SECTION INFO:

<http://orion.math.iastate.edu/mathbus/sp/cur>
5135140 T1 ARRANGED

W 5:10-6:00PM
SEC T1 IS WORLD WIDE WEB COURSE. SEE SEC

A1 NOTE.

COURSE DELIVERY IS WWW

SECTION INFO:

<http://orion.math.iastate.edu/mathbus/sp/cur>

BUS & SOC SCI CALC MATH 151 3 CR.

PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE COUNTED TOWARD GRADUATION: MATH 151, 160, 165-166, 175-176, 181-182. CREDIT EARNED IN MATH 151 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

- 5136005 A1 MF 8:00-8:50
T 8:00-8:50
- 5136010 A2 MF 8:00-8:50
T 8:00-8:50
- 5136015 B1 MF 8:00-8:50
W 8:00-8:50
- 5136020 B2 MF 8:00-8:50
W 8:00-8:50
- 5136025 C1 MF 8:00-8:50
R 8:00-8:50
- 5136030 C2 MF 8:00-8:50
R 8:00-8:50
- 5136050 D1 MF 12:10-1:00
T 12:10-1:00
- 5136055 D2 MF 12:10-1:00
T 12:10-1:00
- 5136060 E1 MF 12:10-1:00
W 12:10-1:00
- 5136065 E2 MF 12:10-1:00
W 12:10-1:00
- 5136070 F1 MF 12:10-1:00
R 12:10-1:00
- 5136075 F2 MF 12:10-1:00
R 12:10-1:00
- 5136080 G1 MF 2:10-3:00
T 2:10-3:00
- 5136085 G2 MF 2:10-3:00
T 2:10-3:00
- 5136090 H1 MF 2:10-3:00
W 2:10-3:00
- 5136095 H2 MF 2:10-3:00
W 2:10-3:00
- 5136100 J1 MF 2:10-3:00
R 2:10-3:00
- 5136105 J2 MF 2:10-3:00
R 2:10-3:00
- 5136110 K1 MW 7:00-8:15PM

SURVEY OF CALCULUS MATH 160 4 CR.

PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HIGH SCHOOL ALGEBRA, 1 YR OF GEOMETRY
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE COUNTED TOWARD GRADUATION: MATH 151, 160, 165-166, 175-176, 181-182. CREDIT EARNED IN MATH 160 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

- 5137005 A1 MTRF 10:00-10:50
- 5137010 B1 MTRF 12:10-1:00

CALCULUS I MATH 165 4 CR.

NIGHT EXAMINATIONS SCHEDULED.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF GEOMETRY, 1 SEMESTER OF TRIG OR ENROLLMENT IN 141 OR 142
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE COUNTED TOWARD GRADUATION: MATH 151, 160, 165-166, 175-176, 181-182

- 5138005 A1 MTRF 9:00-9:50
- 5138010 A2 MTRF 9:00-9:50
- 5138015 B1 MWF 10:00-10:50
T 9:00-9:50
- 5138020 C1 MWF 10:00-10:50
T 10:00-10:50
- 5138025 C2 MWF 10:00-10:50
T 10:00-10:50
- 5138030 D1 MWF 10:00-10:50
R 9:00-9:50
- 5138035 E1 MWF 10:00-10:50
R 10:00-10:50
- 5138040 E2 MWF 10:00-10:50
R 10:00-10:50
- 5138045 F1 MWF 11:00-11:50
T 10:00-10:50
- 5138050 G1 MWF 11:00-11:50
T 11:00-11:50
- 5138055 G2 MWF 11:00-11:50
T 11:00-11:50
- 5138060 H1 MWF 11:00-11:50
R 10:00-10:50
- 5138065 J1 MWF 11:00-11:50
R 11:00-11:50
- 5138070 J2 MWF 11:00-11:50
R 11:00-11:50
- 5138075 K1 MTRF 2:10-3:00
- 5138080 K2 MTRF 2:10-3:00

CALCULUS II MATH 166 4 CR.

NIGHT EXAMINATIONS SCHEDULED.
PREREQ: GRADE OF C- OR BETTER IN 165, 165H, OR 175 OR HIGH MATH PLACEMENT SCORES
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF COURSES MAY BE COUNTED TOWARD GRADUATION: MATH 151, 160, 165-166, 175-176, 181-182

- 5139005 A1 MTRF 8:00-8:50
- 5139010 A2 MTRF 8:00-8:50
- 5139015 B1 MWF 9:00-9:50
T 8:00-8:50
- 5139020 C1 MWF 9:00-9:50
T 9:00-9:50
- 5139025 C2 MWF 9:00-9:50
T 9:00-9:50
- 5139030 D1 MWF 9:00-9:50
R 8:00-8:50

MATHEMATICS**MATHEMATICS****CALCULUS II MATH 166 4 CR.**

5139035 E1 MWF 9:00-9:50
R 9:00-9:50
5139040 E2 MWF 9:00-9:50
R 9:00-9:50
5139045 F1 MTRF 10:00-10:50
5139050 F2 MTRF 10:00-10:50
5139055 G1 MTRF 11:00-11:50
5139060 G2 MTRF 11:00-11:50
5139065 H1 MTRF 12:10-1:00
5139070 H2 MTRF 12:10-1:00
5139080 L1 MTRF 1:10-2:00
5139085 L2 MTRF 1:10-2:00
5139090 M1 MWF 2:10-3:00
T 2:10-3:00
5139095 M2 MWF 2:10-3:00
T 2:10-3:00
5139100 N1 MWF 2:10-3:00
T 3:10-4:00
5139105 P1 MWF 2:10-3:00
R 2:10-3:00
5139110 P2 MWF 2:10-3:00
R 2:10-3:00
5139115 Q1 MWF 2:10-3:00
R 3:10-4:00
5139120 R1 MTRF 3:10-4:00
5139125 R2 MTRF 3:10-4:00
5139130 T1 MTWR 5:10-6:00PM
5139135 U1 MWF 7:30-8:50

LIFE SCI CALC&DFQ I MATH 181 4 CR.

PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT
EXAM, 2 YRS OF H.S. ALGEBRA, 1 YR H.S. GEOMETRY,
1 SEMESTER OF TRIG OR ENROLLMENT IN 141 OR 142
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
160, 165-166, 175-176, 181-182. CREDITS EARNED IN
MATH 181 CANNOT BE APPLIED TOWARD GRADUATION BY
MATH MAJORS.
4531005 MTRF 1:10-2:00

LFE SCI CALC&DFQ II MATH 182 4 CR.

PREREQ: 181
ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
160, 165-166, 175-176, 181-182. CREDITS EARNED IN
MATH 182 CANNOT BE APPLIED TOWARD GRADUATION BY
MATH MAJORS.
1338005 MTRF 9:00-9:50

MATH FOR ELEM ED I MATH 195 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
PREREQ: SATISFACTORY PERFORMANCE ON PLACEMENT
EXAM, 2 YRS OF HS ALGEBRA, 1 YR OF HS GEOMETRY,
ENROLLMENT IN ELEMENTARY EDUCATION
COURSE RESTRICTED TO EL ED, ECE E & ECE F MAJORS.
CREDITS EARNED IN MATH 195 CANNOT BE APPLIED TOWARD
GRADUATION BY MATH MAJORS.
5144005 A MWF 9:30-10:50
5144010 B MWF 11:00-12:20
5144015 C MWF 2:10-3:30

MATH FOR ELEM ED II MATH 196 3 CR.

NIGHT EXAMINATIONS SCHEDULED.
PREREQ: C- OR BETTER IN 195
CREDITS EARNED IN MATH 196 CANNOT BE APPLIED
TOWARD GRADUATION BY MATH MAJORS
8125005 A MWF 9:30-10:50
8125010 B MWF 11:00-12:20
8125015 C MWF 12:45-2:00

INTRO TO PROOFS MATH 201 2 CR.

PREREQ: 166 OR 166H
CREDIT FOR EITHER MATH 201 OR THE SEQUENCE
MATH 175-176, BUT NOT BOTH, MAY BE APPLIED TOWARD
GRADUATION
6998005 TR 10:00-10:50

CALCULUS III MATH 265 4 CR.

PREREQ: GRADE OF C- OR BETTER IN 166, 166H, OR
176
5151005 A1 MTRF 9:00-9:50
5151010 A2 MTRF 9:00-9:50
5151015 B1 MWF 10:00-10:50
T 10:00-10:50
5151020 B2 MWF 10:00-10:50
T 10:00-10:50
5151025 C1 MWF 10:00-10:50
T 9:00-9:50
5151030 D1 MWF 10:00-10:50
R 10:00-10:50
5151035 D2 MWF 10:00-10:50
R 10:00-10:50
5151040 E1 MWF 10:00-10:50
R 9:00-9:50
5151045 F1 MWF 1:10-2:00
T 12:10-1:00
5151050 G1 MWF 1:10-2:00
T 1:10-2:00
5151055 G2 MWF 1:10-2:00
T 1:10-2:00
5151060 H1 MWF 1:10-2:00
R 12:10-1:00
5151070 J1 MWF 1:10-2:00
R 1:10-2:00
5151075 J2 MWF 1:10-2:00
R 1:10-2:00
5151080 K1 MTRF 2:10-3:00
5151085 K2 MTRF 2:10-3:00

HONORS CALCULUS III MATH 265H 4 CR.

PREREQ: PERMISSION OF THE INSTRUCTOR; AND 166,
166H, OR 176
HIGH MATH PLACEMENT SCORES RECOMMENDED BUT NOT
REQUIRED. PREFERENCE WILL BE GIVEN TO STUDENTS IN
THE
UNIVERSITY HONORS PROGRAM.
2073005 MTRF 8:00-8:50

ELEM DIFF EQUATNS MATH 266 3 CR.

PREREQ: GRADE OF C- OR BETTER IN 166, 166H, OR
176
CREDIT FOR EITHER MATH 267 OR THE MATH 266,268
PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD
GRADUATION
5152005 A MWF 10:00-10:50
5152010 B MWF 11:00-11:50
5152015 C MWF 2:10-3:00
5152020 D TR 11:00-12:20

MATHEMATICS

MATHEMATICS

ELEM DIFF EQUATNS MATH 266 3 CR.
 5152025 E TR 12:40-2:00
 5152030 F TR 2:10-3:30

DIFF EQ & TRANSFMS MATH 267 4 CR.
 PREREQ: GRADE OF C- OR BETTER IN 166, 166H, OR 176
 CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5153005 A1 MTRF 9:00-9:50
 5153010 A2 MTRF 9:00-9:50
 5153011 A3 MTRF 9:00-9:50
 5153015 B1 MTRF 10:00-10:50
 5153020 B2 MTRF 10:00-10:50
 5153025 B3 MTRF 10:00-10:50
 5153030 C1 MTRF 12:10-1:00
 5153031 C2 MTRF 12:10-1:00
 5153035 D1 MTRF 1:10-2:00
 5153040 D2 MTRF 1:10-2:00
 5153045 D3 MTRF 1:10-2:00
 5153050 E1 MTRF 2:10-3:00
 5153055 E2 MTRF 2:10-3:00
 5153060 E3 MTRF 2:10-3:00

LAPLACE TRANSFORMS MATH 268 1 CR.
 PREREQ: 266
 CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5154005 TR 9:00-9:50
 JAN 10-MARCH 4

SPECIAL PROBLEMS MATH 290 1- 3 CR.
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 5156005 ARRANGED

SPECIAL PROB HONORS MATH 290H 1- 3 CR.
 PREREQ: MEMBERSHIP IN UNIV HONORS PROGRAM
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 5157005 ARRANGED

INTMED TOPIC ELEM M MATH 297 3 CR.
 PREREQ: C- OR BETTER IN 196
 CREDITS EARNED IN MATH 297 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS
 4437005 MWF 10:00-11:15

INTR ABSTRACT ALG I MATH 301 3 CR.
 PREREQ: 166 OR 166H OR 176
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5158005 A MWF 10:00-10:50
 5158010 B MWF 12:10-1:00

INTR ABSTRCT ALG II MATH 302 3 CR.
 PREREQ: 301
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5159005 A1 MWF 12:10-1:00
 5159010 A2 MWF 12:10-1:00

THEORY OF MATRICES MATH 307 3 CR.
 PREREQ: 2 SEMESTERS OF CALCULUS
 CREDIT FOR EITHER MATH 307 OR MATH 317, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5161005 A1 MWF 10:00-10:50
 5161006 A2 MWF 10:00-10:50
 5161010 B1 MWF 1:10-2:00
 5161015 C1 TR 2:10-3:30
 5161016 C2 TR 2:10-3:30
 5161020 D1 MWF 3:10-4:00
 5161025 E1 TR 11:00-12:20

GRAPHS AND NETWORKS MATH 314 3 CR.
 PREREQ: 166, 166H OR 176
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5163005 TR 2:10-3:20

THRY LINEAR ALGEBRA MATH 317 4 CR.
 PREREQ: 166
 CREDIT FOR EITHER MATH 307 OR MATH 317, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7872005 A MTRF 9:00-9:50
 7872010 B MTRF 10:00-10:50

TOPOLOGY MATH 331 3 CR.
 PREREQ: 307 OR 317
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5164005 TR 9:30-10:50

INTR THY PROBAB&S I MATH 341 3 CR.
 PREREQ: 265 (OR 265H)
 CREDIT FOR EITHER MATH/STAT 341 OR STAT 447, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 5166005 MWF 2:10-3:00

INTR THY PR&STAT II MATH 342 3 CR.
 PREREQ: STAT 341, AND MATH 307 OR 317
 5167005 MWF 10:00-10:50

NUMBER THEORY MATH 350 3 CR.
 PREREQ: 307 OR 317
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5177005 MWF 10:00-10:50

COMPLEX VARIABLES MATH 365 3 CR.
 PREREQ: 265
 ONLY TWO OF MATH 365, 385, 395 MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5168005 TR 11:00-12:20

INTR PART DIFF EQUA MATH 385 3 CR.
 PREREQ: 265 AND ONE OF 266, 267
 ONLY TWO OF MATH 365, 385, 395 MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5170005 TR 8:00-9:20

MATHEMATICS

MATHEMATICS

INTERMED ENGR MATH MATH 395 4 CR.
 PREREQ: 265 AND 267
 ONLY TWO OF MATH 365,385,395 MAY BE APPLIED
 TOWARD GRADUATION. CREDIT FOR EITHER MATH 395 OR
 MATH 426, BUT NOT BOTH, MAY BE APPLIED TOWARD
 GRADUATION.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7257005 A MTRF 1:10-2:00

ADVANCED CALCULUS MATH 414 3 CR.
 PREREQ: 201 OR 176; 265; 307 OR 317
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5171005 MWF 11:00-11:50

ADVANCED CALCULUS MATH 415 3 CR.
 PREREQ: 414
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5172005 MWF 11:00-11:50

LOGIC MATH&CPTR SCI MATH 421 3 CR.
 PREREQ: 301 OR 307 OR 317 OR COM S 330
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5173005 MWF 2:10-3:00

GEOMETRY II MATH 436 3 CR.
 PREREQ: 435
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5176005 MWF 9:00-9:50

COMP LINEAR ALG&FIX MATH 471 3 CR.
 PREREQ: 265 AND EITHER 266 OR 267; KNOWLEDGE OF
 FORTRAN OR C
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5179005 TR 9:30-10:50

NUMRC SOL DIFF EQUA MATH 481 3 CR.
 PREREQ: 265 AND EITHER 266 OR 267; KNOWLEDGE OF
 FORTRAN OR C
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5180005 TR 2:10-3:30

HISTORY OF MATH MATH 489 3 CR.
 PREREQ: 6 CR IN MATH AT THE 300 LEVEL OR ABOVE
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5181005 TR 2:10-3:30

INDEPENDENT STUDY MATH 490 1- 3 CR.
 PREREQ: 301 OR 317; 6 CREDITS IN MATH
 NO MORE THAN 9 CREDITS OF MATH 490 MAY BE COUNTED
 TOWARD GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5182005 ARRANGED

INDEP STUDY HONORS MATH 490H 1- 3 CR.
 PREREQ: 301 OR 317; 6 CREDITS IN MATH, MEMBERSHIP
 IN UNIV HONORS PROGRAM
 NO MORE THAN 9 CREDITS OF MATH 490 MAY BE
 APPLIED TOWARD GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5183005 ARRANGED

UNDERGRAD THESIS MATH 491 2- 3 CR.
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5184005 ARRANGED

UNDERGRAD SEMINAR MATH 492 2 CR.
 PREREQ: CONSENT OF INSTRUCTOR
 6698005 ARRANGED

COOPERATIVE EDUCATN MATH 498 R CR.
 PREREQ: PERMISSION OF THE DEPARTMENT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4552005 ARRANGED

NUMERICAL ANALYS II MATH 503 3 CR.
 PREREQ: 414
 5337005 MWF 10:00-10:50

ABSTRACT ALGEBRA II MATH 505 3 CR.
 PREREQ: 504
 5187005 MWF 1:10-2:00

LINEAR ALGEBRA MATH 510 3 CR.
 PREREQ: 302 OR 307 OR 317
 5191005 TR 9:30-10:50

FNCT SNGL CMLPX VAR MATH 511 3 CR.
 PREREQ: 465 OR 414
 5192005 MWF 9:00-9:50

REAL ANALYSIS II MATH 516 3 CR.
 PREREQ: 515
 8868005 MWF 11:00-11:50

FINITE ELEMENT METH MATH 518 3 CR.
 PREREQ: 414
 5378005 TR 12:40-2:00

MTH APPLIED MATH II MATH 520 3 CR.
 PREREQ: 519
 2297005 MWF 2:10-3:00

NUM ANALY HI-P COMP MATH 525 3 CR.
 PREREQ: CPR E 308 OR MATH 471 OR 481; EXPERIENCE
 IN SCIENTIFIC PROGRAMMING; KNOWLEDGE OF FORTRAN OR C
 1367005 TR 11:00-12:20

COMPLEX PHYSICL SYS MATH 527 3 CR.
 PREREQ: 365 OR 426; 385
 1822005 MWF 11:00-11:50

CRYPTOGRAPHY MATH 533 3 CR.
 PREREQ: MATH 301 OR CPR E 310 OR COM S 330
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 6191005 MWF 1:10-2:00

INTR DIGTL DTA HDNG MATH 535X 3 CR.
 PREREQ: CPR E 531 OR E E 524 OR MATH 533 (CPR E
 533, INFAS 533)
 8506005 TR 2:10-3:30

MATHEMATICS

ALGEBRAIC TOPOLOGY MATH 537 3 CR.
 PREREQ: 331 OR 534; 301
 5210005 MWF 10:00-10:50

ENUM COM&ORDRD SETS MATH 552 3 CR.
 PREREQ: 301 OR 304 OR 307 OR 317
 8888005 MWF 12:10-1:00

INTRO STOCHAST PROC MATH 554 3 CR.
 PREREQ: STAT 542
 5214005 TR 11:00-12:20

DIFF EQUATIONS II MATH 558 3 CR.
 PREREQ: 557
 5217005 MWF 2:10-3:00

DYNAMICAL SYSTEMS MATH 561 3 CR.
 PREREQ: 414
 3003005 MWF 1:10-2:00

BOOLEAN ALGEBRAS MATH 567 3 CR.
 PREREQ: 302 OR 421
 5220005 MWF 2:10-3:00

MATH LOGIC II MATH 572 3 CR.
 PREREQ: 571
 5223005 TR 12:40-2:00

RANDOM SIGNAL&KALMN MATH 573 3 CR.
 PREREQ: E E 321 OR AER E 331 OR M E 370 OR 411
 OR MATH 341 OR 395
 8192005 MWF 10:00-10:50

OPTIMAL CONTROL MATH 574 3 CR.
 PREREQ: 577
 8193005 MWF 1:10-2:00

MOD CONTRL SYSTM II MATH 578 3 CR.
 PREREQ: 577
 8195005 TR 9:30-10:50

SPECIAL TOPICS MATH 590 VAR. CR.
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5229005 ARRANGED

COMPUTNL MOLEC BIOL MATH 594 3 CR.
 PREREQ: BIOL 301 AND 302 OR MATH 304 AND 307
 (MATH 317 MAY BE USED IN PLACE OF 307) OR COM S 311
 AND 330 OR EQUIVALENT COURSES
 5267005 TR 9:30-10:50

CREATIVE COMPONENT MATH 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR MATH 610 VAR. CR.
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5231005 ARRANGED

MATHEMATICS

ADV TOPICS ALGEBRA MATH 690A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5232005 ARRANGED

ADV TOP FUNCT ANALY MATH 690B VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5233005 ARRANGED

ADV TOP MEASUR THRY MATH 690C VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5234005 ARRANGED

ADV TOP APPROX THRY MATH 690D VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5235005 ARRANGED

ADV TOPC LINEAR ALG MATH 690E VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5236005 ARRANGED

ADV TOP CALC VARIAT MATH 690F VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5237005 ARRANGED

ADV TP HARMONC ANLY MATH 690H VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5238005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5238010 EW MWF 1:10-2:00
 SECT EW OFFERED FOR 3 CREDITS S05

ADV TOP COMBINATORC MATH 690I VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 6699005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6699010 RM TR 12:10-1:25
 SECT RM OFFERED FOR 3 CREDITS S05

ADV TOPIC MATH EDUC MATH 690K VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6700005 ARRANGED

ADV TOPIC LOGIC&FND MATH 690L VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5239005 ARRANGED

MATHEMATICS

ADV TOP COMPLX ANLY MATH 690M VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5240005 ARRANGED

ADV TOPIC NUM ANALY MATH 690N VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5241005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV TOP ORDI DIF EQ MATH 690O VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5242005 ARRANGED

ADV TOP PART DIF EQ MATH 690P VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5243005 ARRANGED

ADV TP GROUP THEORY MATH 690Q VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6705005 ARRANGED
 6705010 EJ MWF 9:00-9:50

ADV TOP MATH PHYSCS MATH 690R VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6706005 ARRANGED

ADV TOPC SET THEORY MATH 690S VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5244005 ARRANGED

ADV TOPICS TOPOLOGY MATH 690T VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5245005 ARRANGED

ADV TP AUTOMATA THY MATH 690U VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5246005 ARRANGED

ADV TOP OPTIMZN THY MATH 690V VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5247005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

MATHEMATICS

ADV TOP PROBABILITY MATH 690W VAR. CR.
 PREREQ: PERMISSION OR INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9603005 ARRANGED
 9603010 SS MWF 2:10-3:00
 SECT SS OFFERED FOR 3 CREDITS S05

ADV TOP SPL FUNCTNS MATH 690Y VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9604005 ARRANGED

ADV TOP RING THEORY MATH 690Z VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 6707005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6707010 LL TR 9:30-10:50
 SECT LL OFFERED FOR 3 CREDITS S05

RESEARCH MATH 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING

MECH ENGR ORIENTATN M E 102 R CR.
 5807005 A R 2:10-3:00

LEARNING COMMUNITIE M E 190 1 CR.
 7612005 A TR 4:10-5:00
 7612010 B TR 4:10-5:00
 7612015 C TR 4:10-5:00
 7612020 D TR 4:10-5:00
 7612025 E TR 4:10-5:00
 7612030 F TR 4:10-5:00
 7612035 G TR 4:10-5:00
 7612040 H TR 4:10-5:00

MECHAN ENGR SEMINAR M E 202 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SOPHOMORE CLASSIFICATION
 4870005 A T 2:10-3:00

ENGR THERMODYNAM I M E 231 3 CR.
 PREREQ: MATH 265, CHEM 167, PHYS 222
 COURSE RESTRICTED TO M E, A E, C E, CON E, AER E
 MAJORS ONLY. CREDIT FOR EITHER M E 330 OR M E 231,
 BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 4877005 A MWF 9:00-9:50
 4877010 B MWF 11:00-11:50
 4877015 C MWF 2:10-3:00
 4877020 D MWF 4:10-5:00

INTR MCH ENG DESIGN M E 270 3 CR.
 PREREQ: ENGR 170, PHYS 222
 COURSE RESTRICTED TO M E MAJORS ONLY.
 MATERIALS FEE \$20.00
 6270005 A T 2:10-3:00
 MWF 8:00-9:50
 6270010 B T 2:10-3:00
 MWF 10:00-11:50
 6270015 C T 3:10-4:00
 MWF 12:10-2:00

MECHANICAL ENGINEERING

INTR MCH ENG DESIGN M E 270 3 CR.
 6270020 D T 3:10-4:00
 MWF 2:10-4:00

INTR HIST OF SCI II M E 281 3 CR.
 4866005 1 MW 10:00-10:50
 F 8:00-8:50
 4866010 2 MW 10:00-10:50
 R 8:00-8:50
 4866015 3 MW 10:00-10:50
 F 10:00-10:50
 4866020 4 MW 10:00-10:50
 F 12:10-1:00

INTR HIST T&ENGR II M E 285 3 CR.
 4868005 1 MW 12:10-1:00
 R 12:10-1:00
 4868010 2 MW 12:10-1:00
 R 11:00-11:50
 4868015 3 MW 12:10-1:00
 F 8:00-8:50
 4868020 4 MW 12:10-1:00
 F 10:00-10:50

COOPERATIVE EDUCATN M E 298 R CR.
 PREREQ: PERMISSION OF DEPT CHAIR
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 4869005 ARRANGED

MANUFACTURING ENGR M E 324 4 CR.
 PREREQ: MAT E 272, E M 324
 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. RESTRICTED TO M E
 AND A E MAJORS ONLY.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6277005 A MWF 10:00-10:50
 6277010 B MWF 12:10-1:00
 6277020 1 T 10:00-11:50
 6277025 2 R 10:00-11:50
 6277030 3 T 1:10-3:00
 6277035 4 R 1:10-3:00
 6277040 5 T 3:10-5:00
 6277045 6 R 3:10-5:00
 6277050 7 T 8:00-9:50
 6277055 8 R 8:00-9:50

MACHINE DESIGN M E 325 3 CR.
 PREREQ: ENGR 170, E M 324, STAT 305
 COURSE RESTRICTED TO M E AND A E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6287005 A MWF 10:00-10:50
 6287010 B MWF 1:10-2:00

THERMODYNAMICS M E 330 3 CR.
 PREREQ: PHYS 222. FOR STUDENTS ELECTING
 ONE COURSE IN ENGINEERING THERMODYNAMICS
 CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT IN
 M E 330 WILL NOT BE APPLIED TOWARD A DEGREE IN M E.
 4876005 A MWF 4:10-5:00
 4876010 B MWF 1:10-2:00

MECHANICAL ENGINEERING

ENGR THERMODYNMS II M E 332 3 CR.
 PREREQ: 231
 COURSE RESTRICTED TO M E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4878005 A MWF 8:00-8:50
 4878010 B MWF 2:10-3:00

FLUID FLOW M E 335 4 CR.
 PREREQ: E M 345, MATH 266 OR 267, CREDIT OR
 ENROLLMENT IN M E 332 AND 370
 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. RESTRICTED TO
 M E MAJORS ONLY.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5703005 A MWF 9:00-9:50
 5703010 B MWF 12:10-1:00
 5703020 1 M 8:00-9:50
 5703025 2 M 10:00-11:50
 5703030 3 M 1:10-3:00
 5703035 4 M 3:10-5:00
 5703040 5 T 8:00-9:50
 5703045 6 T 10:00-11:50
 5703050 7 T 1:10-3:00
 5703055 8 T 3:10-5:00
 5703060 9 W 8:00-9:50
 5703065 10 W 10:00-11:50
 5703070 11 W 1:10-3:00
 5703075 12 W 3:10-5:00
 5703080 13 R 8:00-9:50
 5703085 14 R 10:00-11:50
 5703090 15 R 1:10-3:00
 5703095 16 R 3:10-5:00
 5703100 17 F 8:00-9:50
 5703105 18 F 10:00-11:50

MEASURMTS&INSTRUMTN M E 370 3 CR.
 PREREQ: E E 442, STAT 305
 RESTRICTED TO M E MAJORS ONLY.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4881005 A MW 8:00-8:50
 R 9:00-11:50
 4881010 B MW 8:00-8:50
 R 12:10-3:00
 4881015 C MW 8:00-8:50
 R 3:10-6:00PM
 4881020 D MW 8:00-8:50
 T 12:10-3:00
 4881025 E MW 8:00-8:50
 T 9:00-11:50
 4881030 F MW 8:00-8:50
 T 3:10-6:00PM
 4881035 G MW 8:00-8:50
 W 3:10-6:00PM
 4881040 H MW 8:00-8:50
 F 12:10-3:00
 4881045 J MW 8:00-8:50
 F 9:00-11:50
 4881050 K MW 8:00-8:50
 W 9:00-11:50
 4881055 L MW 8:00-8:50
 W 12:10-3:00
 4881060 M MW 8:00-8:50
 M 3:10-6:00PM

MECHANICAL ENGINEERING

MECHANICAL ENGINEERING

ENGR INTERNSHIP M E 397 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 8701005 A ARRANGED

COOPERATIVE EDUC M E 398 R CR.
 PREREQ: 298, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 4884005 ARRANGED

M E APPL MECHATRONC M E 410 3 CR.
 PREREQ: E E 442, 448, CREDIT OR ENROLLMENT IN 421
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5659005 A TR 10:00-10:50
 M 4:10-6:00PM
 5659010 B TR 10:00-10:50
 W 4:10-6:00PM
 5659015 C TR 10:00-10:50
 F 4:10-6:00PM

MECHANICAL SYST DSN M E 415 3 CR.
 PREREQ: 324, 325
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4888005 A TR 9:30-12:20
 4888010 B TR 12:40-3:30
 4888015 C TR 3:40-6:30PM

ADV MACHINE DSIGN I M E 417 3 CR.
 PREREQ: 325
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7636005 A MW 4:10-5:25

MECH CONSID ROBOTCS M E 418 3 CR.
 PREREQ: 421
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8109005 A MWF 11:00-11:50

MECH SYST & CONTROL M E 421 4 CR.
 PREREQ: E M 345, MATH 267, E E 442, 448
 COURSE RESTRICTED TO M E MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6310005 A TR 8:00-9:15
 T 10:00-11:50
 6310010 B TR 8:00-9:15
 R 10:00-11:50
 6310025 C TR 8:00-9:15
 M 10:00-11:50
 6310030 D TR 8:00-9:15
 W 10:00-11:50
 6310035 E TR 8:00-9:15
 T 2:10-4:00
 6310040 F TR 8:00-9:15
 R 2:10-4:00
 6310045 G TR 8:00-9:15
 M 12:10-2:00
 6310050 H TR 8:00-9:15
 W 12:10-2:00
 6310055 J TR 8:00-9:15
 M 2:10-4:00
 6310060 K TR 8:00-9:15
 W 2:10-4:00
 6310065 L TR 8:00-9:15
 F 10:00-11:50

MECH SYST & CONTROL M E 421 4 CR.
 6310070 M TR 8:00-9:15
 F 2:10-4:00

MECHAN SYS OPTIMIZA M E 425 3 CR.
 PREREQ: 415, ENGR 160
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3549005 A MWF 3:10-4:00

HEAT TRANSFER M E 436 4 CR.
 PREREQ: 335
 2-PART COURSE. REGISTER FOR LETTERED SECTION
 FIRST AND THEN NUMBERED SECTION. RESTRICTED TO M E,
 CON E, A E MAJORS.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5711005 A MWF 9:00-9:50
 5711010 B MWF 12:10-1:00
 5711015 1 M 1:10-3:00
 5711020 2 M 3:10-5:00
 5711025 3 T 1:10-3:00
 5711030 4 T 3:10-5:00
 5711035 5 W 8:00-9:50
 5711040 6 W 10:00-11:50
 5711045 7 R 8:00-9:50
 5711050 8 R 10:00-11:50
 5711055 9 M 10:00-11:50
 5711060 10 T 8:00-9:50
 5711065 11 T 10:00-11:50
 5711070 12 R 1:10-3:00
 5711075 13 R 3:10-5:00
 5711080 14 W 1:10-3:00
 5711085 15 W 3:10-5:00

HEAT&AIR COND DSIGN M E 442 3 CR.
 PREREQ: 441
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4893005 1 MWF 2:10-4:00

COMPRESSED AIR SYST M E 443 3 CR.
 PREREQ: 332
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8258005 A MWF 10:00-10:50

INT COMB ENGN DESGN M E 449 3 CR.
 PREREQ: 324, 325, 445
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4899005 A MWF 10:00-10:50

ENGINEERG ACOUSTICS M E 451 3 CR.
 PREREQ: PHYS 221 AND MATH 266 OR 267
 LECTURE ONLY MEETS TWICE DURING WEEKS WHEN LAB
 IS HELD
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4901005 1 MWF 3:10-4:00
 W 1:10-3:00
 4901010 2 MWF 3:10-4:00
 W 4:10-6:00PM

MULTIDISC ENGR DSGN M E 466 3 CR.
 PREREQ: COURSE TO BE TAKEN WITHIN 2 SEMESTERS OF
 GRADUATION, PERMISSION OF INSTRUCTOR
 1903005 T 3:10-4:00
 TR 4:10-6:00PM
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

MECHANICAL ENGINEERING

MECHANICAL ENGINEERING

MODELING & SIMULATN M E 475 3 CR.
 PREREQ: 421, CREDIT OR ENROLLMENT IN 436
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4903005 A MWF 9:00-9:50

IND STD MEAS & INST M E 490C 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD HEAT TRANSF M E 490D 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD FLUID POWER M E 490E 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY MACHIN&SYS M E 490F 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD MATRLS &MFG M E 490G 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS M E 490H 1- 6 CR.
 PREREQ: SR CLASSIFCATN, MEMBERSHIP IN HONORS PROG
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY THERMODYN M E 490J 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD FLUID MECH M E 490K 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD TURBOMACHIN M E 490L 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STD NUCL ENGR M E 490M 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY CAD/CAM M E 490N 1- 6 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC M E 498 R CR.
 PREREQ: 298, PERMISSION OF DEPARTMENT
 PERMISSION OF ADVISER & CAREER SERVICES REQUIRED,
 COLLEGE WILL REGISTER STUDENT
 4918005 ARRANGED

ADV CONTROL DESIGN M E 511 3 CR.
 PREREQ: 411
 8144005 A TR 3:10-4:30

KINEM ANLY&SYN MECH M E 516 3 CR.
 PREREQ: E M 345
 4923005 A TR 4:30-5:50

CPTR-AIDED ENGR ISS M E 517 3 CR.
 PREREQ: 325
 5685005 A MWF 12:10-1:00

BHV&MFG POLYM&CMPOS M E 521 3 CR.
 PREREQ: 324 OR MAT E 272 AND E M 324
 4926005 A MWF 10:00-10:50

MECH MACHIN&FINISHG M E 527 3 CR.
 PREREQ: 324
 8269005 A TR 3:40-5:00

NANOMANUF&MEMS TECH M E 528 3 CR.
 PREREQ: 324
 1068005 A TR 11:00-12:20

COMPRESBL FLUID FLO M E 532 3 CR.
 PREREQ: 335 OR AER E 541
 6272005 A TR 8:00-9:20

ADV HEAT TRANSFER M E 536 3 CR.
 PREREQ: 436
 4933005 A MW 3:10-4:30

FLU MECH&HEAT TR II M E 547 3 CR.
 PREREQ: 546
 4940005 MWF 2:10-3:00

SIGNAL PROCESS MECH M E 551 3 CR.
 PREREQ: E M 451, MATH 385
 4942005 MWF 2:10-3:00

CMPTN GRPH&GEOM MOD M E 557 3 CR.
 PREREQ: PROGRAMMING EXPERIENCE IN C, MATH 307 OR
 EQUIVALENT
 4889005 TR 12:40-2:00

RANDOM SIGNAL&KALMN M E 573 3 CR.
 PREREQ: E E 324 OR AER E 331 OR M E 370 OR 411
 OR MATH 341 OR 395
 8196005 MWF 10:00-10:50

OPTIMAL CONTROL M E 574 3 CR.
 PREREQ: 577
 8197005 MWF 1:10-2:00

MOD CONTRL SYSTM II M E 578 3 CR.
 PREREQ: 577
 8200005 TR 9:30-10:50

SPL TOP EXP GAS DYN M E 590A 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP FLUID MECH M E 590B 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HEAT TRANSF M E 590C 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC THERMODYN M E 590D 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING

SPL TOP TURBOMACHIN M E 590E 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP VEHIC PROPUL M E 590F 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP ADV MACH DSN M E 590G 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP AUTO CONTRL M E 590I 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENVIR &DSGN M E 590J 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MATLS BEHAV M E 590K 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MFG PROCESS M E 590L 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC TRIBOLOGY M E 590M 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SENSTV METH M E 590N 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR COMPUT M E 590O 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ENGR MEASUR M E 590P 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP LIT INVESTIG M E 590Q 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOP CAD/CAM M E 590S 1- 8 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT M E 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR M E 600 R CR.
 4964005 A R 11:00-11:50

SURFACE MODELING M E 625 3 CR.
 PREREQ: 519, PROGRAMMING EXPERIENCE IN C
 5749005 A TR 8:00-9:20

MULTIPHASE FLOW M E 632 3 CR.
 PREREQ: 538
 4967005 A ARRANGED

CONVECTN HEAT TRANS M E 637 3 CR.
 PREREQ: 436
 4969005 A ARRANGED

ADV TOP EXP GAS DYN M E 690A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING

ADV TOP FLUID MECH M E 690B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP HEAT TRANSF M E 690C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC THERMODYN M E 690D VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP TURBOMACHIN M E 690E VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP VEHI PROPUL M E 690F VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MACH DESIGN M E 690G VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP AUTO CONTRL M E 690I VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MATLS BEHAV M E 690K VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP MFG PROCESS M E 690L VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC TRIBOLOGY M E 690M VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SENSTV METH M E 690N VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR COMPUT M E 690O VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP ENGR MEASUR M E 690P VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV TOP LIT INVESTG M E 690Q VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH M E 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

METEOROLOGY

SYNOPTIC APPLICATNS MTEOR 111 1 CR.
 PREREQ: CREDIT OR ENROLL IN MATH 165. ENROLLMENT
 RESTRICTED TO MAJORS ONLY, OR INSTRUCTOR PERMISSION
 5641005 TR 12:10-1:00
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 SECTION INFO:
<http://meteor.iastate.edu/classes/mt111/>
 SYLLABUS:
<http://meteor.iastate.edu/classes/mt111/>

INTRO METEOROLOGY MTEOR 206 3 CR.
 5375005 MWF 2:10-3:00 CERVATO C

METEOROLOGY**METEOROLOGY**

COOPERATIVE EDUCATN MTEOR 298 R CR.

PREREQ: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
4813005 ARRANGED

GEN METEOROLOGY I MTEOR 301 4 CR.

PREREQ: MATH 166, CREDIT OR ENROLLMT IN PHYS 222
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5376005 1 MWF 9:00-9:50
T 9:00-9:50

USE WEATHER DATA AG MTEOR 306 1 CR.

PREREQ: 206
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5380005 1 M 1:10-2:00

METEOROL INTERNSHIP MTEOR 321 1- 2 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: 311; JR OR SR STANDING; PERMISSION OF
COOP PROGRM COORD; ACCEPTANCE BY SPONSORING AGENCY
5381005 ARRANGED

ENERGY &THE ENVIRON MTEOR 324 3 CR.

MTEOR/GEOL/ENV S 324 DOES NOT COUNT TOWARD
CREDITS REQUIRED IN THE MTEOR MAJOR
FIELD TRIPS & TRAVEL FEE \$0.00-\$50.00
5614005 1 MWF 11:00-11:50

ATMOSPH PHYSICS II MTEOR 342 3 CR.

PREREQ: 341
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5383005 MWF 10:00-10:50

COOPERATIVE EDUCATN MTEOR 398 R CR.

PREREQ: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
4823005 ARRANGED
DEPARTMENT PERMISSION REQUIRED, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

GLOBAL CHANGE MTEOR 404 3 CR.

PREREQ: FOUR COURSES IN PHYSICAL OR BIOLOGICAL
SCIENCES OR ENGINEERING
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
8141005 MWF 11:00-11:50
SECTION INFO:

<http://www.meteor.iastate.edu/gccourse/>

SYLLABUS:

<http://www.meteor.iastate.edu/gccourse/oncampus.>

MESOSCA FORECAS LAB MTEOR 417 3 CR.

PREREQ: CREDIT OR ENROLLMENT IN 411
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5389005 TR 2:10-4:30
MW 4:10-4:30

INSTRUMNT&MEASURMNT MTEOR 432 3 CR.

PREREQ: CR OR ENR IN STAT 105, MATH 266, PHYS 222
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5377005 MWF 2:10-3:00

DYNAMIC METEOROLG I MTEOR 443 3 CR.

PREREQ: 341
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5385005 MWF 1:10-2:00

CIRCLTN/ADV DYNMICS MTEOR 455 3 CR.

PREREQ: 454
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
5388005 MWF 3:10-4:00
SECTION INFO:

<http://www.meteor.iastate.edu/classes/mt455/>

IND STUDY SYNOPTIC MTEOR 490A 1- 3 CR.

PREREQ: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8424005 ARRANGED

IND STUDY DYNAMIC MTEOR 490B 1- 3 CR.

PREREQ: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8425005 ARRANGED

IND STUDY PHYSICAL MTEOR 490C 1- 3 CR.

PREREQ: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
8426005 ARRANGED

IND STD INSTRUMENTN MTEOR 490D 1- 3 CR.

PREREQ: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
1010005 ARRANGED

COOPERATIVE EDUCATN MTEOR 498 R CR.

PREREQ: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; SENIOR CLASSIFICATION
4824005 ARRANGED
DEPARTMENT PERMISSION REQUIRED, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

GLOBAL CHANGE MTEOR 504 3 CR.

PREREQ: 4 COURSES IN PHYSICAL OR BIOL SCI OR ENGR
8142005 MWF 11:00-11:50

BIOMETEOROLOGY MTEOR 505 3 CR.

PREREQ: 206
INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
5393005 TR 11:00-12:30 HORNBuckle B

MESOSCA FORECAS LAB MTEOR 517 3 CR.

PREREQ: CREDIT OR ENROLLMENT IN 411
4577005 TR 2:10-4:30
MW 4:10-4:30

INSTRUMNT&MEASURMNT MTEOR 532 3 CR.

PREREQ: CR OR ENR IN STAT 105, MATH 266, PHYS 222
4576005 MWF 2:10-3:00

ADV DYNAM MTEOR II MTEOR 544 3 CR.

PREREQ: 543
5397005 MWF 12:10-1:00

METEOROLOGY

CIRCLTN/ADV DYNAMIC MTEOR 555 3 CR.
 PREREQ: 454
 4578005 MWF 3:10-4:00

SPL TOP BOUND-LAYER MTEOR 590A 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8427005 ARRANGED

SPL TOPICS TROPICAL MTEOR 590B 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8429005 ARRANGED

SPL TOPCS MESOSCALE MTEOR 590C 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8430005 ARRANGED

SPL TOP GLOBAL SYST MTEOR 590D 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8431005 ARRANGED

SPL TOPC CLIM MODEL MTEOR 590E 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 8432005 ARRANGED

SPL TOP NUMERI PRED MTEOR 590F 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8433005 ARRANGED

SPL TOP SATEL OBSRV MTEOR 590G 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8434005 ARRANGED

SPL TOP STAT METHDS MTEOR 590H 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8435005 ARRANGED

SPL TOP FIELD OBSRV MTEOR 590I 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 8437005 ARRANGED

SPL TOP LOW FREQ MD MTEOR 590J 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 1230005 ARRANGED

SPL TOPC CLOUD PHYS MTEOR 590K 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 3901005 ARRANGED

SPL TOP ATMOS RADIA MTEOR 590L 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 3904005 ARRANGED

RESEARCH MTEOR 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MICROBIOLOGY

INTRO MICROBIOL LAB MICRO 201L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 201 OR 302
 1433005 1 MW 8:00-9:20
 1433010 2 MW 9:30-10:50
 1433015 3 MW 11:00-12:20
 1433020 4 TR 8:00-9:20
 1433025 5 TR 9:30-10:50
 1433030 6 TR 11:00-12:20

BIOL MICROORGANISMS MICRO 302 3 CR.
 PREREQ: BIOL 201, CREDIT OR ENROLLMT IN BIOL 202;
 ONE SEMESTER OF CHEMISTRY
 1426005 A MWF 10:00-10:50

MICROBIOLOGY LAB MICRO 302L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 302
 3024005 1 MW 1:10-2:20
 3024010 2 MW 2:30-3:40

INSECTS &OUR HEALTH MICRO 374 3 CR.
 PREREQ: 3 CREDITS IN BIOLOGICAL SCIENCES
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 2784005 A MWF 2:10-3:00

SAFTY FOOD FROM ANI MICRO 407 3 CR.
 PREREQ: 420
 1881005 A TR 9:30-10:50

FOOD BIOTECHNOLOGY MICRO 425 3 CR.
 PREREQ: 201L, 302; A COURSE IN BIOCHEMISTRY
 5575005 F 2:10-4:00
 M 2:10-5:00

PROCARYO DIVERS&ECO MICRO 430 3 CR.
 PREREQ: 302,302L
 6309005 TR 9:30-10:50

UNDERGRAD SEMINAR MICRO 450 1 CR.
 PREREQ: SP CM 212
 5319005 R 11:00-11:50

IMMUNOLOGY MICRO 475 3 CR.
 PREREQ: 310
 CREDIT FOR EITHER MICRO 475 OR V MPM 520, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 9677005 MWF 8:00-8:50

INDEPENDENT STUDY MICRO 490 1- 5 CR.
 PREREQ: A MINIMUM OF 6 CR HOURS OF 300-LEVEL OR
 ABOVE COURSEWORK IN MICRO, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

HONORS INDEP STUDY MICRO 490H 1- 5 CR.
 PREREQ: A MINIMUM OF 6 CR OF 300-LEVEL OR ABOVE
 COURSEWORK IN MICRO, INSTR PERMISSION, MEMBERSHIP IN
 UNIV HONORS PROGRAM
 A MAXIMUM OF 6 CREDITS OF MICRO 490 MAY BE
 USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

MICROBIOLOGY

GENERAL MICROBIOLGY MICRO 201 2 CR.
 PREREQ: ONE SEMESTER OF COLLEGE-LEVEL BIOLOGY
 5305005 TR 1:10-2:00

MICROBIOLOGY

5346005 W 12:10-1:00
 F 8:00-8:50
 W 1:10-4:00
 F 9:00-9:50
 F 12:30-4:00

MICROBIOLOGY

***** SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP MICRO 495 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: AT LEAST 6 CREDITS OF 300-LEVEL OR ABOVE
 COURSEWORK IN MICRO, APPROVAL OF ACADEMIC ADVISOR
 9679005 ARRANGED

SAFTY FOODFROM ANI MICRO 507 3 CR.
 PREREQ: 420
 2129005 A TR 9:30-10:50

PLANT VIROLOGY MICRO 509 4 CR.
 PREREQ: PL P 407, BOT 404, BBMB 406, CHEM 211
 5327005 TR 8:00-8:50, ARRANGED

PROCARYOT DIVRS&ECO MICRO 530 3 CR.
 PREREQ: 302
 6600005 TR 9:30-10:50

VIROLOGY MICRO 554X 1 CR.
 PREREQ: UNDERGRADUATE COURSES IN GENERAL MICRO
 AND GENETICS
 7118005 MWF 10:00-10:50
 JAN 10-FEB 11

FUNGAL BIOLOGY MICRO 555X 1 CR.
 PREREQ: UNDERGRADUATE COURSES IN GENERAL MICRO
 AND GENETICS
 7138005 MWF 10:00-10:50
 FEB 14-MARCH 25

MICRB ECO&ENV MONIT MICRO 556X 1 CR.
 PREREQ: UNDERGRADUATE COURSES IN GENERAL MICRO
 AND GENETICS
 7159005 MWF 10:00-10:50
 APRIL 4-MAY 6

IMMUNOLOGY MICRO 575 3 CR.
 PREREQ: 310
 5335005 MWF 8:00-8:50

IMMUNOLOGY LAB MICRO 575L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 475 OR 575
 6720005 1 TR 1:10-4:00
 SECT 1:JAN 10-MARCH 4

SEMINAR MICRO 604 1 CR.
 SATISFACTORY-FAIL ONLY.
 6962005 A R 4:10-5:00

MECHNSM BACT PATHOG MICRO 625 4 CR.
 PREREQ: 286 AND 520
 6954005 ARRANGED MINION F

GENERAL MYCOLOGY II MICRO 642 4 CR.
 PREREQ: PL P 407
 5343005 MW 9:00-9:50
 MW 12:10-3:00

TRANSMIS EL MICROSC MICRO 681 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 MATERIALS FEE \$100.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

CURR TOPIC MICROBIO MICRO 690A 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR IN MCDB MICRO 698 1- 2 CR.
 5350005 M 3:10-5:00

RESEARCH MICRO 699 VAR. CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

MILITARY SCIENCE

U S DEFENSE ESTABL M S 102 1 CR.
 NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION
 4995005 1 T 11:00-11:50 MEYER H
 4995010 2 W 10:00-10:50 MEYER H
 4995015 3 R 11:00-11:50 MEYER H
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 4995020 4 ARRANGED MEYER H
 4995025 5 TR 10:00-10:50 MEYER H
 SECT 5:MARCH 7-MAY 6
 4995030 6 ARRANGED MEYER H
 SECT 6:MARCH 7-MAY 6
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

BASIC LEADERSHP LAB M S 102L 1 CR.
 NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION
 2983005 1 W 4:10-5:00 MEYER H
 ARRANGED

MAP READ&LAND NAVIG M S 202 2 CR.
 NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION
 4999005 1 MW 11:00-11:50 EDWARDS J
 4999010 2 TR 9:00-9:50 EDWARDS J
 4999015 3 TR 4:10-5:00 EDWARDS J
 4999020 4 ARRANGED EDWARDS J
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

BASIC LEADERSHP LAB M S 202L 1 CR.
 NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION
 3198005 1 W 4:10-5:00 EDWARDS J
 ARRANGED

INDEPENDENT STUDY M S 290 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 NO MORE THAN 10 CREDITS IN M S 100- AND 200-LEVEL
 COURSES MAY BE APPLIED TOWARD GRADUATION
 8153005 ARRANGED MEYER H
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

MOLECULAR CELLULAR DEV BIOLOGY

MILITARY SCIENCE

SMALL UNIT TACTICS M S 302 3 CR.
 PREREQ: COMPLETION OF BASIC PROGRAM
 5002005 1 TR 12:40-2:00 HISE B
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5002010 2 TR 2:10-3:25 HISE B
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV LEADERSHIP LAB M S 302L 1 CR.
 PREREQ: COMPLETION OF THE BASIC PROGRAM
 5005005 1 W 4:10-5:00 HISE B
 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

FIELD TRAIN EXERCIS M S 310 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: COMPLETION OF BASIC PROGRAM
 5006005 1 ARRANGED HISE B
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SEMINR: PRO OFFICER M S 402 3 CR.
 PREREQ: COMPLETION OF BASIC PROGRAM
 5009005 1 MW 12:10-1:30 BRAUE L
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5009010 2 MW 1:30-3:00 BRAUE L
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV LEADERSHIP LAB M S 402L 1 CR.
 PREREQ: COMPLETION OF THE BASIC PROGRAM
 5010005 1 W 4:10-5:00 BRAUE L
 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

FIELD TRAIN EXERCIS M S 410 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: COMPLETION OF BASIC PROGRAM
 5011005 1 ARRANGED BRAUE L
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

INDEPENDENT STUDY M S 490 1 CR.
 PREREQ: 402, PERMISSION OF THE PROFESSOR OF M S
 9598005 ARRANGED BRAUE L
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

MOLECULAR CELLULAR DEV BIOLOGY

MOLECULAR GENETICS MCDB 511 3 CR.
 5303005 A MWF 9:00-9:50

PLANT GROWTH&DEVELP MCDB 512 2 CR.
 PREREQ: BOT 320 OR A COURSE IN DEVELOPMENTL BIOL;
 B B 404, 405 OR GEN 520
 5251005 MW 10:00-10:50

SPECIAL TOPICS MCDB 590 VAR. CR.
 5260005 ARRANGED

HORMON &GROWTH FACT MCDB 645 2 CR.
 PREREQ: BBMB 420, 405, OR 502
 6830005 TR 11:00-11:50 NILSEN-HAMILTON

GRAD RESRCH ROTATN MCDB 697 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 7278005 ARRANGED

SEMINAR IN MCDB MCDB 698 1- 2 CR.
 COURSE OFFERED FOR 1 CREDIT ONLY S05.
 5275005 M 3:10-5:00

RESEARCH MCDB 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

FUNDAMNTLS OF MUSIC MUSIC 101 2 CR.
 PREREQ: ABILITY TO READ ELEM MUSICAL NOTATION
 7180005 A MWF 9:00-9:50
 7180010 B MWF 3:10-4:00

INTR MUSIC LISTEN I MUSIC 102 3 CR.
 MATERIALS FEE \$10.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5406005 A MWF 9:00-9:50
 5406010 B MWF 10:00-10:50

BASIC MUSICIANSHIP MUSIC 105 3 CR.
 PREREQ: PERFORMING ARTS MAJOR CLASSIFICATION
 2975005 M 2:10-3:00
 TWRF 2:10-3:00

WIND ENSEMBLE MUSIC 111 1 CR.
 PREREQ: OPEN TO ALL STUDENTS BY AUDITION
 5408005 MTWR 12:10-1:00

CONCERT BAND MUSIC 112 1 CR.
 PREREQ: OPEN TO ALL STUDENTS WHO PERFORMED ON A
 WIND OR PERCUSSION INSTRUMENT IN HS BAND OR
 ORCHESTRA
 5409005 TR 4:10-5:30

JAZZ ENSEMBLE MUSIC 113 1 CR.
 PREREQ: OPEN TO ALL STUDENTS BY AUDITION
 STUDENT MUST ENROLL IN ASSIGNED SECTION
 5410005 A TR 2:10-3:40
 5410010 B MWF 4:10-5:00

PEP BAND MUSIC 114B 1 CR.
 PREREQ: STUDENTS SELECTED BY AUDITION FROM
 CURRENT MEMBERS OF 114A
 4603005 T 6:00-7:00PM

SYMPHONIC BAND MUSIC 115 1 CR.
 PREREQ: OPEN TO ALL STUDENTS BY AUDITION
 9610005 MWF 3:10-4:00

MUSIC

MUSIC

APPLIED MUSIC VOICE MUSIC 118A 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 118B 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 118C 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 118D 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 118E 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 118F 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 118G 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 118I 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 118K 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 119A 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 119B 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 119C 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 119D 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 119E 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 119F 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 119G 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 119I 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 119K 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

INTR MUSIC LIT&STYL MUSIC 120 3 CR.
 PREREQ: 221
 5430005 MWF 9:00-9:50

CLASS STUDY PIANO I MUSIC 127 1 CR.
 PREREQ: 101 OR AUDITION, & PERMISSN OF INSTR
 5432005 A MW 12:10-1:00

CLASS STUDY PIANO I MUSIC 128 1 CR.
 PREREQ: 127 OR AUDITION, & PERMISSN OF INSTR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5433005 A MW 10:00-10:50
 5433010 B TR 10:00-10:50

VOCAL JAZZ ENSEMBLE MUSIC 131 1 CR.
 PREREQ: OPEN BY AUDITION AND PERMISSION OF
 INSTRUCTOR; CONCURRENT ENROLLMENT IN 151 OR 161 OR
 171
 5435005 ARRANGED

BASIC VOICE TECHNIQ MUSIC 133 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5436005 TR 11:00-11:50

LYRICA WOMENS CHOIR MUSIC 141 1 CR.
 PREREQ: OPEN TO ALL FEMALE STUDENTS BY AUDITION
 5437005 MWF 2:10-3:00

MUSIC

MUSIC

CANTAMUS WMNS CHOIR MUSIC 151A 1 CR.
 PREREQ: OPEN TO ALL STUDENTS BY AUDITION
 4461005 MWF 11:00-11:50

STATESMEN MNS CHOIR MUSIC 151B 1 CR.
 PREREQ: OPEN TO ALL STUDENTS BY AUDITION
 4471005 MWF 1:10-2:00

IOWA STATE SINGERS MUSIC 161 1 CR.
 PREREQ: OPEN TO ALL STUDENTS BY AUDITION
 5441005 MTWRF 12:10-1:00

SYMPHONY ORCHESTRA MUSIC 181 1 CR.
 PREREQ: OPEN TO ALL STUDENTS BY AUDITION
 5443005 TR 4:10-6:00PM

APPLIED MUSIC VOICE MUSIC 219A 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 219B 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 219C 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 219D 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 219E 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 219F 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 219G 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 219I 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 219K 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

CLASS STDY PIANO II MUSIC 227 1 CR.
 PREREQ: 128 OR AUDITION & PERMISSION OF INSTR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5455005 A TR 9:00-9:50

CLASS STDY PIANO II MUSIC 228 1 CR.
 PREREQ: 227 OR AUDITION & PERMISSION OF INSTR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5456005 A TR 11:00-11:50
 5456010 B MW 11:00-11:50

MATERLS OF MUSIC I MUSIC 231 3 CR.
 PREREQ: 221
 4382005 A MWF 2:10-3:00
 4382010 B MWF 10:00-10:50

AURAL THEORY I MUSIC 232 1 CR.
 PREREQ: 222
 4395005 A TR 2:10-3:00
 T 3:10-4:00
 4395010 B TR 10:00-10:50
 T 9:00-9:50

INTRO MUSIC TECHNOL MUSIC 248 2 CR.
 PREREQ: 101 OR 221 AND 222, INSTRUCTOR PERMISSION
 4158005 A TR 10:00-10:50
 SEC A RESTRICTED TO MU BM, MU BA MAJORS

ONLY
 4158010 B TR 11:00-11:50
 SEC B FOR MAJORS OTHER THAN MU BM, MU BA

MUSIC IN ELEM EDUC MUSIC 265 3 CR.
 PREREQ: HD FS 226 OR PSYCH 230
 7209005 A TR 2:10-3:25
 7209010 B W 5:10-8:00PM

SPCL PROB EDUCATION MUSIC 290A VAR. CR.
 PREREQ: INST PERMSN, 12 CR MUSIC, DEPT HEAD APPRV
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB THEORY MUSIC 290B VAR. CR.
 PREREQ: INST PERMSN, 12 CR MUSIC, DEPT HEAD APPRV
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP PROB COMPOSITION MUSIC 290C VAR. CR.
 PREREQ: INST PERMSN, 12 CR MUSIC, DEPT HEAD APPRV
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL PROB LITERATURE MUSIC 290E VAR. CR.
 PREREQ: INST PERMSN, 12 CR MUSIC, DEPT HEAD APPRV
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

MUSIC

SPL PROB APPL MUSIC MUSIC 290F VAR. CR.
 PREREQ: INST PERMSN, 12 CR MUSIC, DEPT HEAD APPRV
 PROFESSIONAL SUPPORT FEE \$196.00-\$245.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROB HONORS MUSIC 290H VAR. CR.
 PREREQ: DEPT CHAIR APPROVAL, HONORS PROG MEMBER
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

OPERA STUDIO MUSIC 301 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5467005 WF 2:10-3:30

HIST OF ROCK & ROLL MUSIC 304 3 CR.
 PREREQ: 101, 102, 221, OR 222
 MATERIALS FEE \$10.00
 8118005 MWF 1:10-2:00

APPLIED MUSIC VOICE MUSIC 318A 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 318B 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 318C 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 318D 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 318E 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 318F 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 318G 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 318I 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 318K 1- 2 CR.
 PREREQ: AUDITION, PERMISSION OF INSTRUCTOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 319A 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 319B 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC ORGAN MUSIC 319C 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 319D 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 319E 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 319F 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 319G 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 319I 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 319K 1- 3 CR.
 PREREQ: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE VOICE MUSIC 321A 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF DIRECTOR AND DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE PIANO MUSIC 321B 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF DIRECTOR AND DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

MUSIC

ADV ENSEMBLE ORGAN MUSIC 321C 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF DIRECTOR AND DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBL STRINGS MUSIC 321D 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF DIRECTOR AND DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMB WOODWINDS MUSIC 321F 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF DIRECTOR AND DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE BRASS MUSIC 321G 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF DIRECTOR AND DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSM PERCUSSION MUSIC 321I 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF DIRECTOR AND DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV ENSEMBLE MIXED MUSIC 321J 1 CR.
 PREREQ: ADVANCED PROFICIENCY AND PERFORMING
 ABILITY, PERMISSION OF DIRECTOR AND DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

FRN & GER DICT-SING MUSIC 325 2 CR.
 PREREQ: CR OR ENROLLMENT IN 118A OR 119A
 5496005 TR 3:10-4:00

FUNC PIANO FOR VOIC MUSIC 327B 2 CR.
 PREREQ: 228 OR AUDITION AND PERMISSION OF INSTR
 2636005 TR 2:10-3:00, ARRANGED

MUSIC MATERIALS III MUSIC 337 3 CR.
 PREREQ: 331
 4414005 A MWF 8:00-8:50
 4414010 B MWF 9:00-9:50

AURAL THEORY III MUSIC 338 1 CR.
 PREREQ: 332
 4415005 A TR 8:00-8:50
 4415010 B TR 9:00-9:50

WDWIND: FLT, SAX, CLAR MUSIC 351 2 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 358B
 5500005 MWF 2:10-3:00

BRASS:TRMPT,FR HORN MUSIC 353 1 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 358B
 5502005 TR 11:00-11:50

PERCUSSION TECH MUSIC 355 1 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 358B
 5504005 TR 3:10-4:00

LAB ENSEMBLE CHORAL MUSIC 358A R CR.
 7331005 W 4:10-5:45

LAB ENSEMBLE INSTRUM MUSIC 358B R CR.
 SATISFACTORY-FAIL ONLY.
 7330005 F 12:10-1:00

CONDUCTNG II CHORAL MUSIC 362A 2 CR.
 PREREQ: 361; CONCURRENT ENROLLMENT IN 358A
 1236005 TR 4:10-5:00
 W 4:10-5:45

CONDUCTG II INSTRUM MUSIC 362B 2 CR.
 PREREQ: 361. CONCURRENT ENROLLMENT IN 358B.
 1240005 MW 9:00-9:50
 F 9:00-9:50

MCH BND&JZ ENS TECH MUSIC 368 2 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 362B RECOMMENDED
 4598005 TR 9:00-9:50

HISTORY OF MUSIC II MUSIC 384 3 CR.
 PREREQ: 383
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5512005 MWF 10:00-10:50

LIT & PEDAGOGY VOICE MUSIC 417A 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY PIANO MUSIC 417B 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY ORGAN MUSIC 417C 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG STRINGS MUSIC 417D 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG WOODWIND MUSIC 417F 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAGOGY BRASS MUSIC 417G 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

LIT & PEDAG PERCUSSN MUSIC 417I 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC VOICE MUSIC 419A 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC PIANO MUSIC 419B 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

MUSIC

MUSIC

APPLIED MUSIC ORGAN MUSIC 419C 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC STRINGS MUSIC 419D 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC CARILLON MUSIC 419E 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC WOODWIND MUSIC 419F 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED MUSIC BRASS MUSIC 419G 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLD MUSIC PERCUSS MUSIC 419I 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL MUSIC HARPSICD MUSIC 419K 1- 3 CR.
 PREREQ: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
 APPLIED MUSIC FEE \$90.00-\$130.00
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINR MUSIC THEORY MUSIC 440 3 CR.
 PREREQ: 337, 338
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5523005 MWF 8:00-8:50

HISTORY AMERI MUSIC MUSIC 472 3 CR.
 PREREQ: ABILITY TO READ MUSIC; 9 CREDITS FROM
 MUSIC, AMERICAN LIT, AMERICAN HIST, ART HIST
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5529005 MWF 3:10-4:00

INDEP STUDY EDUCATN MUSIC 490A VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 NO MORE THAN 9 CREDITS OF MUSIC 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY THEORY MUSIC 490B VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 NO MORE THAN 9 CREDITS OF MUSIC 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD COMPOSITION MUSIC 490C VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 NO MORE THAN 9 CREDITS OF MUSIC 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HISTORY MUSIC 490D VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 NO MORE THAN 9 CREDITS OF MUSIC 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY LITERATURE MUSIC 490E VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 NO MORE THAN 9 CREDITS OF MUSIC 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY APPL MUSIC MUSIC 490F VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, 12 CREDITS IN
 MUSIC, APPROVAL OF DEPARTMENT CHAIR
 NO MORE THAN 9 CREDITS OF MUSIC 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY CONDUCTG MUSIC 490G VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF MUSIC 490 MAY BE
 APPLIED TOWARD GRADUATION
 3645074 MG ARRANGED GOLEMO M
 3645078 MS ARRANGED SMITH M

INDEP STUDY HONORS MUSIC 490H VAR. CR.
 PREREQ: INSTRUCTOR PERMISSION, HONORS PROG MEMBER
 NO MORE THAN 9 CREDITS OF MUSIC 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS THEORY MUSIC 590B VAR. CR.
 PREREQ: INSTRUCTOR PERMISSN; DEPT CHAIR APPROVAL
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS COMPOSIT MUSIC 590C VAR. CR.
 PREREQ: INSTRUCTOR PERMISSN; DEPT CHAIR APPROVAL
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT

MUSIC

SPECIAL TOPICS LIT MUSIC 590E VAR. CR.
 PREREQ: INSTRUCTOR PERMISSN; DEPT CHAIR APPROVAL
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC APPL MUSIC MUSIC 590F VAR. CR.
 PREREQ: INSTRUCTOR PERMISSN; DEPT CHAIR APPROVAL
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

NATURAL RESOURCE ECOLOGY AND MGMT

INTR RENEW RESOURCS NREM 120 3 CR.
 1297005 MWF 12:10-1:00

INTERNSHIP NREM 303 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR, SOPH STANDING
 A TOTAL OF 6 CREDITS OF NREM 303 MAY BE APPLIED
 TOWARD GRADUATION
 1060005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SEMINAR NREM 305 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 1058005 1 ARRANGED

RSRC MGT SMALL PROP NREM 310 2 CR.
 1422005 A MWF 9:00-9:50
 SECT A:JAN 10-APRIL 1

WATERSHED MANAGMENT NREM 407 4 CR.
 PREREQ: A COURSE IN GENERAL BIOLOGY
 FIELD TRIPS & TRAVEL FEE \$25.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3727005 A TR 9:30-10:50
 T 3:10-6:00PM

GIS&GPS NAT RESOURC NREM 446 3 CR.
 PREREQ: 12 CR IN STUDNT MAJ AT 300 LEVEL OR ABOVE
 3032005 1 TR 8:00-8:50
 T 12:10-3:00
 3032010 2 TR 8:00-8:50
 R 12:10-3:00
 3032015 3 TR 8:00-8:50
 W 10:00-1:00

CONTROVRS RESRC MGT NREM 460 3 CR.
 PREREQ: 120, A ECL 312 OR FOR 301, JR CLASSIF
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7598005 1 WF 3:10-4:30

IND STDY ANIMAL ECO NREM 490A 1- 4 CR.
 PREREQ: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISSN
 A MAXIMUM OF 6 CREDITS OF A ECL 490/NREM 490
 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY FORESTRY NREM 490B 1- 4 CR.
 PREREQ: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISSN
 A MAXIMUM OF 6 CREDITS OF FORESTRY 490/NREM 490
 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS
 REQUIRED FOR GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS NREM 490H 1- 4 CR.
 PREREQ: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISSN
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 A MAXIMUM OF 6 CREDITS OF A ECL/FOR/NREM 490
 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC NREM 498 1- 3 CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7593005 ARRANGED

SEMINAR NREM 505 1 CR.
 PREREQ: INSTR PERMISSION OR GRAD CLASSIFICATION
 1083005 1 ARRANGED

PRESNTNG SCI RESULT NREM 510 2 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 1423005 A F 1:10-3:00

INTRO DNA TECHNIQS NREM 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3744005 TR 1:10-2:00
 TR 2:10-4:00
 JAN 11-FEB 10

INTR PROTEIN TECHNQ NREM 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3806005 TR 1:10-2:00
 TR 2:10-4:00
 FEB 15-MARCH 24

INTRO CELL TECHNIQS NREM 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3777005 TR 1:10-2:00
 TR 2:10-4:00
 MARCH 29-APRIL 28

INTR PLANT TRANSFRM NREM 542D 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 3796005 ARRANGED
 FEB 9-APRIL 20

INTEGRATING GIS&GPS NREM 546 3 CR.
 PREREQ: 12 CR IN STUDNT MAJ AT 300 LEVEL OR ABOVE
 3821005 1 TR 8:00-8:50
 T 12:10-3:00
 3821010 2 TR 8:00-8:50
 R 12:10-3:00
 3821015 3 TR 8:00-8:50
 W 10:00-1:00

PERFORMING ARTS

NATURAL RESOURCE ECOLOGY AND MGMT

SPL TOPCS ANIML ECO NREM 590A 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS FORESTRY NREM 590B 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT NREM 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH NREM 699 1- 9 CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

NAVAL SCIENCE

NAVAL SHIP SYSTMS I N S 210 3 CR.
 COURSE RESTRICTED TO SOPH AND SENIOR CLASS
 MIDSHIPMEN.
 5552005 A TR 9:30-10:50
 T 3:10-5:00

NAVIG&NAVAL OPER II N S 312 3 CR.
 5556005 A TR 8:00-9:20
 T 3:10-5:00

LEADERSHIP & MGT II N S 412 3 CR.
 PREREQ: SENIOR CLASSIFICATION
 COURSE RESTRICTED TO SENIOR MIDSHIPMEN
 5560005 A MWF 8:00-8:50
 T 3:10-5:00

INDEPENDENT STUDY N S 490 1- 3 CR.
 PREREQ: SENIOR CLASSIFICATION AND PRIOR APPROVAL
 OF N S DEPARTMENT CHAIR, 6 CREDITS IN NAVAL SCIENCE
 NO MORE THAN 9 CREDITS OF N S 490 MAY BE APPLIED
 TOWARD GRADUATION
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

NEUROSCIENCE

ADV NEUROSCI TECHNQ NEURO 557 2 CR.
 PREREQ: 556
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8552005 ARRANGED

NEUROSCI JOURNL CLB NEURO 690 1 CR.
 PREREQ: 556
 8554005 ARRANGED

NEUROSCIENCE SEMINR NEURO 696 1 CR.
 PREREQ: 556
 8555005 ARRANGED

RESEARCH NEURO 699 VAR. CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ISSUES PERFORM ARTS PERF 105 R CR.
 SATISFACTORY-FAIL ONLY.
 3673005 R 4:10-5:30

PERFORM ARTS INTERN PERF 310 R CR.
 SATISFACTORY-FAIL ONLY.
 3677005 ARRANGED

PEST MANAGEMENT

PESTICIDE APPL CERT P M 283 2 CR.
 5250005 MW 2:10-3:00

PRIN OF WEED SCIENC P M 317 3 CR.
 PREREQ: BIOL 109 OR 110; A COURSE IN CHEMISTRY
 MATERIALS FEE \$7.00
 5816010 1 MWF 3:10-4:00 GIBSON L
 T 10:00-11:50
 5816015 2 MWF 10:00-10:50 GIBSON L
 T 12:10-2:00

FND ENTOMO&PEST MGT P M 376 3 CR.
 PREREQ: BIOL 109 OR 201
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5818005 A TR 4:10-5:00
 T 1:10-4:00
 5818010 B TR 4:10-5:00
 W 12:10-3:00
 5818015 C TR 4:10-5:00
 W 3:10-6:00PM

PRIN OF PLANT PATH P M 407 3 CR.
 PREREQ: 8 CREDIT IN BIOL SCIENCES
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5819005 1 MW 11:00-11:50
 W 12:10-3:00
 5819010 2 MW 11:00-11:50
 W 3:10-6:00PM

FOREST PEST MGT P M 416 4 CR.
 PREREQ: 8 CR IN BIOL SCIENCES, INCLUDING BIOL 202
 FIELD TRIPS & TRAVEL FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5820005 1 TR 11:00-12:20
 T 12:10-3:00

INDEPENDENT STUDY P M 490 1- 3 CR.
 PREREQ: JUNIOR OR SENIOR CLASSIFICATION, 3 CR
 IN P M, PERMISSION OF INSTRUCTOR, & WRITTEN PLAN
 OF STUDY APPROVED BY P M CURRICULUM CHAIR
 A MAXIMUM OF 6 CREDITS OF 490 MAY BE APPLIED
 TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
 GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5821005 ARRANGED

PEST MGT EXPERIENCE P M 491 2 CR.
 PREREQ: 6 CR IN P M, PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5822005 ARRANGED

PHILOSOPHY

INTRO TO PHILOSOPHY PHIL 201 3 CR.
 5824005 A MWF 12:10-1:00 HOLLINGER R
 5824010 B MWF 2:10-3:00 HOLLINGER R
 5824015 C TR 9:30-10:50 KNIGHT G
 5824020 D TR 12:40-2:00 KNIGHT G
 SECTION D SCIENCE EMPHASIS. RESTRICTED

TO FRESHMEN AND SOPHOMORES.
 5824025 E TR 11:00-12:20 WUNDERLICH M

INTR LOGIC&SCI REAS PHIL 206 3 CR.
 5825005 A MWF 12:10-1:00 DE LAPLANTE K
 5825010 B MWF 2:10-3:00 DE LAPLANTE K

INTR SYMBOLIC LOGIC PHIL 207 3 CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5826005 MWF 3:10-4:00

MORAL THEOR&PRCTICE PHIL 230 3 CR.
 5827005 A TR 11:00-12:20 KUPFER J
 SECTION A RESTRICTED TO FRESHMAN ONLY
 5827010 B MWF 10:00-10:50 GEIRSSON H
 5827015 C MWF 1:10-2:00 HOLMGREN M
 5827020 D MWF 3:10-4:00 HOLMGREN M
 5827025 E TR 3:40-5:00 BELKNAP B
 5827030 F TR 12:40-2:00 BELKNAP B
 5827035 G TR 9:30-10:50 BUTLER T
 5827040 J MWF 11:00-11:50
 5827045 K TR 2:10-3:30

18TH CEN PHILOSOPHY PHIL 315 3 CR.
 PREREQ: 201
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9626005 TR 11:00-12:20 KNIGHT G

20TH C ANGLO-AM PHI PHIL 318 3 CR.
 PREREQ: 201
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 1825005 MWF 1:10-2:00 HIEBER D

MORAL PROB MEDICINE PHIL 331 3 CR.
 PREREQ: 230 OR JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5835005 MWF 11:00-11:50 HOLMGREN M

PHILOSOPHY OF LAW PHIL 332 3 CR.
 PREREQ: 201 OR 230
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5836005 TR 2:10-3:30 KUPFER J

BIOETHICS&BIOTECHNL PHIL 336 3 CR.
 PREREQ: 201 OR 230 OR 235
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3142005 MWF 11:00-11:50 WOLF C

PHILOSOPHY

FEMINIST PHILOSOPHY PHIL 338 3 CR.
 PREREQ: 3 CR IN PHIL RECOMMENDED
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4682005 TR 12:40-2:00 FEHR C

PHIL OF TECHNOLOGY PHIL 343 3 CR.
 PREREQ: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341
 AND 3 CREDITS OF SOCIAL SCIENCE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7343005 A TR 9:30-10:50 BELKNAP B
 7343010 B MWF 9:00-9:50

METAPHYSICS:MINDS&M PHIL 364 3 CR.
 PREREQ: 3 CREDITS IN PHILOSOPHY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8110005 MWF 12:10-1:00 GEIRSSON H

PHIL SOCIAL&BEH SCI PHIL 381 3 CR.
 PREREQ: 201 OR 6 CR IN SOCIAL SCIENCES
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5841005 MWF 10:00-10:50 HOLLINGER R

VALUE THEORY PHIL 430 3 CR.
 PREREQ: 230
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5842005 T 6:00-8:30PM BUTLER T

EPISTEMOL &METAPHYS PHIL 460 3 CR.
 PREREQ: 201 AND AT LEAST ONE CRSE IN HIST OF PHIL
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 5844005 R 6:00-8:30PM WUNDERLICH M

PHILOSOPH OF BIOLOGY PHIL 483 3 CR.
 PREREQ: 3 CREDITS IN PHILOSOPHY OR BIOLOGY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3054005 R 4:10-6:40PM FEHR C

PHILOSOPH OF PHYSICS PHIL 485 3 CR.
 PREREQ: 3 CREDITS IN PHILOSOPHY OR PHYSICS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 8048005 W 7:00-9:30PM DE LAPLANTE K

INDEPENDENT STUDY PHIL 490 1- 4 CR.
 PREREQ: 6 CREDITS IN PHIL, PERMISSION OF INSTR,
 APPROVAL OF CHAIR
 NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHIL 490H 1- 4 CR.
 PREREQ: 6 CREDITS IN PHIL, PERMISSION OF INSTR,
 APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM
 NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

PHILOSOPHY

CONTEMP POLITC PHIL PHIL 535 3 CR.
 PREREQ: 6 CREDITS OF PHIL OR POLITICAL SCIENCE
 5637005 W 3:10-5:30

SPCL TOPICS HISTORY PHIL 590A 2- 4 CR.
 PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5850005 ARRANGED

SPL TOP EPIS&METAPH PHIL 590B 2- 4 CR.
 PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5851005 ARRANGED

SPL TOP VALUE THRY PHIL 590C 2- 4 CR.
 PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5852005 ARRANGED

SPL TOP LOGIC&P SCI PHIL 590D 2- 4 CR.
 PREREQ: INSTRUCTOR PERMISSION, 9 CR IN PHIL
 5853005 ARRANGED

PHYSICS

PHYS FOR NON-SCIENT PHYS 101 3 CR.
 5855005 MWF 11:00-11:50

PHYSICS COMMON EXPER PHYS 106 4 CR.
 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE
 DROPPED FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 EQUIPMENT USE FEE \$5.00
 5856005 1 TR 8:00-8:50
 WF 8:00-8:50
 5856010 2 TR 8:00-8:50
 WF 9:00-9:50
 5856015 3 TR 8:00-8:50
 WF 11:00-11:50
 5856020 4 TR 8:00-8:50
 WF 2:10-3:00
 5856025 5 TR 8:00-8:50
 WF 3:10-4:00
 5856026 6 TR 8:00-8:50
 WF 4:10-5:00
 5856030 A R 12:10-2:00
 5856035 B R 2:10-4:00
 5856040 C R 4:10-6:00PM
 5856045 D F 8:00-9:50
 5856050 E F 10:00-11:50
 5856055 F F 12:10-2:00
 5856060 G F 2:10-4:00

GENERAL PHYSICS PHYS 111 4 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 1 AND 1/2 YRS OF HS ALGEBRA, 1 YR OF
 GEOMETRY, 1 SEMESTER OF TRIGONOMETRY
 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE
 DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 MATERIALS FEE \$15.75
 5857005 1 TR 9:00-9:50
 WF 8:00-8:50
 5857010 2 TR 9:00-9:50
 WF 9:00-9:50
 5857015 3 TR 9:00-9:50
 WF 11:00-11:50

PHYSICS

GENERAL PHYSICS PHYS 111 4 CR.
 5857020 4 TR 9:00-9:50
 WF 12:10-1:00
 5857025 5 TR 9:00-9:50
 WF 1:10-2:00
 5857030 6 TR 9:00-9:50
 WF 2:10-3:00
 5857035 7 TR 9:00-9:50
 WF 4:10-5:00
 5857040 8 TR 9:00-9:50
 WF 4:10-5:00
 5857041 10 TR 10:00-10:50
 WF 8:00-8:50
 5857046 11 TR 10:00-10:50
 WF 10:00-10:50
 5857047 12 TR 10:00-10:50
 WF 12:10-1:00
 5857048 13 TR 10:00-10:50
 WF 1:10-2:00
 5857049 14 TR 10:00-10:50
 WF 2:10-3:00
 5857050 15 TR 10:00-10:50
 WF 3:10-4:00
 5857051 16 TR 10:00-10:50
 WF 4:10-5:00
 5857052 17 TR 10:00-10:50
 WF 4:10-5:00
 5857054 A M 8:00-9:50
 5857055 B M 10:00-11:50
 5857060 C M 12:10-2:00
 5857065 D M 2:10-4:00
 5857070 E M 4:10-6:00PM
 5857075 F T 8:00-9:50
 5857080 G T 10:00-11:50
 5857085 H T 12:10-2:00
 5857090 J T 2:10-4:00
 5857095 K T 4:10-6:00PM
 5857100 L W 10:00-11:50
 5857084 M W 12:10-2:00
 5857105 N W 2:10-4:00
 5857110 P W 4:10-6:00PM
 5857115 Q R 8:00-9:50
 5857120 R R 10:00-11:50
 5857125 T R 12:10-2:00
 5857130 U R 2:10-4:00
 5857135 V R 4:10-6:00PM

GENERAL PHYSICS PHYS 112 4 CR.
 PREREQ: 111
 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE
 DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 MATERIALS FEE \$15.75
 5858005 1 MWF 12:10-1:00
 R 8:00-8:50
 5858010 2 MWF 12:10-1:00
 R 8:00-8:50
 5858015 3 MWF 12:10-1:00
 R 11:00-11:50
 5858020 4 MWF 12:10-1:00
 R 12:10-1:00
 5858025 5 MWF 12:10-1:00
 R 1:10-2:00
 5858030 6 MWF 12:10-1:00
 R 3:10-4:00

PHYSICS

GENERAL PHYSICS PHYS 112 4 CR.

5858035 7 MWF 12:10-1:00
 R 4:10-5:00
 5858038 8 MWF 12:10-1:00
 R 4:10-5:00
 5858039 9 MWF 12:10-1:00
 R 9:00-9:50
 5858042 A T 8:00-9:50
 5858045 B T 10:00-11:50
 5858050 C T 12:10-2:00
 5858055 D T 2:10-4:00
 5858060 E T 4:10-6:00PM
 5858065 F W 8:00-9:50
 5858070 G W 10:00-11:50
 5858075 H W 2:10-4:00
 5858080 J W 4:10-6:00PM

INTR CLASSCL PHYS I PHYS 221 5 CR.

NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: CREDIT OR ENROLLMENT IN MATH 166.
 IF ENROLLED IN 221 FOR CURRENT TERM, MAY NOT

REGISTER
 FOR 221 FOR FUTURE TERM UNTIL CURRENT TERM IS ENDED
 OR FUTURE TERM REGISTRATION IN 221 WILL BE DROPPED.
 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE

DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 MATERIALS AND EQUIPMENT USE FEE \$20.75

5861005 1 MWF 8:00-8:50
 TR 8:00-8:50
 5861010 2 MWF 8:00-8:50
 TR 9:00-9:50
 SECTION 2 RESTRICTED TO PHYSICS MAJORS

ONLY
 5861015 3 MWF 8:00-8:50
 TR 10:00-10:50
 5861020 4 MWF 8:00-8:50
 TR 11:00-11:50
 5861025 5 MWF 8:00-8:50
 TR 12:10-1:00
 5861030 6 MWF 8:00-8:50
 TR 1:10-2:00
 5861035 7 MWF 8:00-8:50
 TR 2:10-3:00
 5861040 8 MWF 8:00-8:50
 TR 3:10-4:00
 5861045 9 MWF 8:00-8:50
 TR 4:10-5:00
 5861050 10 MWF 9:00-9:50
 TR 8:00-8:50
 5861055 11 MWF 9:00-9:50
 TR 9:00-9:50
 5861060 12 MWF 9:00-9:50
 TR 10:00-10:50
 5861065 13 MWF 9:00-9:50
 TR 11:00-11:50
 SECTION 13 RESTRICTED TO PHYSICS MAJORS

ONLY
 5861070 14 MWF 9:00-9:50
 TR 12:10-1:00
 5861075 15 MWF 9:00-9:50
 TR 1:10-2:00
 5861080 16 MWF 9:00-9:50
 TR 2:10-3:00
 5861085 17 MWF 9:00-9:50
 TR 3:10-4:00
 5861087 18 MWF 9:00-9:50
 TR 4:10-5:00

PHYSICS

INTR CLASSCL PHYS I PHYS 221 5 CR.

5861088 19 MWF 9:00-9:50
 5861090 20 MWF 10:00-10:50
 TR 8:00-8:50
 5861095 21 MWF 10:00-10:50
 TR 9:00-9:50
 5861100 22 MWF 10:00-10:50
 TR 10:00-10:50
 5861105 23 MWF 10:00-10:50
 TR 11:00-11:50
 5861110 24 MWF 10:00-10:50
 TR 12:10-1:00
 5861115 25 MWF 10:00-10:50
 TR 1:10-2:00
 SECTION 25 RESTRICTED TO PHYSICS MAJORS

ONLY
 5861120 26 MWF 10:00-10:50
 TR 2:10-3:00
 5861125 27 MWF 10:00-10:50
 TR 3:10-4:00
 5861130 28 MWF 10:00-10:50
 TR 4:10-5:00
 5861135 29 MWF 10:00-10:50
 5861140 30 MWF 8:00-8:50
 TR 4:10-5:00
 5861145 31 MWF 8:00-8:50
 TR 7:00-7:50PM
 5861200 A T 8:00-9:50
 5861205 B W 8:00-9:50
 SECTION B RESTRICTED TO PHYSICS MAJORS

ONLY
 5861210 C T 10:00-11:50
 5861215 D F 10:00-11:50
 5861220 E T 12:10-2:00
 5861225 F W 12:10-2:00
 5861230 G T 2:10-4:00
 5861235 J F 2:10-4:00
 5861240 K M 4:10-6:00PM
 5861245 L T 4:10-6:00PM
 5861250 M M 10:00-11:50
 5861255 N W 10:00-11:50
 5861260 P F 10:00-11:50
 SECTION P RESTRICTED TO PHYSICS MAJORS

ONLY
 5861265 Q W 4:10-6:00PM
 5861270 R F 12:10-2:00
 5861275 T F 2:10-4:00
 5861280 U W 2:10-4:00
 5861285 V F 4:10-6:00PM
 5861290 W W 8:00-9:50PM
 5861300 X M 8:00-9:50
 5861305 Y W 8:00-9:50
 5861310 Z F 8:00-9:50
 5861315 AA F 12:10-2:00
 5861320 BB M 12:00-2:00
 5861325 CC W 12:00-2:00
 SECTION CC RESTRICTED TO PHYSICS MAJORS

ONLY
 5861330 DD M 2:10-4:00
 5861335 EE W 2:10-4:00
 5861340 FF F 4:10-6:00PM
 5861345 GG F 8:00-9:50PM
 5861350 JJ W 4:10-6:00PM
 5861355 LW ARRANGED

DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

PHYSICS

PHYSICS

HONORS-CLASSIC PH I PHYS 221H 5 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: CR OR ENROLLMENT IN MATH 166,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE
 DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 MATERIALS AND EQUIPMENT USE FEE \$20.75
 5862005 1 MWF 8:00-8:50
 TR 9:00-9:50
 5862010 2 MWF 9:00-9:50
 TR 11:00-11:50
 5862015 3 MWF 10:00-10:50
 TR 1:10-2:00
 5862050 A T 8:00-9:50
 5862055 B W 10:00-11:50
 5862060 C T 10:00-10:50

INTR CLASSC PHYS II PHYS 222 5 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 221, MATH 166
 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE
 DROPPED
 FROM THE COURSE. IF A STUDENT ENROLLED IN 222 FOR
 F'04 REGISTERS FOR 222 IN A FUTURE TERM BEFORE F'04
 ENDS, THE FUTURE TERM ENROLLMENT WILL BE DROPPED.
 MATERIALS FEE \$15.75
 5863005 1 MWF 1:10-2:00
 T 8:00-8:50
 5863010 2 MWF 1:10-2:00
 T 9:00-9:50
 5863015 3 MWF 1:10-2:00
 T 10:00-10:50
 5863020 4 MWF 1:10-2:00
 T 11:00-11:50
 5863025 5 MWF 1:10-2:00
 T 12:10-1:00
 5863030 6 MWF 1:10-2:00
 T 1:10-2:00
 5863035 7 MWF 1:10-2:00
 T 2:10-3:00
 5863036 8 MWF 1:10-2:00
 T 2:10-3:00
 5863037 9 MWF 1:10-2:00
 T 2:10-3:00
 5863040 10 MWF 1:10-2:00
 T 7:00-7:50PM
 5863045 11 MWF 2:10-3:00
 T 8:00-8:50
 5863050 12 MWF 2:10-3:00
 T 9:00-9:50
 5863055 13 MWF 2:10-3:00
 T 10:00-10:50
 5863060 14 MWF 2:10-3:00
 T 11:00-11:50
 5863065 15 MWF 2:10-3:00
 T 12:10-1:00
 5863090 16 MWF 2:10-3:00
 T 1:10-2:00
 5863095 17 MWF 2:10-3:00
 T 4:10-5:00
 5863100 18 MWF 2:10-3:00
 T 3:10-4:00
 SECTION 18 RESTRICTED TO PHYSICS MAJORS

ONLY

INTR CLASSC PHYS II PHYS 222 5 CR.
 5863105 19 MWF 2:10-3:00
 T 4:10-5:00
 5863115 21 MWF 3:10-4:00
 T 8:00-8:50
 5863120 22 MWF 3:10-4:00
 T 9:00-9:50
 5863125 23 MWF 3:10-4:00
 T 10:00-10:50
 5863130 24 MWF 3:10-4:00
 T 11:00-11:50
 5863135 25 MWF 3:10-4:00
 T 12:10-1:00
 5863140 26 MWF 3:10-4:00
 T 1:10-2:00
 5863145 27 MWF 3:10-4:00
 T 2:10-3:00
 5863150 28 MWF 3:10-4:00
 T 3:10-4:00
 5863155 29 MWF 3:10-4:00
 T 4:10-5:00
 5863200 A R 8:00-9:50
 5863205 B W 2:10-4:00
 5863215 C R 10:00-11:50
 5863220 D T 10:00-11:50
 5863225 E R 12:10-2:00
 5863230 F R 12:10-2:00
 5863235 G F 10:00-11:50
 5863240 J T 2:10-4:00
 5863245 K W 2:10-4:00
 5863250 L T 8:00-9:50PM
 5863255 M F 2:10-4:00
 5863260 N R 8:00-9:50
 5863265 P W 10:00-11:50
 5863270 Q R 10:00-11:50
 5863275 R F 12:10-2:00
 5863280 T M 4:10-6:00PM
 5863285 U W 4:10-6:00PM
 5863290 V R 2:10-4:00
 SECTION V RESTRICTED TO PHYSICS MAJORS
 ONLY
 5863295 W R 4:10-6:00PM
 5863300 X T 12:10-2:00
 5863305 Y F 2:10-4:00
 5863310 Z W 12:10-2:00
 5863315 AA R 2:10-4:00
 5863320 BB F 10:00-11:50
 5863325 CC F 12:10-2:00
 5863330 DD W 4:10-6:00PM
 5863335 EE W 12:10-2:00
 5863340 FF R 4:10-6:00PM
 5863345 LW ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
HONORS-CLASS PHY II PHYS 222H 5 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: 221, MATH 166, MEMBERSHIP IN UNIVERSITY
 HONORS PROGRAM
 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE
 DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 MATERIALS FEE \$15.75
 5864005 1 MWF 2:10-3:00
 T 3:10-4:00
 5864050 A R 2:10-4:00

PHYSICS

PHYSICS

COMPUTL SKILLS PHYS PHYS 232 1 CR.
 PREREQ: 222
 5865005 F 2:10-5:00

INDEPENDENT STUDY PHYS 290 1- 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CHALNG CONTEMP PHYS PHYS 302 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 5869005 MWF 2:10-3:00

PHYS OF WAVE MOTION PHYS 306 3 CR.
 PREREQ: 222, CREDIT OR ENROLLMENT IN MATH 267
 5871005 MWF 12:10-1:00

INTERMEDIATE LAB PHYS 311 1- 2 CR.
 PREREQ: 322 OR 324
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5872005 1 MW 3:10-6:00PM
 5872010 2 TR 3:10-6:00PM

INTERMEDIATE LAB PHYS 311T 3 CR.
 PREREQ: 112 OR 222
 5873005 ARRANGED

INTR MODRN PHYSCS I PHYS 321 3 CR.
 PREREQ: 222, CREDIT OR ENROLLMENT IN MATH 266
 5874005 TR 9:30-10:50

INTR MOD PHYS LAB I PHYS 321L 1 CR.
 PREREQ: CR OR ENROLLMENT IN 321 AND CR OR
 ENROLLMENT IN 232 OR EQUIVALENT EXPERIENCE
 5875005 1 T 2:10-4:00
 5875010 2 T 4:10-6:00PM
 5875015 3 W 2:10-4:00
 5875020 4 R 3:10-5:00

INTERMED MECHANICS PHYS 362 3 CR.
 PREREQ: 361
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5881005 TR 12:40-2:00

ELECT & MAGNETISM I PHYS 364 3 CR.
 PREREQ: 222, MATH 385 OR 395
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5882005 MWF 10:00-10:50

SEMINAR PHYS 389 R CR.
 SATISFACTORY-FAIL ONLY.
 3647005 ARRANGED

SEM SEC SCHOOL PHYS PHYS 399 1- 2 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5886005 ARRANGED

UNDERGRAD RESEARCH PHYS 450 1- 6 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH PHYS 450L 1- 6 CR.
 PREREQ: 311, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPLIED PHYSICS LAB PHYS 470L 2- 5 CR.
 PREREQ: 322 OR 324 AND PERMISSION OF INSTRUCTOR
 3161005 ARRANGED

QUANTUM MECHANCS II PHYS 481 3 CR.
 PREREQ: 480
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5891005 MWF 11:00-11:50

TUTORIAL SEMINAR PHYS 489 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY PHYS 490 1- 4 CR.
 PREREQ: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHYS 490H 1- 4 CR.
 PREREQ: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

MODERN OPTICS PHYS 496 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 321 AND 365
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5884005 MWF 3:10-4:00

CONDENSED MATTER I PHYS 511 3 CR.
 PREREQ: 304, 322
 5896005 TR 9:30-10:50

NUCLEAR PHYSICS PHYS 524 3 CR.
 PREREQ: 480
 5900005 TR 11:00-12:30

PHYS SEMICONDC DEVIC PHYS 536 3 CR.
 PREREQ: E E 535
 5904005 MW 4:10-5:30

HIGH ENERGY PHYSICS PHYS 537 3 CR.
 PREREQ: 480
 5905005 MWF 10:00-10:50

COMPUTATIONAL PHYS PHYS 551 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 365, 480
 7651005 R 2:10-4:00, ARRANGED

ADV ELECT&MAGNET II PHYS 572 3 CR.
 PREREQ: 571
 5909005 MWF 12:10-1:00

PHYSICS

SPCL TOPICS NUCLEAR PHYS 590A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5910005 ARRANGED

SPL TOP COND MATTER PHYS 590B VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5911005 ARRANGED

SPL TOP HIGH ENERGY PHYS 590C VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5912005 ARRANGED

SPCL TOPICS PHYSICS PHYS 590D VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5913005 ARRANGED

SPL TOPCS APPL PHYS PHYS 590E VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 5914005 ARRANGED

QUANTUM PHYSICS II PHYS 592 4 CR.
 PREREQ: 591
 5916005 MF 8:00-9:30
 W 9:00-9:50

CREATIVE COMPONENT PHYS 599 VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

QUANT THRY C MATTER PHYS 611 3 CR.
 PREREQ: 512, 681
 5918005 TR 11:00-12:30

ELEM PARTICLE PH II PHYS 638 3 CR.
 PREREQ: 637
 5922005 ARRANGED

ADV SEMINAR NUCLEAR PHYS 650A 1 CR.
 SATISFACTORY-FAIL ONLY.
 5923005 W 4:10-5:00

ADV SEM COND MATTER PHYS 650B 1 CR.
 SATISFACTORY-FAIL ONLY.
 5924005 R 4:10-5:00

ADV SEM HIGH ENERGY PHYS 650C 1 CR.
 SATISFACTORY-FAIL ONLY.
 5925005 W 4:10-5:00

ADV SEMINAR PHYSICS PHYS 650D 1 CR.
 SATISFACTORY-FAIL ONLY.
 5926005 ARRANGED

ADV SEMINAR APPLIED PHYS 650E 1 CR.
 SATISFACTORY-FAIL ONLY.
 5927005 ARRANGED

ADV TOPICS NUCLEAR PHYS 660A 1- 3 CR.
 5928005 ARRANGED

PHYSICS

ADV TOP COND MATTER PHYS 660B 1- 3 CR.
 5929005 ARRANGED

ADV TOP HIGH ENERGY PHYS 660C 1- 3 CR.
 5930005 ARRANGED

ADV TOPICS PHYSICS PHYS 660D 1- 3 CR.
 5931005 ARRANGED

ADV TOPICS APPLIED PHYS 660E 1- 3 CR.
 5932005 ARRANGED

QUANTUM FLD THRY II PHYS 682 3 CR.
 PREREQ: 681
 5936005 ARRANGED

RESEARCH PHYS 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

PLANT HEALTH AND PROTECTION

PLANT HEALTH BIOLGY PL HP 206 3 CR.
 PREREQ: BIOL 109 OR 201
 9629005 TR 11:00-12:20

PESTICIDE APPL CERT PL HP 283 2 CR.
 5249005 MW 2:10-3:00

PRIN OF WEED SCIENC PL HP 317 3 CR.
 PREREQ: BIOL 201
 MATERIALS FEE \$7.00
 9631010 1 MWF 3:10-4:00 GIBSON L
 T 10:00-11:50
 9631015 2 MWF 10:00-10:50 GIBSON L
 T 12:10-2:00

HORTI PLANT NUTRITN PL HP 320 2 CR.
 PREREQ: AGRON 154
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9640005 TR 8:00-8:50 CHAPLIN M

SOILS & PLANT GROWTH PL HP 354 3 CR.
 PREREQ: AGRON 154
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9632005 1 MWF 8:00-8:50 KILLORN R
 9632010 2 MWF 10:00-10:50 LOYNACHAN T

SOIL&PLANT GRWTH LB PL HP 354L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN AGRON 354
 9633005 A T 12:10-3:00 HENNING S
 9633010 B T 3:10-6:00PM HENNING S
 9633015 C W 1:10-4:00 HENNING S
 9633020 D R 2:10-5:00 HASSELMAN E

FND ENTOMO&PEST MGT PL HP 376 3 CR.
 PREREQ: BIOL 109 OR 201
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9635005 A TR 4:10-5:00
 T 1:10-4:00
 9635010 B TR 4:10-5:00
 W 12:10-3:00
 9635015 C TR 4:10-5:00
 W 3:10-6:00PM

PLANT HEALTH AND PROTECTION

PLT HEALTH WORK EXP PL HP 392 R CR.
 PREREQ: 6 CR IN PLANT HEALTH AND PROTECTION,
 PERMISSION OF ADVISOR
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9637005 ARRANGED

PRIN OF PLANT PATH PL HP 407 3 CR.
 PREREQ: 8 CR IN BIOL SCIENCES
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9638005 1 MW 11:00-11:50
 W 12:10-3:00
 9638010 2 MW 11:00-11:50
 W 3:10-6:00PM

FOREST PEST MGT PL HP 416 4 CR.
 PREREQ: 8 CR IN BIOL SCIENCES, INCLUDING BIOL 201
 FIELD TRIPS & TRAVEL FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9639005 1 TR 11:00-12:20
 T 12:10-3:00

INDEP STDY PLNT H&P PL HP 490A 1- 3 CR.
 PREREQ: JR OR SR CLASSIFICATION, 6 CR IN PLANT
 HEALTH AND PROTECTION, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 6 CREDITS OF PL HP 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9641005 ARRANGED

INDEP STUDY HONORS PL HP 490H 1- 3 CR.
 PREREQ: JR OR SR CLASSIFICATION, 6 CR IN PL HP,
 INSTR PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM
 A MAXIMUM OF 6 CREDITS OF PL HP 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9642005 ARRANGED

PLANT HEALTH MGT PL HP 498 3 CR.
 PREREQ: 391
 9643005 M 3:10-5:00
 W 3:10-4:00

PLANT PATHOLOGY

INDEP STDY PLT PATH PL P 490A 1- 3 CR.
 PREREQ: JR OR SR CLASSIFICATION, 7 CREDITS IN
 BIOLOGICAL SCIENCES, PERMISSION OF INSTRUCTOR
 A MAXIMUM OF 6 CREDITS OF PL P 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 3152005 ARRANGED

HONORS INDEP STUDY PL P 490H 1- 3 CR.
 PREREQ: JR OR SR CLASSIFICATION, 7 CR IN BIOL
 SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS PROGRAM
 A MAXIMUM OF 6 CREDITS OF PL P 490 MAY BE
 APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
 FOR GRADUATION
 3155005 ARRANGED

PLANT-PATH INTERACT PL P 506 2 CR.
 PREREQ: 407 OR 416 OR 503, BIOL 301
 9645005 TR 9:00-9:50

PLANT VIROLOGY PL P 509 4 CR.
 PREREQ: 407 OR 503, BOT 404, BMB 405, CHEM 211
 5947005 TR 8:00-8:50, ARRANGED

INTG MGT TROPIC CROP PL P 511 3 CR.
 PREREQ: 407 OR 416 OR 503 OR ENT 370 OR 376 OR
 HORT 221
 4465005 ARRANGED

PRO PRACTC RESEARCH PL P 565A .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 7866005 1 T 12:10-1:00
 7866010 2 ARRANGED

PRO PRAC INTEL PROP PL P 565B .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 7874005 ARRANGED

PRO LIFE SCIETHICS PL P 565C .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 1885005 ARRANGED

PRO PLNT BREED ETHC PL P 565D .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 5108005 R 1:10-3:00

SPECIAL TOPICS PL P 590 1- 3 CR.
 PREREQ: 10 CR IN BIOL SCIENCES, INSTR PERMISSION
 5953005 ARRANGED

SEED PATHOLOGY PL P 594 3 CR.
 PREREQ: 407 OR 503
 5955005 MW 11:00-11:50
 F 9:00-11:50

NATURAL TOXINS PL P 643 3 CR.
 8172005 ARRANGED

COLLOQ IN PLANT PTH PL P 694 2 CR.
 PREREQ: 407 OR 416 OR 503; PERMISSN OF INSTRUCTOR
 5958005 ARRANGED

PLANT PATHOLOGY

PRIN OF PLANT PATH PL P 407 3 CR.
 PREREQ: 8 CREDITS IN BIOL SCIENCES, INCLUDING
 BIOL 202
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5940005 1 MW 11:00-11:50
 W 12:10-3:00
 5940010 2 MW 11:00-11:50
 W 3:10-6:00PM

FOREST PEST MGT PL P 416 4 CR.
 PREREQ: 8 CR IN BIOL SCI, INCLUDING BIOL 201
 FIELD TRIPS & TRAVEL FEE \$10.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5942005 1 TR 11:00-12:20
 T 12:10-3:00

POLITICAL SCIENCE

PLANT PATHOLOGY

SEMINAR PL P 698 1 CR.
 SATISFACTORY-FAIL ONLY.
 5959005 T 3:40-5:00

THESIS&DIS RESEARCH PL P 699 VAR. CR.
 5960005 ARRANGED

INTR EMPIRICL RSRCH POL S 301 4 CR.
 PREREQ: 3 CREDITS IN POL S; 1 STAT CRSE REQUIRED
 5965005 A M 10:00-11:50
 W 10:00-11:50

POLITICAL BEHAVIOR POL S 305 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 5966005 A MWF 1:10-2:00
 SEC A RESTRICTED TO POL S MAJORS ONLY.
 5966010 B MWF 1:10-2:00
 SEC B FOR MAJORS OTHER THAN POL S.

STATE & LOCAL GOVT POL S 310 3 CR.
 PREREQ: 3 CR IN POL S
 5968005 A MWF 1:10-2:00
 SEC A RESTRICTED TO POL S MAJORS ONLY.
 5968010 B MWF 1:10-2:00
 SEC B FOR MAJORS OTHER THAN POL S.

MUNICIP GOVT &POLIT POL S 311 3 CR.
 PREREQ: 215
 5969005 A MW 3:10-4:30
 SEC A RESTRICTED TO POL S MAJORS ONLY.
 5969010 B MW 3:10-4:30
 SEC B FOR MAJORS OTHER THAN POL S.

LAW AND POLITICS POL S 319 3 CR.
 PREREQ: SOPHOMORE STANDING; 215 RECOMMENDED
 CREDIT FOR EITHER POL S 319 OR POL S 230, BUT
 NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
 3865005 A TR 12:40-2:00
 SEC A RESTRICTED TO POL S MAJORS ONLY.
 3865010 B TR 12:40-2:00
 SEC B FOR MAJORS OTHER THAN POL S.

AMER JUDICIAL PROC POL S 320 3 CR.
 PREREQ: 215
 5970005 A TR 2:10-3:30
 SEC A RESTRICTED TO POL S MAJORS ONLY.
 5970010 B TR 2:10-3:30
 SEC B FOR MAJORS OTHER THAN POL S.

PUBLIC POLICY POL S 344 3 CR.
 9243005 A TR 11:00-12:20
 SEC A RESTRICTED TO POL S MAJORS ONLY
 9243010 B TR 11:00-12:20
 SEC B FOR MAJORS OTHER THAN POL S.

EUROPEAN POLITICS POL S 346 3 CR.
 5976005 A MWF 10:00-10:50
 SEC A RESTRICTED TO POL S MAJORS ONLY
 5976010 B MWF 10:00-10:50
 SEC B FOR MAJORS OTHER THAN POL S.

INTRO MIDDLE EAST POL S 350 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7229005 A TR 9:30-10:50
 SEC A RESTRICTED TO POL S MAJORS ONLY
 7229010 B TR 9:30-10:50
 SEC B FOR MAJORS OTHER THAN POL S

PLANT PHYSIOLOGY

PLANT GROWTH&DEVELP P PHY 512 2 CR.
 PREREQ: 320 OR A COURSE IN DEVELOPMENTAL BIOLOGY;
 545 OR B B 404, 405 OR GEN 520
 6803005 MW 10:00-10:50

SEM PLT PHYSL,MOLEC P PHY 696 1 CR.
 3753005 W 4:10-5:00

POLISH

ELEMENTRY POLISH II POLSH 102X 4 CR.
 PREREQ: POLISH 101X
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 2556005 MW 2:10-3:15, ARRANGED

POLITICAL SCIENCE

ORIENTATN POLIT SCI POL S 101 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: POL S AND OPEN OPTION MAJORS ONLY OR
 PERMISSION OF INSTRUCTOR
 COURSE RESTRICTED TO POL S MAJORS ONLY
 3912005 TR 11:00-11:50
 JAN 10-MARCH 4

AMERICAN GOVERNMENT POL S 215 3 CR.
 SEC 1A, 2A, 3A RESTRICTED TO POL S MAJORS ONLY.
 SEC 1B, 2B, 3B FOR MAJORS OTHER THAN POL S.
 5961005 1A MWF 3:10-4:00
 5961010 1B MWF 3:10-4:00
 5961015 2A TR 9:30-10:50
 5961020 2B TR 9:30-10:50

INTRO ETHICS&POLTCS POL S 235 3 CR.
 PREREQ: SOPHOMORE STANDING
 5715005 A MWF 11:00-11:50
 SEC A RESTRICTED TO POL S MAJORS ONLY
 5715010 B MWF 11:00-11:50
 SEC B FOR MAJORS OTHER THAN POL S

INTR CMPAR GOVT&POL POL S 241 3 CR.
 SEC 1A, 2A RESTRICTED TO POL S MAJORS ONLY. SEC
 1B, 2B FOR MAJORS OTHER THAN POL S.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5963005 1A MWF 12:10-1:00
 5963010 1B MWF 12:10-1:00
 5963015 2A TR 11:00-12:20
 5963020 2B TR 11:00-12:20

INTRO INTERNATL POL POL S 251 3 CR.
 SEC 1A, 2A RESTRICTED TO POL S MAJORS ONLY. SEC
 1B, 2B FOR MAJORS OTHER THAN POL S.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 5964005 1A TR 9:30-10:50
 5964010 1B TR 9:30-10:50
 5964015 2A MWF 9:00-9:50
 5964020 2B MWF 9:00-9:50

POLITICAL SCIENCE

POLITICAL SCIENCE

ISSUES FOREIGN PLCY POL S 359 3 CR.
 PREREQ: 215, 251, OR 358
 1006005 A TR 2:10-3:30
 SEC A RESTRICTED TO POL S MAJORS ONLY.
 1006010 B TR 2:10-3:30
 SEC B FOR MAJORS OTHER THAN POL S.

CONGRSS&STATE LEGIS POL S 360 3 CR.
 PREREQ: 215
 5980005 A MWF 1:10-2:00
 SEC A RESTRICTED TO POL S MAJORS ONLY.
 5980010 B MWF 1:10-2:00
 SEC B FOR MAJORS OTHER THAN POL S.

RELIGION & POLITICS POL S 370 3 CR.
 PREREQ: RELIG 105 OR 210 RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3166005 A MW 4:10-5:30
 SEC A RESTRICTED TO POL S MAJORS ONLY.
 3166010 B MW 4:10-5:30
 SEC B FOR MAJORS OTHER THAN POL S.

INTR PUBLIC ADMINIST POL S 371 3 CR.
 PREREQ: 215
 5982005 MW 9:00-10:30

INTRO POLIT ECONOMY POL S 381 3 CR.
 1000005 A MWF 11:00-11:50
 SEC A RESTRICTED TO POL S MAJORS.
 1000010 B MWF 11:00-11:50
 SEC B FOR MAJORS OTHER THAN POL S.

WOMEN IN POLITICS POL S 385 3 CR.
 MEETS U.S. DIVERSITY & INTL PERSPECTIVES REQMT.
 5983005 A MWF 1:10-2:00
 SEC A RESTRICTED TO POL S MAJORS ONLY.
 5983010 B MWF 1:10-2:00
 SEC B FOR MAJORS OTHER THAN POL S

PUB OPINION&VOT BHV POL S 406 3 CR.
 PREREQ: 6 CR IN POL S OR JUNIOR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 9242005 MWF 11:00-11:50

CONSTITUTNL FREEDMS POL S 421 3 CR.
 PREREQ: 320 OR 420
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5989005 TR 9:30-10:50

MODERN POLI THOUGHT POL S 431 3 CR.
 PREREQ: 6 CR IN POL S, PHIL, OR EUROPEAN HIST
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5993005 MWF 2:10-3:00

INT'L ORGANIZATIONS POL S 453 3 CR.
 PREREQ: 251
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6001005 A MWF 2:10-3:00
 SEC A RESTRICTED TO POL S MAJORS ONLY
 6001010 B MWF 2:10-3:00
 SEC B FOR MAJORS OTHER THAN POL S

POL PARTI&INTRST GR POL S 464 3 CR.
 PREREQ: 215; JUNIOR CLASSIFICATION
 6003005 MWF 10:00-10:50

ENVIRN POLIT&POLICI POL S 482 3 CR.
 PREREQ: 3 CR IN POL S OR ENV S; JR CLASSIFICATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6010005 R 6:00-9:00PM

IND STUDY AMER GOVT POL S 490A VAR. CR.
 PREREQ: 6 CREDITS IN POLITICAL SCIENCE
 NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. A MAXIMUM OF 3 CREDITS
 OF POL S 490 MAY BE APPLIED TO MEET ANY OF THE FOUR
 SUBFIELD REQUIREMENTS. ONLY 6 CREDITS OF POL S 490
 AND/OR POL S 499 CAN BE APPLIED TO THE MAJOR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY THRY&METH POL S 490B VAR. CR.
 PREREQ: 6 CREDITS IN POLITICAL SCIENCE
 NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. A MAXIMUM OF 3 CREDITS
 OF POL S 490 MAY BE APPLIED TO MEET ANY OF THE FOUR
 SUBFIELD REQUIREMENTS. ONLY 6 CREDITS OF POL S 490
 AND/OR POL S 499 CAN BE APPLIED TO THE MAJOR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY COMPAR POL POL S 490C VAR. CR.
 PREREQ: 6 CREDITS IN POLITICAL SCIENCE
 NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. A MAXIMUM OF 3 CREDITS
 OF POL S 490 MAY BE APPLIED TO MEET ANY OF THE FOUR
 SUBFIELD REQUIREMENTS. ONLY 6 CREDITS OF POL S 490
 AND/OR POL S 499 CAN BE APPLIED TO THE MAJOR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L RELA POL S 490D VAR. CR.
 PREREQ: 6 CREDITS IN POLITICAL SCIENCE
 NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. A MAXIMUM OF 3 CREDITS
 OF POL S 490 MAY BE APPLIED TO MEET ANY OF THE FOUR
 SUBFIELD REQUIREMENTS. ONLY 6 CREDITS OF POL S 490
 AND/OR POL S 499 CAN BE APPLIED TO THE MAJOR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY EXT CREDIT POL S 490E 1- 2 CR.
 PREREQ: 6 CREDITS IN POLITICAL SCIENCE
 NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. A MAXIMUM OF 3 CREDITS
 OF POL S 490 MAY BE APPLIED TO MEET ANY OF THE FOUR
 SUBFIELD REQUIREMENTS. ONLY 6 CREDITS OF POL S 490
 AND/OR POL S 499 CAN BE APPLIED TO THE MAJOR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

POLITICAL SCIENCE

POLITICAL SCIENCE

IND STUDY CATT CNTR POL S 490G VAR. CR.

PREREQ: 6 CREDITS IN POLITICAL SCIENCE
 NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. A MAXIMUM OF 3 CREDITS
 OF POL S 490 MAY BE APPLIED TO MEET ANY OF THE FOUR
 SUBFIELD REQUIREMENTS. ONLY 6 CREDITS OF POL S 490
 AND/OR POL S 499 CAN BE APPLIED TO THE MAJOR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS POL S 490H VAR. CR.

PREREQ: 6 CR IN POL S, MEMBERSHIP IN HONORS PROG
 NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
 APPLIED TOWARD GRADUATION. A MAXIMUM OF 3 CREDITS
 OF POL S 490 MAY BE APPLIED TO MEET ANY OF THE FOUR
 SUBFIELD REQUIREMENTS. ONLY 6 CREDITS OF POL S 490
 AND/OR POL S 499 CAN BE APPLIED TO THE MAJOR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SENIOR THESIS POL S 491X 3 CR.

PREREQ: 21 CREDITS OF POL S, SENIOR STATUS AND
 PERMISSION OF INSTRUCTOR.
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN POL S 498 R CR.

PREREQ: PERMISSION OF DEPARTMENT COOP EDUCATION
 COORDINATOR; SENIOR CLASSIFICATION
 4568005 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

POL SCI INTERNSHIP POL S 499 VAR. CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: 6 CREDITS IN POL S; JUNIOR OR SENIOR
 CLASSIFICATION; PERMISSION OF INTERNSHIP COORDINATOR
 NO MORE THAN 6 CREDITS OF POL S 490 AND/OR POL S
 499 CAN BE APPLIED TOWARD GRADUATION IN THE MAJOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

DEMOCRATIZATION POL S 526X 3 CR.

3872005 T 6:00-9:00PM MCGLINCHEY E

MODERN POLI THOUGHT POL S 531 3 CR.

PREREQ: 6 CR IN POL S, PHIL, OR EUROPEAN HISTORY
 6025005 MWF 2:10-3:00

CONTEMP POLITC PHIL POL S 535 3 CR.

3790005 W 3:10-5:30

PUBLIC SERVICE PRAC POL S 540X 1 CR.

SATISFACTORY-FAIL ONLY.
 7380005 ARRANGED

AMER POLIT INSTITUT POL S 560 3 CR.

PREREQ: 6 CREDITS IN AMERICAN GOVERNMENT
 6031005 MW 11:00-12:30

ENVIR POLIT&POLICIE POL S 582 3 CR.

PREREQ: 3 CR IN POL S OR ENV S; GRAD CLASSIFICATN
 6814005 R 6:00-9:00PM

SP TOP POLIT INSTIT POL S 590A 2- 5 CR.

PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PUBLIC LAW POL S 590B 2- 5 CR.

PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP POLIT THEORY POL S 590C 2- 5 CR.

PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP COMPAR GOVT POL S 590D 2- 5 CR.

PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INT'L RELAT POL S 590E 2- 5 CR.

PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POL PARTIES POL S 590F 2- 5 CR.

PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PUB POL&ADM POL S 590G 2- 5 CR.

PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP INTERNSHIP POL S 590I 2- 5 CR.

PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TEACHG PREP POL S 590T 2- 5 CR.

PREREQ: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6050005 ARRANGED

PUBLIC ADMIN INTERN POL S 598 3- 6 CR.

PREREQ: 15 CREDITS IN POL S, INSTRUCTR PERMISSION
 4540013 CT ARRANGED COATES P

PRODUCTION/OPERATIONS MANAGEMENT

POLITICAL SCIENCE

CREATIVE COMPONENT POL S 599 VAR. CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM INT'L RELATIONS POL S 610E 3 CR.
 PREREQ: 15 CREDITS IN POLITICAL SCIENCE
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6057005 M 6:00-9:00PM MCCORMICK J
 JAN 10-MARCH 4

RESEARCH POL S 699 VAR. CR.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

DEMAND PLANNING&MGT POM 485X 3 CR.
 PREREQ: POM 320 AND TRLOG 360
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 8228005 A TR 2:10-3:30
 8228010 B MW 2:10-3:30

PRIN PRCHS&SPLY MGM POM 486X 3 CR.
 PREREQ: POM 320 AND TRLOG 360
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4832005 A TR 3:40-5:00

STRTGC SPLY CHN MGT POM 487X 3 CR.
 PREREQ: POM/TRLOG 485X AND TRLOG 463; POM 422 OR
 TRLOG 460
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5274005 A MW 2:10-3:30

INDEPENDENT STUDY POM 490 1- 3 CR.
 PREREQ: 320, SENIOR CLASSIFICATION, PERMISSION
 OF INSTRUCTOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

STRTEGIC DMAND PLAN POM 585X 3 CR.
 PREREQ: 502
 8250005 A T 6:00-9:30PM
 SECT A:JAN 18-MARCH 12

SPECIAL TOPICS POM 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY

INTRO TO PSYCHOLOGY PSYCH 101 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 6069005 A TR 8:00-9:20
 6069010 B TR 9:30-10:50
 6069015 C TR 11:00-12:20

LAB INTRODUC PSYCH PSYCH 102 1 CR.
 PREREQ: CR OR ENROLLMENT IN 101
 COURSE RESTRICTED TO PSYCH MAJORS ONLY
 4786005 A T 1:10-2:50
 4786010 B W 8:00-9:40
 4786015 C T 3:10-4:50

ORIENTATN TO PSYCH PSYCH 111 R CR.
 SATISFACTORY-FAIL ONLY.
 6068005 W 3:10-4:00

ACAD LEARNNG SKILLS PSYCH 131 1 CR.
 SATISFACTORY-FAIL ONLY.
 6071005 A MW 9:00-9:50
 6071010 B MW 10:00-10:50
 6071015 C MW 11:00-11:50
 6071020 D MW 12:10-1:00
 6071025 E MW 1:10-2:00
 6071030 F MW 2:10-3:00
 6071035 G TR 9:00-9:50
 6071040 H TR 10:00-10:50
 6071045 J TR 11:00-11:50

PRODUCTION/OPERATIONS MANAGEMENT

PROD/OPERATIONS MGT POM 320 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 PREREQ: STAT 226
 SECTIONS A1,B1 RESTRICTED TO ACCT, BUS S, BUS U,
 FIN, I BUS, MGMT, MIS, MKT, POM, TRLOG MAJORS ONLY.
 SECTIONS A2,B2 FOR COLLEGES OTHER THAN BUSINESS.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 5279005 A1 TR 8:00-9:20
 5279010 A2 TR 8:00-9:20
 5279015 B1 TR 9:30-10:50
 5279020 B2 TR 9:30-10:50

MFG PLANNING&CONTRL POM 422 3 CR.
 PREREQ: 320
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6818005 A TR 8:00-9:20

PSYCHOLOGY

PSYCHOLOGY

ACAD LEARNG SKILLS PSYCH 131 1 CR.
 6071050 K TR 12:10-1:00
 6071055 L TR 1:10-2:00
 6071060 M TR 2:10-3:00

EXPLOR PSYCH AT ISU PSYCH 201 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PSYCHOLOGY MAJOR
 COURSE RESTRICTED TO PSYCH MAJORS ONLY
 3566005 W 11:00-11:50

DEVELOPMENTAL PSYCH PSYCH 230 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 6072005 A TR 12:40-2:00
 6072010 B TR 2:10-3:30

SOCIAL PSYCHOLOGY PSYCH 280 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 6075005 A MWF 10:00-10:50
 6075010 B MWF 12:10-1:00

RES DSGN & METHODOL PSYCH 301 3 CR.
 PREREQ: STAT 101; 1 COURSE IN PSYCHOLOGY
 COURSE RESTRICTED TO PSYCH MAJORS ONLY
 6076005 A MWF 10:00-10:50

RESRCH METHODS PSYC PSYCH 302 3 CR.
 PREREQ: 301
 COURSE RESTRICTED TO PSYCH MAJORS ONLY
 1173005 A MW 10:00-11:50
 1173010 B TR 11:00-1:00
 1173015 C TR 12:10-2:00
 1173020 D MW 2:10-4:00

BRAIN & BEHAVIOR PSYCH 310 3 CR.
 PREREQ: 101; BIOL 109 OR 201 OR ZOOLOG 155
 1515005 A1 MWF 9:00-9:50
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 1515010 A2 MWF 9:00-9:50
 SECTION A2 FOR MAJORS OTHER THAN PSYCH

SENSATION & PERCEPTN PSYCH 312 3 CR.
 PREREQ: 101
 6079005 A1 M 6:00-8:30PM
 SEC A1 FOR PSYCH MAJORS ONLY
 6079010 A2 M 6:00-8:30PM
 SEC A2 FOR MAJORS OTHER THAN PSYCH

LEARNING & MEMORY PSYCH 313 3 CR.
 PREREQ: 101
 6080005 A1 TR 8:00-9:20
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 6080010 A2 TR 8:00-9:20
 SECTION A2 FOR MAJORS OTHER THAN PSYCH

MOTIVATION PSYCH 314 3 CR.
 PREREQ: 101
 6081005 A1 MWF 1:10-2:00
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 6081010 A2 MWF 1:10-2:00
 SECTION A2 FOR MAJORS OTHER THAN PSYCH

DRUGS & BEHAVIOR PSYCH 315 3 CR.
 PREREQ: 101; BIOL 109 OR 201 OR ZOOLOG 155
 6082005 A1 TR 12:40-2:00
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 6082010 A2 TR 12:40-2:00
 SECTION A2 FOR MAJORS OTHER THAN PSYCH

COGNITIVE PROCESSES PSYCH 316 3 CR.
 PREREQ: 101
 6083005 A1 TR 9:30-10:45
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 6083010 A2 TR 9:30-10:45
 SECTION A2 FOR MAJORS OTHER THAN PSYCH

EDUCATIONAL PSYCHOL PSYCH 333 3 CR.
 PREREQ: C I 201, PSYCH 230 OR HD FS 102, APPLIC
 TO THE TEACHER EDUC PROGRAM OR MAJOR IN PSYCHOLOGY
 COURSE RESTRICTED TO PSYCH, SEC ED MAJORS
 4361005 TR 2:10-3:30

PSYCH OF RELIGION PSYCH 348X 3 CR.
 2604005 A1 TR 9:30-10:45
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 2604010 A2 TR 9:30-10:45
 SECTION A2 FOR MAJORS OTHER THAN PSYCH

NORMAL PERSONALITY PSYCH 360 3 CR.
 PREREQ: 101
 6087005 A1 TR 3:40-5:00
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 6087010 A2 TR 3:40-5:00
 SECTION A2 FOR MAJORS OTHER THAN PSYCH

SMALL GROUP BEHAVR PSYCH 381 3 CR.
 PREREQ: 280 OR SOC 305
 6088005 A TR 3:40-5:00

PSYCH MEASUREMENT I PSYCH 440 3 CR.
 PREREQ: 301 AND 9 CR IN PSYCH, STAT 101
 COURSE RESTRICTED TO PSYCH MAJORS ONLY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6099005 MW 12:10-2:00

ABNORMAL PSYCHOLOGY PSYCH 460 3 CR.
 PREREQ: 3 COURSES IN PSYCH INCLUDING 101
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6102005 A1 MWF 11:00-11:50
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 6102010 A2 MWF 11:00-11:50
 SECTION A2 FOR MAJORS OTHER THAN PSYCH

CLOSE RELATIONSHIPS PSYCH 484 3 CR.
 PREREQ: 9 CR IN PSYCH INCLUDING 280
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5693005 A1 TR 3:40-5:00
 SECTION A1 RESTRICTED TO PSYCH MAJORS
 ONLY
 5693010 A2 TR 3:40-5:00
 SECTION A2 FOR MAJORS OTHER THAN PSYCH

INDEPENDENT STUDY PSYCH 490 1- 3 CR.
 PREREQ: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSN
 NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

PSYCHOLOGY**PSYCHOLOGY**

INDEP STUDY HONORS PSYCH 490H 1- 3 CR.
 PREREQ: JR CLASSIFCATN, 6 CR IN PSYCH, INSTRUCTOR
 PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM
 NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH PRACTICUM PSYCH 491 VAR. CR.
 PREREQ: JR CLASSIFICATION, INSTR PERMISSION,
 CREDIT OR ENROLLMENT IN 301
 NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

FIELDWORK PRACTICUM PSYCH 492 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: JR CLASSIFICATION, 12 CR IN PSYCH,
 PERMISSION OF INSTRUCTOR
 NO MORE THAN 9 CREDITS OF PSYCH 492 MAY BE
 APPLIED TOWARD A DEGREE IN PSYCHOLOGY
 ***** SEE DEPT FOR REFERENCE NUMBERS

RES METH APPL PSYCH PSYCH 508 3 CR.
 PREREQ: 440, STAT 401
 6110005 M 12:10-3:00

COGNITIVE NEUROPSYC PSYCH 519 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 4106005 W 5:10-7:40PM

ADV DEVLPMNTL PSYCH PSYCH 530X 3 CR.
 PREREQ: 230, 301, 302 AND STAT 401 OR GRADUATE
 CLASSIFICATION
 5284005 TR 2:10-3:30

EDUC PSYCH LEARNING PSYCH 533 3 CR.
 PREREQ: C I 333 OR TEACHER LICENSURE
 6118005 MW 4:30-6:00PM

PSYCHOPHTL&BEH DEVI PSYCH 561 3 CR.
 PREREQ: 460
 6129005 TR 11:00-12:20

SOCIAL PSY THRY APP PSYCH 581 3 CR.
 PREREQ: 12 CREDITS IN PSYCH, INCLUDING 280
 6132005 TR 8:00-9:20

RESRCH METH SOC PSY PSYCH 586 3 CR.
 PREREQ: STAT 402 AND PERMISSION OF INSTRUCTOR
 1942005 W 2:10-5:00

SPCL TOP COUNSELING PSYCH 590A VAR. CR.
 PREREQ: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC COGNITIVE PSYCH 590Q VAR. CR.
 PREREQ: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECL TOPICS SOCIAL PSYCH 590R VAR. CR.
 PREREQ: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GENERAL PSYCH 590Z VAR. CR.
 PREREQ: 12 HOURS IN PSYCH, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR COUNSELING PSYCH 592A 1- 3 CR.
 PREREQ: 12 HOURS IN PSYCHOLOGY
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 7324005 A M 12:10-3:00
 7324010 B R 12:40-3:00

SEM PRO ISSU& ETHCS PSYCH 592M 1- 3 CR.
 PREREQ: 12 HOURS IN PSYCHOLOGY
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 7326005 R 2:10-5:00

INTERNSHIP IN PSYCH PSYCH 597 R CR.
 PREREQ: M.S. DEGREE CANDIDACY; PERMISSION OF
 INSTRUCTOR
 7659005 ARRANGED

CREATIVE COMPONENT PSYCH 599 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEACHING OF PSYCH PSYCH 633 3 CR.
 PREREQ: ENROLLMENT IN DEGREE PROGRAM IN
 PSYCH, COMPLETION OF AT LEAST ONE YEAR OF GRAD
 STUDY, PERMISSION OF INSTRUCTOR
 6156005 TR 3:40-5:00

INTERV CHILD&ADOLEPS PSYCH 635 3 CR.
 PREREQ: GRADUATE CLASSIFICATION AND
 PERMISSION OF INSTRUCTOR
 3599005 TR 9:30-10:50

PRACTICM COUNSELING PSYCH 691A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 6159005 ARRANGED

PRACT GROUP COUNSEL PSYCH 691E VAR. CR.
 PREREQ: 626, 691A, INSTRUCTOR PERMISSION
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACT ADV COUNSELNG PSYCH 691F VAR. CR.
 PREREQ: 691A, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRACTICUM TEACHING PSYCH 691T VAR. CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 633, PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH SEMNR COGNITV PSYCH 692Q 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 2 CREDIT SPRING 2005
 7667029 DP ARRANGED PARKHURST D

RESRCH SEMNR SOCIAL PSYCH 692R 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 COURSE ONLY OFFERED FOR 3 CREDITS SPRING 2005
 9085005 ARRANGED

RELIGIOUS STUDIES

PSYCHOLOGY

INTERN COUNSELING PSYCH 697 R CR.
 PREREQ: PH.D. CANDIDACY IN THE COUNSELING PSYCH
 PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN
 6182005 ARRANGED

RESEARCH PSYCH 699 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEORY&METHD R STDI RELIG 385 3 CR.
 PREREQ: 105
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6259005 W 6:00-8:30PM BADO-FRALICK N

SEM:ISS STUDY RELIG RELIG 475 3 CR.
 PREREQ: 6 CREDITS IN RELIGIOUS STUDIES
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6204005 M 4:10-6:30PM SAWYER M

INDEPENDENT STUDY RELIG 490 1- 3 CR.
 PREREQ: 6 CR IN RELIGIOUS STUDIES, PERMISSION
 OF INSTRUCTOR, APPROVAL OF PROF IN CHARGE OF PROGRAM
 NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS RELIG 490H 1- 3 CR.
 PREREQ: 6 CR IN RELIG, PERMISSION OF INSTRUCTOR,
 APPROVAL OF PROFESSOR IN CHARGE OF PROGRAM,
 MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
 NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
 APPLIED TOWARD GRADUATION
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

PEACE&JUSTIC INTERN RELIG 499 1- 6 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 3 CREDITS IN RELIGIOUS STUDIES,
 PERMISSION OF FACULTY INTERNSHIP COORDINATOR
 7740005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

SPL TOP RELIG STUDI RELIG 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR, 9 CR IN RELIG
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3617005 ARRANGED

RESEARCH & EVALUATION

EDUCATNAL RESEARCH RESEV 550 3 CR.
 PREREQ: GRADUATE CLASSIFICATION
 6211005 1 M 5:30-8:30PM PAYNE C
 SECTION 1 RESTRICTED TO GRADUATE

STUDENTS ONLY
 6211010 2 T 9:00-11:50 HUBA M
 SEC 2 RESTRICTED TO GRAD STUDENTS IN THE
 EDUCATION COLLEGE. OTHER STUDENTS

MUST CONTACT
 6211015 3 T 5:30-9:30PM MARSHALL J
 S 9:00-1:00
 SECT 3:JAN 11-FEB 26
 SECTION 3 RESTRICTED TO GRADUATE

STUDENTS IN THE
 EDUCATION COLLEGE. MEETING DATES- JAN
 11,18,25,
 FEB 1,8,15,22, AND MARCH 1. SAT.-JAN
 29, FEB 12,26

RELIGIOUS STUDIES

INTRO WRLD RELIGION RELIG 105 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6187005 A TR 11:00-12:15 KITTS M
 6187010 B MWF 12:10-1:00 NORTHWAY E
 6187015 C TR 9:40-10:50 SANFORD A
 SEC C RESTRICTED TO FRESHMEN &
 SOPHOMORES ONLY.

RELIGION IN AMERICA RELIG 210 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 6188005 A TR 9:30-10:50 SAWYER M
 SEC A RESTRICTED TO FRESHMEN &
 SOPHOMORES ONLY.
 6188010 B TR 11:00-12:20 SAWYER M
 6188015 C MWF 10:00-10:50 NORTHWAY E
 6188020 D MWF 2:10-3:00

CHRISTIAN THEOLOGY RELIG 240X 3 CR.
 2747005 TR 2:10-3:30 HUNTER D

HIST CHRISTIANITY RELIG 242 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6247005 TR 11:00-12:20 HUNTER D

AMER INDIAN RELIGNS RELIG 328 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7207005 MWF 10:00-10:50 GROSS L

MAGIC,WITHC,&RELIG RELIG 340 3 CR.
 PREREQ: ANTHR 201 OR 306
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6198005 TR 9:30-10:50 ILAHIANE H

ISLAMIC CIVILIZATN RELIG 354 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1904005 MW 4:10-5:30 BAUM R

RELIGION & POLITICS RELIG 370 3 CR.
 PREREQ: 105 OR 210 RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3165005 A MW 4:10-5:30
 SEC A RESTRICTED TO POL S MAJORS ONLY.
 3165010 B MW 4:10-5:30
 SEC B FOR MAJORS OTHER THAN POL S.

RELIGN&AG SUSTAINBL RELIG 372X 3 CR.
 COURSE IS RESTRICTED TO FRESHMAN & SOPHOMORES
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7360005 TR 2:10-3:30 SANFORD A

RESEARCH & EVALUATION

INTMED EDUC STATIST RESEV 553 3 CR.
 PREREQ: 552
 COURSE RESTRICTED TO EDUC MAJORS OTHER STUDENTS
 MUST CONTACT DEPARTMENT AT 294-1241.
 7684005 W 6:00-9:00PM SHELLEY M

QUALITVE RSRCH METH RESEV 580 3 CR.
 PREREQ: 550
 COURSE RESTRICTED TO GRADUATE STUDENTS IN THE
 EDUCATION COLLEGE. OTHER STUDENTS MUST CONTACT
 THE DEPARTMENT AT 294-1241.
 4059005 1 W 6:00-9:00PM KILGORE D
 4059010 2 T 6:00-9:00PM HAMRICK F

SPECIAL TOPICS RESEV 590 1- 3 CR.
 PREREQ: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

PROGRAM ASSESS&EVAL RESEV 597 3 CR.
 PREREQ: 550
 FOR HG ED STUDENTS - OTHERS BY INSTRUCTOR
 PERMISSION ONLY
 6218005 1 T 5:30-8:30PM HUBA M
 6218010 2 M 6:00-9:00PM CYCHOSZ C

CRIT ISS INTERP MTH RESEV 680 3 CR.
 PREREQ: 580
 4564005 W 6:00-9:00PM BLOOM L

ADV SPECIAL TOPICS RESEV 690 1- 3 CR.
 PREREQ: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RESEV 699 VAR. CR.
 PREREQ: GRADUATE STANDING
 ***** SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN

READG LIT&CULTR TXT RUS 314 3 CR.
 PREREQ: 301
 6161005 1 TR 12:40-2:00

RUSSIAN CIVILIZA II RUS 322 3 CR.
 4572005 1 TR 2:10-3:00
 TOPIC: RUSSIAN CIVILIZATION II: "RUSSIA
 TODAY"

TOPCS RUS,E EUR STD RUS 376 3 CR.
 6162005 1 ARRANGED
 TOPIC: POLITICS OF ETHNIC CLEANSING
 6162010 2 ARRANGED
 TOPIC: THE RUSSIAN/CZECH AVANT-GARDE

INDEPENDENT STUDY RUS 490 1- 6 CR.
 PREREQ: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHAIR
 NO MORE THAN 9 CREDITS IN RUS 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

RUSSIAN

RUSSIAN INTERNSHIP RUS 499 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL;
 PERMISSION OF ADVISER AND FOREIGN LANGUAGE AND
 LITERATURE INTERNSHIP COORDINATOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SERBO-CROATIAN

ELEM SERBO-CROAT II SERBC 102X 4 CR.
 PREREQ: 101X OR PERMISSION OF INSTRUCTOR
 INSTRUCTION RECEIVED VIA ELECTRONIC TECHNOLOGY,
 PLUS EXTENSIVE USE OF DIGITAL MATERIALS/INTERNET.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 7765005 MWF 11:00-11:50
 ARRANGED

SOCIOLOGY

SOCIOLOGY ORIENTATN SOC 115 R CR.
 SATISFACTORY-FAIL ONLY.
 6345005 A MW 9:00-9:50
 SECT A:JAN 10-MARCH 4

RURAL INSTIT&ORGANZ SOC 130 3 CR.
 CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 6319005 1 TR 9:30-10:50

INTRO TO SOCIOLOGY SOC 134 3 CR.
 NIGHT EXAMINATIONS SCHEDULED.
 CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 6346005 1 TR 10:00-10:50
 W 11:00-11:50
 6346010 2 TR 10:00-10:50
 W 1:10-2:00
 6346015 3 TR 10:00-10:50
 W 8:00-8:50
 6346020 4 TR 10:00-10:50
 M 1:10-2:00
 6346025 5 TR 10:00-10:50
 W 12:10-1:00
 6346030 6 TR 10:00-10:50
 F 3:10-4:00
 6346035 7 TR 10:00-10:50
 F 9:00-9:50
 6346040 8 TR 10:00-10:50
 F 11:00-11:50
 6346045 9 TR 10:00-10:50
 R 4:10-5:00
 6346050 10 TR 10:00-10:50
 F 8:00-8:50
 6346055 11 TR 10:00-10:50
 F 2:10-3:00
 6346060 12 TR 10:00-10:50
 F 12:10-1:00
 6346065 13 TR 10:00-10:50
 R 8:00-8:50
 6346070 14 TR 10:00-10:50
 T 4:10-5:00
 6346075 15 TR 10:00-10:50
 M 8:00-8:50
 6346080 16 MWF 10:00-10:50

SOCIOLOGY

SOCIOLOGY

INTRO TO SOCIOLOGY SOC 134 3 CR.
6346085 17 MWF 11:00-11:50

INTR RESEARCH METHD SOC 202 3 CR.
PREREQ: 130 OR 134, CR OR ENROLLMENT IN STAT 101
4735005 A1 TR 11:00-12:20
SECTION A1 RESTRICTED TO SOC, P S A

MAJORS ONLY
4735010 A2 TR 11:00-12:20
SECTION A2 FOR MAJORS OTHER THAN SOC, P S A

INTIMATE RELATNSHIP SOC 219 3 CR.
PREREQ: 130 OR 134
6349005 A TR 12:40-2:00
6349010 B TR 9:30-10:50

SOCIAL PROBLEMS SOC 235 3 CR.
PREREQ: 130 OR 134
MEETS U.S. DIVERSITY REQMT.
6347005 1 MWF 2:10-3:00

SMALL GROUP DYNAMCS SOC 264 3 CR.
PREREQ: 130 OR 134
6351005 A TR 12:40-2:00

ADV RESEARCH METHDS SOC 302 3 CR.
PREREQ: 202; STAT 101
COURSE RESTRICTED TO SOC & P S A MAJORS.
6354005 A TR 9:30-10:50
6354010 B TR 11:00-12:20

SOC PSYCH:SOC PERSP SOC 305 3 CR.
PREREQ: 130 OR 134
SECTIONS A1,B1,C1 RESTRICTED TO SOC, P S A
MAJORS ONLY. SECTIONS A2,B2,C2 FOR ALL OTHER MAJORS.
6355005 A1 MWF 10:00-10:50
6355010 A2 MWF 10:00-10:50
6355015 B1 TR 2:10-3:30
6355020 B2 TR 2:10-3:30
6355025 C1 TR 3:40-5:00
6355030 C2 TR 3:40-5:00

COMMUNITY SOC 310 3 CR.
PREREQ: 130 OR 134
6321005 A MWF 9:00-9:50

AGRI IN TRANSITION SOC 325 3 CR.
6322005 A TR 11:00-12:20

SEX&GENDER IN SOCIE SOC 327 3 CR.
PREREQ: 130, 134, OR W S 201
SEC A1,B1,C1 RESTRICTED TO SOC, P S A, W S.
SEC A2,B2,C2 FOR MAJORS OTHER THAN SOC, P S A, W S.
MEETS U.S. DIVERSITY REQMT.
6356005 A1 MWF 11:00-11:50
6356010 A2 MWF 11:00-11:50
6356015 B1 M 6:00-9:00PM
6356020 B2 M 6:00-9:00PM
6356025 C1 MWF 1:10-2:00
6356030 C2 MWF 1:10-2:00

MASCULIN & MANHOOD SOC 328 3 CR.
PREREQ: 130, 134, OR W S 201
MEETS U.S. DIVERSITY REQMT.
2242005 A1 TR 11:00-12:20
SECTION A1 RESTRICTED TO SOC AND W S

MAJORS ONLY
2242010 A2 TR 11:00-12:20
SEC A2 RESTRICTED TO MAJORS OTHER THAN SOC & W S

ETHNIC&RACE RELATNS SOC 330 3 CR.
PREREQ: 130 OR 134
SEC A1,B1 RESTRICTED TO SOC, P S A MAJORS ONLY.
SEC A2,B2 FOR MAJORS OTHER THAN SOC, P S A
MEETS U.S. DIVERSITY REQMT.
6352005 A1 MWF 1:10-2:00
6352010 A2 MWF 1:10-2:00
6352015 B1 TR 12:40-2:00
6352020 B2 TR 12:40-2:00

SOC CLASS & INEQUAL SOC 331 3 CR.
PREREQ: 130 OR 134
SEC A1,B1 RESTRICTED TO SOC, P S A MAJORS ONLY
SEC A2,B2 FOR MAJORS OTHER THAN SOC, P S A.
MEETS U.S. DIVERSITY REQMT.
6357005 A1 MWF 3:10-4:00
6357010 A2 MWF 3:10-4:00
6357015 B1 TR 2:10-3:30
6357020 B2 TR 2:10-3:30

LATINO EXP IN U.S. SOC 332 3 CR.
PREREQ: 130 OR 134
MEETS U.S. DIVERSITY REQMT.
1669005 A MWF 11:00-11:50

DEVIANT &CRIM BEHAV SOC 340 3 CR.
PREREQ: 130 OR 134
6358005 A M 6:00-9:00PM

CRIMINOLOGY SOC 341 3 CR.
PREREQ: 130 OR 134
4718005 A MWF 9:00-9:50

SOCIOLOGY OF WORK SOC 380 3 CR.
PREREQ: 130 OR 134
SECT A1,B1 RESTRICTED TO SOC MAJORS. SECT A2,B2 FOR MAJORS OTHER THAN SOC.
6362005 A1 TR 11:00-12:20
6362010 A2 TR 11:00-12:20
6362015 B1 TR 12:40-2:00
6362020 B2 TR 12:40-2:00

SMALL GROUP BEHAVR SOC 381 3 CR.
PREREQ: SOC 305 OR PSYCH 280
6363005 A TR 3:40-5:00

ENVIRONMENTL SOCIOL SOC 382 3 CR.
PREREQ: 130, 134, OR ENV S 201
7713005 A1 TR 8:00-9:20
SECTION A1 RESTRICTED TO SOC, P S A

MAJORS ONLY
7713010 A2 TR 8:00-9:20
SECTION A2 FOR MAJORS OTHER THAN SOC, P S A

SOCIOLOGY

SOCIOLOGY

CONTEM SOC THEORIES SOC 401 3 CR.

PREREQ: 9 CREDITS IN SOC
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6365005 A MWF 1:10-2:00
6365010 B TR 11:00-12:20

SOC CHNGE DEV CNTRI SOC 411 3 CR.

PREREQ: 130 OR 134 PLUS 3 CR IN SOC SCIENCES
MEETS INTERNATIONAL PERSPECTIVES REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6323005 A W 6:00-9:00PM

FIELD OBSERV & PRAC SOC 454A 1-12 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: JR/SR CLASSIFICATION; PERMISSION OF
FACULTY INTERNSHIP COORDINATOR; MAJOR OR MINOR IN
SOCIOLOGY OR PSA OR 201, 302, 305
NOT MORE THAN 12 CREDITS OF FIELD EXPERIENCE
(SOC 454 & 460) MAY BE APPLIED TOWARD MEETING THE
REQUIRED 45 CREDITS OF UPPER LEVEL COURSES AND THE
THE TOTAL OF 124.5 CREDITS REQUIRED FOR GRADUATION.
NO CREDITS IN SOC 454 MAY BE USED TO SATISFY MINIMUM
SOCIOLOGY REQUIREMENTS FOR THE SOCIOLOGY MAJOR.
***** SEE DEPT FOR REFERENCE NUMBERS

FIELD OBSERV--RURAL SOC 454B 1-12 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: JR/SR CLASSIFICATION; PERMISSION OF
FACULTY INTERNSHIP COORDINATOR; MAJOR OR MINOR IN
SOCIOLOGY OR PSA OR 201, 302, 305
NOT MORE THAN 12 CREDITS OF FIELD EXPERIENCE
(SOC 454 & 460) MAY BE APPLIED TOWARD MEETING THE
REQUIRED 45 CREDITS OF UPPER LEVEL COURSES AND THE
THE TOTAL OF 124.5 CREDITS REQUIRED FOR GRADUATION.
NO CREDITS IN SOC 454 MAY BE USED TO SATISFY MINIMUM
SOCIOLOGY REQUIREMENTS FOR THE SOCIOLOGY MAJOR.
***** SEE DEPT FOR REFERENCE NUMBERS

CRIM & JUV JUST PRAC SOC 460 3-12 CR.

SATISFACTORY-FAIL ONLY.
PREREQ: JR/SR CLASSIFICATN; PERMISSN OF THE CJ ST
COORDINATOR; MAJOR OR MINOR IN SOC, OR CJ ST MINOR
NOT MORE THAN 12 CREDITS OF FIELD EXPERIENCE
(SOC 454 & 460) MAY BE APPLIED TOWARD MEETING THE
REQUIRED 45 CREDITS OF UPPER LEVEL COURSES AND THE
THE TOTAL OF 124.5 CREDITS REQUIRED FOR GRADUATION.
NO CREDITS IN SOC 460 MAY BE USED TO SATISFY MINIMUM
SOCIOLOGY REQUIREMENTS FOR THE SOCIOLOGY MAJOR.
6370005 ARRANGED

COMM ACTION & LDRSHP SOC 464 3 CR.

PREREQ: 6 CREDITS IN SOC
6327005 A MWF 11:00-11:50

SOC OF THE FAMILY SOC 485 3 CR.

PREREQ: 6 CREDITS IN SOC
6375005 A TR 9:30-10:50

INDEP STUDY GEN SOC SOC 490A 1- 3 CR.

PREREQ: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR
STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
9 CREDITS OF SOC 490 TOWARD GRADUATION.
***** SEE DEPT FOR REFERENCE NUMBERS

IND STUDY RURAL SOC SOC 490B 1- 3 CR.

PREREQ: 6 CR IN SOC AND INSTRUCTOR PERMISSION
STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
9 CREDITS OF SOC 490 TOWARD GRADUATION.
***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS SOC 490H 1- 3 CR.

PREREQ: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR,
MEMBERSHIP IN UNIV HONORS PROGRAM
STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
9 CREDITS OF SOC 490 TOWARD GRADUATION.
***** SEE DEPT FOR REFERENCE NUMBERS

INTERMED RES METHDS SOC 511 3 CR.

PREREQ: 302, STAT 401
6379005 A1 TR 2:10-3:30
SECTION A1 FOR SOC MAJORS ONLY
6379010 A2 MWF 2:10-3:00
SECTION A2 FOR MAJORS OTHER THAN SOC

ATT&ATTITUDE CHANGE SOC 522 3 CR.

PREREQ: 305 OR PSYCH 280
6385005 A MW 2:10-3:30

RACIAL& ETHNC INEQU SOC 529 3 CR.

PREREQ: 6 CREDITS IN SOC
6388005 A S 8:30-5:00 FLORA C

URBAN SOCIOLOGY SOC 535 3 CR.

PREREQ: 6 CREDITS IN SOCIAL SCIENCES
6391005 A T 6:00-9:00PM

POLITICAL SOCIOLOGY SOC 566 3 CR.

PREREQ: 6 CREDITS IN SOC AND/OR POL S
6398005 A W 5:10-8:00PM

ISSU CRIME & JUSTICE SOC 584 3 CR.

PREREQ: 6 CREDITS IN SOC
5306005 A M 6:00-9:00PM

SPL TOPICS GEN SOC SOC 590A 1- 3 CR.

PREREQ: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP RURAL SOC SOC 590B 1- 3 CR.

PREREQ: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
***** SEE DEPT FOR REFERENCE NUMBERS

MASTERS RES GEN SOC SOC 599A VAR. CR.

***** SEE DEPT FOR REFERENCE NUMBERS

MASTERS RES RURAL SOC 599B VAR. CR.

***** SEE DEPT FOR REFERENCE NUMBERS

SPANISH

SOCIOLOGY

CONTEMP SOC THEORY SOC 607 3 CR.
 PREREQ: 6 GRAD CREDITS IN SOC
 6413005 A1 MW 3:40-5:00
 SECTION A1 FOR SOC MAJORS ONLY
 6413010 A2 MW 3:40-5:00
 SECTION A2 FOR MAJORS OTHER THAN SOC

SOC&TCH SUS FOOD SY SOC 610 3 CR.
 PREREQ: 509
 COURSE RESTRICTED TO GRADUATE STUDENTS ONLY
 7637005 TR 9:30-10:50

RESEARCH GENERL SOC SOC 699A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH RURAL SOC SOC 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

CONVERSATN FOR PROS SPAN 303B 3 CR.
 PREREQ: 202 OR 4 YEARS OF HIGH SCHOOL SPANISH
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 6160005 1 TR 11:00-12:20

SPAN FOR BUSINS&PRO SPAN 304 3 CR.
 PREREQ: 301
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6482005 1 TR 9:30-10:50 LADNER E

INTRO READ HISPANIC SPAN 314 3 CR.
 PREREQ: 301, 320 OR 326
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8894005 1 TR 5:10-6:30PM
 8894010 2 MWF 10:00-10:50

HONORS INT RDG HISP SPAN 314H 4 CR.
 PREREQ: 301, 320 OR 326 OR 4 YRS OF HS SPANISH
 MEMBERSHIP IN UNIV HONORS PROGRAM
 7031005 MWF 10:00-10:50
 ARRANGED

SPANISH

ELEM SPANISH II SPAN 102 4 CR.
 PREREQ: 101 OR 97
 STUDENTS WHO HAVE COMPLETED 3 OR MORE YRS OF HIGH
 SCHOOL SPAN MAY NOT ENROLL IN 102. ONLY ONE OF
 SPAN 110, SPAN 160, OR THE SPAN 101-102 SEQUENCE
 MAY BE APPLIED TOWARD GRADUATION.
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6474005 1 MTWRF 9:00-9:50
 6474010 2 MTWRF 10:00-10:50
 6474015 3 MTWRF 11:00-11:50
 6474020 4 MTWRF 12:10-1:00
 6474045 5 MTWRF 1:10-2:00
 6474055 6 MTWRF 2:10-3:00
 6474065 7 MTWRF 3:10-4:00

INTERMED SPANISH II SPAN 202 4 CR.
 PREREQ: 201
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6478005 1 MTWRF 9:00-9:50
 6478010 2 MTWRF 10:00-10:50
 6478015 3 MTWRF 11:00-11:50
 6478020 4 MTWRF 12:10-1:00
 6478025 5 MTWRF 1:10-2:00 LADNER E
 6478030 6 MTWRF 2:10-3:00 LADNER E
 6478035 7 MTWRF 3:10-4:00

SPAN-AMER CIVILIZAT SPAN 322 3 CR.
 PREREQ: 301, 303, 320 OR 326
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6484005 1 MWF 2:10-3:00

SPANI LIT 1700-PRES SPAN 331 3 CR.
 PREREQ: 314
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6486005 A TR 2:10-3:25

SURVY SPAN AMER LIT SPAN 332 3 CR.
 PREREQ: 314
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6487005 1 MWF 10:00-10:50

INTR SPANSH PHONOLG SPAN 352 3 CR.
 PREREQ: 301, 303, OR 304
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3382005 1 TR 11:00-12:20

H TOPCS - ENG TRANS SPAN 370 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 TOPIC: LATIN AMERICAN FANTASTIC LITERATURE
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6488005 1 TR 11:00-12:20

GRAMMAR & COMPOSITN SPAN 301 3 CR.
 PREREQ: 202 OR 4 YEARS HIGH SCHOOL SPANISH
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 6479005 1 MWF 11:00-11:50
 6479010 2 MWF 1:10-2:00
 6479015 3 TR 9:30-10:50

SPN LIT 18/19TH CEN SPAN 442 3 CR.
 PREREQ: 330 OR 331
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6493005 1 W 4:10-7:00PM

CONVERS THRU CULTUR SPAN 303A 3 CR.
 PREREQ: 202 OR 4 YEARS OF HIGH SCHOOL SPANISH
 MATERIALS AND EQUIPMENT USE FEE \$20.00
 6142005 1 MWF 1:10-2:00
 6142010 2 MWF 12:10-1:00
 6142015 3 TR 2:10-3:25

INDEPENDENT STUDY SPAN 490 1- 6 CR.
 PREREQ: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR
 NO MORE THAN 9 CREDITS IN SPAN 490 MAY BE APPLIED
 TOWARD GRADUATION
 PERMISSION OF DEPARTMENT CHAIR REQUIRED,
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL EDUCATION

SPANISH

SPANISH INTERNSHIP SPAN 499 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSN
 OF ADVISER AND FLL INTERNSHIP COORDINATOR
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP MILD DISABL SP ED 459 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CONCURRENT ENROLLMT IN 365, 436
 PROFESSIONAL SUPPORT AND FIELD TRIPS &
 TRAVEL FEE \$50.00
 1883005 1 M 7:30-12:30
 SECT 1:FEB 14-APRIL 11

INDEPENDENT STUDY SP ED 490 1- 5 CR.
 PREREQ: 12 CR IN EL ED, PERMISSION OF DEPT HEAD
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL EDUCATION

EXCEPTIONAL LEARNER SP ED 250 3 CR.
 PREREQ: 204
 MEETS U.S. DIVERSITY REQMT.
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6452005 1 MWF 1:10-2:00

INTRO BEHAV DISORDR SP ED 503 1 CR.
 PREREQ: TEACHING LICENSE; TAKEN CONCURRENTLY
 WITH 504 AND 505
 6463005 M 6:00-9:00PM

CLSRM ASSMT DIVERSE SP ED 355 2 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 455, C I 433,
 438,439,468G,468I
 CONCURRENT ENROLLMENT IN C I 433, 438, 439,
 468G, 468I, SP ED 455. REGISTER FOR THE SAME
 SECTION NUMBERS.
 4385005 1 W 6:00-8:30PM
 NO MEETINGS FEB 14-MARCH 11

INTRO LEARN DISABIL SP ED 504 1 CR.
 PREREQ: TEACHING LICENSE; TAKEN CONCURRENTLY
 WITH 503 AND 505
 6467005 M 6:00-9:00PM

INTR MULTICAT INSTR SP ED 505 1 CR.
 PREREQ: TEACHING LICENSE; TAKEN CONCURRENTLY
 WITH 503, 504
 4157005 M 6:00-9:00PM

CLSRM ASSESMT SP ED SP ED 365 4 CR.
 PREREQ: 330
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6454005 1 TR 6:00-8:00PM

INTV BEHAV DIS CHLD SP ED 512 2 CR.
 PREREQ: TEACHING LICENSE; CONCURRENT ENROLLMENT
 IN 513 OR 514
 TAKE CONCURRENTLY WITH 513 OR 514
 6464005 W 6:00-9:00PM

LITRCY IN PRIMRY GR SP ED 368 1 CR.
 PREREQ: CONCURRENT ENROLLMENT IN C I 367, 468F
 CONCURRENT ENROLLMENT IN C I 377
 4085005 M 8:00-9:15
 NO MEETINGS MARCH 21-APRIL 15

INTV BEHAV DIS ELEM SP ED 513 1 CR.
 PREREQ: TEACHING LICENSE; CONCURRENT ENRLT IN 512
 TAKE CONCURRENTLY WITH 512
 8494005 W 6:00-9:00PM

SUPV STUDNT TEACHNG SP ED 415 VAR. CR.
 PREREQ: FULL ADMISSION TO TEACHER EDUCATION,
 SENIOR CLASSIFICATION, 355, 455. RESERVATION
 REQUIRED
 PROFESSIONAL SUPPORT FEE \$100.00
 4398005 ARRANGED

INTRV BEHAV DIS SEC SP ED 514 1 CR.
 PREREQ: TEACHING LICENSE; CONCURRENT ENRLT IN 512
 TAKE CONCURRENTLY WITH 512
 8496005 W 6:00-9:00PM

SUPV STUDENT TEACHG SP ED 416 VAR. CR.
 PREREQ: FULL ADMISSION TO TEACHER EDUC, SENIOR
 CLASSIFICATION, STUDENT IN EL ED SECTION, 330,365,
 436,439,457; C I 280,478. RESERVATION REQUIRED
 PROFESSIONAL SUPPORT FEE \$100.00
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 3286005 ARRANGED

TCHG STRAT LRNG DIS SP ED 541 2 CR.
 PREREQ: 504; CONCURRENT ENROLLMENT IN 542 OR 543
 TAKE CONCURRENTLY WITH SP ED 542 OR 543
 6468005 T 6:00-9:00PM

TCHG ELEM LEARN DIS SP ED 542 1 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 541
 TAKE CONCURRENTLY WITH SP ED 541
 8500005 T 6:00-9:00PM

METH MULTICAT INSTR SP ED 436 3 CR.
 PREREQ: 245, CONCURRENT ENROLLMENT IN 365, 459
 1884005 W 9:00-12:00

TCH SECND LEARN DIS SP ED 543 1 CR.
 PREREQ: CONCURRENT ENROLLMENT IN 541
 TAKE CONCURRENTLY WITH SP ED 541
 8501005 T 6:00-9:00PM

INSTR MTH DIVRS PRI SP ED 455 2 CR.
 PREREQ: CONCURRENT ENROLLMENT 355; C I 433, 438,
 439, 468G, 468I
 CONCURRENT ENROLLMENT IN C I 433, 438, 439,
 468G, 468I, SP ED 355. REGISTER FOR THE SAME
 SECTION NUMBERS.
 6848005 1 MW 10:00-11:15
 NO MEETINGS FEB 14-MARCH 11

SPECIAL EDUCATION

SPECIAL EDUCATION

SPECIAL TOPICS SP ED 590 1- 5 CR.
PREREQ: 15 CRS IN EDUC; PERMISSION OF DEPT CHAIR
***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP LRN DIS, EL SP ED 591A 1- 6 CR.
PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION
RESTRICTED TO STUDENTS ADMITTED TO C I MAJOR
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$25.00
***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP LRN DIS, SEC SP ED 591B 1- 6 CR.
PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
RESTRICTED TO STUDENTS ADMITTED TO C I MAJOR
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$25.00
***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP MLD BEHV, EL SP ED 591C 1- 6 CR.
PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
RESTRICTED TO STUDENTS ADMITTED TO C I MAJOR
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$25.00
***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP MLD BEH, SEC SP ED 591D 1- 6 CR.
PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
RESTRICTED TO STUDENTS ADMITTED TO C I MAJOR
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$25.00
***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP SEV BEHV, EL SP ED 591E 1- 6 CR.
PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
RESTRICTED TO STUDENTS ADMITTED TO C I MAJOR
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$25.00
***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP SEV BEH, SEC SP ED 591F 1- 6 CR.
PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
RESTRICTED TO STUDENTS ADMITTED TO C I MAJOR
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$25.00
***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP MULTICAT EL SP ED 591G 1- 6 CR.
PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
RESTRICTED TO STUDENTS ADMITTED TO C I MAJOR
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$25.00
***** SEE DEPT FOR REFERENCE NUMBERS

FLD EXP MULTICT SEC SP ED 591H 1- 6 CR.
PREREQ: 15 GRAD CREDITS IN SPECIAL AREA;
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
RESTRICTED TO STUDENTS ADMITTED TO C I MAJOR
PROFESSIONAL SUPPORT AND FIELD TRIPS & TRAVEL FEE \$25.00
***** SEE DEPT FOR REFERENCE NUMBERS

EXP MULTICAT SCI EL SP ED 591I 1- 6 CR.
PREREQ: 15 GRADUATE CREDITS IN SPECIAL AREA;
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
RESTRICTED TO STUDENTS ADMITTED TO C I MAJOR
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$25.00
***** SEE DEPT FOR REFERENCE NUMBERS

EXP MULTICT SCI SEC SP ED 591J 1- 6 CR.
PREREQ: 15 GRADUATE CREDITS IN SPECIAL AREA;
ADMISSION TO THE GRAD PROGRAM IN SPECIAL EDUCATION
RESTRICTED TO STUDENTS ADMITTED TO C I MAJOR
PROFESSIONAL SUPPORT AND FIELD TRIPS &
TRAVEL FEE \$25.00
***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SP ED 599 1- 5 CR.
PREREQ: 15 CREDITS IN EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SP ED 699 VAR. CR.
PREREQ: 15 CREDITS IN EDUCATION
***** SEE DEPT FOR REFERENCE NUMBERS

SPEECH COMMUNICATION

LISTENING SP CM 110 3 CR.
6418005 A MWF 12:10-1:00

FUND PUBLIC SPEAKNG SP CM 212 3 CR.
LECTURE AND LAB MEET ON ALTERNATING SCHEDULE TO
BE ANNOUNCED IN FIRST DAY LECTURE. ATTEND LECTURE
THE FIRST DAY. LECTURE IS THE SECOND TIME LISTED. IGNORE
TIME CONFLICT BETWEEN LECTURE AND LAB.
8643020 1 MWF 8:00-8:50
MWF 2:10-3:00
8643025 2 MWF 9:00-9:50
MWF 2:10-3:00
8643030 3 MWF 10:00-10:50
MWF 2:10-3:00
8643035 4 MWF 10:00-10:50
MWF 2:10-3:00
8643040 5 MWF 11:00-11:50
MWF 2:10-3:00
8643045 6 MWF 12:10-1:00
MWF 2:10-3:00
8643050 7 MWF 12:10-1:00
MWF 2:10-3:00
8643055 8 MWF 1:10-2:00
MWF 2:10-3:00
8643060 9 MWF 1:10-2:00
MWF 2:10-3:00
8643065 10 MWF 2:10-3:00
MWF 2:10-3:00
8643070 11 MWF 2:10-3:00
MWF 2:10-3:00
8643075 12 MWF 2:10-3:00
MWF 2:10-3:00

SPEECH COMMUNICATION

SPEECH COMMUNICATION

FUND PUBLIC SPEAKNG SP CM 212 3 CR.

- 8643080 13 MWF 2:10-3:00
MWF 2:10-3:00
- 8643085 14 MWF 2:10-3:00
MWF 2:10-3:00
- 8643090 15 MWF 9:00-9:50
MWF 3:10-4:00
- 8643095 16 MWF 10:00-10:50
MWF 3:10-4:00
- 8643100 17 MWF 11:00-11:50
MWF 3:10-4:00
- 8643015 18 MWF 11:00-11:50
MWF 3:10-4:00
- 8643110 19 MWF 12:10-1:00
MWF 3:10-4:00
- 8643115 20 MWF 12:10-1:00
MWF 3:10-4:00
- 8643120 21 MWF 1:10-2:00
MWF 3:10-4:00
- 8643125 22 MWF 1:10-2:00
MWF 3:10-4:00
- 8643130 23 MWF 3:10-4:00
MWF 3:10-4:00
- 8643135 24 MWF 3:10-4:00
MWF 3:10-4:00
- 8643140 25 MWF 3:10-4:00
MWF 3:10-4:00
- 8643145 26 MWF 3:10-4:00
MWF 3:10-4:00
- 8643150 27 MWF 3:10-4:00
MWF 3:10-4:00

INTERCOLLEG DEBATE SP CM 223 1 CR.

PREREQ: PERMISSION OF INSTRUCTOR
6424005 ARRANGED

SPECIAL PROJECTS SP CM 290 1- 2 CR.

PREREQ: 3 CR IN SP CM; PERMISSN OF DEPT CHAIR
NO MORE THAN 4 CREDITS OF SP CM 290 MAY BE
APPLIED TOWARD GRADUATION
DEPARTMENT PERMISSION REQUIRED, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

SEMANTICS SP CM 305 3 CR.

PREREQ: ENGL 105
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

6427005 A1 TR 2:10-3:25
SECTION A1 RESTRICTED TO SP CM MAJORS

ONLY

6427010 A2 TR 2:10-3:25
SECTION A2 FOR MAJORS OTHER THAN SP CM

BUSINESS&PRO SPEAKG SP CM 312 3 CR.

PREREQ: 212
SECT A1, B1 RESTRICTED TO SP CM MAJORS ONLY.
SECT A2, B2 RESTRICTED TO MAJORS OTHER THAN SP CM.
6429005 A1 MWF 2:10-3:00
6429010 A2 MWF 2:10-3:00
6429015 B1 TR 11:00-12:20
6429020 B2 TR 11:00-12:20

COMM FOR CLSRM TCHR SP CM 313 3 CR.

PREREQ: 212
6430005 A1 TR 9:30-10:50
SECTION A1 RESTRICTED TO SP CM MAJORS

ONLY

6430010 A2 TR 9:30-10:50
SECTION A2 FOR MAJORS OTHER THAN SP CM

GENDER & COMMUNICTN SP CM 323 3 CR.

PREREQ: 212
MEETS U.S. DIVERSITY REQMT.
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
2640005 TR 11:00-12:20

NONVERBAL COMMUNIC SP CM 325 3 CR.

COURSE RESTRICTED TO COMST MAJORS ONLY
3196005 1 TR 8:00-9:20

PERSUASION SP CM 327 3 CR.

PREREQ: 212
SECT A1, B1 RESTRICTED TO SP CM MAJORS ONLY
SECT A2, B2 FOR MAJORS OTHER THAN SP CM
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
6437005 A1 MWF 11:00-11:50
6437010 A2 MWF 11:00-11:50
6437015 B1 MWF 2:10-3:00
6437020 B2 MWF 2:10-3:00

RHETO&HIST OF IDEAS SP CM 350 3 CR.

PREREQ: ENGL 105
3005005 A TR 2:10-3:30

RHETORICAL CRITICISM SP CM 412 3 CR.

PREREQ: 212 AND 6 CREDITS IN SPEECH COMMUNICATION
AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
4529005 MWF 10:00-10:50

INDEPENDENT STUDY SP CM 490 1- 3 CR.

PREREQ: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATN,
PERMISSION OF DEPT. CHAIR
PERMISSION OF RAY DEARIN REQUIRED TO ADD.
PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
NO MORE THAN 9 CREDITS OF SP CM 490 MAY BE APPLIED
TOWARD GRADUATION.
DEPARTMENT PERMISSION REQUIRED, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL
***** SEE DEPT FOR REFERENCE NUMBERS

DIRECT SPEECH ACTIV SP CM 495A 1 CR.

PREREQ: C I 301; 9 CR IN SP CM; MINIMUM GPA
OF 2.5 IN SP CM COURSES
6445005 ARRANGED
INSTRUCTOR PERMISSION REQUIRED, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

COMMUNIC INTERNSHIP SP CM 499 1- 3 CR.

PREREQ: 18 CR IN SP CM COURSES, OTHER COURSES
ADVISER DEEMS APPROPRIATE; 2ND SEMESTER JR OR SR
STANDING; CUM GPA OF AT LEAST 2.5 OVERALL & 3.0
IN SP CM; PERMISSION OF THE INTERNSHIP COMMITTEE
NO MORE THAN 6 INTERNSHIP CREDITS MAY BE COUNTED
TOWARD DEGREE REQUIREMENTS
***** SEE DEPT FOR REFERENCE NUMBERS

SPEECH COMMUNICATION

SPECIAL TOPICS SP CM 590 1- 4 CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

STATISTICS

INTRO STAT FOR ENGR STAT 105 3 CR.
 PREREQ: MATH 165 (OR 165H)
 COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.
 CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 101,104,105,226.
 6504005 A TR 8:00-9:20

STATISTICS

PRIN OF STATISTICS STAT 101 4 CR.
 PREREQ: 1 & 1/2 YRS OF H S ALGEBRA
 COURSE NOT OPEN TO BUSINESS COLLEGE MAJORS.
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 101,104,105,226.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

6502005	A	MWF 9:00-9:50
		M 2:10-4:00
6502010	B	MWF 9:00-9:50
		M 4:10-6:00PM
6502015	C	MWF 10:00-10:50
		T 2:10-4:00
6502020	D	MWF 10:00-10:50
		T 4:10-6:00PM
6502025	E	MWF 11:00-11:50
		W 2:10-4:00
6502030	F	MWF 11:00-11:50
		W 4:10-6:00PM
6502035	G	MWF 3:10-4:00
		R 2:10-4:00
6502040	H	MWF 3:10-4:00
		R 4:10-6:00PM
6502045	J	MWF 2:10-3:00
		T 10:00-11:50
6502050	K	MWF 2:10-3:00
		W 10:00-11:50
6502055	L	MWF 1:10-2:00
		T 12:10-2:00
		INSTRUCTOR PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
6502060	M	MWF 8:00-8:50
		W 12:10-2:00
6502065	N	MWF 8:00-8:50
		R 10:00-11:50

INTR BUSINES STAT I STAT 226 3 CR.
 PREREQ: MATH 150 OR 165
 COURSE RESTRICTED TO ACCT, BUS S, BUSAD, BUS U, FIN, I BUS, LOMIS, MGMT, MIS, MKT, P BUS, POM, TRLOG,
 ECON, AG B MAJORS ONLY. CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 226, STAT 101, STAT 104, STAT 105.
 3975005 A TR 9:30-10:50
 3975010 B TR 9:30-10:50
 3975015 C TR 2:10-3:30
 3975020 D TR 2:10-3:30
 3975025 E TR 3:40-5:00

PROB&INFERNC, ENGRS STAT 231 4 CR.
 PREREQ: CREDIT OR ENROLLMENT IN MATH 265
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 6507005 MTRF 12:10-1:00

ENGINEERING STAT STAT 305 3 CR.
 PREREQ: MATH 165 (OR 165H)
 SECTIONS A & B RESTRICTED TO COLLEGE OF ENGINEERING STUDENTS ONLY. CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
 6509005 A TR 12:40-2:00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 6509010 B TR 3:40-5:00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 6509015 C TR 9:30-10:50
 SEC C RESTRICTED TO CH E MAJORS ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 6509020 D TR 12:40-2:00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

INTRO TO STATISTICS STAT 104 3 CR.
 PREREQ: 1 & 1/2 YRS OF H S ALGEBRA
 CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION: STAT 101,104,105,226.
 COURSE NOT OPEN TO BUS COLLEGE MAJORS.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

6503015	C	TR 1:10-2:00
		F 12:10-2:00
6503020	D	TR 2:10-3:00
		F 2:10-4:00
6503025	E	TR 9:00-9:50
		M 8:00-9:50
6503030	F	TR 8:00-8:50
		F 8:00-9:50
6503035	G	TR 8:00-8:50
		F 10:00-11:50

PROBAB MTH,ELEC ENG STAT 322 3 CR.
 PREREQ: E E 224
 6857005 MWF 12:10-1:00

INTR BUSINS STAT II STAT 326 3 CR.
 PREREQ: 226

6510005	A	MF 11:00-11:50
		R 8:00-9:50
6510010	B	MF 11:00-11:50
		R 8:00-9:50
6510015	C	MF 11:00-11:50
		R 10:00-10:50
6510020	D	MF 11:00-11:50
		R 12:10-2:00
6510025	E	MF 11:00-11:50
		F 8:00-9:50

STATISTICS

STATISTICS

PROBAB&STAT COM SCI STAT 330 3 CR.
 PREREQ: MATH 166
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7372005 MWF 3:10-4:00

INTR THY PROBAB&S I STAT 341 3 CR.
 PREREQ: MATH 265 (OR 265H)
 CREDIT FOR EITHER STAT 341 OR STAT 447, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 6511005 MWF 2:10-3:00

INTR THY PR&STAT II STAT 342 3 CR.
 PREREQ: 341, MATH 307 OR 317
 6512005 MWF 10:00-10:50

STAT QUALITY ASSURN STAT 361 3 CR.
 PREREQ: 231 OR 401
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6513005 A MWF 1:10-2:00
 SECT A RESTRICTED TO I E MAJORS ONLY
 6513010 B MWF 1:10-2:00
 SECT B RESTRICTED TO MAJORS OTHER THAN I
 E

COOPERATIVE EDUCATN STAT 398 R CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 1530005 ARRANGED

STAT METH FOR RSRCH STAT 401 4 CR.
 PREREQ: 101 OR 104 OR 105 OR 226. GRAD STUDENTS
 WITHOUT AN EQUIV COURSE SHOULD CONTACT DEPT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6514005 A MWF 8:00-8:50
 T 12:10-2:00
 SECTION A FOR BIOLOGICAL SCIENCES MAJORS
 6514010 B MWF 1:10-2:00
 T 2:10-4:00
 SECTION B - GENERAL SECTION
 6514015 C TR 11:00-12:20
 F 2:10-4:00
 SECTION C FOR UNDERGRADS ONLY.
 6514020 D TR 6:30-9:00PM
 SEC D POL S, EDUC, HD FS, PSYCH AND SOC
 MAJORS

STAT DESIGN&EXPERMT STAT 402 3 CR.
 PREREQ: 401
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6515005 A MWF 8:00-8:50
 SEC A RESTRICTED TO A E, A B E, EEOB,
 EEOBS,
 DIETF, FSHNF, FS F, GENET, IMBIO,
 NEURO, NUTR, MCDB,
 NEURO, ZLGNS, P PHY, AG COLLEGE AND
 VET COLLEGE
 MAJORS ONLY.
 6515010 B MWF 11:00-11:50
 SECTION B FOR PHYS SCIENCES, MATH, ENGR,
 UNDERGRADS
 6515015 C MWF 10:00-10:50
 SECTION C FOR HD FS, EDUC, POL S, PSYCH
 AND SOC
 MAJORS ONLY.

ADV METHD FOR RSRCH STAT 415 3 CR.
 PREREQ: 401
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1145005 MWF 2:10-3:00
 W 3:10-4:00

SURVEY SAMPL TECHNQ STAT 421 3 CR.
 PREREQ: 231 OR 328 OR 401
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6520005 TR 9:00-9:50
 R 2:10-4:00

STAT THEORY FOR RES STAT 447 4 CR.
 PREREQ: MATH 151 AND INST PERMISSION, OR MATH 265
 CREDIT FOR EITHER STAT 341 OR STAT 447, BUT NOT
 BOTH, MAY BE APPLIED TOWARD GRADUATION
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6523005 MTRF 3:10-4:00

APPLIED TIME SERIES STAT 451 3 CR.
 PREREQ: 231 OR 328 OR 401
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6524005 MWF 12:10-1:00

STAT COMPUTING APPL STAT 480 3 CR.
 PREREQ: 231 OR 328 OR 401
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6525005 TR 11:00-12:20

INDEPENDENT STUDY STAT 490 VAR. CR.
 PREREQ: 10 CREDITS IN STATISTICS
 NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS STAT 490H VAR. CR.
 PREREQ: 10 CR IN STAT, MEMBERSHIP IN HONORS PROG
 NO MORE THAN 9 CREDITS IN STAT 490 MAY BE
 APPLIED TOWARD GRADUATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

APPL STAT INDUST II STAT 496 3 CR.
 PREREQ: 495
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1419005 TR 9:30-10:50

MULTIVAR STAT METHD STAT 501 3 CR.
 PREREQ: 500 OR 402; 447 OR 542; KNOWLEDGE OF
 MATRIX ALGEBRA
 6530005 MWF 1:10-2:00

EXPLOR MTH&DATA MIN STAT 503 3 CR.
 PREREQ: 401, 341 OR 447
 4077005 MWF 2:10-3:00

STATISTICAL METHODS STAT 511 3 CR.
 PREREQ: 500 OR 402 OR 404; 447 OR 542 AND CURRENT
 ENROLLMENT IN 543: KNOWLEDGE OF MATRIX ALGEBRA
 6531005 A MWF 11:00-11:50

STATISTICS

THY&APP SAMPLE SURV STAT 521 3 CR.
 PREREQ: 401; 447 OR 542
 6535005 TR 2:10-3:30

QUAL CNTRL&ENG STAT STAT 531 3 CR.
 PREREQ: 401; 342 OR 447
 6537005 TR 3:40-5:00

STAT MOLECUCLR GENET STAT 537 3 CR.
 PREREQ: 536
 6542005 TR 3:40-5:00

THRY PROBAB&STAT II STAT 543 3 CR.
 PREREQ: 542
 6547005 A MWF 9:00-9:50
 SECTION A RESTRICTED TO STAT MAJORS ONLY.
 6547010 B MWF 10:00-10:50

BAYESIAN STATISTICS STAT 544 3 CR.
 PREREQ: 543
 6548005 MWF 12:10-1:00

NONPARAM &ASYM METH STAT 546 3 CR.
 PREREQ: 542
 6549005 MWF 3:10-4:00

INTRO STOCHAST PROC STAT 554 3 CR.
 PREREQ: 542
 6550005 TR 11:00-12:20

COMPUTNL METHS STAT STAT 580 3 CR.
 PREREQ: 500, 542
 6553005 TR 11:00-12:30

SPECL TOPICS THEORY STAT 590A VAR. CR.
 6554005 ARRANGED

SPCL TOPICS METHODS STAT 590B VAR. CR.
 6555005 ARRANGED

SPL TOP DESGN EXPER STAT 590C VAR. CR.
 6556005 ARRANGED

SPL TOP SURVEY DSGN STAT 590D VAR. CR.
 6557005 ARRANGED

COOPERATIVE EDUCATN STAT 598 R CR.
 PREREQ: PERMISSION OF THE DEPARTMENT CHAIR
 4153002 ARRANGED

CREATIVE COMPONENT STAT 599 VAR. CR.
 SATISFACTORY-FAIL ONLY.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ADV EXPERIMENT DSGN STAT 612 3 CR.
 PREREQ: 512
 6562005 TR 9:30-10:50

ADV THRY ST INFERNC STAT 643 4 CR.
 PREREQ: 543, 642
 6566005 MTRF 1:10-2:00

STATISTICS

ADV SPL TOPC THEORY STAT 690A VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 6851005 ARRANGED

ADV SPL TOP METHODS STAT 690B VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 6852005 ARRANGED

ADV TOP DSIGN EXPER STAT 690C VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 6854005 ARRANGED

ADV TOP DSIGN SURVY STAT 690D VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 6855005 ARRANGED

ADV TOP STAT COMPUT STAT 690E VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 1709005 ARRANGED

ADV TOPICS GRAPHICS STAT 690F VAR. CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 3189005 ARRANGED

RESEARCH STAT 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUSTAINABLE AGRICULTURE

SPECIAL TOPICS SUSAG 590 1- 3 CR.
 PREREQ: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT SUSAG 599 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SUSTAINB AG COLLOQU SUSAG 600 1 CR.
 5035005 W 3:10-5:00

SOC&TCH SUS FOOD SY SUSAG 610 3 CR.
 PREREQ: 509
 5047005 TR 9:30-10:50

RESEARCH SUSAG 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TECHNOLOGY & SOCIAL CHANGE

WORLD FOOD ISSUES T SC 342 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5256005 1 TR 11:00-12:20 ZDORKOWSKI G
 5256010 2 MWF 11:00-11:50 FORD C

PHIL OF TECHNOLOGY T SC 343 3 CR.
 PREREQ: 6 CREDITS OF SOCIAL SCIENCE, OR T SC 341
 AND 3 CREDITS OF SOCIAL SCIENCE
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 5211005 A TR 9:30-10:50 BELKNAP B
 5211010 B MWF 9:00-9:50

TECHNOLOGY & SOCIAL CHANGE

INDEPENDENT STUDY T SC 490 VAR. CR.
 PREREQ: 341, PERMISSION OF INSTRUCTR & T SC COORD
 PERMISSION OF T SC COORDINATOR REQUIRED. PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL.
 PERMISSION OF COORDINATOR REQUIRED,
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP:TCH&SOC CHG T SC 590F VAR. CR.
 PREREQ: 541, PERMISSN OF INSTRUCTOR & T SC COORD
 PERMISSION OF COORDINATOR REQUIRED,
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEXTILES & CLOTHING

TEXTILE SCIENCE I T C 204 4 CR.
 PREREQ: SOPHOMORE STANDING
 COURSE RESTRICTED TO AMDP, ARTID, FCEDS, T C
 MAJORS
 MATERIALS FEE \$15.00
 6604005 1 ARRANGED, MW 2:10-3:30
 SECTION 1 OFFERED FOR 4 CREDITS
 6604010 2 ARRANGED, TR 8:00-9:30
 SECTION 2 OFFERED FOR 4 CREDITS
 6604015 3 ARRANGED, TR 2:10-3:30
 SECTION 3 OFFERED FOR 4 CREDITS
 6604030 4 ARRANGED, TR 3:30-5:00
 6604035 5 ARRANGED, MW 3:30-5:00
 6604040 6 ARRANGED
 MW 10:00-11:30

TEXTILES & CLOTHING

LEARNG COMMU SEMINR T C 101X 1 CR.
 PREREQ: LEARNING COMMUNITY COORDINATOR PERMISSION
 COURSE RESTRICTED TO T C AND AMDP MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$40.00
 6260005 1 F 12:10-1:00, ARRANGED
 SECT 1:JAN 10-MARCH 4
 6260010 2 MW 12:10-1:00
 SECT 2:MARCH 7-MAY 6

PATTERNMAKING I T C 225 4 CR.
 PREREQ: 121, 131; 204 RECOMMENDED; INSTRUCTOR
 PERMISSION
 MATERIALS FEE \$12.00-\$80.00
 6607005 1 MWF 10:00-11:50
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6607010 2 MWF 12:10-2:00
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

APPARL ASSEMBL PROC T C 121 3 CR.
 COURSE RESTRICTED TO AMDP MAJORS ONLY
 MATERIALS FEE \$15.00-\$80.00
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6602005 1 M 8:00-8:50
 TR 8:00-9:50
 6602010 2 M 8:00-8:50
 TR 1:10-3:00
 6602015 3 M 8:00-8:50
 WF 8:00-9:50

APPAREL MANUFACTRNG T C 231 4 CR.
 PREREQ: 204,131
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$10.00-\$75.00
 6608005 1 MWF 12:10-1:00
 R 10:00-11:50
 6608010 2 MWF 12:10-1:00
 R 12:10-2:00

INTRO APPAREL DEVEL T C 131 3 CR.
 SECTNS 1A,2A,ETC. RESTRICTED TO AMDP MAJORS ONLY.
 SECTIONS 1B,2B,ETC. FOR MAJORS OTHER THAN AMDP.
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$40.00
 8338005 1A MW 2:10-3:00
 W 3:10-5:00
 SECTION 1A RESERVED FOR CT LEARNING

FASHION SHOW PRODUC T C 271X 1- 2 CR.
 PREREQ: 3 CREDITS IN T C OR INSTRUCTOR PERMISSION
 6261005 W 6:00-8:00PM
 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

COMMUNITY
 8338010 1B MW 2:10-3:00
 W 3:10-5:00
 SECTION 1B RESERVED FOR CT LEARNING

FASHION ILLUSTRATN T C 278 3 CR.
 PREREQ: 131, 245, ART 108 OR 130
 MATERIALS FEE \$20.00
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6611005 1 MWF 8:00-9:50

COMMUNITY
 8338015 2A MW 2:10-3:00
 R 8:00-9:50
 8338020 2B MW 2:10-3:00
 R 8:00-9:50
 8338025 3A MW 2:10-3:00
 R 4:10-6:00PM
 8338030 3B MW 2:10-3:00
 R 4:10-6:00PM
 8338035 4A MW 2:10-3:00
 F 1:10-3:00
 8338040 4B MW 2:10-3:00
 F 1:10-3:00

CPTR INTEGRAT DSIGN T C 321 3 CR.
 PREREQ: 245L; 278 RECOMMENDED
 MATERIALS FEE \$15.00-\$80.00
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6605005 MWF 8:00-9:50

PATTERNMAKING II T C 325 3 CR.
 PREREQ: 204, 225; 278 RECOMMENDED
 MATERIALS FEE \$0.00-\$80.00
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7199005 1 TR 10:00-1:00
 7199010 2 MT 6:00-9:00PM

TEXTILES & CLOTHING

TEXTILES & CLOTHING

APPARL PRODUCTN MGT T C 331 3 CR.
 PREREQ: 231, COM S 103, T C 121 RECOMMENDED
 FIELD TRIPS & TRAVEL FEE \$0.00-\$60.00
 6618005 1 M 2:10-4:00
 W 2:10-5:00

AESTHETC OF EVERYDY T C 342 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 7318005 1A MWF 11:00-11:50
 SECTION 1A RESTRICTED TO HRI & FCEDS

MAJORS ONLY
 7318010 1B MWF 11:00-11:50
 SECTION 1B RESTRICTED TO T C MAJORS ONLY

CULTUR PERSPCT CLTH T C 362 3 CR.
 PREREQ: 165 OR 3 CREDITS IN ANTHR, PSYCH, OR SOC
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 6622005 1A TR 2:10-3:30
 SECTION 1A RESTRICTED TO T C MAJORS ONLY
 6622010 1B TR 2:10-3:30
 SECTION 1B RESTRICTED TO MAJORS OTHER

THAN T C

MERCHANDISING T C 375 3 CR.
 PREREQ: 165; 3 CREDITS IN MATH; JR CLASSIFICATION
 6624005 1 TR 12:40-2:00

MERCHANDISNG ANALYS T C 375L 1- 3 CR.
 PREREQ: CREDIT OR ENR IN 375; ACCT 284, COM S 103
 COURSE RESTRICTED TO AMDP MAJORS ONLY
 MATERIALS AND FIELD TRIPS & TRAVEL FEE \$0.00-\$80.00
 7018005 1 ARRANGED
 MWF 12:10-2:00
 SECT 1:MARCH 7-MAY 6

MERCH PLAN& CONTROL T C 376 3 CR.
 PREREQ: 375
 6625005 MWF 12:10-2:00
 JAN 10-MARCH 4

FIELD STUDY T C 380 2 CR.
 PREREQ: 9 CR IN T C, JR CLASSIF, PERMSN BY APPLIC
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR CURRENT ISS T C 411 1- 3 CR.
 PREREQ: SR CLASSIFICATION, 12 CR IN T C
 COURSE IS OFFERED FOR 1 CREDIT SPRING 2005
 MATERIALS AND PROFESSIONAL SUPPORT FEE \$0.00-\$40.00
 7664005 T 6:00-8:00PM

FASHION SHOW MANAGE T C 471X 1- 2 CR.
 PREREQ: 3 CREDITS IN T C AND PERMISSION OF
 INSTRUCTOR
 6269005 W 6:00-8:00PM
 ARRANGED
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

ENTREPRENEURSHF FCS T C 474 3 CR.
 PREREQ: 6 CREDITS IN T C AT 300-LEVEL OR ABOVE
 FIELD TRIPS & TRAVEL FEE \$0.00-\$10.00
 5194005 R 6:00-8:30PM

IND STD TEXTILE SCI T C 490A VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD HIST TEXTIL T C 490B VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD TXTL&AP DSN T C 490C VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY AESTHETICS T C 490D VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND ST COSTUME HIST T C 490E VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD SOC-PSY T C T C 490F VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD CONSMR BEHV T C 490G VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS T C 490H VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTR, ADVISER
 AND DEPT CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY MERCHANDSG T C 490I VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD CULTR ANALY T C 490K VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STD PRODCTN MGT T C 490N VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

IND STDY TECH DESGN T C 490O VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEXTILES & CLOTHING

TEXTILES & CLOTHING

IND STDY SMALL BUSI T C 490S VAR. CR.
 PREREQ: 6 CR IN T C, PERMISSION OF INSTRUCTOR,
 ADVISER AND DEPARTMENT CHAIR
 3430026 LN ARRANGED

ADV APPAREL DESIGN T C 495 3 CR.
 PREREQ: 225, 278; 321, 325, OR 326; SR CLASSIF
 MATERIALS FEE \$0.00-\$50.00
 3914005 T 3:10-4:00
 T 4:10-6:00PM
 R 3:10-6:00PM

UNDERGRAD RESEARCH T C 499 1- 3 CR.
 PREREQ: SENIOR CLASSIFICATN, 15 CREDITS IN T C,
 PERMISSION OF INSTRUCTOR, ADVISER, & DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

TEXTILE SCIENCE II T C 504 3 CR.
 PREREQ: 204, 245; ONE NATURAL SCIENCE COURSE
 MATERIALS FEE \$15.00
 6647005 TR 8:00-9:20

PRACTCM TXTL&CLOTHG T C 570 1- 3 CR.
 PREREQ: 510, 6 GRAD CREDITS IN T C, PERMISSION
 BY APPLICATION
 6660005 ARRANGED

SPL TOP TEXTILE SCI T C 590A VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST TEXTIL T C 590B VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP TXTL&AP DSN T C 590C VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC AESTHETICS T C 590D VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP HIST COSTUM T C 590E VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SOC-PSY ASP T C 590F VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONSMR BEHV T C 590G VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MERCHANDSNG T C 590I VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP CULTUR ANALY T C 590K VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC CONSERVATN T C 590L VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PRODUCN MGT T C 590N VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TECH DESGN T C 590O VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP INTERDISCIP T C 590P VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC QUAL ASSUR T C 590Q VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SMALL BUSIN T C 590S VAR. CR.
 PREREQ: PERMISSION OF DEPT CHAIR & INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

SOC&PSYCH OF APPEAR T C 665 3 CR.
 PREREQ: 467 OR 6 CREDITS IN SOC OR PSYCH
 6659005 MW 2:10-3:30

ADVANCED TOPICS T C 690 VAR. CR.
 PREREQ: ENROLLMENT IN DOCTORAL PROGRAM, PERMISSN
 OF INSTRUCTOR, AND APPROVAL OF DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH T C 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEATRE

INTR PERFORMNG ARTS THTRE 106 3 CR.
 6729005 A MWF 2:10-3:00
 6729010 B MWF 9:00-9:50

THEATRE AND SOCIETY THTRE 110 3 CR.
 1103005 TR 9:30-10:50

THE ACTOR'S VOICE THTRE 151 3 CR.
 COURSE RESTRICTED TO PERF MAJORS ONLY
 6730005 TR 11:00-12:20

CONCERT&THTRE DANCE THTRE 224 .5- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: BY AUDITION ONLY
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 6731005 1 ARRANGED
 SECTION 1 OFFERED FOR .5 CREDIT ONLY
 6731010 2 ARRANGED
 SECTION 2 OFFERED FOR 1 CREDIT ONLY
 6731015 3 ARRANGED
 SECTION 3 OFFERED FOR 2 CREDITS ONLY

THEATRE

THEATRE

THEATRE PRACTICUM THTRE 250 1- 2 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 6732005 M 5:10-6:00PM
 ARRANGED

ACTING I THTRE 251 3 CR.
 6733005 A MWF 11:00-11:50
 6733010 B TR 9:30-10:50
 6733015 C MWF 10:00-10:50

INTR THEATRICAL PROD THTRE 255 4 CR.
 6734005 A MWF 9:00-9:50
 M 2:10-5:00
 6734010 B MWF 9:00-9:50
 W 2:10-5:00
 6734015 C MWF 9:00-9:50
 R 2:10-5:00
 6734020 D MWF 9:00-9:50
 F 2:10-5:00

SCRIPT ANALYSIS THTRE 263 3 CR.
 6763005 TR 9:30-10:50

SPECIAL PROJECTS THTRE 290 1- 3 CR.
 PREREQ: 3 CREDITS IN THEATRE; PERMISSION OF
 INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ACTING II THTRE 351 3 CR.
 PREREQ: 251, DANCE 120 RECOMMENDED
 6737005 1 TR 12:40-2:00

MUSICAL THEATRE II THTRE 355 3 CR.
 PREREQ: 354
 3132005 TR 2:10-3:30, ARRANGED

STAGECRAFT THTRE 360 4 CR.
 PREREQ: 255
 6742005 TR 9:30-10:50
 ARRANGED

THEATRICAL DESIGN II THTRE 366 3 CR.
 PREREQ: 365
 7920005 TR 11:00-12:20
 ARRANGED

DIRECTING II THTRE 456 3 CR.
 PREREQ: 455
 1116005 W 2:10-5:00

THEATRE DESIGN STUDIO THTRE 461 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 6743005 MWF 10:00-10:50
 F 11:00-11:50
 ARRANGED

HIST OF THEATRE II THTRE 466 3 CR.
 PREREQ: 465
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6749005 MWF 1:10-2:00

ADV THTRE PRACTICUM THTRE 469 1- 3 CR.
 PREREQ: 9 CR IN THEATRE COURSES, JR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY THTRE 490 1- 3 CR.
 PREREQ: 9 CREDITS IN THEATRE, APPROVED WRITTEN
 PROPOSAL, JUNIOR CLASSIFICATION
 NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE
 APPLIED TOWARD GRADUATION
 PERMISSION OF DEPARTMENT CHAIR REQUIRED,
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

THEATRE INTERNSHIP THTRE 499 1- 8 CR.
 PREREQ: 18 CR IN THEATRE, OTHER COURSES DEEMED
 APPROPRIATE BY FACULTY ADVISER; 2ND SEMESTER JUNIOR
 OR SENIOR STANDING; CUM GPA OF AT LEAST 2.50 OVERALL
 AND 3.00 IN THTRE COURSES
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS THTRE 590 1- 4 CR.
 PREREQ: APPROVED WRITTEN PROPOSAL
 PERMISSION OF DEPARTMENT CHAIR REQUIRED,
 PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

TOXICOLOGY

TOXICOLOGY SEMINAR TOX 504 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 7126005 ARRANGED

VETERINARY TOXICOLOGY TOX 526 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 9010005 MTR 11:00-11:50 OSWEILER G

CLIN & DIAGNOS TOXIC TOX 546 1- 3 CR.
 PREREQ: DVM DEGREE OR VDPAM 526
 1231005 ARRANGED OSWEILER G

PESTICIDES IN ENVIR TOX 550 2 CR.
 PREREQ: GRADUATE CLASSIFICATION
 9666005 TR 9:00-9:50

GENERAL PHARMACOLOGY TOX 554 3 CR.
 PREREQ: B M S 549, 552; BBMB 404, 405; CONCURRENT
 REGISTRATION IN B M S 555 IS REQ'D FOR GRAD STUDENTS
 4499005 MWF 11:00-11:50

SPECIAL TOPICS TOX 590 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

NATURAL TOXINS TOX 643 3 CR.
 PREREQ: COURSES IN BIOCHEM AND PHYSIOLOGY
 6780005 ARRANGED

RESEARCH TOX 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

TRANSPORTATION

SEMINAR TRANSP PLAN TRANS 691 1- 3 CR.
 6786005 F 10:00-11:50

RESEARCH TRANS 699 VAR. CR.
 6787005 ARRANGED

TRANSPORTATION & LOGISTICS

BUSINESS LOGISTICS TRLOG 360 3 CR.
 PREREQ: ECON 101
 SEC A1,B1 RESTRICTED TO ACCT, BUS S, BUS U, FIN,
 I BUS, MGMT, MIS, MKT, POM, TRLOG MAJORS ONLY. SEC
 A2,B2 FOR COLLEGES OTHER THAN BUSINESS
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6788005 A1 TR 12:40-2:00
 6788010 A2 TR 12:40-2:00
 6788015 B1 MWF 12:10-1:00
 6788020 B2 MWF 12:10-1:00

ADV LOGISTICS MGT TRLOG 460 3 CR.
 PREREQ: 360 AND STAT 226
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6790005 A1 MW 5:10-6:25PM
 SEC A1 RESTRICTED TO TRLOG MAJORS ONLY.
 6790010 A2 MW 5:10-6:25PM
 SEC A2 RESTRICTED TO ACCT, BUS S, BUS U,
 MGMT,
 MIS, MKT, POM MAJORS ONLY.

TRANSPORT ECONOMICS TRLOG 461 3 CR.
 PREREQ: STAT 226, ECON 101
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6791005 A1 MWF 1:10-2:00
 SEC A1 RESTRICTED TO TRLOG MAJORS ONLY.
 6791010 A2 MWF 1:10-2:00
 SEC A2 FOR MAJORS OTHER THAN TRLOG, P
 BUS.

TRANSPO CARRIER MGT TRLOG 462 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 461
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6792005 A1 MW 3:40-5:00
 SEC A1 RESTRICTED TO TRLOG MAJORS ONLY
 6792010 A2 MW 3:40-5:00
 SEC A2 RESTRICTED TO ACCT, FIN, BUS U,
 BUS S,
 MGMT, MIS, MKT, POM MAJORS ONLY

INT'L TRANSPORT&LOG TRLOG 466 3 CR.
 PREREQ: 360
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 6793005 A1 MWF 12:10-1:00
 SEC A1 RESTRICTED TO TRLOG MAJORS ONLY
 6793010 A2 MWF 12:10-1:00
 SEC A2 RESTRICTED TO MAJORS OTHER THAN
 TRLOG,
 P BUS

TRANSPORTATION & LOGISTICS

DEMAND PLANNING&MGT TRLOG 485X 3 CR.
 PREREQ: POM 320 AND TRLOG 360
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 8229005 A TR 2:10-3:30
 8229010 B MW 2:10-3:30

PRIN PRCHS&SPLY MGM TRLOG 486X 3 CR.
 PREREQ: POM 320 AND TRLOG 360
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4788005 A TR 3:40-5:00

STRTGC SPLY CHN MGT TRLOG 487X 3 CR.
 COURSE RESTRICTED TO TRLOG SENIORS
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 PERMISSION OF COLLEGE REQUIRED TO ADD DURING
 1ST WEEK; GO TO 1200 GERDIN
 3085005 A MW 2:10-3:30

INDEPENDENT STUDY TRLOG 490 1- 3 CR.
 PREREQ: 360, SENIOR CLASSIF, INSTRUCTOR PERMISSN
 COURSE NOT OPEN TO P BUS MAJORS
 DEPARTMENT PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

PURCHASI&SUPPLY MGT TRLOG 563X 3 CR.
 PREREQ: POM 502 OR PERMISSION OF INSTRUCTOR
 7251005 M 6:00-9:30PM
 JAN 24-APRIL 11

SPECIAL TOPICS TRLOG 590 1- 5 CR.
 PREREQ: GRAD CLASSIFICATION, PERMISSION OF INSTR
 RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
 ***** SEE DEPT FOR REFERENCE NUMBERS

UNIVERSITY STUDIES

CARVER FRESHMN SEMN U ST 106 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: ACCEPTANCE IN CARVER ACADEMY PROGRAM,
 GEORGE WASHINGTON CARVER SCHOLARSHIP RECIPIENT
 4173005 1 M 10:00-10:50
 4173010 2 T 10:00-10:50
 4173015 3 R 10:00-10:50
 4173020 4 W 10:00-10:50

DIALOG ON DIVERSITY U ST 150 1 CR.
 SATISFACTORY-FAIL ONLY.
 MEETS U.S. DIVERSITY REQMT.
 7705010 1 M 1:10-3:00
 SECT 1:MARCH 7-MAY 6
 7705015 2 T 1:10-3:00
 SECT 2:MARCH 7-MAY 6
 7705020 3 W 1:10-3:00
 SECT 3:MARCH 7-MAY 6
 7705025 4 M 3:10-5:00
 SECT 4:MARCH 7-MAY 6
 7705030 5 T 3:10-5:00
 SECT 5:MARCH 7-MAY 6

UNIVERSITY STUDIES

UNIVERSITY STUDIES

SPEAKG FOR INT'L TA U ST 180A 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SPEAK/TEACH TESTING. NO MORE THAN ONE SECTION OF 180 MAY BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL.
 FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED IN SPEAK/TEACH OFFICE, 201 LAB OF MECHANICS. U ST 180A DOES NOT APPLY TOWARD GRADUATION.
 3572005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

ADV SPEAKG INT'L TA U ST 180C 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SPEAK/TEACH TESTING. NO MORE THAN ONE SECTION OF 180 MAY BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL.
 FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED IN SPEAK/TEACH OFFICE, 201 LAB OF MECHANICS. U ST 180C DOES NOT APPLY TOWARD GRADUATION.
 3576005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

PRESNTATNS INT'L TA U ST 180D 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: SPEAK/TEACH TESTING. NO MORE THAN ONE SECTION OF 180 MAY BE TAKEN PER SEMESTER; UP TO TWO SECTIONS TOTAL.
 FOR TEACHING ASSISTANTS. GET ADD SLIP SIGNED IN SPEAK/TEACH OFFICE, 201 LAB OF MECHANICS. U ST 180D DOES NOT APPLY TOWARD GRADUATION.
 3577005 ARRANGED
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL

CARVER SEM:PEER MNT U ST 206 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 106 OR PERMISSION OF INSTRUCTOR
 4184005 1 M 4:10-5:00
 4184010 2 W 4:10-5:00

CARVER SEM:SCHOLARS U ST 306 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 206, CUM GPA 3.00 OR INSTRUCTOR PERMISSN
 4186005 1 T 4:10-5:00

LEADERSHIP SEMINAR U ST 311 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 111, 115; SELECTION AS LEADER FOR HIXSON SEMINAR OR MVP SEMINAR
 7281005 1 ARRANGED
 7281010 2 ARRANGED

WORLD FOOD ISSUES U ST 342 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT. AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6805005 1 TR 11:00-12:20 ZDORKOWSKI G
 6805010 2 MWF 11:00-11:50 FORD C

CARVER SEMN:FELLOWS U ST 406 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 306, CUM GPA 3.00 OR INSTRUCTOR PERMISSN
 4231005 1 F 3:10-5:00

INDEP STD INTERNATL U ST 490I VAR. CR.
 PREREQ: PERMISSION OF THE ASSOCIATE PROVOST PERMISSION OF THE CHAIR OF THE INTERNATIONAL STUDIES COMMITTEE & ASSOCIATE PROVOST ARE REQUIRED. PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL.
 DEPARTMENT PERMISSION REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP:TCH&SOC CHG U ST 590F VAR. CR.
 PREREQ: PERMISSION OF GRADUATE COLLEGE PERMISSION OF T SC COORDINATOR & ASSOC PROVOST REQUIRED. PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 PERMISSION OF COORDINATOR REQUIRED, PROCESS APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET DIAGNOSTIC & PRODUCTION AN MED

INT FOOD ANIML CLIN VDPAM 311X 1 CR.
 PREREQ: VETERINARY MEDICINE CLASSIFICATION. MUST BE VACCINATED FOR RABIES.
 6011005 ARRANGED KERSTING K

CLINICAL FNDATION I VDPAM 340X 1 CR.
 SATISFACTORY-FAIL ONLY.
 4872005 W 1:10-3:00 BOOTH L

INTR AQUAT ANIM MED VDPAM 401 1 CR.
 5147005 T 7:00-8:50PM ROTH J
 T 7:00-8:50PM

POULTRY MED&DIS PRV VDPAM 408 2 CR.
 PREREQ: ENROLLMENT IN COLLEGE OF VETERINARY MED
 5607005 ARRANGED TRAPPEL D

PRODUCTN ANIMAL MED VDPAM 411 4 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 4521005 ARRANGED HOPKINS S

VET PRAC ENTREPRENR VDPAM 414 3 CR.
 7216005 R 5:10-7:00PM DRAPER D

BOVIN REPROD EV LAB VDPAM 416 1 CR.
 PREREQ: 3RD-YEAR CLASSIFICATION IN VET MED
 5110005 A M 1:10-5:00 HOPKINS S
 SECT A:JAN 10-MARCH 4
 5110010 B W 1:10-5:00 HOPKINS S
 SECT B:JAN 10-MARCH 4
 5110015 C F 1:10-5:00 HOPKINS S
 SECT C:JAN 10-MARCH 4
 5110020 D M 1:10-5:00 HOPKINS S
 SECT D:MARCH 7-MAY 6
 5110025 E W 1:10-5:00 HOPKINS S
 SECT E:MARCH 7-MAY 6
 5110030 F F 1:10-5:00 HOPKINS S
 SECT F:MARCH 7-MAY 6

VET DIAGNOSTIC & PRODUCTION AN MED

VET DIAGNOSTIC & PRODUCTION AN MED

PRECPTRSP V MED PRA VDPAM 420 1- 6 CR.
 PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
 COURSE ONLY OFFERED FOR 4 CREDITS SPRING 2005
 9072005 ARRANGED APLEY M

VET TOXICOLOGY VDPAM 426 3 CR.
 PREREQ: 3RD-YEAR CLASSIFICATION IN VET MED
 6860005 MTR 11:00-11:50 OSWEILER G

BEEF RECORDS ANALYS VDPAM 436 1 CR.
 PREREQ: CLASSIFICATION IN VETERINARY MEDICINE
 5627005 ARRANGED ROBBE S

DAIRY HERD PROBL ID VDPAM 437 2 CR.
 PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
 6425005 ARRANGED APLEY M

MILK QUALITY&MASTITIS VDPAM 438 2 CR.
 PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
 6861005 ARRANGED APLEY M

NUTR DAIRY PROD MED VDPAM 439 2 CR.
 PREREQ: 4TH-YEAR CLASSIFICATON IN VET MED
 6422005 ARRANGED APLEY M

CLINICAL MEDICIN II VDPAM 445 5 CR.
 PREREQ: 3RD-YEAR CLASSIFICATION IN VET MED
 6865005 MTWRF 9:00-9:50 KERSTING K

DIAGNOS LAB PRACTCM VDPAM 455 2 CR.
 PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
 6876005 ARRANGED YAEGER M

FOOD ANIM MED &SURG VDPAM 477 VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 PERMISSION OF INSTRUCTOR REQUIRED, PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 6909005 MTWRF 8:00-11:50 KERSTING K
 MTWRF 2:10-5:00

INTR SWINE PROD MED VDPAM 478 2 CR.
 PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
 5610005 MTWRF 8:00-11:50 CARR J
 MTWRF 2:10-5:00

SWINE PROD MD PRECP VDPAM 479 1- 6 CR.
 PREREQ: 478
 5454005 ARRANGED CARR J

ADV SWINE PRODU MED VDPAM 480 2 CR.
 PREREQ: 478
 5572005 MTWRF 8:00-11:50 CARR J
 MTWRF 2:10-5:00

INTRO BEEF PROD MED VDPAM 481 2 CR.
 PREREQ: THIRD-YEAR CLASSIFICATION IN VET MED
 5601005 W 1:10-3:00 APLEY M

BEEF PROD MED PRECP VDPAM 482 1- 6 CR.
 PREREQ: 481
 5403005 ARRANGED APLEY M

ADV BEEF PRODUC MED VDPAM 483 2 CR.
 PREREQ: 481
 5562005 MTWRF 8:00-11:50 APLEY M
 MTWRF 2:10-5:00

DAIRY PROD MD PRECP VDPAM 485 1- 6 CR.
 PREREQ: 484
 5431005 ARRANGED APLEY M

CLINIC MICROBIO LAB VDPAM 488 1 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6950005 MTWRF 8:30-11:30 KINYON J

ISSUES FOOD SAFETY VDPAM 489 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN FS HN 101 OR 272
 OR HRI 233; FS HN 419 OR 420; FS HN 403
 8351005 MW 3:10-4:00
 MARCH 7-MAY 6

INDEPENDENT STUDY VDPAM 490 1- 5 CR.
 PREREQ: PERMISSION OF DEPARTMENT CHAIR
 PERMISSION OF INSTRUCTOR REQUIRED, PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

POULTRY MED&DIS PRV VDPAM 508 2 CR.
 PREREQ: GRADUATE STUDENT STATUS IN VET MED,
 ANIMAL SCI, ANIMAL ECOLOGY, OR BIOLOGY
 5634005 ARRANGED TRAMPEL D

VET PRAC ENTREPRENR VDPAM 514 3 CR.
 PREREQ: GRADUATE VETERINARIAN
 8099005 T 7:00-9:00PM DRAPER D
 R 5:10-8:00PM

PRIN OF EPIDEMIOLOGY VDPAM 522 3 CR.
 PREREQ: MICRO 310 OR EQUIVALENT
 6895005 MWF 7:00-7:50

VETERNRY TOXICOLOGY VDPAM 526 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY
 6897005 MTR 11:00-11:50 OSWEILER G

INTRO DNA TECHNIQS VDPAM 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7389005 TR 1:10-2:00
 TR 2:10-4:00
 JAN 11-FEB 10

INTR PROTEIN TECHNQ VDPAM 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7391005 TR 1:10-2:00
 TR 2:10-4:00
 FEB 15-MARCH 24

INTRO CELL TECHNIQS VDPAM 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7400005 TR 1:10-2:00
 TR 2:10-4:00
 MARCH 29-APRIL 28

VETERINARY CLINICAL SCIENCES

VET DIAGNOSTIC & PRODUCTION AN MED

INTR PLANT TRANSFRM VDPAM 542D 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7409005 ARRANGED
 FEB 9-APRIL 20

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CR.
 PREREQ: DVM DEGREE OR 526
 7676005 ARRANGED OSWEILER G

POSTMORTEM DIAG LAB VDPAM 551 1- 3 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: 455
 4233005 ARRANGED HALBUR P

SPECIAL TOPICS VDPAM 590 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT VDPAM 599 VAR. CR.
 PREREQ: ENROLLMENT IN NONTHESIS MASTER'S DEGREE
 PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

ANALY MTH SWINE MED VDPAM 652 2 CR.
 PREREQ: DVM DEGREE, PERMISSION OF INSTRUCTOR
 6933005 ARRANGED CARR J

ADV SWINE PROD MED VDPAM 655 1- 4 CR.
 PREREQ: DVM DEGREE, PERMISSION OF INSTRUCTOR
 6946005 ARRANGED CARR J

RESEARCH VDPAM 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

ANESTHESIOLOGY V C S 398 1 CR.
 PREREQ: SECOND-YEAR CLASSIFICATION IN VET MED
 3472005 W 8:00-9:50 JACKSON L

OPHTHALMOLOGY V C S 399 1 CR.
 PREREQ: THIRD-YEAR CLASSIFICATION IN VET MED
 3476005 W 8:00-8:50 BETTS D
 F 11:00-11:50

ADV SMALL AN ORTHOP V C S 401 1 CR.
 PREREQ: THIRD OR FOURTH-YEAR CLASSIFICATION IN
 V MED
 6870005 MW 2:10-3:00 WAGNER S
 JAN 10-MARCH 4

BLDG CMPASSIONT PRA V C S 403X 1 CR.
 COURSE RESTRICTED TO VET MED JUNIORS OR
 SENIORS
 2642005 ARRANGED FOX L

PET BIRD&EXOTC SPEC V C S 405 2 CR.
 PREREQ: CLASSIFICATION IN V MED
 COURSE RESTRICTED TO COLLEGE OF VET MED SOPH, JR
 AND SR
 6874005 ARRANGED

COMPANION AN NUTRI V C S 414 1 CR.
 PREREQ: THIRD OR FOURTH-YR CLASSIFICATN IN V MED
 7777005 ARRANGED O'BRIEN S
 JAN 10-MARCH 4

PRECEPTORSHIP V MED V C S 419 1- 6 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED,
 PERMISSION OF DEPARTMENT CHAIR
 1664005 ARRANGED REINERTSON E
 PERMISSION OF INSTRUCTOR REQUIRED,
 PROCESS APPROVED ADD SLIP IN 2270A VET MED

VETERINARY CLINICAL SCIENCES

SHELTER MEDICINE V C S 305X 1 CR.
 PREREQ: 1ST YEAR CLASSIFICATION IN VETERINARY
 MEDICINE OR PERMISSION OF INSTRUCTOR
 COURSE RESTRICTED TO VET MED FRESHMEN OR
 PERMISSION OF INSTRUCTOR
 2646005 ARRANGED BALDWIN C

CLINICAL FNDATION I V C S 340X 1 CR.
 SATISFACTORY-FAIL ONLY.
 4871005 W 1:10-3:00 BOOTH L

SEMINAR V C S 385 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: CLASSIFICATION IN VETERINARY MEDICINE
 7446005 F 8:00-8:50 KLINE K

PRIN OF SURGERY V C S 397 6 CR.
 PREREQ: SECOND-YEAR CLASSIFICATION IN V MED
 6869005 1 MTR 8:00-9:50 NIEVES M
 W 3:10-5:00
 6869010 2 MTR 8:00-9:50 NIEVES M
 W 1:10-3:00

EQUINE LAMENESS V C S 443 1- 2 CR.
 PREREQ: THIRD-YEAR CLASSIFICATION IN V MED
 6882005 T 12:10-1:00 BOOTH L

CLINICAL MEDICIN II V C S 445 5 CR.
 PREREQ: THIRD-YEAR CLASSIFICATION IN V MED
 6884005 MTWRF 9:00-9:50 KERSTING K

CLINICAL NEUROLOGY V C S 446 2 CR.
 PREREQ: 4TH-YEAR CLASSIFICATION IN VET MED
 5112005 MTWRF 8:00-5:00 KLINE K

RADIOLOGY V C S 448 2 CR.
 PREREQ: THIRD-YEAR CLASSIFICATION IN V MED
 6886005 TR 10:00-10:50 MILES K

ADV SURG NEU H SOCI V C S 451A 2 CR.
 PREREQ: 397,398,399,449
 MATERIALS AND EQUIPMENT USE FEE \$100.00
 5369005 A W 11:00-11:50 MERKLEY D
 M 1:10-5:00
 SECT A:MARCH 7-MAY 6

VETERINARY CLINICAL SCIENCES

VETERINARY CLINICAL SCIENCES

ADV TRADIT SURG LAB V C S 451B 2 CR.
 PREREQ: 397,398,399,449
 MATERIALS AND EQUIPMENT USE FEE \$100.00
 7005005 A W 11:00-11:50 MERKLEY D
 M 1:10-5:00
 SECT A:JAN 10-MARCH 4
 7005010 B W 11:00-11:50 MERKLEY D
 F 1:10-5:00
 SECT B:JAN 10-MARCH 4
 7005015 C W 11:00-11:50 MERKLEY D
 M 1:10-5:00
 SECT C:MARCH 7-MAY 6

CLINICL DERMATOLOGY V C S 452 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 SMALL ANIMAL OPTION
 1931005 MTWRF 8:00-5:00 NOXON J

SMALL ANIMAL MED I V C S 453 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6889005 MTWRF 8:00-5:00 JERGENS A

SMALL ANIMAL MED II V C S 454 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6890005 MTWRF 8:00-5:00 JERGENS A

SM AN SOFT TISS SUR V C S 455 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6891005 MTWRF 8:00-5:00 MERKLEY D

SM AN ORTHOPED SURG V C S 456 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6892005 MTWRF 8:00-5:00 WAGNER S

EQUINE MEDICINE V C S 457 3- 4 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE OFFERED FOR 4 CREDITS SPRING 2005.
 6893005 MTWRF 8:00-11:50 WONG D
 MTWRF 2:10-5:00

EQUINE SURGERY V C S 458 3- 4 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 COURSE OFFERED FOR 4 CREDITS SPRING 2005.
 6894005 MTWRF 8:00-11:50 REINERTSON E
 MTWRF 2:10-5:00

SM AN OVERPOP SURG V C S 459 2 CR.
 COURSE RESTRICTED TO VET MED SENIORS
 7814005 A MTWRF 8:00-5:00 MERKLEY D
 OMAHA
 7814010 B MTWRF 8:00-5:00 MERKLEY D
 DES MOINES
 7814015 C ARRANGED MERKLEY D
 KANSAS CITY

RADIOLOGY V C S 460 3 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6896005 MTWRF 8:00-5:00 MILES K
 MTWRF 8:00-5:00

COMMUNITY PRACTICE V C S 463 2 CR.
 PREREQ: FOURTH YEAR CLASSIFICATION IN VET MED
 2322005 MTWRF 8:00-5:00 LANGHOLZ K
 MTWRF 8:00-5:00

EQUINE FIELD SERVIC V C S 464 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 4247005 MTWRF 8:00-5:00 THOMPSON L

FARRIER V C S 465 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 7756005 MTWRF 8:00-5:00 WHITE D

VET ANESTHESIOLOGY V C S 466 3 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6898005 MTWRF 8:00-5:00 JACKSON L
 MTWRF 8:00-5:00

INTENSIVE CARE V C S 468 4 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6900005 ARRANGED STREETER E

SPECIAL SENSES V C S 469 2 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6901005 MTWRF 8:00-5:00 BETTS D
 MTWRF 8:00-5:00

RADIOLOGY V C S 470 VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 PERMISSION OF INSTRUCTOR REQUIRED, PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ANIMAL REPRODUCTION V C S 471 VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 PERMISSION OF INSTRUCTOR REQUIRED, PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

SMALL ANIMAL MED V C S 472 VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 PERMISSION OF INSTRUCTOR REQUIRED, PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

SMALL ANIM SURGERY V C S 473 VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 PERMISSION OF INSTRUCTOR REQUIRED, PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

EQUINE MED &SURGERY V C S 474 VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 PERMISSION OF INSTRUCTOR REQUIRED, PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET ANESTHESIOLOGY V C S 476 VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 PERMISSION OF INSTRUCTOR REQUIRED, PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY CLINICAL SCIENCES

VETERINARY CLINICAL SCIENCES

INTENSIVE CARE V C S 478 VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 PERMISSION OF INSTRUCTOR REQUIRED, PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPECIAL SENSES V C S 479 VAR. CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 PERMISSION OF INSTRUCTOR REQUIRED, PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

SML ANIM SURGRY III V C S 4830 2 CR.
 PREREQ: VM4 CLASSIFICATION AND V C S 473
 COURSE RESTRICTED TO VET MED SENIORS
 2972005 ARRANGED WAGNER S

SML ANIM SURGRY III V C S 483S 2 CR.
 PREREQ: VM4 CLASSIFICATION AND V C S 473
 COURSE RESTRICTED TO VET MED SENIORS
 3076005 ARRANGED MERKLEY D

INDEPENDENT STUDY V C S 490 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
 ***** SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS V C S 490H 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
 MEMBERSHIP IN UNIV HONORS PROGRAM
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR V C S 495 R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6914005 F 8:00-8:50 KLINE K

SPL TOPICS MEDICINE V C S 590A 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS SURGERY V C S 590B 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP THERIOGENOL V C S 590C 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOPIC RADIOLOGY V C S 590D 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANESTHESIOLOG V C S 590E 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V C S 599 VAR. CR.
 PREREQ: ENROLLMENT IN NONTHESIS MASTERS PROGRAM
 6920005 ARRANGED

SEMINAR V C S 604 1 CR.
 6921005 ARRANGED

ADV SPECIAL SURGERY V C S 672 2 CR.
 PREREQ: 449
 6926005 ARRANGED

RESEARCH MEDICINE V C S 699A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RESEARCH SURGERY V C S 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH THERIOGENOLGY V C S 699C VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

RSRCH ANESTHESIOLOGY V C S 699E VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY MEDICINE

VET IN SOCIETY II V MED 312X R CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: VM1 STATUS
 7993005 F 8:00-8:50

VET IN SOCIETY IV V MED 314X 1 CR.
 2360005 M 10:00-10:50

INT'L PRECEPTORSHIP V MED 403 1-12 CR.
 PREREQ: SECOND-YEAR CLASSIFICATION IN V MED
 7266005 ARRANGED

ORIENTATN INT'L EXP V MED 404 1 CR.
 PREREQ: CLASSIFICATION IN VET MED
 6971005 ARRANGED

VETERINARY MICROBIOLOGY & PREV MED

CASE STUDY IV V MPM 378 2 CR.
 PREREQ: 2ND-YEAR CLASSIFICATION IN VET MED
 6744005 TR 1:10-3:00 HOLLAND M

VETERINRY IMMUNOLGY V MPM 380 2 CR.
 PREREQ: FIRST-YEAR CLASSIFICATION IN V MED
 6941010 1 MTF 1:10-2:00 ROTH J
 6941015 2 MTF 1:10-2:00

VETERINARY VIROLOGY V MPM 387 3 CR.
 PREREQ: SECOND-YEAR CLASSIFICATION IN V MED
 6943010 1 MWR 10:00-10:50 PLATT K

VETERINARY MICROBIOLOGY & PREV MED

PUBLIC HEALTH V MPM 388 3 CR.
 PREREQ: SECOND-YEAR CLASSIFICATION IN V MED
 6944005 TR 11:00-11:50 DAVIS R
 F 1:10-2:00

TOPICS VET HISTORY V MPM 390 1 CR.
 7244005 1 MW 12:10-1:00 SCHLATER L
 SECT 1:MARCH 7-MAY 6

INFEC DIS&PREVN MED V MPM 437 3 CR.
 PREREQ: THIRD-YEAR CLASSIFICATION IN V MED
 6949005 MTR 8:00-8:50 GRIFFITH R

PUBLIC HEALTH LAB V MPM 486 1 CR.
 PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED
 6951005 MTWRF 2:10-5:00 DAVIS R

INDEPENDENT STUDY V MPM 490 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
 PERMISSION OF INSTRUCTOR REQUIRED, PROCESS
 APPROVED ADD SLIP IN 2270A VET MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

ZOO PRECEPTORSHIP V MPM 494 1- 8 CR.
 PREREQ: FOURTH YEAR CLASSIFICATION IN V MED
 ***** SEE DEPT FOR REFERENCE NUMBERS

PRIN OF EPIDEMIOLOGY V MPM 522 3 CR.
 PREREQ: MICRO 310 OR EQUIVALENT
 6957005 MWF 7:00-7:50

INTRO DNA TECHNIQS V MPM 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 4278005 TR 1:10-2:00
 TR 2:10-4:00
 JAN 11-FEB 10

INTR PROTEIN TECHNQ V MPM 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 4372005 TR 1:10-2:00
 TR 2:10-4:00
 FEB 15-MARCH 24

INTRO CELL TECHNIQS V MPM 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 4280005 TR 1:10-2:00
 TR 2:10-4:00
 MARCH 29-APRIL 28

INTR PLANT TRANSFRM V MPM 542D 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 4337005 ARRANGED
 FEB 9-APRIL 20

PRO PRACTC RESEARCH V MPM 565A .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 4764005 1 T 12:10-1:00
 4764010 2 ARRANGED

VETERINARY MICROBIOLOGY & PREV MED

PRO PRAC INTEL PROP V MPM 565B .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 4766005 ARRANGED

PRO LIFE SCIETHICS V MPM 565C .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 4779005 ARRANGED

PRO PLNT BREED ETHC V MPM 565D .5 CR.
 PREREQ: GRADUATE CLASSIFICATION
 4785005 R 1:10-3:00

IMMUNOLOGY V MPM 575 3 CR.
 PREREQ: MICRO 310
 5606005 MWF 8:00-8:50

ANIMAL VIROLOGY V MPM 587 4 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7951005 ARRANGED PLATT K

ANIMAL VIROLOGY LAB V MPM 587L 1 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7950005 ARRANGED PLATT K

SPECIAL TOPICS V MPM 590 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT V MPM 599 VAR. CR.
 PREREQ: NONTHESIS M.S. OPTION ONLY
 7307005 ARRANGED
 7307115 ET ARRANGED THACKER E

MECHNSM BACT PATHOG V MPM 625 4 CR.
 PREREQ: 386 AND 520
 6963005 ARRANGED MINION F

CURR TOPICS IMMUNOL V MPM 690A 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

CURR TOP INFECT DIS V MPM 690B 1- 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

MCDB SEMINAR V MPM 698 1- 2 CR.
 7082005 M 3:10-5:00
 W 4:10-5:00

RESEARCH V MPM 699 VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VETERINARY PATHOLOGY**VETERINARY PATHOLOGY****GENERAL PATHOLOGY V PTH 342 2 CR.**

PREREQ: FIRST-YEAR CLASSIFICATION IN VET MED
COURSE RESTRICTED TO COLLEGE OF V MED STUDENTS

7445005 1 MTR 1:10-2:00 MYERS R
W 1:10-3:00 MYERS R
SECT 1:MARCH 7-MAY 6

7445010 2 MTR 1:10-2:00 MYERS R
W 3:10-5:00 MYERS R
SECT 2:MARCH 7-MAY 6

CLIN PATH INTERPRET V PTH 408 1 CR.

PREREQ: 425
COURSE RESTRICTED TO JUNIORS IN VET MED.

7315005 ARRANGED ANDREASEN C

INTRO VET CYTOLOGY V PTH 409 1 CR.

PREREQ: 2ND OR 3RD YEAR CLASSIFICATION IN V MED

8991005 W 12:10-1:00 ANDREASEN C

LLAMA MEDICINE V PTH 410 1 CR.

PREREQ: 2ND OR 3RD YEAR CLASSIFICATION IN V MED

4362005 T 5:30-7:30PM JARVINEN J
JAN 10-MARCH 4

SPECIAL PATHOLOGY V PTH 422 4 CR.

PREREQ: 372

7003010 1 MWF 10:00-10:50 MYERS R
TR 1:10-3:00 MYERS R

7003015 2 MWF 10:00-10:50 MYERS R
TR 3:10-5:00 MYERS R

NECROPSY LAB PRACT V PTH 456 1 CR.

PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED

7007005 MTWRF 1:10-5:00 FALES-WILLIAMS A
S 10:00-11:50 FALES-WILLIAMS A

CLIN PATH LAB PRACT V PTH 457 1 CR.

PREREQ: FOURTH-YEAR CLASSIFICATION IN V MED

7008005 MTWRF 8:00-11:50 ANDREASEN C
MTWRF 1:10-5:00 ANDREASEN C

INDEPENDENT STUDY V PTH 490 VAR. CR.

PREREQ: PERMISSION OF INSTRUCTOR & DEPT CHAIR

PERMISSION OF INSTRUCTOR REQUIRED, PROCESS

APPROVED ADD SLIP IN 2270A VET MED

***** SEE DEPT FOR REFERENCE NUMBERS

GENERAL PATHOLOGY V PTH 542 2 CR.

PREREQ: GRAD CLASSIF & B M S 330,332, OR ZOOL 322

COURSE RESTRICTED TO V MED GRADUATE STUDENTS ONLY

7015005 1 MTR 1:10-2:00 MYERS R
W 1:10-3:00 MYERS R
SECT 1:MARCH 7-MAY 6

7015010 2 MTR 1:10-2:00 MYERS R
W 3:10-5:00 MYERS R
SECT 2:MARCH 7-MAY 6

DIAGN PARASITOL LAB V PTH 548 1- 3 CR.

PREREQ: 376 OR 576

9668005 ARRANGED JARVINEN J

CLIN PATHOLOGY LAB V PTH 549 1 CR.

SATISFACTORY-FAIL ONLY.

PREREQ: 457

7037005 ARRANGED ANDREASEN C
DEPARTMENT PERMISSION REQUIRED, PROCESS
APPROVED ADD SLIP IN 10 ALUMNI HALL

SURGICAL PATHOL LAB V PTH 550 1- 3 CR.

SATISFACTORY-FAIL ONLY.

PREREQ: 422, 570 OR 571

7479005 ARRANGED HAYNES J

POSTMORT VET PATHOL V PTH 551A 1- 3 CR.

SATISFACTORY-FAIL ONLY.

PREREQ: 542 OR 422

7038005 MTWRF 1:10-5:00 SORDEN S
S 10:00-11:50 SORDEN S

SPL TOP VET PATHOL V PTH 590A 1- 4 CR.

PREREQ: PERMISSION OF INSTRUCTOR

***** SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PARASIT V PTH 590B 1- 4 CR.

PREREQ: PERMISSION OF INSTRUCTOR

INSTRUCTOR PERMISSION REQUIRED, PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

SP TOP VET CLIN PTH V PTH 590D 1- 4 CR.

PREREQ: PERMISSION OF INSTRUCTOR

INSTRUCTOR PERMISSION REQUIRED, PROCESS

APPROVED ADD SLIP IN 10 ALUMNI HALL

***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PATHOL V PTH 599A VAR. CR.

***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP VET PARASI V PTH 599B VAR. CR.

***** SEE DEPT FOR REFERENCE NUMBERS

CRTV CMP V CLIN PTH V PTH 599D VAR. CR.

***** SEE DEPT FOR REFERENCE NUMBERS

PATHOL CASE SEMINAR V PTH 604 1- 2 CR.

SATISFACTORY-FAIL ONLY.

7027005 R 12:10-1:00

CURR TOPICS SEMINAR V PTH 605 1 CR.

***** SEE DEPT FOR REFERENCE NUMBERS

DIAG INTERPR V PATH V PTH 606A R CR.

7029005 ARRANGED ACKERMANN M

DIAG INTERP V PARAS V PTH 606B R CR.

7030005 ARRANGED JARVINEN J

DIAG INTERP CLINPTH V PTH 606D R CR.

9694005 ARRANGED ANDREASEN C

CELL&MOLEC PATHOL I V PTH 655 3 CR.

PREREQ: GRAD COURSE IN BIOCHEM, GEN OR CELL BIOL

7040005 ARRANGED ACKERMANN M

WOMEN'S STUDIES

VETERINARY PATHOLOGY

PTH PARASITC DISEAS V PTH 660 2 CR.
 PREREQ: 372, 376
 7044005 ARRANGED JONES D

CLINICAL CHEMISTRY V PTH 663 3 CR.
 PREREQ: 425
 7046005 ARRANGED BROCKUS C

VET PATHOLOGY RSRCH V PTH 699A VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET PARASITOLGY RES V PTH 699B VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

VET CLIN PATH RSRCH V PTH 699D VAR. CR.
 ***** SEE DEPT FOR REFERENCE NUMBERS

WOMEN & GENDER INT'L W S 301 3 CR.
 PREREQ: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
 TOPIC: GLOBAL FEMINISM
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7060005 TR 11:00-12:20

GENDER & COMMUNICTN W S 323 3 CR.
 PREREQ: 212
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 3533005 TR 11:00-12:20

WMN&MEN ENGR WRKPLC W S 325X 3 CR.
 PREREQ: ENGL 105
 MEETS U.S. DIVERSITY REQMT.
 8404005 MWF 11:00-11:50
 INSTRUCTOR PERMISSION REQUIRED, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL

WATER RESOURCES

SPECIAL TOPICS W RES 590 VAR. CR.
 PREREQ: PERMISSION OF MAJOR PROF IN W RES FACULTY
 ***** SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT W RES 599 VAR. CR.
 PREREQ: PERMISSION OF MAJOR PROF IN W RES FACULTY
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEM WATER RESRC MGT W RES 690A 1 CR.
 5322005 M 4:10-5:00

SEM WATER RESRC MGT W RES 690B R CR.
 5368005 M 4:10-5:00

SEX&GENDER IN SOCIE W S 327 3 CR.
 PREREQ: SOC 130 OR 134
 SEC A1,B1,C1 RESTRICTED TO SOC, P S A, W S.
 SEC A2,B2,C2 FOR MAJORS OTHER THAN SOC, P S A, W S.
 MEETS U.S. DIVERSITY REQMT.
 7061005 A1 MWF 11:00-11:50
 7061010 A2 MWF 11:00-11:50
 7061015 B1 M 6:00-9:00PM
 7061020 B2 M 6:00-9:00PM
 7061025 C1 MWF 1:10-2:00
 7061030 C2 MWF 1:10-2:00

MASCULIN & MANHOOD W S 328 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 5672005 A1 TR 11:00-12:20
 SECTION A1 RESTRICTED TO SOC AND W S
 MAJORS ONLY
 5672010 A2 TR 11:00-12:20
 SEC A2 RESTRICTED TO MAJORS OTHER THAN
 SOC & W S

WOMEN'S STUDIES

INTRO WOMEN'S STUDI W S 201 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 7058005 A M 2:10-3:00
 WF 2:10-3:00
 SECT A RESTRICTED TO FRESHMEN AND
 SOPHOMORES.
 7058010 B M 2:10-3:00
 WF 9:00-9:50
 7058015 C M 2:10-3:00
 WF 10:00-10:50
 7058020 D M 2:10-3:00
 WF 11:00-11:50
 7058025 E M 2:10-3:00
 WF 12:10-1:00
 7058030 F M 2:10-3:00
 WF 1:10-2:00
 7058035 G M 2:10-3:00
 WF 3:10-4:00

LESBIAN CULTR&CMMUN W S 203 3 CR.
 PREREQ: CREDIT IN OR EXEMPTION FROM ENGL 104
 MEETS U.S. DIVERSITY REQMT.
 2184005 TR 9:30-10:50

FEMINIST PHILOSOPHY W S 338 3 CR.
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 6331005 TR 12:40-2:00 FEHR C

WOMEN & LIT TOPICS W S 345 3 CR.
 PREREQ: ENGL 105
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7063005 A1 TR 11:00-12:20
 SEC A1 RESTRICTED TO ENGL, TCOMM MAJORS
 ONLY.
 7063010 A2 TR 11:00-12:20
 SEC A2 FOR MAJORS OTHER THAN ENGL, TCOMM

AFRICAN AMERI WOMEN W S 350 3 CR.
 PREREQ: 201 OR AF AM 201 OR 3 CR IN W S OR
 AFRICAN AMER STUDIES AT THE 300-LEVEL OR ABOVE
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 2569005 TR 12:40-2:00

WOMEN'S STUDIES

WOMN ANCIENT MEDITE W S 374 3 CR.
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 8165005 MWF 11:00-11:50

HIST WOMEN SCI,TECH W S 380 3 CR.
 PREREQ: SOPHOMORE CLASSIFICATION
 MEETS U.S. DIVERSITY REQMT.
 4039005 1 TR 11:00-11:50
 R 8:00-8:50
 4039010 2 TR 11:00-11:50
 R 10:00-10:50
 4039015 3 TR 11:00-11:50
 F 8:00-8:50
 4039020 4 TR 11:00-11:50
 F 10:00-10:50

WOMEN IN POLITICS W S 385 3 CR.
 MEETS U.S. DIVERSITY & INTL PERSPECTIVES REQMT.
 7067005 A MWF 1:10-2:00
 SEC A RESTRICTED TO POL S MAJORS ONLY.
 7067010 B MWF 1:10-2:00
 SEC B FOR MAJORS OTHER THAN POL S

LEARNING IN ACTION W S 391X 2 CR.
 PREREQ: 201
 8026005 MW 10:00-10:50

WOMEN,MEN&ENGL LANG W S 422 3 CR.
 PREREQ: ENGL 219
 MEETS U.S. DIVERSITY REQMT.
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 1540005 A TR 9:30-10:50

WOMEN & DEVELOPMENT W S 435X 3 CR.
 PREREQ: 201 RECOMMENDED
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7779005 TR 2:10-3:30

SEX&GENDER X-CULTUR W S 444 3 CR.
 PREREQ: 201; 306 RECOMMENDED
 MEETS INTERNATIONAL PERSPECTIVES REQMT.
 1750005 TR 12:40-2:00

TOPICS WOMEN'S STDS W S 450 3 CR.
 PREREQ: 201 OR 3 CR IN W S AT 300 LEVEL OR ABOVE
 TOPIC: WOMEN, SOCIAL CLASS AND SOCIAL POLICY
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 8910005 W 12:10-2:40

INDEPENDENT STUDY W S 490 1- 3 CR.
 PREREQ: ANY TWO COURSES IN W S, PERMISSION OF
 INSTRUCTOR, CONSULTATION WITH W S PROGRAM DIRECTOR
 NO MORE THAN 6 CREDITS OF W S 490 MAY BE
 APPLIED TOWARD GRADUATION
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

WOMEN'S STUDIES

SENIOR INTERNSHIP W S 491 3 CR.
 PREREQ: SENIOR CLASSIFICATION
 4097005 ARRANGED

SENIOR THESIS W S 499 3 CR.
 PREREQ: SENIOR CLASSIFICATION
 ***** SEE DEPT FOR REFERENCE NUMBERS

WOMEN & DEVELOPMENT W S 535X 3 CR.
 PREREQ: 201 RECOMMENDED
 7781005 TR 2:10-3:25

SEX&GENDER X-CULTUR W S 544 3 CR.
 PREREQ: 201; 306 RECOMMENDED
 1777005 TR 12:40-2:00

PRSEM HIS FMNST THY W S 586 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 3073005 1 W 1:10-4:00

SPECIAL TOPICS W S 590 VAR. CR.
 PREREQ: PERMISN OF WOMEN'S STUDIES PROG DIRECTOR
 DEPARTMENT PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 ***** SEE DEPT FOR REFERENCE NUMBERS

ZOOLOGY

INTRO TO HUMAN BODY ZOOL 155 3 CR.
 PREREQ: HS BIOLOGY & CHEMISTRY OR BIOL 109
 7079005 A TR 3:40-5:00

FUND HUMN ANATMY II ZOOL 256 3 CR.
 6408005 MWF 8:00-8:50

FND AN&PHYSL LAB II ZOOL 256L 1 CR.
 PREREQ: CREDIT OR ENROLLMENT IN 256
 MATERIALS FEE \$45.00
 6419005 1 T 9:00-11:50
 6419010 2 T 12:10-3:00
 6419015 3 T 3:10-6:00PM
 6419020 4 W 12:10-3:00
 6419025 5 W 3:10-6:00PM
 6419030 6 R 9:00-11:50
 6419035 7 R 12:00-3:00
 6419040 8 R 3:10-6:00PM
 6419045 9 T 6:00-9:00PM
 6419050 10 W 6:00-9:00PM

COOPERATIVE EDUCATN ZOOL 298 R CR.
 PREREQ: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
 4160005 ARRANGED

BIOLOGICAL EVOLUTN ZOOL 303 3 CR.
 PREREQ: CREDIT OR ENROLLMENT IN BIOL/GEN 301
 7086005 1 MWF 12:10-1:00

BRAIN & BEHAVIOR ZOOL 310 3 CR.
 PREREQ: PSYCH 101; BIOL 109 OR 201 OR ZOOL 155;
 CHEM 163
 1520005 A1 MWF 9:00-9:50
 SECTION A1 RESTRICTED TO PSYCH MAJORS ONLY
 1520010 A2 MWF 9:00-9:50
 SECTION A2 FOR MAJORS OTHER THAN PSYCH

ZOOLOGY

ZOOLOGY

VERTEBRAT HISTOLOGY ZOOLOGY 322 4 CR.

PREREQ: BIOL 202
 MATERIALS FEE \$40.00
 7091005 A MWF 10:00-10:50
 R 9:00-11:50
 7091010 B MWF 10:00-10:50
 W 1:10-4:00

EMBRYOLOGY ZOOLOGY 334 2 CR.

PREREQ: BIOL 202
 7093005 MW 12:10-1:00

EMBRYOLOGY LAB ZOOLOGY 334L 1 CR.

PREREQ: CREDIT OR ENROLLMENT IN 334
 MATERIALS FEE \$40.00
 7094005 1 T 12:10-3:00
 7094010 2 R 12:10-3:00

PRIN OF PHYSIOLOGY ZOOLOGY 355 5 CR.

PREREQ: BIOL 302
 2-PART COURSE. REGISTER FOR NUMBERED SECTION
 FIRST AND THEN LETTERED SECTION. STUDENTS WHO DON'T
 REGISTER FOR BOTH PARTS OF THE COURSE WILL BE
 DROPPED
 FROM THE COURSE DUE TO INCOMPLETE REGISTRATION.
 MATERIALS FEE \$50.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.

7095010 1 MWF 11:00-11:50
 T 12:10-3:00
 7095015 2 MWF 11:00-11:50
 W 3:10-6:00PM
 7095020 3 MWF 11:00-11:50
 R 9:00-11:50
 7095040 A M 4:10-5:00
 7095045 B R 3:10-4:00

COOPERATIVE EDUCATN ZOOLOGY 398 R CR.

PREREQ: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
 4196005 ARRANGED

CELL BIOLOGY ZOOLOGY 428 3 CR.

PREREQ: BIOL 302
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7102005 MWF 10:00-10:50

DEVELOPMENTAL BIOL ZOOLOGY 433 3 CR.

PREREQ: BIOL 302
 7103005 MWF 12:10-1:00
 SECTION INFO:

<http://www.public.iastte.edu/~devel-biol/hom>

DEVELOPMTL BIOL LAB ZOOLOGY 433L 1 CR.

PREREQ: CREDIT OR ENROLLMENT IN 433
 MATERIALS FEE \$40.00
 5680005 1 T 12:10-3:00
 5680010 2 R 12:10-3:00

GEN & COMP ENDOCRIN ZOOLOGY 454 3- 4 CR.

PREREQ: 355 AND BIOL 302
 MATERIALS FEE \$45.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7106005 A MWF 9:00-9:50
 SECTION A OFFERED FOR 3 CREDITS ONLY
 7106010 B MWF 9:00-9:50
 T 1:10-4:00
 SECTION B OFFERED FOR 4 CREDITS ONLY

ENVIRONMENTL PHYSOL ZOOLOGY 459 3- 4 CR.

PREREQ: 355 OR A ECL 311; PHYSICS RECOMMENDED
 MATERIALS FEE \$45.00
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7108005 A MWF 11:00-11:50
 SECTION A OFFERED FOR 3 CREDITS ONLY
 7108010 B MWF 11:00-11:50
 W 1:10-4:00
 SECTION B OFFERED FOR 4 CREDITS ONLY

EVOLUTNARY GENETICS ZOOLOGY 462 3 CR.

PREREQ: BIOL 303
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 7110005 TR 9:30-10:50

MORPHOMETRIC ANALYS ZOOLOGY 464 4 CR.

PREREQ: STAT 401
 AVAILABLE FOR NONMAJOR GRADUATE CREDIT.
 4411005 TR 2:10-3:30, ARRANGED

INDEP STDY RESEARCH ZOOLOGY 490R 1- 5 CR.

PREREQ: 15 CR IN ZOOLOGY SCIENCES; INSTR PERMISSION
 AG COLLEGE MAJORS MAY APPLY NO MORE THAN
 6 CREDITS OF ZOOLOGY 490 TOWARD THE TOTAL OF 128
 CREDITS
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE
 MAY APPLY NO MORE THAN 9 CREDITS OF ZOOLOGY 490 TOWARD
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

SEMINAR ATTENDANCE ZOOLOGY 490S 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: 15 CR IN ZOOLOGY SCIENCES; INSTR PERMISSION
 AG COLLEGE MAJORS MAY APPLY NO MORE THAN
 6 CREDITS OF ZOOLOGY 490 TOWARD THE TOTAL OF 128
 CREDITS
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE
 MAY APPLY NO MORE THAN 9 CREDITS OF ZOOLOGY 490 TOWARD
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

LAB TCHNG EXPERIENC ZOOLOGY 490U 1- 2 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: 15 CR IN ZOOLOGY SCIENCES, INSTR PERMISSION
 AG COLLEGE MAJORS MAY APPLY NO MORE THAN
 6 CREDITS OF ZOOLOGY 490 TOWARD THE TOTAL OF 128
 CREDITS
 REQUIRED FOR GRADUATION. STUDENTS IN THE LAS COLLEGE
 MAY APPLY NO MORE THAN 9 CREDITS OF ZOOLOGY 490 TOWARD
 GRADUATION.
 ***** SEE DEPT FOR REFERENCE NUMBERS

UG SEM ENVIRON BIOL ZOOLOGY 492X 1 CR.

SATISFACTORY-FAIL ONLY.
 PREREQ: PERMISSION OF INSTRUCTOR
 8056005 ARRANGED

COOPERATIVE EDUCATN ZOOLOGY 498 R CR.

PREREQ: PERMISSION OF THE DEPT COOPERATIVE
 EDUCATION COORDINATOR; SENIOR CLASSIFICATION
 4208005 ARRANGED

ADV ANIMAL BEHAVIOR ZOOLOGY 507 2 CR.

PREREQ: 304; PERMISSION OF INSTRUCTOR
 7117005 M 4:10-6:00PM

ZOOLOGY

ZOOLOGY

INTRO DNA TECHNIQS ZOOOL 542A 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7089005 TR 1:10-2:00
 TR 2:10-4:00
 JAN 11-FEB 10

INTR PROTEIN TECHNQ ZOOOL 542B 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7092005 TR 1:10-2:00
 TR 2:10-4:00
 FEB 15-MARCH 24

INTRO CELL TECHNIQS ZOOOL 542C 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7096005 TR 1:10-2:00
 TR 2:10-4:00
 MARCH 29-APRIL 28

INTR PLNT TRNSFM TQ ZOOOL 542D 1 CR.
 SATISFACTORY-FAIL ONLY.
 PREREQ: GRADUATE CLASSIFICATION
 7098005 ARRANGED
 FEB 9-APRIL 20

GENRL&COMP ENDOCRIN ZOOOL 554 3- 4 CR.
 PREREQ: 355 AND BIOL 302
 MATERIALS FEE \$45.00
 7127005 A MWF 9:00-9:50
 SECTION A OFFERED FOR 3 CREDITS ONLY
 7127010 B MWF 9:00-9:50
 T 1:10-4:00
 SECTION B OFFERED FOR 4 CREDITS ONLY

ADV NEUROSCI TECHNQ ZOOOL 557 2 CR.
 PREREQ: NEURO 556
 INSTRUCTOR PERMISSION REQUIRED 1ST WEEK, PROCESS
 APPROVED ADD SLIP IN 10 ALUMNI HALL
 9566005 ARRANGED

ENVIRON PHYSIOLOGY ZOOOL 559 3- 4 CR.
 PREREQ: 355 OR A ECL 311, PHYSICS RECOMMENDED
 MATERIALS FEE \$45.00
 7129005 A MWF 11:00-11:50
 SECTION A OFFERED FOR 3 CREDITS ONLY
 7129010 B MWF 11:00-11:50
 W 1:10-4:00
 SECTION B OFFERED FOR 4 CREDITS ONLY

EVOLUTNARY GENETICS ZOOOL 562 3 CR.
 PREREQ: BIOL 303
 4347005 TR 9:30-10:50

MORPHOMETRIC ANALYS ZOOOL 564 4 CR.
 PREREQ: STAT 401
 4579005 TR 2:10-3:30, ARRANGED

ADVANCD SYSTEMATICS ZOOOL 568 3 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 2619005 ARRANGED

SPECIAL TOPICS ZOOOL 590 1- 5 CR.
 PREREQ: PERMISSION OF INSTRUCTOR
 ***** SEE DEPT FOR REFERENCE NUMBERS

CEL,MOL&DEV BIO SEM ZOOOL 690A 1 CR.
 SATISFACTORY-FAIL ONLY.
 7142005 ARRANGED

NEUROBIOLOGY SEMINR ZOOOL 690C 1 CR.
 SATISFACTORY-FAIL ONLY.
 7144005 ARRANGED

PHYSIOLOGY SEMINAR ZOOOL 690D 1 CR.
 SATISFACTORY-FAIL ONLY.
 7145005 ARRANGED

EVOLUTION SEMINAR ZOOOL 690E 1 CR.
 SATISFACTORY-FAIL ONLY.
 7146005 ARRANGED

SEM MODEL GENE THER ZOOOL 690F 1 CR.
 SATISFACTORY-FAIL ONLY.
 3540005 ARRANGED

SEMINAR IN BEHAVIOR ZOOOL 690G 1 CR.
 SATISFACTORY-FAIL ONLY.
 4209005 ARRANGED

SEMINR BIOINFORMTCS ZOOOL 690H 1 CR.
 SATISFACTORY-FAIL ONLY.
 5652005 ARRANGED

RES SEM CELL,MOL,DV ZOOOL 696A 1 CR.
 SATISFACTORY-FAIL ONLY.
 7147005 ARRANGED

RES SEMNR NEUROBIOL ZOOOL 696C 1 CR.
 SATISFACTORY-FAIL ONLY.
 7149005 ARRANGED

RES SEMN PHYSIOLOGY ZOOOL 696D 1 CR.
 SATISFACTORY-FAIL ONLY.
 7150005 ARRANGED

RES SEMNR EVOLUTION ZOOOL 696E 1 CR.
 SATISFACTORY-FAIL ONLY.
 7151005 ARRANGED

RES SEM GENE THERAP ZOOOL 696F 1 CR.
 SATISFACTORY-FAIL ONLY.
 3541005 ARRANGED

RES SEMINR BEHAVIOR ZOOOL 696G 1 CR.
 SATISFACTORY-FAIL ONLY.
 4215005 ARRANGED

RES SEM BIOINFORMTC ZOOOL 696H 1 CR.
 SATISFACTORY-FAIL ONLY.
 5654005 ARRANGED

SPRING 2005 Last Updated 09-17-2004

ZOOLOGY

SEMINAR IN MCDB ZOOL 698 1- 2 CR.
COURSE OFFERED FOR 1 CREDIT ONLY S05.
7152005 M 3:10-5:00

RESEARCH ZOOLOGY ZOOL 699 VAR. CR.
***** SEE DEPT FOR REFERENCE NUMBERS